City of Alexandria, Virginia

PROPOSED FY 2014 - 2023

CAPITAL IMPROVEMENT

PROGRAM

(Incorporating the Information Technology Plan)

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OMB staff wish to acknowledge the 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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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 2012.

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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PROPOSED FY 2014 – 2023

CAPITAL IMPROVEMENT

PROGRAM OVERVIEW

CIP Overview Contents

In the CIP Overview pages that follow, please find the following descriptions and discussions of the Approved FY 2014 – 2023 Capital Improvement Program:

- **Overview of FY 2014 – 2023 Proposed Capital Improvement Program**– p. 2-3
- **Capital Project Definitions** – p. 2-7
- **FY 2014 – 2023 CIP Priorities –** p. 2-7
- **CIP Development Process** – pp. 2-8 – 2-11
- **Proposed FY 2014 Capital Year Budget Project Highlights** – pp. 2-12 – 2-14
- **Proposed FY 2014 – 2023 Capital Improvement Program Project Highlights** – pp. 2-15 – 2-18
- **Additional Projects funded with Three Cents on the Real Estate Tax Rate** – pp. 2-20– 2-21
- **Proposed FY 2014 – 2023 CIP Funding Sources** – p. 2-22
- **City Debt Policy Guidelines** – pp. 2-24 – 2-27
- **EcoCity Initiative Efforts** – p. 2-28

The Proposed FY 2014 – 2023 CIP continues the reserved 2.2 cents on the real estate tax for transportation improvement capital projects and includes an additional 3 cents on the real estate tax rate for additional capital infrastructure needs.

FY 2014 – 2023 Proposed Capital Improvement Program

The City Manager's Proposed FY 2014 – 2023 CIP was presented to City Council on February 26, 2013 and included $1.142 billion in total funding. The Proposed CIP included funding for the Potomac Yard Metrorail Station (from development contributions and special tax districts which will leverage required borrowing), as well as continuation of the reserved 2.2 cents on the base real estate tax rate and additional General Fund cash capital for the continuation of the City's Transportation Improvement Program approved by City Council beginning in FY 2012. Additionally, options for capital projects to funded with an additional three cents on the real estate tax rate are included for consideration. Information on these projects can be found on pages 2-20 and 2-21, and pages 4-5 and 4-6.

The Proposed FY 2014 – 2023 Capital Improvement Program totals $1.141 billion, which represents a $3.9 million, or 0.4%, increase from the Approved FY 2013 - 2022 CIP. To achieve a true comparison of the costs of the two plans, FY 2013 and FY 2023 must be removed from the comparison. When comparing only nine years (FY 2014 – 2022), the Proposed CIP increases $81.5 million, or 8.1% over last year's Approved CIP.

The chart below provides a comparison of last year's Approved FY 2013 – 2022 CIP and the Proposed FY 2014 – 2023 CIP.

The most significant change from last year's Approved CIP to this year's Proposed CIP is moving the borrowing for Potomac Yard Metrorail Station from FY 2015 to FY 2016. Additionally, a new ACPS capacity project is included in FY 2018.

** Peak in FY 2015/2016 is due to $265.3 million in General Obligation Bond issuance for Potomac Yard Metrorail Station*

Proposed FY 2014 – 2023 Capital Improvement Program Overview

The most significant change from the Approved FY 2013 – 2022 CIP to the Proposed FY 2014 – 2023 CIP in moving the borrowing associated with the Potomac Yard Metrorail Station from FY 2015 – 2016. Additionally, a significant increase in FY 2018 is due to the inclusion of a second new capacity project for Alexandria City Public Schools (ACPS).

The Proposed FY 2014 – 2023 CIP continues to incorporate a diverse funding structure.

The funding makeup of the City's capital program is growing increasingly diverse each year. To help organize this added complexity, the Proposed FY 2014 – 2023 CIP divides revenue sources into three different types. Unrestricted City funds include general cash sources and General Obligation 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 easier to discuss financing issues with them separately. Non-City funds generally include State and Federal grants and earmarks as well as private capital contributions and Comcast revenues. These revenues are also restricted in their use.

Unrestricted revenue increases primarily due to new funding commitments for ACPS and the transfer of street resurfacing funds from the General Fund to the CIP.

Revenues	Last Year FY 2014 - 2022	This Year FY 2014 - 2022	Difference	*FY 2023 Only*
Unrestricted				
Cash Capital	$ 133,802,751	$ 145,262,189	$ 11,459,438	*$ 16,085,019*
G.O.Bonds	$ 404,999,051	$ 461,970,000	$ 56,970,949	*$ 32,024,000*
Total Unrestricted	**$ 538,801,802**	**$ 607,232,189**	**$ 68,430,387**	***$ 48,109,019***
Restricted				
Potomac Yard	$ 272,800,000	$ 272,800,000	$ -	*$ -*
Sewers - Sanitary and Stormwater	$ 107,978,000	$ 93,360,000	$ (14,618,000)	*$ 1,400,000*
Transportation Improvement Program	$ 51,860,000	$ 53,005,000	$ 1,145,000	*$ 3,600,000*
Other	$ -	$ 800,000	$ 800,000	*$ 25,000*
Total Restricted	**$ 432,638,000**	**$ 419,965,000**	**$ (12,673,000)**	***$ 5,025,000***
Non-City				
Grants	$ 22,492,500	$ 46,232,999	$ 23,740,499	*$ 2,775,000*
Private Capital Contributions	$ -	$ 2,029,227	$ 2,029,227	*$ -*
Comcast Revenues	$ 9,486,000	$ 9,486,000	$ -	*$ 1,054,000*
Total Non-City	**$ 31,978,500**	**$ 57,748,226**	**$ 25,769,726**	***$ 3,829,000***
Total, All Sources	**$ 1,003,418,302**	**$ 1,084,945,415**	**$ 81,527,113**	***$ 56,963,019***
Total FY 2014 - 2023				*$ 1,141,908,434*
With Addiional Three Cents				*$ 1,268,636,581*

If the three cents for additional capital projects is approved, the revenue source would be Unrestricted Cash Capital, and total funding sources for the CIP would increase to $1.269 billion.

Proposed FY 2014 – 2023 Capital Improvement Program Overview

This CIP continues to place a strong emphasis on funding to maintain the City's core facilities and infrastructure.

The Proposed FY 2014 – 2023 CIP addresses two broad areas of expenditure:

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

The Proposed FY 2014 – 2023 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. This focus is supported by the continued use of the same three-Category prioritization system used in the development of the Approved FY 2013 – 2022 CIP.

Similar to FY 2013, the Office of Management and Budget first categorized projects into one of three potential Categories, as well as the City's Information Technology (IT) Plan.

- **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.

The Proposed FY 2014 – 2023 CIP includes $216.7 million for ACPS capital needs, $92.9 million for capacity related projects (Category 3) and $123.8 million for non-capacity projects (Category 1). Projects that would be funded with the additional 3 cents on the tax rate are included on pages 2-20 and 2-21.

The chart below provides a breakdown of funding by Category/IT Plan.

Project Category	Total FY 2014-2023
Category 1 - Asset Maintenance	$449,136,549
Category 2 - Renovations/Existing Assets	$146,929,578
Category 3 - New Facilities	$506,937,307
IT Plan	$38,905,000
Grand Total	**$1,141,908,434**

While Category 3 receives the largest share of funding, it also includes the $272.8 million budgeted for the Potomac Yard Metrorail Station. Additionally, Category 3 includes $92.9 million for new ACPS capacity projects at Patrick Henry and a site to be determined. Over the next several years, City and ACPS staff will continue to work together to better define the long term capital needs of ACPS to inform future capital improvement program development processes.

Proposed FY 2014 – 2023 Capital Improvement Program Overview

The City of Alexandria's Capital Improvement Program (CIP) is a comprehensive plan, which identifies capital projects related to the City's future infrastructure needs and the corresponding funding required to meet those needs.

Beyond basic capital maintenance issues, the Proposed FY 2014 – 2023 CIP reflects a vision for the City's future. The FY 2014 CIP decision making process included an initial effort to integrate the capital plan with City Council's guidance and Strategic Plan. As such, the Proposed CIP includes funding to support growth and economic development through such projects as the Potomac Yard Metrorail Station, Waterfront and Braddock plan implementation projects, public art acquisition program, and continues investments in expanded transportation infrastructure and transit options. The transportation program heavily focuses resources on the City's three planned high capacity transitways, which will in turn support future transportation fluidity, economic growth, and development.

Sewers and ACPS have hundreds of millions of potential future capital infrastructure needs that are not included in the Proposed FY 2014 – 2023 CIP.

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 included in the Proposed CIP. These costs could reach $250 million - $400 million over the next two to three decades.

Additionally, Alexandria City Public Schools has submitted a $357.4 million CIP for consideration, of which $216.7 million is funded in this ten-year plan. As directed by City Council in the budget guidance, the Proposed CIP includes $92.9 million to address capacity issues system-wide, this amount is over $101.1 million less than the amount requested by ACPS, primarily in the last five years of the plan. Funding for non-capacity (capital infrastructure maintenance) is budgeted at $123.8 million, $39.8 million less than the ACPS request. City staff is continuing to discuss capital needs with ACPS staff to determine to appropriate level of capital investments over the ten-year plan, including a joint City – ACPS work group looking at long range enrollment projections.

The additional three cents on the real estate tax rate helps fund some of these capital needs not included in the Proposed FY 2014 – 2023 CIP. If approved, Sewers would receive an additional $26.5 million from FY 2019 – 2023, and ACPS would receive $19.4 million for capacity and non-capacity related projects.

Proposed FY 2014 – 2023 Capital Improvement Program Overview

Definition of a Capital Project:

- ***Greater than $10,000;***
- ***Acquires or improves physical assets with useful life of 3 or more years; and***
- ***Not day-to-day maintenance.***

City Council CIP Guidance:

- ***ACPS capacity;***
- ***Recreation facilities;***
- ***Public safety facilities; and***
- ***Sewers and basic infrastructure.***

Capital Improvement Program 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 ten-year period.

The adoption of the ten-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 2014) 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 a capital project expenditure (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. 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 2014 – FY 2023

In developing the Proposed FY 2014 – 2023 CIP, there were some general guidelines followed in developing the balanced ten-year plan. These guidelines included:

- Using the City Council Approved FY 2013 – 2022 CIP as the "base" for the City Manager's Proposed FY 2014 – 2023 CIP;
- Incorporating City Council guidance into the plan with emphasis on schools capacity, recreation facilities, sewers and basic infrastructure, and public safety facilities;
- Working to align projects with our City's Strategic Plan and long-term and intermediate outcomes with an emphasis on preserving and maintaining our City's existing physical assets;
- Ensuring analysis is provided on increased debt service and adherence to debt policies over the life of the plan;
- Reviewing all projects to determine if the project scope and cost estimates were accurate; and
- Providing additional projects which could be funded with additional resources (a summary of which can be found on pages 2-20 and 2-21, and 4-5 and 4-6)

Additionally, a new internal process for developing the Capital Improvement Program was implemented in FY 2014, and also provided guidance on determining project prioritization. The new process is detailed on the next page.

The CIP Process Improvement Team was charged with evaluating the prior CIP development process and recommending improvements.

FY 2014 – 2023 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 new 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 our 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's long-term and intermediate outcomes.

Throughout October and November 2012, CIP Process Improvement Team members met once a week to discuss the current CIP development process, recommend changes for a more efficient and transparent development process, and provide a new development schedule for the CIP.

The CIP development process was based on creating fair, open and objective evaluation criteria; receiving quality project submissions; creating a transparent development process; and linking to the City's Strategic Plan and long-term and intermediate outcomes.

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 as Appendix B) that aligns projects with the City's Strategic Plan and long-term and intermediate outcomes.
- **Quality Submissions** – a new project submission form was created, designed to collect relevant information used 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** – integration of work from the new Work Planning Process group, including identification of long-term and intermediate outcomes associated with the City's capital investments.

FY 2014 – 2023 Capital Improvement Program Development (Continued)

A Peer Technical Review Committee will be implemented for the FY 2015 – 2024 CIP development process.

It is important to note that this process effectively changes the way CIP projects are recommended to be reviewed. A Peer Technical Review Committee is recommended to be established to review the feasibility and technical details of each project before being sent to the Cluster Groups for review. Cluster Groups are new to the FY 2014 budget development process, and are headed by the four Deputy City Managers, organized generally by the departments they oversee. The Cluster Groups would then assume the review of projects and make recommendations based on achieving the City's long-term and intermediate outcomes. The Peer Technical Review Committee will be established in the summer of calendar year 2013, and will be an integral part of the development of the FY 2015 – 2024 CIP.

The Information Technology Steering Committee and ACPS will continue to have their own CIP development processes; however, both will incorporate many of the improvements by the CIP Process Improvement Team.

Also of note are the two outside (not managed by OMB) CIP development processes that are recommended to stay intact. The Information Technology Steering Committee (ITSC) is recommended to continue to work with the Chief Information Officer (CIO) to evaluate and recommend information technology projects. It is recommended the ITSC follow the same guiding principles, and use the same evaluation criteria so information technology projects can be evaluated in the context of all City capital projects. Alexandria City Public Schools (ACPS) also manages a separate CIP budget development process. ACPS has been an active participant in the CIP Process Improvement Team, and will follow a similar path in the development of its CIP.

A new scoring tool designed to objectively evaluate and rank CIP project requests was implemented in the fall of 2012.

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. Twenty evaluation criteria were applied to all new project requests and existing projects that requested additional funding. The evaluation criteria used can be found in Appendix B, and the results of the evaluation – the project rankings – are included in Appendix C. For the FY 2014 – 2023 CIP, due to time limitations, only new and revised funding requested were ranked. It is expected that for the development of the FY 2015 – 2024 CIP, all capital project requests will be evaluated and ranked. Additionally, the CIP Process Improvement Team will also be reviewing the evaluation criteria to determine their appropriateness for future CIPs.

The CIP Process Improvement Team has recommended the following development process to be implemented. This process is subject to change by the City Manager.

1. Create project submissions for new and revised CIP projects (*Completed – new project submission form developed in fall 2012).*

FY 2014 – 2023 Capital Improvement Program Development (Continued)

2. Score projects using an evaluation checklist tool *(Completed – evaluation tool used on all new and revised funding requests; evaluation criteria to be reviewed by the CIP Process Improvement team for relevance in spring 2013).*
3. Have CIP Technical Review Committee comment on project requests.
4. Provide the ranked list to the Cluster Groups *(Headed by Deputy City Managers - to be implemented next year).*
5. Request feedback from the City Manager's Office where recommendations are needed prior to finalizing the CIP project rankings; incorporate City Council guidance into the project evaluations (*Completed).*
6. Produce the Proposed CIP document; provide details on project prioritization and project rankings *(Completed).*

Because of the timing of the creation of the CIP Process Improvement Team, and the completion of its recommendations, not all recommendation were implemented in FY 2014. It is expected that the CIP Process Improvement Team will reconvene after the Proposed CIP is presented to City Council and full implementation of the new development process will be incorporated into the FY 2015 – 2024 CIP.

All projects in the FY 2014 – 2023 CIP are now accompanied by a detailed Sources and Uses table.

Several other improvements were implemented as part of the CIP Process Improvement Team review. 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 clear picture of prior year resources available to complete on-going capital maintenance needs. Projects which have large unused prior year balances may have funding reprioritized in the early years of the ten year plans until project implementation rates suggest the need for funds and shows a draw down of prior year available balances.

A new document format was implemented to provide clear, concise, consistent and relevant information for each project.

A new document format was created for FY 2014. OMB staff has suggested that the CIP document become a better communication tool for providing an overall picture of the capital investments in the City. The goals of the new document include:

- Communicating a direct relationship to Strategic Plan goals, long-term outcomes, and intermediate outcomes;
- Making the document more aesthetically pleasing;
- Providing consistency in the project descriptions across different CIP sections;
- Incorporating a sources and uses spreadsheet for each individual project as noted in the financing plan section; and
- Providing more relevant information on additional operating impacts and changes from the prior year plan.

It is noted that many of the changes to the Proposed CIP document have been recommended by the Budget and Fiscal Affairs Advisory Committee (BFAAC), and are designed to communicate the City's capital needs and priorities clearer. A description of all the document changes and information contained on each individual project page can be found on page 6-3.

Future Process Improvements

Operating Impact Statements will continue to be improved for all projects in future CIP's. The process will also be designed to formally consider these impacts in determining project priority.

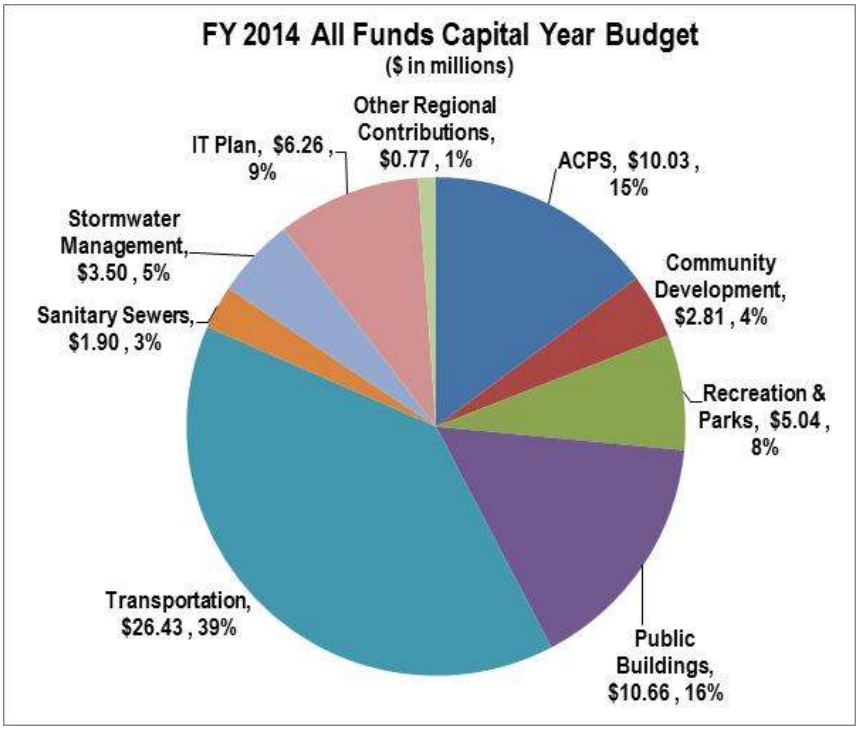
Future CIP's will include continued improvement of additional operational impacts. Many projects in the Proposed FY 2014 - 2023 CIP incorporate this information, but it is not yet universally available for all projects. Furthermore, future CIP development processes should weigh operating budget impacts more carefully when determining relative project priorities. Again, these are considerations that are informally built into the process today, but the goal is to formalize and refine them in the future.

Another future improvement recommended by the CIP Process Improvement Team is for projects to attain a minimum level of design, engineering, scoping, cost estimates, community coordination, etc., before the project enters the fifth year of the CIP. If this is to be an expectation, it will have to be resourced. There is not a one-size-fits-all approach to how this work should be completed – departments may request funds or may have in-house capability and projects can vary widely in cost and complexity.

The Proposed FY 2014 capital year budget includes $67.4 million in total funding. This includes $12.2 million in non-City (State and Federal grants, private capital contributions) sources. With the additional 3 cents on the real estate tax rate for capital projects (not included in the pie chart), the Proposed FY 2014 capital year budget totals $83.1 million.

FY 2014 Proposed CIP Expenditures

The total Proposed CIP for FY 2014 is $67.4 million, which includes $12.2 million in non-local revenues and $5.6 million from the City's Transportation Improvement Program. This is an increase of $8.1 million, or a 13.6% increase over the previously planned funding for FY 2014 in last year's Approved CIP. If the projects funded with the additional 3 cents on the real estate tax rate are included, the CIP would increase $23.8 million, or 40.1% over last year's Approved CIP. A listing of all projects included in the FY 2014 capital year budget can be found on pages 4-6 through 4-13.



Projects funded with the additional 3 cents are included on pages 2-20 and 2-21, and are not factored into the total amount associated with the Proposed CIP document section. A summary of the proposed FY 2014 capital year budget highlights follows:

Highlights of the FY 2014 Capital Year Budget

Alexandria City Public Schools (FY 2014 – $10.0 million)

- $5.0 million included for a capacity-related project at Patrick Henry (the remaining $38.0 million required for project completion is budgeted in FY 2015).
- $5.0 million for non-capacity projects which include existing asset capital infrastructure improvements.
- While the project was fully funded in FY 2012 – 2013, the new Jefferson-Houston K-8 facility is scheduled to be under construction in FY 2014.

Highlights of the FY 2014 Capital Year Budget

Community Development (FY 2014 – $2.8 million)

- $1.045 million for preliminary planning and design work associated with the Waterfront Small Area Plan ($0.8 million) and pedestrian and traffic flow improvements in the King Street/Union Street area ($0.25 million). The infrastructure improvements are funded with prior year available balances from the Transportation Improvement Program (TIP).
- $0.7 million for Fire Department vehicle and apparatus replacement. This is a new project in this year's CIP, as the City will use GO bonds for the purchase of the equipment, with the Fire Department Equipment Replacement Fund providing proceeds for the debt service payments.

Recreation and Parks (FY 2014 – $5.0 million)

- $0.545 million to complete work at Chinquapin Aquatics Center. A total of $2.145 million for critical capital infrastructure repairs has been budgeted for this project from FY 2012 – 2014.
- $2.8 million to maintain our existing recreation capital assets including playground repairs, pool repairs, park improvements, and recreation center capital infrastructure needs.
- $0.35 million to begin work on a renovated Patrick Henry recreation center, with total costs budgeted at $6.5 million from FY 2014 – 2016.
- $0.6 million for open space funding to meet immediate acquisition needs.

Public Buildings (FY 2014 – $10.7 million)

- $4.6 million is budgeted to maintain capital infrastructure at facilities Citywide including our historic facilities, libraries, public safety and general government facilities.
- An additional $1.3 million is provided for a dedicated Emergency Operations Center (EOC), relocation of the Sheriff's Administration Offices, the Hack Inspection Office, and emergency supply storage at the Public Safety Center. This brings total project funding to $4.8 million.

Transit and Transportation Infrastructure (FY 2014 - $26.4 million):

- $17.9 million for Public Transit projects including $6.8 million for WMATA capital contributions and $7.3 million for DASH bus replacement and expanded and enhanced routes. Potomac Yard Metrorail Station is budgeted at $1.98 million in FY 2014, from the Special Tax District and development contributions. The total project budget for the Metrorail Station is currently $277.1 million.
- $0.6 million for High Capacity Transit Corridors. This will complete funding for the Route 1 Transitway, a $20.8 million dollar project expected to be completed in late FY 2014.

Highlights of the FY 2014 Capital Year Budget

- $3.3 million for Non-Motorized Transportation including $1.3 million in additional grant funding for the Holmes Run Greenway and $0.6 million to continue to expand the Capital Bikeshare program. A Bicycle Master Plan update is also budgeted at $0.5 million.
- $2.0 million is budgeted for Streets and Bridges, including the shifting of Street Resurfacing ($1.375 million) from the operating budget to the capital budget beginning in FY 2014. In FY 2015, these funds will be utilized to leverage additional State Revenue Sharing funds.
- $2.7 million for Fixed Transportation Equipment to maintain our existing infrastructure (mast arms, traffic lights, etc.) and provide funding for technology projects designed to enhance mobility throughout our transportation network.

Sanitary Sewers (FY 2014 - $1.9 million)

- $1.9 million for on-going capital maintenance of the City's sanitary sewer infrastructure and permit compliance.

Stormwater Management (FY 2014 - $3.5 million)

- $3.5 million for on-going capital maintenance of the City's storm sewer infrastructure and permit compliance, which includes $2.2 million to mitigate damage from Tropical Storm Lee. Up to 75% of these expenditures may be eligible for reimbursement by FEMA.

Other Regional Contributions (FY 2014 - $0.78 million)

- $0.37 million for Northern Virginia Regional Park Authority capital contributions.
- $0.29 million for Northern Virginia Community College capital contributions.
- $0.12 million for Peumansend Creek Regional Jail capital contributions.

Information Technology (FY 2014 - $6.2 million)

- $0.7 million for the first of two years of funding for a new permit processing system; total project cost estimated at $1.9 million.
- $0.6 million to complete funding for the Computer Aided Dispatch (CAD) project; total project budget is $15.0 million.
- $3.4 million to maintain the City's information technology network infrastructure.

Proposed FY 2014 – 2023 Capital Improvement Program Overview

The Proposed FY 2014 – 2023 CIP includes $1.142 billion in capital projects, including $61.6 million of non-City funds and $56.6 million in capital improvements from the City's Transportation Improvement Program (TIP) approved by City Council in FY 2012.

If the additional 3 cents on the real estate tax rate for capital projects is approved, the FY 2014 – 2023 CIP would total $1.269 billion.

Of the total $216.7 million included for ACPS, funding to address capacity issues throughout the ACPS school system is budgeted at $92.9 million from FY 2014 – 2018.

Windmill Hill Park Bulkhead scheduled for replacement in FY 2015 – 2016.

The Proposed FY 2014 – 2023 Capital Improvement Program totals $1.142 billion, which represents a $3.9 million, or 0.4%, increase from the Approved FY 2013 - 2022 CIP. To achieve a true comparison of the two plans, FY 2013 and FY 2023 must be removed from the comparison. When comparing only nine years (FY 2014 – 2022), the Proposed CIP increases $81.5 million, or 8.1% over last year's Approved CIP. If the projects funded with the additional 3 cents on the real estate tax rate are included, an additional $126.7 million would be added to the $1.141 billion CIP, for a ten-year total of $1.269 billion. A listing of all projects included in the FY 2014 - 2023 CIP can be found on page 4-7 through 4-13. A listing of projects to be funded with the additional 3 cents can be found on pages 2-20 and 2-21 and pages 4-5 and 4-6.

The Proposed FY 2014 - 2023 Capital Improvement Program focuses on repairing, refurbishing, renovating, rehabilitating, and reconstructing existing physical assets. In addition, the CIP calls for new capital projects that will save future operating costs, provide stimulus for new economic development, and help solve the growing transportation problems. The chart on page 2-19 illustrates CIP spending (both City and non-City sources) according to project category for each year in the ten-year plan. Highlights from each CIP section include:

Alexandria City Public Schools (ACPS) (FY 2014 – 2023 - $216.7 million):

- A total of $216.7 million over ten years has been included in this CIP for the capital needs of the Alexandria City Public School System (ACPS) for Schools projects.
- $92.9 million is planned to address capacity issues through projects such as additional capacity at Patrick Henry and a new school at a yet to be identified location to address increasing school system enrollment.
- $123.8 million is planned for major facilities maintenance projects throughout the ACPS system.

Public Buildings (FY 2014 – 2023 - $111.9 million)

- $40.7 million is budgeted to maintain capital infrastructure at facilities Citywide including our historic facilities, libraries, public safety and general government facilities.
- $17.8 million to provide HVAC and other critical capital infrastructure upgrades at City Hall.
- $47.1 million for four fire station renovation projects from FY 2015 – 2021.

Recreation & Parks (FY 2014 – 2023 - $79.9 million)

- $26.6 million is budgeted to maintain our existing recreation capital assets including playground repairs, pool repairs, park improvements, and recreation center capital infrastructure needs.
- $23.3 million to convert athletic fields to synthetic turf, and replace existing carpet (turf) past its useful life.
- $6.5 million for a renovated Patrick Henry Recreation Center.

Highlights of the Proposed FY 2014 – 2023 Capital Improvement Program

- $4.0 million to replace the Windmill Hill Park Bulkhead.
- $23.3 million for open space acquisition.
- $2.9 million for Marina repairs including repair of the Marin's seawalls and utility upgrades.

Transit and Transportation Infrastructure (FY 2014 – 2023 - $539.8 million):

- $272.8 million in cash and bond funding earmarked for the proposed new **Metrorail station in Potomac Yard**; total project costs are $277.1 million.
- $136.5 million in funding for **Public Transit** improvements. Significant projects include:
  - $74.5 million for WMATA capital contributions.
  - $46.4 million for DASH bus replacements.
  - $10.4 million for expanded DASH bus and trolley/circulator service.
- $30.6 million for **High Capacity Transit Corridors**. Significant projects include:
  - $24.5 million for Transit Corridor "C" (Beauregard) Construction.
- $65.0 million for **Streets & Bridges**. Significant projects include:
  - $41.1 million for Street Resurfacing and Reconstructions of major roads. This funding was previously budgeted in the operating budget. Moving to the capital budget allows the City to leverage State Revenue Sharing funds with City dollars. Funding is 50% from the City and 50% from the State Revenue Sharing Program. $21.2 million of funding is from City sources, with $19.9 million in State Revenue Sharing funds, which are approved by VDOT on an annual basis.
  - $10.1 million for one-time improvement projects including Duke Street Complete Streets, Madison and Montgomery Reconstruction, and Mt. Vernon Avenue and Russell Road Improvements.
  - $5.2 million for bridge repairs.

Street Resurfacing of Major Roads is moved to the CIP from the operating budget to better leverage State Revenue Sharing funds.

- $21.1 million for **Non-Motorized Transportation**. Significant projects include:
  - $7.9 million to implement complete streets infrastructure improvements.
  - $6.7 million for non-motorized transportation improvements along the Backlick Run multi-use path and Old Cameron Run trail.
  - $2.5 million for Capital Bikeshare and a Bicycle Master Plan Update.

Highlights of the Approved FY 2014 – 2023 Capital Improvement Program

- $13.7 million for **Fixed Transportation Equipment**. Significant projects include:
  - $10.6 million for fixed equipment (e.g. signals, mast arm poles, etc.).
  - $2.8 million for transportation technologies designed to move people quicker and more efficiently throughout the City.

Community Development (FY 2014 -2023 - $34.3 million)

- $18.2 million is budgeted for the replacement of Fire Department vehicles and apparatus. This is a new project in the CIP, as these large capital equipment purchases were funded through the Equipment Replacement Fund. Smaller vehicles and equipment will still be funded through the Equipment Replacement Fund.
- $3.4 million is planned for Public Art acquisition and capital maintenance.
- $6.5 million is planned for Marina dredging in FY 2014 – 2015 and FY 2019 – 2020.
- The costs of the Waterfront Plan implementation will be refined during FY 2014 and then reflected in the FY 2015 – 2024 CIP based on availability of funding.

Sanitary Sewers (FY 2014 -2023 - $96.7 million)

- $34.2 million is planned for AlexRenew Wastewater Treatment Plan capacity, which will allow the City to provide needed infrastructure for future development.
- $22.3 million is planned for the Wet Weather Management Facility, which will help mitigate sewer runoff and overflow issues during periods of wet weather.
- $15.3 million to continue work on Holmes Run Infiltration and Inflow remediation. Prior year funding of $19.9 million for a total project budget of $35.2 million.
- For the City to stay in compliance with the future combined sewer system permits, overflows from the combined sewer system (CSS) need to be mitigated. This is in part because of new regulatory requirements of the bacteria Total Maximum Daily Load (TMDL) for Hunting Creek, and in part from new state and federal mandates related to the City's CSS system in the older areas of the City. Total cost of mitigation of these overflows can range as high as $200 million - $300 million over several decades and depends on the type and mix of technologies that get implemented. Funding for these capital improvements is not included as part of the Proposed CIP but will likely be reflected in future CIPs as costs, implementation schedules, and funding plans are developed.

Most capital costs associated with federally mandated capital infrastructure improvements to sanitary sewer and storm sewer infrastructure are not included in the Proposed CIP. These costs could reach $250 million - $400 million over the next two to three decades.

Highlights of the Proposed FY 2014 – 2023 Capital Improvement Program

Stormwater Management (FY 2014 -2023 - $15.8 million)

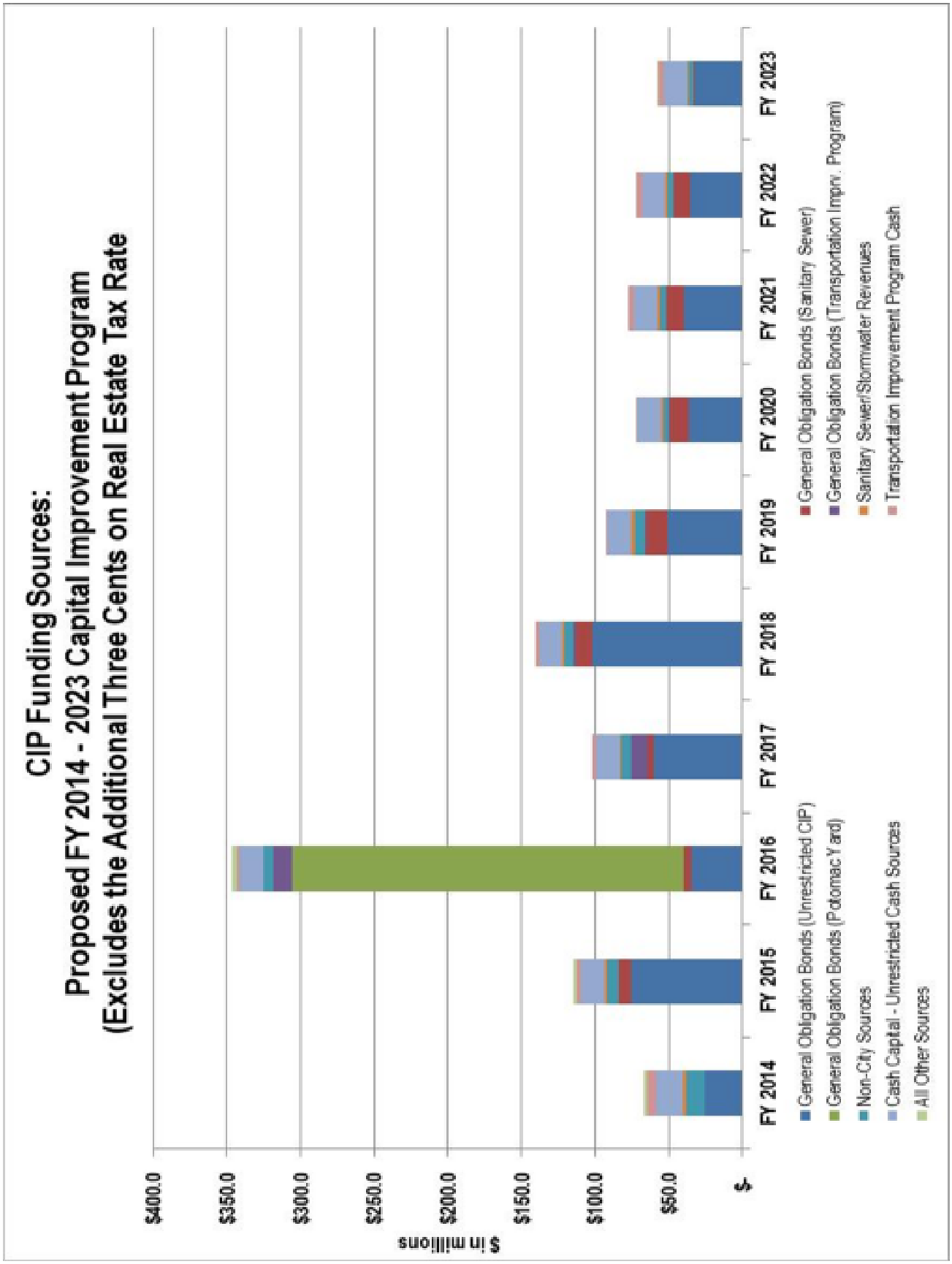
- $7.6 million is planned for stream and channel maintenance and restoration.
- $1.5 million is budgeted for Green Infrastructure projects, which will be a part of the federally mandated capital infrastructure improvements associated with combined sewer systems and water quality improvements.
- For the City to stay in compliance with its MS4 (Municipal Separate Storm System) permit, the City must improve stormwater management and water quality of discharges from its storm sewer system. 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 up to an additional $100 million. These costs will be reflected in future CIPs as costs, implementation schedules, and funding plans are developed.

Information Technology (FY 2014 -2023 - $38.9 million)

- $20.2 million is budgeted for City network infrastructure including servers, operating, equipment replacement, and LAN/WAN infrastructure .
- $3.3 million is planned for Public Safety systems including fully funding the Computer Aided Dispatch (CAD) project.
- $1.9 million is budgeted for a new permit processing system designed for more efficient and effective services both on-line and in person for City staff and persons conducting business with the City.

Other Regional Contributions (FY 2014 - 2023 - $7.8 million)

- $3.71 million for Northern Virginia Regional Park Authority capital contributions.
- $3.65 million for Northern Virginia Community College capital contributions.
- $0.43 million for Peumansend Creek Regional Jail capital contributions.


CIP Funding Sources:
Proposed FY 2014 - 2023 Capital Improvement Program
(Excludes the Additional Three Cents on Real Estate Tax Rate
$ in millions
$400.0
$350.0
$300.0
$250.0
$200.0
$150.0
$100.0
$50.0
$-
FY 2014
FY 2015
FY 2016
FY 2017
FY 2018
FY 2019
FY 2020
FY 2021
FY 2022
FY 2023
General Obligation Bonds (Unrestricted CIP)
General Obligation Bonds (Potomac Yard)
Non-City Sources
Cash Capital - Unrestricted Cash Sources
All Other Sources
General Obligation Bonds (Sanitary Sewer)
General Obligation Bonds (Transportation Impr. Program)
Sanitary Sewer/Stormwater Revenues
Transportation Improvement Program Cash

Additional Projects funded with Three Cents on the Real Estate Tax Rate

Capital Investments with an additional 3 cents on the real estate tax rate, estimated to yield $126.7 million from FY 2014 – 2023

As part of the development of the Proposed FY 2014 – 2023 CIP, the City Manager has compiled a list of additional capital investments which could be implemented with an additional three cents annually on the real estate tax rate, which would yield $126.7 million.

In some cases, the amount of funding represents additional resources which could be applied to a project that has already been funded (e.g. Street Resurfacing, Bridge Repairs). A summary of those projects organized by CIP section is provided below. It is important to note that this additional funding does not appear as part of the individual project descriptions and funding throughout the CIP; nor does it account for additional operating impact on the City's operating budget.

If approved, additional operating impacts associated with these projects would need to be considered as part of future operating budgets.

- **Alexandria City Public Schools (ACPS) - $19.4 million (FY 2014 – 2023)**
  – An additional $19.4 million of the ten-year plan would be designated for ACPS. ACPS would make the determination if the funding would be for capacity or non-capacity projects on an annual basis.

- **Community Development - $1.5 million (FY 2014)**
  – Additional funding for planning, design and engineering of Waterfront Small Area Plan implementation projects including flood control, parks landscape architecture, and pedestrian and traffic improvements.

- **Recreation & Parks - $38.8 million (FY 2014 – 2023)**
  – This additional funding would implement staff recommendations for the Aquatics Plan from FY 2017 – 2023 totaling $25.0 million. Large parks Citywide would receive $10.5 million over the ten-year plan to implement master plan priorities; open space acquisition receives an additional $3.0 million for land acquisition; and $0.3 million is designated for Four Mile Run Park Expansion and improvements at the Old Duron Paint Building in Arlandria.

- **Transportation Infrastructure Projects - $22.3 million (FY 2014 – 2023)**
  – A number of deferred transportation capital infrastructure needs over the ten-year plan would receive additional funding. This includes $11.2 million for street resurfacing and reconstruction (which could be used to leverage additional State Revenue Sharing funds); $5.8 million for the City's non-motorized transportation infrastructure including sidewalks and shared-use paths; $3.0 million for additional bridge repairs; $1.75 million for complete streets initiatives; $0.23 million for additional bus shelters; and a $0.39 million one-time project involving an infrastructure improvement at Route 1 and E. Reed Avenue intersection.

Capital Investments with an additional 3 cents on the real estate tax rate, estimated to yield $126.7 million from FY 2014 - 2023

Additional Projects funded with Three Cents on the Real Estate Tax Rate (Continued)

• **Public Buildings - $4.4 million (FY 2014, FY 2017 – 2023)**

– Additional funding ($0.5 million) for planning, design and engineering for all City projects to better define project scope and cost estimates; $1.9 million for deferred capital infrastructure needs at City owned facilities; and $2.0 million for renovations to Market Square.

• **Sewers - $26.5 million (FY 2019 – 2023)**

– Capital funding for federally mandated improvements for our combined sewer system and new permitting requirements for water quality improvements. This funding is only for stormwater projects, as capital infrastructure needs for the City's sanitary sewer system will likely be funded with the dedicated sanitary sewer fees.

• **Information Technology - $10.0 million (FY 2019 – 2023)**

– Installation of City owned fiber and wireless broadband networks independent of the current Institutional network infrastructure is estimated at $10.0 million.

• **Debt Service Reduction – $1.0 million (FY 2014)**

– A small portion of the additional three cents on the base real estate tax rate will be used to pay down existing debt in FY 2014, which will provide greater flexibility for future borrowing within the City's debt limit ratios.

• **Self Contained Breathing Apparatus (SCBA) - $2.8 million (FY 2014)**

– Additional capital funding to replace all Self Contained Breathing Apparatus (SCBA) that has exceeded its useful life. While this is noted as a capital expenditure, this one-time capital purchase would to be funded through the operating budget in accordance with governmental accounting standards. The cash proceeds in FY 2014 required for purchase would be maintained in the operating budget.

The FY 2014 – 2023 CIP will be primarily financed with General Obligation Bonds, Cash Capital, Grants and Other Special Revenue.

The Proposed FY 2014 – 2023 is financed by 24% cash sources and 76% bonds. In FY 2014, the Capital Year Budget is 62% cash sources and 38% bonds.

FY 2014 – 2023 Proposed CIP Funding Sources

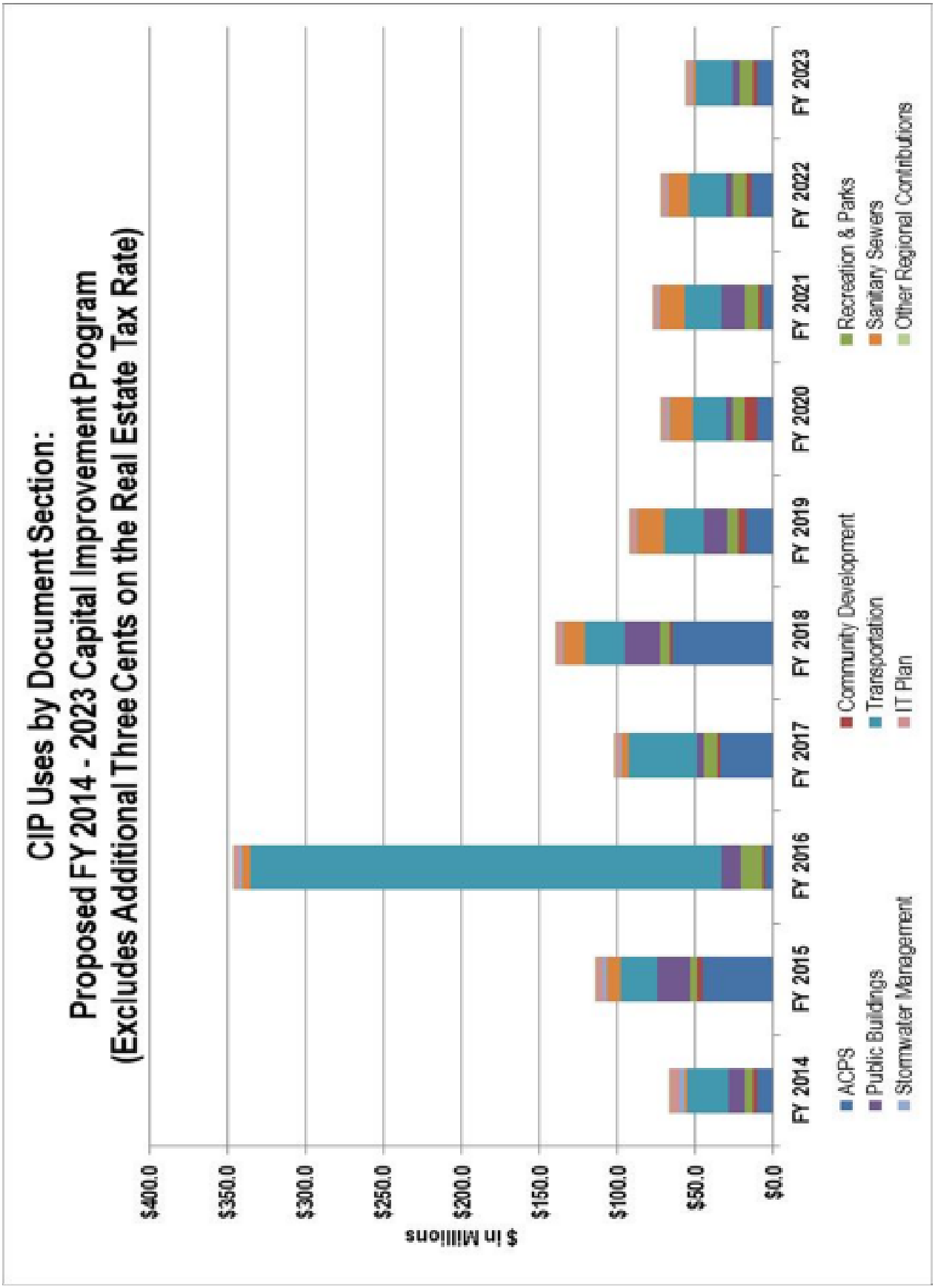
The City will continue to use both pay-as-you-go cash capital financing and debt issuances over the next ten years in a manner that maintains compliance with its debt-related financial policies and as dictated by the economy and resulting pressure on the operating budget. The chart on the following page shows the breakdown of funding sources (City sources and non-City sources) for each year of the ten-year plan.

Funding the total ten-year capital program of $1.142 billion for the City and the Schools will be provided through a mix of sources including:

($ in millions)

Funding Sources	FY 2014 - 2023 Funding
General Obligation Bonds (Unrestricted CIP)	$ 494.0
General Obligation Bonds (Sanitary Sewer)	$ 80.2
General Obligation Bonds (Potomac Yard)	$ 265.3
General Obligation Bonds (Transportation Imprv. Program)	$ 28.0
Non-City Sources	$ 61.6
Sanitary Sewer/Stormwater Recurring Revenues	$ 14.6
Cash Capital - Unrestricted Cash Sources	$ 161.3
Transportation Improvement Program Cash	$ 28.6
All Other Sources	$ 8.3
All Other Sources	**$ 1,141.9**

The FY 2014 - 2023 capital funding plan reflects the planned issuance of $867.5 million in general obligation bonds through FY 2023. These bonds are supported by Sanitary Sewer Fund fees ($80.2 million), the City's Transportation Improvement Program ($28.0 million), and Potomac Yard Special Tax District Revenues and Development Contributions ($265.3 million) in addition to the $494.0 million in General Obligation Bonds supported by the City's General Fund. Bond funding represents 76 percent of all funding sources in the ten-year CIP. The stacked graph on the next page shows the distribution of CIP funding sources over the ten-year plan.


CIP Uses by Document Section:
Proposed FY 2014 - 2023 Capital Improvement Program
(Excludes Additional Three Cents on the Real Estate Tax Rate)
$ in Millions
$400.0
$350.0
$300.0
$250.0
$200.0
$150.0
$100.0
$50.0
$0.0
FY 2014
FY 2015
FY 2016
FY 2017
FY 2018
FY 2019
FY 2020
FY 2021
FY 2022
FY 2023
ACPS
Public Buildings
Stormwater Management
Community Development
Transportation
IT Plan
Recreation & Parks
Sanitary Sewers
Other Regional Contributions

Proposed FY 2014 – 2023 Capital Improvement Program Overview

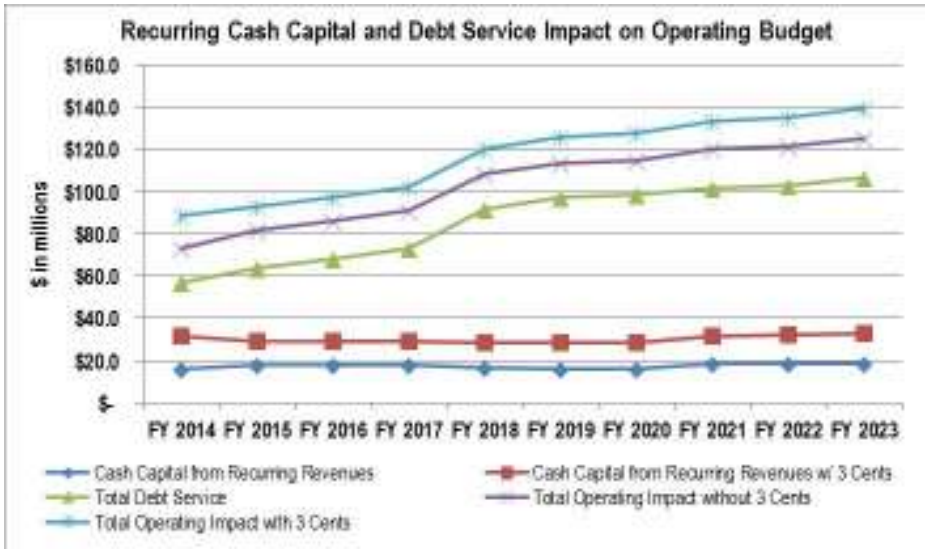
Annual impact on the operating budget significantly impacts the amount of debt the City can issue.

The Proposed FY 2014 – 2023 Capital Improvement Program assumes a substantial amount of debt ($867.5 million) issuance to fund the capital infrastructure needs identified throughout this document. Based on prior reviews by, and discussions with Moody's and S&P, this amount of debt should not endanger the City's hard-earned AAA/Aaa bond ratings. This amount of investment will impact the annual operating budget.

Debt service payments increase each year of the CIP, peaking at $106.8 million in FY 2023. This includes debt service payments for the Potomac Yard Metrorail Station, to be funded through Special Tax Districts and development contributions.

As illustrated by the chart below, the annual repayment on the principal and interest due on our general obligation bonds will increase from $48.6 million in FY 2013 to $57.0 million in FY 2014, and increase each year until peaking at $106.8 million in FY 2023. These amounts reflect the debt service for the self-financed Potomac Yard Metrorail Station. While the annual debt service increases each year until FY 2023, the planned growth of the annual cash capital contribution to the CIP from $15.9 million in FY 2014 to $18.7 million in FY 2023 drives much of the increase in the operating budget as well. This increase maintains a desired 25 percent/75 percent ratio of cash capital and bonds. Should the additional three cents on the base real estate tax rate for capital projects receive City Council approval, the annual cash contribution for the CIP would increase to $32.7 million by FY 2023. This planned financing structure would keep the average pay-as-you-go portion of the CIP at 24 percent for the ten-year period; that percentage of pay-as-you go CIP is skewed because of the one-time $265.3 million General Obligation Bond planned to be issued in FY 2016 for the new Potomac Yard Metrorail Station. If the additional 3 cents on the real estate tax rate for capital projects is approved, the pay-as-you-go portion of the CIP would increase to 31 percent over the ten-year period.

The Proposed FY 2014 – 2023 CIP also plans to grow the annual cash capital contribution each year before peaking at $18.7 million in FY 2023, and includes the annual additional cash capital contribution for the City's Transportation Improvement Program. If the additional 3 cents on the real estate tax rate is added, the annual cash contribution would increase to $32.7 million in FY 2023.



Note: Cash Capital from current revenues includes the reserved 2.2 cents on the base real estate tax rate for the Transportation Improvement Program fund.

For the base CIP, the City will remain within adopted debt ratio limits. Because debt related to the proposed Potomac Yard Metrorail Station will cause some of these limits to be exceeded, an upward revision to these limits is planned.

The City will remain in compliance with our adopted debt ratio limits, but will likely exceed two of our current debt ratio targets within the ten-year plan when debt related to the Potomac Yard Metrorail Station is considered.

Under this funding plan, the City's debt as a percentage of the fair market value of real property is 1.5 percent in FY 2016 when removing Potomac Yard Metrorail Station for the analysis, and peaks at 1.6 percent in FY 2018 – the ceiling of the City Council approved debt limits, then drops to 1.23 percent in FY 2023. Factoring in Potomac Yard Metrorail Station debt, this ratio peaks at 2.37 percent in FY 2018, which will pass the City's current limit. The debt to tax base ratio is the most important debt ratio considered by the bond rating agencies. Based on the City's discussion with the rating agencies, the issuance of Potomac Yard Metrorail Station debt will not endanger the City's bond ratings because it is an economic development long-range investment to be supported by dedicated taxes and still keeps this ratio in a moderate range for AAA municipalities. The analysis below shows the debt limits with and without Potomac Yard Metrorail Station debt, to ensure that when removing the Potomac Yard Metrorail Station debt, the City stays in compliance with prior approved debt limits.

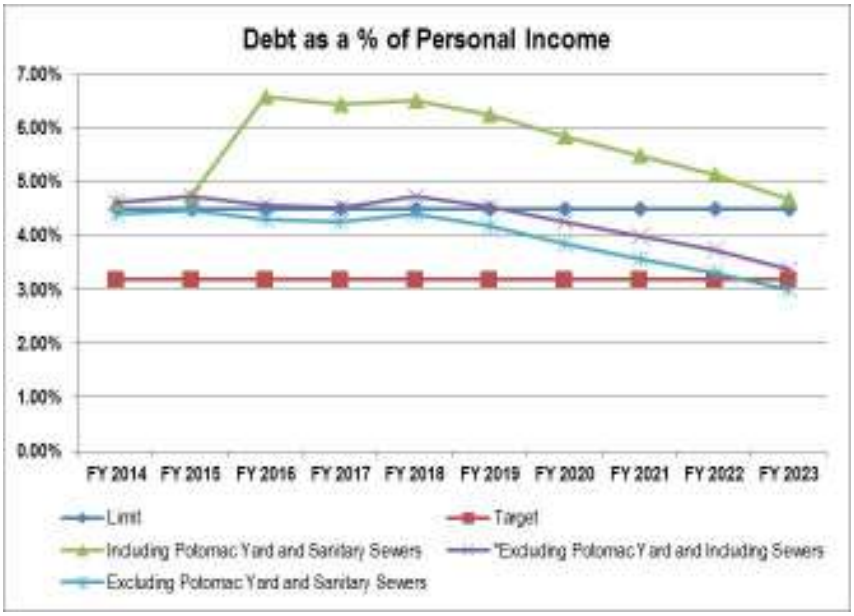
Backing out the Potomac Yard Metrorail Station planned debt, debt as a percent of fair market value remains under the City's current target, although it does reach the target in FY 2018 before dropping significantly

** Sanitary Sewer debt is backed by dedicated revenues for Sanitary Sewers; they are considered similar to revenue bonds and not counted against the City's debt limits.*

The City will be amending this guideline in the near future to address the planned Potomac Yard Metrorail Station debt issuance. 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 relatively quickly. This debt ratio continues to be below that of other AAA/Aaa rated jurisdictions.

The City Manager recommended and City Council adopted a revision of the debt policy guidelines in 2008 (Debt as a percent of Personal Income).

Based on comparison with other AAA/Aaa rated jurisdictions and recommendations by the Budget and Fiscal Affairs Advisory Committee (BFAAC), the City Manager recommended and Council adopted on June 24, 2008, a revision to one guideline - the debt per capita as a percent of per capita income - which was adjusted upward to a 3.2 percent target and 4.5 percent limit. This new target and limit are in the range of what other Washington area jurisdictions experience that have a triple-A bond rating. This revision also resynchronized this guideline with that for debt as a percent of the fair market value of real property. These two indicators had diverged since they were last reviewed and adopted by City Council in December 1997. Further revisions to this guideline will be proposed in FY 2014 as a result of the projected debt issuance for the planned Potomac Yard Metrorail Station.

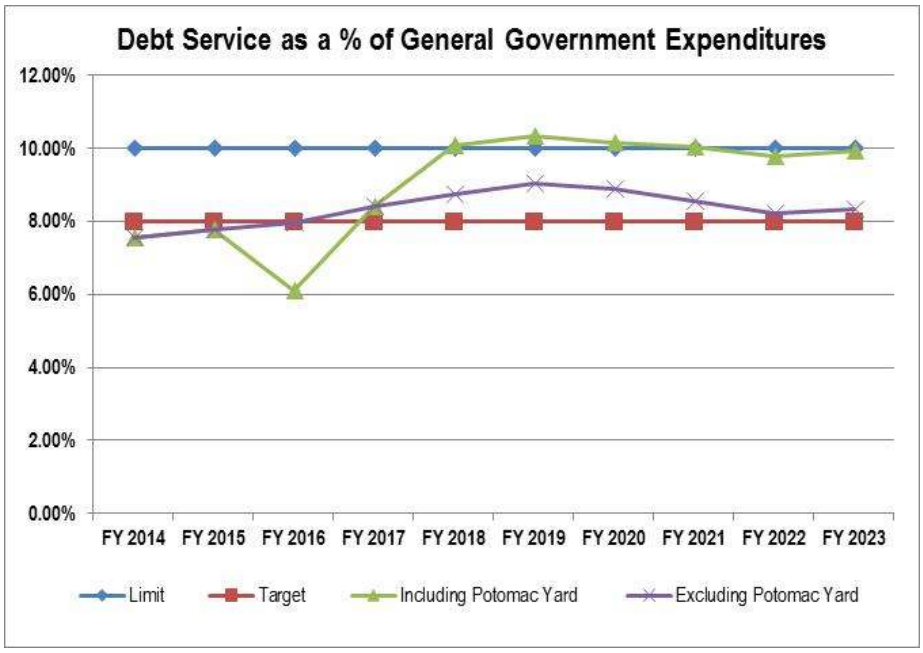


** Sanitary Sewer debt is backed by dedicated revenues for Sanitary Sewers; they are considered similar to revenue bonds and not counted against the City's debt limits.*

The City's ratio of debt as a percent of personal income at the end of Fiscal Year 2014 is projected to be 4.4 percent, which will exceed the 3.2 percent target, but stay below the limit of 4.5 percent. While this plan takes the City close to the debt ratio limit, the ratio steadily improves as we move into the later years of the plan. Factoring in the Metrorail Station borrowing, this ratio will pass the current limit in FY 2016 peaking at of 6.59 percent. In a similar result as that seen in the debt as a percentage of assessed value ratio, this debt ratio quickly improves towards the end of this decade as growth, including development of Potomac Yard, boosts projected personal income levels. The City would fall back within the current limit likely by FY 2024.

The figure below shows Debt Service as a Percentage of General Government Expenditures including the impact of Potomac Yard Metrorail Station borrowing. The City slightly exceeds its limit in FY 2018 – 2021 before dropping back under the limit in FY 2022.

Under current assumptions for the next ten years, the annual increase to total debt service increases at a faster rate than total City spending. For this reason, the ratio trends higher in each year of the plan, before leveling off in FY 2020. Although the City's ratio is increasing, the City would remain well below our limit of 10% when removing Potomac Yard Metrorail Station funding.



Potomac Yard Metrorail Station planned debt has necessitated a look at the City's conservative debt guidelines, and will not jeopardize the AAA/Aaa bond ratings.

Future Revisions to Debt Policy Guidelines Planned:

The new Metrorail station financing projections indicate the cost could be as much as $275.0 million. This will be fully funded by a package that would include significant developer contributions, a special tax district assessment, and by some of the net new tax revenues generated by this development. There should not be a negative General Fund impact. In fact, within ten years the General Fund is expected to start earning new tax revenues from development in Potomac Yard which have been previously projected to total in excess of $500 million over 30 years.

General Obligation Bonds for Potomac Yard are projected to be issued in FY 2016 and will have significant impact on the City's debt ratios. The City's conservative debt policy guidelines described in this CIP chapter will be amended to account for this major economic development. These changes in the guidelines would likely be proposed in FY 2016.

Eco-City Initiative and the Capital Improvement Program

The Proposed FY 2014 – 2023 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, Holmes Run Sewershed Infiltration and Inflow, and Holmes Run Trunk Sewer. Additionally, two projects are added included in the Proposed FY 2014 – 2023 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 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 2014 – 2023 CIP supports the Eco-City Charter and Environmental Action Plan with continued funding both now and well into the future.

STRATEGIC PLAN

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Alexandria's Strategic Planning Process

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 2014 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 2014 – 2023 Capital Improvement Program (CIP) development process, providing City staff the framework in which 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.

Long Term Outcomes:

- Increase the City's commercial and residential tax bases
- Increase livability of residential neighborhoods
- Increase visitor spending within the City
- Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
- Increase the City's non-residential and residential tax base

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

Long Term Outcomes:

- Improve residents' general health status
- Improve air quality within the City
- Improve the natural quality of land within the City
- Improve the health of the waterways within the City
- Decrease residents' incidence of preventable diseases

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

Long Term Outcomes:

- Increase the use of non-single occupancy vehicle modes of transportation
- Increase the proximity of goods and services to residents

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

Long Term Outcomes:

- Reduce the number of youth engaging in risky behaviors
- Increase the engagement in meaningful activities for residents with behavioral and mental health disorders
- Increase the educational attainment of all adult City residents
- Increase the number of high school graduates that go on to being involved in productive post-secondary activities

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

Long Term Outcomes:

- Improve community's perception of the effectiveness of City services
- Improve effectiveness of City services for the benefit of the public
- Maximize services per tax dollar
- Maintain the value of the City's physical assets

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

Long Term Outcomes:

- Improve how safe the public feels in the community
- Decrease deaths, injuries and loss of property from disasters
- Decrease the loss of property from fire
- Decrease the loss of property from disasters

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

Long Term Outcomes:

- Ensure all in the City are treated fairly and justly
- Improve City residents' feeling on how included they are in the community
- Increase visitation to our history, arts, cultural activities and sites
- Increase the City's historical elements that are preserved

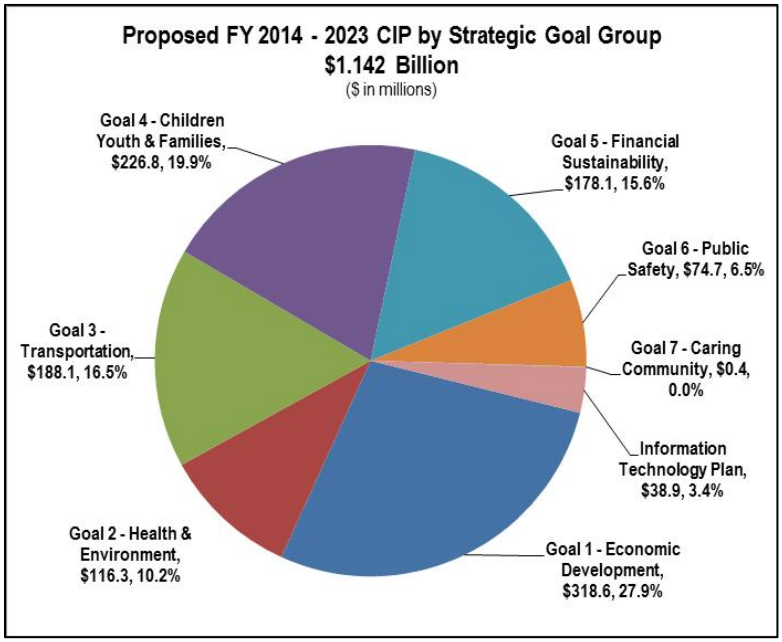
IT Plan: Information from the City's IT Plan was not incorporated in the distribution of projects among the Strategic Plan Goals, which is why it is a separate Category in the Proposed FY 2014 – 2023 CIP. Information detailed for IT Plan Strategic Plan Goals is available, and it will be incorporated into the Approved FY 2014 – 2023 CIP document.

Long Term Outcomes:

- Improve how safe the public feels in the community
- Decrease deaths, injuries and loss of property from disasters
- Decrease the loss of property from fire
- Decrease the loss of property from disasters

Proposed FY 2014 – 2023 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 2014 -2023 CIP totals $1.142 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. Goal 5 – Financial Sustainability is where most of the City's Capital Facilities Maintenance Program (CFMP) projects are located, as they most closely align with the long-term outcome of Maintain the value of the City's physical assets.

Each individual project page throughout the document details the most relevant Strategic Plan Goals and long-term and intermediate outcomes associated with the project. For the purposes of the summary of projects on the next page, the first Strategic Plan Goal listed is classified as the most relevant, and that is the Strategic Plan Goal the project is grouped with on the summary pages that follow.

Table 1
Proposed FY 2014 – 2023 Capital Improvement Program
Capital Improvement Program Projects by Strategic Plan Goal

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 1 - Economic Development	$6,742,000	$4,782,453	$4,041,774	$268,710,000	$1,075,000	$1,088,500	$1,299,500	$11,778,500	$11,917,500	$12,317,500	$1,577,500	$318,588,227
Goal 2 - Health & Environment	$28,438,400	$6,859,854	$12,599,854	$9,124,854	$8,499,854	$17,674,854	$23,224,854	$11,174,854	$10,724,854	$7,874,854	$8,574,854	$116,333,540
Goal 3 - Transportation	$33,350,323	$19,048,980	$16,418,000	$26,173,000	$30,313,000	$18,198,000	$18,128,000	$13,203,000	$15,168,000	$16,068,000	$15,368,000	$188,085,980
Goal 4 - Children Youth & Families	$0	$10,663,536	$45,817,846	$10,838,869	$33,884,138	$64,688,131	$18,024,955	$10,740,725	$7,433,532	$14,521,777	$10,204,665	$226,818,174
Goal 5 - Financial Sustainability	$26,274,352	$16,910,019	$29,530,700	$14,624,000	$21,473,000	$15,900,000	$15,450,000	$17,425,000	$16,682,000	$14,960,000	$15,120,000	$178,074,719
Goal 6 - Public Safety	$5,734,953	$2,834,465	$1,463,738	$13,592,085	$3,646,506	$18,871,000	$13,064,000	$4,171,000	$11,937,000	$2,608,000	$2,525,000	$74,712,794
Goal 7 - Caring Community	$72,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$390,000
Information Technology Plan	$8,223,311	$6,264,000	$4,759,000	$3,254,000	$3,304,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$38,905,000
Total, All Strategic Plan Goals	$108,835,339	$67,402,307	$114,669,912	$346,355,808	$102,234,498	$140,013,485	$92,784,309	$72,086,079	$77,455,886	$71,943,131	$56,963,019	$1,141,908,434

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	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 1 - Economic Development												
Community Development												
Braddock Road Area Plan - Streetscape Improvements	*$45,000*	$332,680	$296,553	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$989,233
King Street Plan Implementation	*$0*	$0	$0	$150,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$900,000
Landmark/Van Dorn Area Plan Implementation	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
Public Art Acquisition	*$50,000*	$100,000	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$3,200,000
Public Art Conservation Program	*$10,000*	$15,000	$15,000	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$195,000
Transportation Signage & Wayfinding System	*$0*	$225,000	$200,000	$0	$515,000	$361,000	$432,000	$241,000	$0	$0	$0	$1,974,000
Waterfront Small Area Plan Implementation	*$0*	$1,045,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,045,000
Recreation & Parks												
Braddock Area Plan Park	*$0*	$764,773	$855,221	$0	$0	$0	$0	$0	$0	$0	$0	$1,619,994
Sanitary Sewers												
AlexRenew WWTP Capacity	*$500,000*	$0	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$34,220,000
Holmes Run Trunk Sewer	*$5,637,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transportation												
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Parking Technologies	*$0*	$0	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$310,000
Potomac Yard Metrorail Station	*$500,000*	$1,975,000	$2,525,000	$268,300,000	$0	$0	$0	$0	$0	$0	$0	$272,800,000
Seminary Rd. at Beauregard Ellipse	*$0*	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$325,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Goal 1 - Economic Development Total	*$6,742,000*	$4,782,453	$4,041,774	$268,710,000	$1,075,000	$1,088,500	$1,299,500	$11,778,500	$11,917,500	$12,317,500	$1,577,500	$318,588,227

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	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 2 - Health & Environment												
Community Development												
Environmental Restoration	*$388,750*	$0	$0	$150,000	$0	$150,000	$0	$150,000	$150,000	$150,000	$150,000	$900,000
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
Woodrow Wilson Bridge Project	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Regional Contributions												
Northern Virginia Regional Park Authority	*$0*	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$3,708,540
Public Buildings												
Energy Management Program	*$420,000*	$635,000	$800,000	$650,000	$350,000	$600,000	$550,000	$550,000	$650,000	$750,000	$850,000	$6,385,000
Recreation & Parks												
Open Space Acquisition and Develop.	*$5,003,174*	$600,000	$0	$800,000	$1,500,000	$1,350,000	$3,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$23,250,000
Restaurant Depot Contribution Projects	*$300,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Tree & Shrub Capital Maintenance	*$0*	$226,000	$226,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$2,960,000
Water Management & Irrigation	*$96,000*	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$1,280,000
Sanitary Sewers												
Combined Sewer Overflow 001 Planning	*$0*	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Combined Sewer Separation Projects	*$1,100,000*	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$3,200,000
Combined Sewer System Permit Compliance	*$1,840,690*	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,000,000
Holmes Run 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
Reconstructions & Exts. of Sanitary Sewers	*$1,495,918*	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,000,000
Sewer Assessment & Rehabilitation	*$450,000*	$0	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$8,800,000
Wet Weather Management Facility	*$0*	$0	$3,375,000	$1,125,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$22,250,000
Stormwater Management												
Four Mile Run Channel Maintenance	*$1,610,000*	$0	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$1,200,000
Ft. Ward Stormwater	*$460,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Green Infrastructure in CSO Areas	*$0*	$300,000	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
MS4-TMDL Compliance Water Quality Imprv.	*$0*	$800,000	$800,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,600,000
NPDES / MS4 Permit	*$134,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Storm Sewer Capacity Assessment	*$0*	$250,000	$0	$0	$0	$0	$0	$950,000	$0	$0	$0	$1,200,000
Storm Sewer System Spot Improvements	*$2,864,113*	$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	*$838,750*	$2,150,000	$1,100,000	$1,100,000	$550,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$7,600,000
Goal 2 - Health & Environment Total	*$28,438,400*	$6,859,854	$12,599,854	$9,124,854	$8,499,854	$17,674,854	$23,224,854	$11,174,854	$10,724,854	$7,874,854	$8,574,854	$116,333,540

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	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 3 - Transportation												
Transportation												
Access to Transit	*$1,648,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Bicycle Master Plan Update	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$0	$25,000	$225,000	$0	$100,000	$0	$0	$0	$0	$350,000
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bus Shelters and Benches	*$761,250*	$542,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$542,500
Capital Bikeshare	*$400,000*	$600,000	$300,000	$300,000	$0	$270,000	$0	$225,000	$0	$300,000	$0	$1,995,000
Complete Streets	*$1,133,088*	$0	$670,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$7,870,000
DASH Bus Fleet Replacements (Since FY 11)	*$5,161,600*	$4,050,000	$4,450,000	$3,300,000	$7,070,000	$6,360,000	$6,360,000	$3,200,000	$3,200,000	$4,200,000	$4,200,000	$46,390,000
DASH Fleet Expansion	*$1,636,500*	$3,250,000	$0	$0	$3,250,000	$0	$2,600,000	$0	$1,300,000	$0	$0	$10,400,000
Duke Street Complete Streets	*$0*	$0	$0	$0	$0	$0	$0	$210,000	$2,100,000	$0	$0	$2,310,000
Edsall and South Pickett Pedestrian Imprv.	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Greenway	*$5,334,800*	$1,317,602	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,317,602
King Street Metrorail Station Area	*$6,100,000*	$1,295,878	$0	$0	$0	$0	$0	$1,000,000	$0	$0	$0	$2,295,878
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$600,000
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Route 1 Transitway	*$4,000,000*	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Shared-Use Paths	*$118,000*	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$1,180,000
South Eisenhower Metrorail Station - South Entrance	*$4,552,085*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	*$680,000*	$0	$0	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$3,000,000
Transit Corridor "B" - Duke Street	*$0*	$0	$0	$0	$0	$0	$500,000	$0	$0	$0	$2,000,000	$2,500,000
Transit Corridor "C" - Beauregard	*$1,825,000*	$0	$2,500,000	$11,000,000	$11,000,000	$0	$0	$0	$0	$0	$0	$24,500,000
Transit Corridor "C" Transit Priority	*$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
WMATA Capital Contributions	*$0*	$6,775,000	$7,380,000	$7,530,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$74,535,000
Goal 3 - Transportation Total	*$33,350,323*	$19,048,980	$16,418,000	$26,173,000	$30,313,000	$18,198,000	$18,128,000	$13,203,000	$15,168,000	$16,068,000	$15,368,000	$188,085,980

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	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 4 - Children Youth & Families												
ACPS												
ACPS Capacity Projects (FY 14-15)	*$0*	$4,981,617	$38,050,824	$0	$0	$0	$0	$0	$0	$0	$0	$43,032,441
ACPS Capacity Projects (FY 17-18)	*$0*	$0	$0	$0	$3,256,610	$46,632,908	$0	$0	$0	$0	$0	$49,889,518
ACPS Non-Capacity Projects	*$0*	$5,044,992	$6,956,000	$4,808,000	$30,258,000	$17,682,000	$17,648,000	$10,360,000	$7,049,000	$14,133,000	$9,812,000	$123,750,992
Jefferson-Houston New K-8	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Regional Contributions												
Northern Virginia Community College	*$0*	$286,927	$326,022	$365,869	$369,528	$373,223	$376,955	$380,725	$384,532	$388,777	$392,665	$3,645,223
Recreation & Parks												
Patrick Henry Recreation Center	*$0*	$350,000	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$6,500,000
Goal 4 - Children Youth & Families Total	*$0*	$10,663,536	$45,817,846	$10,838,869	$33,884,138	$64,688,131	$18,024,955	$10,740,725	$7,433,532	$14,521,777	$10,204,665	$226,818,174

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

Strategic Plan Goal/CIP Section/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 5 - Financial Sustainability												
Community Development												
City Marina Waterfront Dredging	*$0*	$400,000	$2,550,000	$0	$0	$0	$500,000	$3,000,000	$0	$0	$0	$6,450,000
Gadsby Lighting Fixtures & Poles Replacement	*$185,000*	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
Public Buildings												
Adult Detention Center HVAC Replacement	*$0*	$370,000	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$1,350,700
Burn Building - Smoke Stack Demolition	*$0*	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
City Hall HVAC & Infrastructure Replacement	*$0*	$2,950,000	$14,800,000	$0	$0	$0	$0	$0	$0	$0	$0	$17,750,000
City Historic Facilities CFMP	*$0*	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,450,000
Courthouse Renovations - HVAC Replacement	*$0*	$200,000	$230,000	$150,000	$100,000	$0	$0	$0	$0	$0	$0	$680,000
Elevator Replacement/Refurbishment	*$0*	$0	$500,000	$0	$0	$0	$500,000	$0	$500,000	$0	$500,000	$2,000,000
Emergency Generators	*$470,000*	$418,000	$445,000	$82,000	$420,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$2,497,000
Fire Department CFMP	*$250,000*	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$4,000,000
Fleet Facility - Lift Replacement	*$0*	$585,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$585,000
General Services CFMP	*$555,000*	$951,200	$1,100,000	$850,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,001,200
Library CFMP	*$0*	$715,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,065,000
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
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
Pistol Range	*$0*	$0	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Police K-9 Facility Renovation	*$0*	$490,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$490,000
Roof Replacement Program	*$0*	$458,800	$0	$380,000	$0	$0	$0	$0	$0	$0	$0	$838,800
Torpedo Factory Repairs	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
Vola Lawson Animal Shelter	*$0*	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$300,000
Recreation & Parks												
Athletic Field Improvements (incl. Synthetic Turf)	*$0*	$0	$0	$0	$1,610,000	$2,500,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$14,110,000
Athletic Field Restroom Renovations	*$0*	$0	$20,000	$225,000	$205,000	$0	$0	$0	$0	$0	$0	$450,000
Ball Court Renovations	*$0*	$225,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,575,000
Chinquapin Aquatics Center	*$0*	$545,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$545,000
City Marina Maintenance	*$145,000*	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$900,000
City Marina Utility Upgrades	*$0*	$0	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$1,250,000
Park Renovations CFMP	*$168,000*	$338,000	$338,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
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
Playground Renovations CFMP	*$0*	$700,000	$850,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$6,650,000
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*	$685,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$5,185,000
Soft Surface Trails	*$15,000*	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$120,000	$120,000	$720,000
Sanitary Sewers												
Four Mile Run Sanitary Sewer Repair	*$1,330,000*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Stormwater Management												
Taylor Run at Janney's Lane	*$551,250*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

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

Strategic Plan Goal/CIP Section/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Transportation												
Bridge Repairs	*$1,100,000*	$0	$700,000	$300,000	$1,200,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$5,200,000
Eisenhower Avenue Widening	*$6,228,816*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fixed Transportation Equipment	*$400,000*	$850,000	$850,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$2,350,000	$850,000	$850,000	$10,600,000
Hybrid Bus / Trolley Battery Packs	*$0*	$0	$0	$500,000	$150,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,650,000
ITS Integration	*$0*	$1,567,019	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,567,019
King & Beauregard Intersection	*$8,253,262*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King/Quaker Lane/Braddock Rd. Inter.	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Madison & Montgomery Reconstruction	*$0*	$0	$0	$1,000,000	$5,750,000	$0	$0	$0	$0	$0	$0	$6,750,000
Street Reconstruction & Resurfacing of Major Roads	*$0*	$1,375,000	$2,750,000	$3,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$41,125,000
Street/Alley Reconstructions & Extensions	*$475,024*	$300,000	$600,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$7,300,000
Transportation Technologies	*$300,000*	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,250,000
Goal 5 - Financial Sustainability Total	*$26,274,352*	$16,910,019	$29,530,700	$14,624,000	$21,473,000	$15,900,000	$15,450,000	$17,425,000	$16,682,000	$14,960,000	$15,120,000	$178,074,719

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

Strategic Plan Goal/CIP Section/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 6 - Public Safety												
Community Development												
Crime Prevention Projects (Street Lighting)	*$0*	$0	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$200,000
Fire Department Vehicles & Apparatus	*$0*	$694,000	$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	$18,177,000
Other Regional Contributions												
Peumansend Creek Regional Jail	*$0*	$115,465	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$427,794
Public Buildings												
City Hall Security Enhancements	*$175,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
EOC/Public Safety Center Reuse	*$3,215,000*	$1,300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,300,000
Fire Station 203 (Cameron Mills)	*$0*	$0	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 205 (Cameron Street)	*$0*	$0	$0	$0	$0	$0	$0	$700,000	$9,903,000	$0	$0	$10,603,000
Fire Station 206 (Seminary Rd)	*$0*	$0	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$10,887,000
Fire Station 207 (Duke Street)	*$0*	$0	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$17,972,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	*$1,000,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Recreation & Parks												
City Marina Seawalls	*$0*	$0	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$1,700,000
Windmill Hill Park Improvements	*$784,953*	$0	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Transportation												
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mt. Vernon Ave/Russell Road Intersection	*$0*	$0	$100,000	$900,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Mt. Vernon Trail @ East Abingdon	*$50,000*	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Safe Routes to Schools	*$0*	$275,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,000
Goal 6 - Public Safety Total	*$5,734,953*	$2,834,465	$1,463,738	$13,592,085	$3,646,506	$18,871,000	$13,064,000	$4,171,000	$11,937,000	$2,608,000	$2,525,000	$74,712,794

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	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Goal 7 - Caring Community												
Recreation & Parks												
ADA Requirements	*$52,000*	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$290,000
Transportation												
ADA - Transportation Facilities	*$20,000*	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$100,000
Goal 7 - Caring Community Total	*$72,000*	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$39,000	$390,000

Information Technology Plan

Strategic Plan Goal/CIP Section/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Information Technology Plan												
AJIS Enhancements	*$151,000*	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Business Tax System	*$89,000*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Computer Aided Dispatch System Replacement	*$2,400,000*	$600,000	$100,000	$461,000	$220,000	$950,000	$421,000	$0	$0	$0	$0	$2,752,000
Connectivity Initiatives	*$2,039,000*	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$10,540,000
Customer Relationship Management System	*$50,000*	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Database Infrastructure	*$60,000*	$40,000	$40,000	$160,000	$40,000	$40,000	$160,000	$0	$0	$0	$0	$480,000
DCHS HIPAA Data Security Compliance	*$75,000*	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
DCHS Payment System Replacement	*$0*	$77,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$77,500
Electronic Government	*$317,340*	$0	$250,000	$250,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$1,250,000
Email Messaging	*$0*	$75,000	$0	$0	$0	$0	$25,000	$0	$0	$0	$0	$100,000
EMS Records Management System	*$21,500*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Enterprise Collaboration	*$0*	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Enterprise Data Storage Infrastructure	*$0*	$300,000	$0	$0	$0	$0	$144,000	$0	$0	$0	$0	$444,000
Enterprise Maintenance Mgmt System	*$185,000*	$35,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$35,000
Enterprise Resource Planning System	*$500,000*	$500,000	$75,000	$100,000	$100,000	$75,000	$75,000	$0	$0	$0	$0	$925,000
Finance Payment Kiosk	*$10,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Radios	*$420,000*	$400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$400,000
Fire Records Management Project	*$85,871*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Ford Ward INET	*$40,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
GIS Development	*$100,000*	$160,000	$280,000	$150,000	$190,000	$0	$100,000	$0	$0	$0	$0	$880,000
Handheld Data Collection Devices	*$25,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
IT Equipment Replacement	*$0*	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
IT Lump Sum Funding	*$0*	$0	$0	$0	$0	$0	$0	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$10,000,000
LAN Development	*$65,000*	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
LAN/WAN Infrastructure	*$550,000*	$175,000	$370,000	$0	$275,000	$260,000	$300,000	$0	$0	$0	$0	$1,380,000
Library Replacement Equipment	*$0*	$66,263	$0	$0	$0	$0	$0	$0	$0	$0	$0	$66,263
Network Server Infrastructure	*$100,000*	$300,000	$300,000	$500,000	$400,000	$175,000	$175,000	$0	$0	$0	$0	$1,850,000
Permit Processing	*$205,600*	$700,000	$1,200,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$1,929,000
Personal Property Tax System	*$0*	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Purchasing System Upgrade	*$15,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Radio Network Upgrade	*$0*	$61,237	$0	$0	$0	$0	$0	$0	$0	$0	$0	$61,237
Real Estate Account Receivable System	*$400,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Remote Radio Technology	*$24,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Security	*$150,000*	$250,000	$190,000	$0	$225,000	$0	$300,000	$0	$0	$0	$0	$965,000
Small Business Development Center	*$0*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Upgrade Work Station Operating Systems	*$0*	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
Virtual Adjudication	*$20,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Voice Over IP	*$125,000*	$450,000	$500,000	$150,000	$150,000	$350,000	$150,000	$0	$0	$0	$0	$1,750,000
Information Technology Plan Total	*$8,223,311*	$6,264,000	$4,759,000	$3,254,000	$3,304,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$38,905,000
Grand Total	*$108,835,339*	$67,402,307	$114,669,912	$346,355,808	$102,234,498	$140,013,485	$92,784,309	$72,086,079	$77,455,886	$71,943,131	$56,963,019	$1,141,908,434

SUMMARY EXPENDITURE TABLES

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Table 1
Proposed FY 2014 – 2023 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Unresticted City Sources	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL FY 2014 - 2023
All Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	$ 10,839,867	$ 15,347,701	$ 15,450,371	$ 14,663,061	$ 14,305,485	$ 14,997,309	$ 15,075,079	$ 15,075,886	$ 15,075,131	$ 15,085,019	$ 145,914,909
General Fund - Use of Fund Balance	$ 2,168,948	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 2,168,948
General Obligation Bond Interest Earnings	$ 300,000	$ 400,000	$ 500,000	$ 600,000	$ 700,000	$ 800,000	$ 900,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 7,200,000
General Obligation Bond Premiums	$ 2,612,603	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,612,603
Prior Year Cash Balances	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
Transfer from Code Enterprise Fund	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
Sale of Property Revenue	$ 1,395,000	$ 440,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,835,000
Other Base City Sources	$ 216,437	$ 216,437	$ 216,437	$ 216,437	$ -	$ -	$ -	$ -	$ -	$ -	$ 865,748
Subtotal, All Unrestriced Cash Sources	$ 18,282,855	$ 16,404,138	$ 16,166,808	$ 15,479,498	$ 15,005,485	$ 15,797,309	$ 15,975,079	$ 16,075,886	$ 16,075,131	$ 16,085,019	$ 161,347,208
Unrestricted Borrowing Sources											
*General Obligation Bonds (Excl. Sewers/TIP)	$ 25,370,000	$ 75,880,000	$ 35,110,000	$ 60,406,000	$ 101,989,000	$ 51,348,000	$ 36,852,000	$ 39,676,000	$ 35,339,000	$ 32,024,000	$ 493,994,000
Subtotal, All Unrestricted City Soucres	*$ 43,652,855*	*$ 92,284,138*	*$ 51,276,808*	*$ 75,885,498*	*$ 116,994,485*	*$ 67,145,309*	*$ 52,827,079*	*$ 55,751,886*	*$ 51,414,131*	*$ 48,109,019*	*$ 655,341,208*
Restricted City Sources											
Sanitary Sewer Fees	$ 1,620,000	$ 525,000	$ 150,000	$ 950,000	$ 2,000,000	$ 2,550,000	$ 1,395,000	$ 1,975,000	$ 1,375,000	$ 400,000	$ 12,940,000
General Obligation Bonds - Sanitary Sewers	$ 430,000	$ 8,000,000	$ 5,000,000	$ 4,025,000	$ 11,400,000	$ 13,700,000	$ 12,350,000	$ 12,500,000	$ 11,775,000	$ 1,000,000	$ 80,180,000
Stormwater Management Tax	$ 197,065	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 197,065
Prior Year Stormwater Balances	$ 892,935	$ 550,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,442,935
Cash Capital - Transportation Improvement Program	$ 5,050,000	$ 2,625,000	$ 2,250,000	$ 3,100,000	$ 2,200,000	$ 1,200,000	$ 1,060,000	$ 3,400,000	$ 3,550,000	$ 3,600,000	$ 28,035,000
General Obligation Bonds - Transportation Improvement Program	$ -	$ 375,000	$ 13,200,000	$ 11,350,000	$ 1,050,000	$ 1,400,000	$ 625,000	$ -	$ -	$ -	$ 28,000,000
Reprogrammed TIP Balances	$ 570,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 570,000
General Obligation Bonds - Potomac Yard Metrorail Station	$ -	$ -	$ 265,300,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 265,300,000
Potomac Yard Special Tax District/Development Contributions	$ 1,975,000	$ 2,525,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,500,000
Lease Proceeds	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
Environmental Restoration Funds	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,000	$ 625,000
Subtotal, Restricted City Sources	*$ 11,535,000*	*$ 14,600,000*	*$ 288,900,000*	*$ 19,425,000*	*$ 16,650,000*	*$ 18,850,000*	*$ 15,430,000*	*$ 17,875,000*	*$ 16,700,000*	*$ 5,025,000*	*$ 424,990,000*
Non-City Sources											
Comcast Revenues	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 10,540,000
CMAQ/RSTP	$ 7,357,121	$ 2,950,000	$ 2,125,000	$ 3,095,000	$ 2,540,000	$ 2,960,000	$ -	$ -	$ -	$ -	$ 21,027,121
Federal Safe Routes to Schools	$ 275,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 275,000
FEMA Reimbursement	$ 660,000	$ 1,000,000	$ 725,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,385,000
Private Capital Contributions	$ 922,453	$ 1,106,774	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,029,227
State Revenue Sharing	$ -	$ 1,675,000	$ 2,275,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 23,375,000
Urban Funds	$ 1,945,878	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,945,878
Subtotal, Non-City Sources	*$ 12,214,452*	*$ 7,785,774*	*$ 6,179,000*	*$ 6,924,000*	*$ 6,369,000*	*$ 6,789,000*	*$ 3,829,000*	*$ 3,829,000*	*$ 3,829,000*	*$ 3,829,000*	*$ 61,577,226*
Total, All Sources	$67,402,307	$ 114,669,912	$ 346,355,808	$ 102,234,498	$ 140,013,485	$ 92,784,309	$ 72,086,079	$ 77,455,886	$ 71,943,131	$ 56,963,019	$ 1,141,908,434

Unresticted City Sources	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL FY 2014 - 2023
All Uses (CIP Document Section)	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL FY 2014 - 2023
Schools	$ 10,026,609	$ 45,006,824	$ 4,808,000	$ 33,514,610	$ 64,314,908	$ 17,648,000	$ 10,360,000	$ 7,049,000	$ 14,133,000	$ 9,812,000	$ 216,672,951
Community Development	$ 2,811,680	$ 3,565,553	$ 2,147,000	$ 2,478,000	$ 2,102,500	$ 4,476,500	$ 7,404,500	$ 2,701,500	$ 3,400,500	$ 3,252,500	$ 34,340,233
Recreation & Parks	$ 5,042,773	$ 4,333,221	$ 13,405,000	$ 8,246,000	$ 6,423,000	$ 7,623,000	$ 8,673,000	$ 8,673,000	$ 8,783,000	$ 8,783,000	$ 79,984,994
Public Buildings	$ 10,658,000	$ 21,170,700	$ 12,268,000	$ 4,205,000	$ 22,007,000	$ 14,297,000	$ 4,310,000	$ 14,295,000	$ 4,235,000	$ 4,420,000	$ 111,865,700
Transit & Transportation	$ 26,425,999	$ 23,953,000	$ 302,833,000	$ 43,823,000	$ 26,118,000	$ 25,588,000	$ 20,313,000	$ 23,928,000	$ 23,178,000	$ 23,628,000	$ 539,787,999
Sanitary Sewers	$ 1,900,000	$ 8,175,000	$ 4,900,000	$ 4,975,000	$ 13,400,000	$ 18,100,000	$ 15,020,000	$ 15,750,000	$ 13,150,000	$ 1,400,000	$ 96,770,000
Stormwater Management	$ 3,500,000	$ 2,900,000	$ 1,900,000	$ 850,000	$ 1,350,000	$ 750,000	$ 1,700,000	$ 750,000	$ 750,000	$ 1,350,000	$ 15,800,000
Information Technology	$ 6,264,000	$ 4,759,000	$ 3,254,000	$ 3,304,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 38,905,000
Other Regional Contributions	$ 773,246	$ 806,614	$ 840,808	$ 838,888	$ 744,077	$ 747,809	$ 751,579	$ 755,386	$ 759,631	$ 763,519	$ 7,781,557
TOTAL ALL USES	$ 67,402,307	$ 114,669,912	$ 346,355,808	$ 102,234,498	$ 140,013,485	$ 92,784,309	$ 72,086,079	$ 77,455,886	$ 71,943,131	$ 56,963,019	$ 1,141,908,434
% FROM BONDS	38.3%	73.5%	92.0%	74.1%	81.7%	71.6%	69.1%	67.4%	65.5%	58.0%	76.0%
% FROM CITY AND OTHER CASH SOURCES	61.7%	26.5%	8.0%	25.9%	18.3%	28.4%	30.9%	32.6%	34.5%	42.0%	24.0%

Table 2
Proposed FY 2014 – 2023 Capital Improvement Program
Additional Capital Projects with Additional Capital Investment
Three Cents on the Real Estate Tax Rate Annually

Revenue Category	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014 - 2023
Revenues											
[1]Additional 3 Cents on Tax Rate	$15,741,363	$10,849,010	$11,174,480	$11,509,714	$11,883,780	$12,270,003	$12,668,778	$13,080,513	$13,538,331	$14,012,173	$126,728,147

CIP Category/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014 - 2023
Alexandria City Public Schools											
ACPS Capacity & Non-Capacity	$0	$800,000	$800,000	$0	$3,700,000	$4,400,000	$6,000,000	$1,800,000	$1,200,000	$700,000	$19,400,000
Subtotal, Alexandria City Public Schools	*$0*	*$800,000*	*$800,000*	*$0*	*$3,700,000*	*$4,400,000*	*$6,000,000*	*$1,800,000*	*$1,200,000*	*$700,000*	*$19,400,000*
Community Development											
Waterfront Plan - Design & Engineering Only	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Subtotal, Community Development	*$1,500,000*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$1,500,000*
Recreation & Parks											
Open Space Acquisition	$1,000,000	$1,000,000	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$3,000,000
Large Park Framework Plan Improvements	$2,500,000	$1,000,000	$1,000,000	$0	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$10,500,000
Four Mile Run Park Expansion & Duron Building	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Aquatics Plan Implementation	$0	$0	$1,000,000	$9,900,000	$1,900,000	0	$0	$600,000	$5,700,000	$5,870,000	$24,970,000
Subtotal, Recreation & Parks	*$3,800,000*	*$2,000,000*	*$3,000,000*	*$9,900,000*	*$2,900,000*	*$1,000,000*	*$1,000,000*	*$1,600,000*	*$6,700,000*	*$6,870,000*	*$38,770,000*
Public Buildings											
Additional General Government Facility Maint.	$0	$0	$0	$200,000	$200,000	$300,000	$300,000	$300,000	$300,000	$300,000	$1,900,000
CIP Project Planning/Design/Engineering	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
[4]Market Square Renovations	$0	$0	$0	$0	$2,000,000	$0	$0	$0	$0	$0	$2,000,000
Subtotal, Public Buildings	*$500,000*	*$0*	*$0*	*$200,000*	*$2,200,000*	*$300,000*	*$300,000*	*$300,000*	*$300,000*	*$300,000*	*$4,400,000*
Transportation Infrastructure											
[2]Additional Street Resurfacing	$2,172,223	$544,010	$569,480	$529,714	$603,780	$590,003	$638,778	$650,513	$608,331	$662,173	$7,569,005
Additonal Bridge Repairs	$500,000	$600,000	$500,000	$400,000	$1,000,000	$0	$0	$0	$0	$0	$3,000,000
[2]Additional Street & Alley Reconstructions	$1,000,000	$1,100,000	$500,000	$0	$1,000,000	$0	$0	$0	$0	$0	$3,600,000
Sidewalk/Shared-Use Paths Maintenance	$1,480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$5,800,000
Bus Shelters and Benches	$75,000	$75,000	$75,000	$0	$0	$0	$0	$0	$0	$0	$225,000
Complete Streets	$500,000	$250,000	$250,000	$0	$0	$0	$250,000	$250,000	$250,000	$0	$1,750,000
Route 1 at E Reed Intersection Imprv.	$385,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$385,000
Subtotal, Transportation Infrastructure	*$6,112,223*	*$3,049,010*	*$2,374,480*	*$1,409,714*	*$3,083,780*	*$1,070,003*	*$1,368,778*	*$1,380,513*	*$1,338,331*	*$1,142,173*	*$22,329,005*
Sewers											
[3]Stormwater Permitting Capital Needs	$0	$0	$0	$0	$0	$5,500,000	$4,000,000	$8,000,000	$4,000,000	$5,000,000	$26,500,000
Subtotal, Sewers	*$0*	*$0*	*$0*	*$0*	*$0*	*$5,500,000*	*$4,000,000*	*$8,000,000*	*$4,000,000*	*$5,000,000*	*$26,500,000*

CIP Caegory/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014 - 2023
Information Technology											
Municipal Fiber Network	$0	$5,000,000	$5,000,000	$0	$0	$0	$0	$0	$0	$0	$10,000,000
Subtotal, Information Technology	*$0*	*$5,000,000*	*$5,000,000*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$10,000,000*
Debt Service											
[5]Prior Year Debt Service Pay Down	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Subtotal, Debt Service	*$1,000,000*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$1,000,000*
Public Safety											
[6]Self Contained Breathing Apparatus (SCBA) Replacement	$2,829,140	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,829,140
Subtotal, Public Safety	*$2,829,140*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$2,829,140*
Total Capital Projects	$15,741,363	$10,849,010	$11,174,480	$11,509,714	$11,883,780	$12,270,003	$12,668,778	$13,080,513	$13,538,331	$14,012,173	$126,728,147

[1] FY 2014 assumes three payments during FY 2014 instead of two.

[2] Any additional investment in Street Resurfacing and Reconstruction could be utilized to leverage additional State Revenue Sharing funds.

[3] In addition to Stormwater federally mandated capital improvements, there are potentially hundreds of millions in Sanitary Sewer federally mandated capital needs. These capital needs would be funded through Sanitary Sewers fees.

[4] This project was removed from the FY 2014 - 2023 CIP as the scope of work and cost estimate was not clearly defined. The budgeted amount represents a placeholder amount - additional analysis on cost and scope is required.

[5] Assumes the use of $1.0 million in FY 2014 to pay down existing debt service which will provide greater flexibility for future borrowing within the City's debt limit ratios.

[6] SCBA replacement is a one-time capital purchase, although these expenditures (and corresponding funding) may need to be transferred to the Operating Budget in accordance with Accounting and Auditing standards.

Table 3
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – City Share

City Share of Expenditures By Program Year											
CIP Section	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Alexandria City Public Schools	$10,026,609	$45,006,824	$4,808,000	$33,514,610	$64,314,908	$17,648,000	$10,360,000	$7,049,000	$14,133,000	$9,812,000	$216,672,951
Community Development	$2,524,000	$3,314,000	$2,147,000	$2,478,000	$2,102,500	$4,476,500	$7,404,500	$2,701,500	$3,400,500	$3,252,500	$33,801,000
Recreation & Parks	$4,478,000	$3,478,000	$13,405,000	$8,246,000	$6,423,000	$7,623,000	$8,673,000	$8,673,000	$8,783,000	$8,783,000	$78,565,000
Public Buildings	$10,658,000	$21,170,700	$12,268,000	$4,205,000	$22,007,000	$14,297,000	$4,310,000	$14,295,000	$4,235,000	$4,420,000	$111,865,700
Transportation	$16,778,000	$19,328,000	$298,433,000	$37,953,000	$20,803,000	$19,853,000	$17,538,000	$21,153,000	$20,403,000	$20,853,000	$493,095,000
Sanitary Sewers	$1,900,000	$8,175,000	$4,900,000	$4,975,000	$13,400,000	$18,100,000	$15,020,000	$15,750,000	$13,150,000	$1,400,000	$96,770,000
Stormwater Management	$2,840,000	$1,900,000	$1,175,000	$850,000	$1,350,000	$750,000	$1,700,000	$750,000	$750,000	$1,350,000	$13,415,000
IT Plan	$5,210,000	$3,705,000	$2,200,000	$2,250,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$18,365,000
Other Regional Contributions	$773,246	$806,614	$840,808	$838,888	$744,077	$747,809	$751,579	$755,386	$759,631	$763,519	$7,781,557
City Share Total	$55,187,855	$106,884,138	$340,176,808	$95,310,498	$133,644,485	$85,995,309	$68,257,079	$73,626,886	$68,114,131	$53,134,019	$1,080,331,208

Table 4
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – Non-City Share

Non-City Share of Expenditures By Program Year											
CIP Section	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Community Development	$287,680	$251,553	$0	$0	$0	$0	$0	$0	$0	$0	$539,233
Recreation & Parks	$564,773	$855,221	$0	$0	$0	$0	$0	$0	$0	$0	$1,419,994
Transportation	$9,647,999	$4,625,000	$4,400,000	$5,870,000	$5,315,000	$5,735,000	$2,775,000	$2,775,000	$2,775,000	$2,775,000	$46,692,999
Stormwater Management	$660,000	$1,000,000	$725,000	$0	$0	$0	$0	$0	$0	$0	$2,385,000
IT Plan	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$10,540,000
Non-City Share Total	$12,214,452	$7,785,774	$6,179,000	$6,924,000	$6,369,000	$6,789,000	$3,829,000	$3,829,000	$3,829,000	$3,829,000	$61,577,226

Table 5
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects by CIP Document Section

(Projects without funding have been fully funded in prior fiscal years. Since they are still active, they will remain in the CIP until project completion)

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
ACPS												
ACPS Capacity												
Jefferson-Houston New K-8	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
ACPS Capacity Projects (FY 14-15)	*$0*	$4,981,617	$38,050,824	$0	$0	$0	$0	$0	$0	$0	$0	$43,032,441
ACPS Capacity Projects (FY 17-18)	*$0*	$0	$0	$0	$3,256,610	$46,632,908	$0	$0	$0	$0	$0	$49,889,518
ACPS Capital Maintenance												
ACPS Non-Capacity Projects	*$0*	$5,044,992	$6,956,000	$4,808,000	$30,258,000	$17,682,000	$17,648,000	$10,360,000	$7,049,000	$14,133,000	$9,812,000	$123,750,992
ACPS Total	*$0*	$10,026,609	$45,006,824	$4,808,000	$33,514,610	$64,314,908	$17,648,000	$10,360,000	$7,049,000	$14,133,000	$9,812,000	$216,672,951
Community Development												
City-Wide Amenities												
Public Art Acquisition	*$50,000*	$100,000	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$3,200,000
Public Art Conservation Program	*$10,000*	$15,000	$15,000	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$195,000
Transportation Signage & Wayfinding System	*$0*	$225,000	$200,000	$0	$515,000	$361,000	$432,000	$241,000	$0	$0	$0	$1,974,000
Gadsby Lighting Fixtures & Poles Replacement	*$185,000*	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
Neighborhood Planning												
Braddock Road Area Plan - Streetscape Improvements	*$45,000*	$332,680	$296,553	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$989,233
Waterfront Small Area Plan Implementation	*$0*	$1,045,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,045,000
King Street Plan Implementation	*$0*	$0	$0	$150,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$900,000
Landmark/Van Dorn Area Plan Implementation	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
Public Safety Enhancements												
Fire Department Vehicles & Apparatus	*$0*	$694,000	$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	$18,177,000
Crime Prevention Projects (Street Lighting)	*$0*	$0	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$200,000
Waterways Maintenance & Improvements												
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*	$400,000	$2,550,000	$0	$0	$0	$500,000	$3,000,000	$0	$0	$0	$6,450,000
Environmental Restoration	*$388,750*	$0	$0	$150,000	$0	$150,000	$0	$150,000	$150,000	$150,000	$150,000	$900,000
Woodrow Wilson Bridge Project												
Woodrow Wilson Bridge Project	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Community Development Total	*$2,795,755*	$2,811,680	$3,565,553	$2,147,000	$2,478,000	$2,102,500	$4,476,500	$7,404,500	$2,701,500	$3,400,500	$3,252,500	$34,340,233

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Recreation & Parks												
Park Maintenance & Improvements												
Restaurant Depot Contribution Projects	*$300,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
ADA Requirements	*$52,000*	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$290,000
Ball Court Renovations	*$0*	$225,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,575,000
Park Renovations CFMP	*$168,000*	$338,000	$338,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
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
Playground Renovations CFMP	*$0*	$700,000	$850,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$6,650,000
Soft Surface Trails	*$15,000*	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$120,000	$120,000	$720,000
Tree & Shrub Capital Maintenance	*$0*	$226,000	$226,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$2,960,000
Water Management & Irrigation	*$96,000*	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$1,280,000
Athletic Field Restroom Renovations	*$0*	$0	$20,000	$225,000	$205,000	$0	$0	$0	$0	$0	$0	$450,000
Windmill Hill Park Improvements	*$784,953*	$0	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Athletic Field Improvements (incl. Synthetic Turf)	*$0*	$0	$0	$0	$1,610,000	$2,500,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$14,110,000
Recreation Facility Maintenance												
City Marina Maintenance	*$145,000*	$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*	$685,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$5,185,000
Renovated or New Recreation Facilities												
Braddock Area Plan Park	*$0*	$764,773	$855,221	$0	$0	$0	$0	$0	$0	$0	$0	$1,619,994
Chinquapin Aquatics Center	*$0*	$545,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$545,000
Patrick Henry Recreation Center	*$0*	$350,000	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$6,500,000
City Marina Seawalls	*$0*	$0	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$1,700,000
City Marina Utility Upgrades	*$0*	$0	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$1,250,000
Open Space Acquisition & Development												
Open Space Acquisition and Develop.	*$5,003,174*	$600,000	$0	$800,000	$1,500,000	$1,350,000	$3,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$23,250,000
Recreation & Parks Total	*$6,564,127*	$5,042,773	$4,333,221	$13,405,000	$8,246,000	$6,423,000	$7,623,000	$8,673,000	$8,673,000	$8,783,000	$8,783,000	$79,984,994
Public Buildings												
General Government Facilities												
General Services CFMP	*$555,000*	$951,200	$1,100,000	$850,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,001,200
Energy Management Program	*$420,000*	$635,000	$800,000	$650,000	$350,000	$600,000	$550,000	$550,000	$650,000	$750,000	$850,000	$6,385,000
Emergency Generators	*$470,000*	$418,000	$445,000	$82,000	$420,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$2,497,000
City Hall HVAC & Infrastructure Replacement	*$0*	$2,950,000	$14,800,000	$0	$0	$0	$0	$0	$0	$0	$0	$17,750,000
City Hall Security Enhancements	*$175,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Roof Replacement Program	*$0*	$458,800	$0	$380,000	$0	$0	$0	$0	$0	$0	$0	$838,800
Fleet Facility - Lift Replacement	*$0*	$585,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$585,000
Elevator Replacement/Refurbishment	*$0*	$0	$500,000	$0	$0	$0	$500,000	$0	$500,000	$0	$500,000	$2,000,000
Library Facilities												
Library CFMP	*$0*	$715,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,065,000

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Preservation of Historic Facilities												
City Historic Facilities CFMP	*$0*	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,450,000
Torpedo Factory Repairs	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
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
Public Safety Facilities												
Fire Department CFMP	*$250,000*	$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	*$1,000,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Burn Building - Smoke Stack Demolition	*$0*	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Fire Station 203 (Cameron Mills)	*$0*	$0	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 207 (Duke Street)	*$0*	$0	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$17,972,000
Fire Station 206 (Seminary Rd)	*$0*	$0	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$10,887,000
Fire Station 205 (Cameron Street)	*$0*	$0	$0	$0	$0	$0	$0	$700,000	$9,903,000	$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
Adult Detention Center HVAC Replacement	*$0*	$370,000	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$1,350,700
Courthouse Renovations - HVAC Replacement	*$0*	$200,000	$230,000	$150,000	$100,000	$0	$0	$0	$0	$0	$0	$680,000
EOC/Public Safety Center Reuse	*$3,215,000*	$1,300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,300,000
Police K-9 Facility Renovation	*$0*	$490,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$490,000
Pistol Range	*$0*	$0	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Vola Lawson Animal Shelter	*$0*	$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	*$6,085,000*	$10,658,000	$21,170,700	$12,268,000	$4,205,000	$22,007,000	$14,297,000	$4,310,000	$14,295,000	$4,235,000	$4,420,000	$111,865,700
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	*$6,100,000*	$1,295,878	$0	$0	$0	$0	$0	$1,000,000	$0	$0	$0	$2,295,878
Potomac Yard Metrorail Station	*$500,000*	$1,975,000	$2,525,000	$268,300,000	$0	$0	$0	$0	$0	$0	$0	$272,800,000
WMATA Capital Contributions	*$0*	$6,775,000	$7,380,000	$7,530,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$74,535,000
ADA - Transportation Facilities	*$20,000*	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$100,000
Bus Shelters and Benches	*$761,250*	$542,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$542,500
DASH Bus Fleet Replacements (Since FY 11)	*$5,161,600*	$4,050,000	$4,450,000	$3,300,000	$7,070,000	$6,360,000	$6,360,000	$3,200,000	$3,200,000	$4,200,000	$4,200,000	$46,390,000
DASH Fleet Expansion	*$1,636,500*	$3,250,000	$0	$0	$3,250,000	$0	$2,600,000	$0	$1,300,000	$0	$0	$10,400,000
Hybrid Bus / Trolley Battery Packs	*$0*	$0	$0	$500,000	$150,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,650,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$600,000
Public Transit Total	*$18,731,435*	$17,898,378	$14,365,000	$279,640,000	$18,030,000	$14,170,000	$16,670,000	$11,910,000	$12,210,000	$11,910,000	$12,510,000	$409,313,378
Transportation - High Capacity Transit Corridors												
Route 1 Transitway	*$4,000,000*	$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	$0	$0	$3,000,000	$0	$3,000,000
Transit Corridor "C" Transit Priority	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "C" - Beauregard	*$1,825,000*	$0	$2,500,000	$11,000,000	$11,000,000	$0	$0	$0	$0	$0	$0	$24,500,000
Transit Corridor "B" - Duke Street	*$0*	$0	$0	$0	$0	$0	$500,000	$0	$0	$0	$2,000,000	$2,500,000
High Capacity Transit Corridors Total	*$6,505,000*	$600,000	$2,500,000	$11,000,000	$11,000,000	$0	$500,000	$0	$0	$3,000,000	$2,000,000	$30,600,000

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Transportation - Non-Motorized Transportation												
Access to Transit	*$1,648,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Bicycle Master Plan Update	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$0	$25,000	$225,000	$0	$100,000	$0	$0	$0	$0	$350,000
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare	*$400,000*	$600,000	$300,000	$300,000	$0	$270,000	$0	$225,000	$0	$300,000	$0	$1,995,000
Complete Streets	*$1,133,088*	$0	$670,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$7,870,000
Edsall and South Pickett Pedestrian Imprv.	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Greenway	*$5,334,800*	$1,317,602	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,317,602
Mt. Vernon Trail @ East Abingdon	*$50,000*	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Safe Routes to Schools	*$0*	$275,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,000
Shared-Use Paths	*$118,000*	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$1,180,000
Wilkes Street Bikeway	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Non-Motorized Transportation Total	*$9,193,888*	$3,260,602	$2,088,000	$4,343,000	$1,443,000	$4,288,000	$1,118,000	$1,243,000	$1,018,000	$1,318,000	$1,018,000	$21,137,602
Transportation - Streets & Bridges												
King & Beauregard Intersection	*$8,253,262*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Widening	*$6,228,816*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King/Quaker Lane/Braddock Rd. Inter.	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Seminary Rd. at Beauregard Ellipse	*$0*	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$325,000
Street Reconstruction & Resurfacing of Major Roads	*$0*	$1,375,000	$2,750,000	$3,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$41,125,000
Bridge Repairs	*$1,100,000*	$0	$700,000	$300,000	$1,200,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$5,200,000
Street/Alley Reconstructions & Extensions	*$475,024*	$300,000	$600,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$7,300,000
Mt. Vernon Ave/Russell Road Intersection	*$0*	$0	$100,000	$900,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Madison & Montgomery Reconstruction	*$0*	$0	$0	$1,000,000	$5,750,000	$0	$0	$0	$0	$0	$0	$6,750,000
Duke Street Complete Streets	*$0*	$0	$0	$0	$0	$0	$0	$210,000	$2,100,000	$0	$0	$2,310,000
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Streets & Bridges Total	*$21,905,102*	$2,000,000	$4,150,000	$6,750,000	$12,500,000	$5,850,000	$6,250,000	$6,060,000	$8,350,000	$5,850,000	$7,250,000	$65,010,000
Transportation - Fixed Transportation Equipment												
Fixed Transportation Equipment	*$400,000*	$850,000	$850,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$2,350,000	$850,000	$850,000	$10,600,000
Transportation Technologies	*$300,000*	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,250,000
ITS Integration	*$0*	$1,567,019	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,567,019
Parking Technologies	*$0*	$0	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$310,000
Fixed Transportation Equipment Total	*$700,000*	$2,667,019	$850,000	$1,100,000	$850,000	$1,810,000	$1,050,000	$1,100,000	$2,350,000	$1,100,000	$850,000	$13,727,019

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Sanitary Sewers												
Sanitary Sewers												
Holmes Run Trunk Sewer	*$5,637,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Combined Sewer Separation Projects	*$1,100,000*	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$3,200,000
Combined Sewer System Permit Compliance	*$1,840,690*	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,000,000
Four Mile Run Sanitary Sewer Repair	*$1,330,000*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Reconstructions & Exts. of Sanitary Sewers	*$1,495,918*	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,000,000
Holmes Run 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
Wet Weather Management Facility	*$0*	$0	$3,375,000	$1,125,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$22,250,000
Combined Sewer Overflow 001 Planning	*$0*	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Sewer Assessment & Rehabilitation	*$450,000*	$0	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$8,800,000
AlexRenew WWTP Capacity	*$500,000*	$0	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$34,220,000
Sanitary Sewers Total	*$21,673,608*	$1,900,000	$8,175,000	$4,900,000	$4,975,000	$13,400,000	$18,100,000	$15,020,000	$15,750,000	$13,150,000	$1,400,000	$96,770,000
Stormwater Management												
Stormwater Management												
Ft. Ward Stormwater	*$460,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Taylor Run at Janney's Lane	*$551,250*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
NPDES / MS4 Permit	*$134,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Four Mile Run Channel Maintenance	*$1,610,000*	$0	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$1,200,000
Storm Sewer Capacity Assessment	*$0*	$250,000	$0	$0	$0	$0	$0	$950,000	$0	$0	$0	$1,200,000
Green Infrastructure in CSO Areas	*$0*	$300,000	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Stream & Channel Maintenance	*$838,750*	$2,150,000	$1,100,000	$1,100,000	$550,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$7,600,000
MS4-TMDL Compliance Water Quality Imprv.	*$0*	$800,000	$800,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,600,000
Storm Sewer System Spot Improvements	*$2,864,113*	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Stormwater Management Total	*$6,458,113*	$3,500,000	$2,900,000	$1,900,000	$850,000	$1,350,000	$750,000	$1,700,000	$750,000	$750,000	$1,350,000	$15,800,000
IT Plan												
Financial and Human Resource Systems												
Purchasing System Upgrade	*$15,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Real Estate Account Receivable System	*$400,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Virtual Adjudication	*$20,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
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	$0	$0	$0	$0	$0	$0	$0	$0
Business Tax System	*$89,000*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Enterprise Resource Planning System	*$500,000*	$500,000	$75,000	$100,000	$100,000	$75,000	$75,000	$0	$0	$0	$0	$925,000
Personal Property Tax System	*$0*	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Geographic Information Systems												
GIS Development	*$100,000*	$160,000	$280,000	$150,000	$190,000	$0	$100,000	$0	$0	$0	$0	$880,000

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Network Services												
Ford Ward INET	*$40,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Connectivity Initiatives	*$2,039,000*	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$10,540,000
Database Infrastructure	*$60,000*	$40,000	$40,000	$160,000	$40,000	$40,000	$160,000	$0	$0	$0	$0	$480,000
Email Messaging	*$0*	$75,000	$0	$0	$0	$0	$25,000	$0	$0	$0	$0	$100,000
Enterprise Collaboration	*$0*	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Enterprise Data Storage Infrastructure	*$0*	$300,000	$0	$0	$0	$0	$144,000	$0	$0	$0	$0	$444,000
IT Equipment Replacement	*$0*	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
LAN Development	*$65,000*	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
LAN/WAN Infrastructure	*$550,000*	$175,000	$370,000	$0	$275,000	$260,000	$300,000	$0	$0	$0	$0	$1,380,000
Library Replacement Equipment	*$0*	$66,263	$0	$0	$0	$0	$0	$0	$0	$0	$0	$66,263
Network Server Infrastructure	*$100,000*	$300,000	$300,000	$500,000	$400,000	$175,000	$175,000	$0	$0	$0	$0	$1,850,000
Security	*$150,000*	$250,000	$190,000	$0	$225,000	$0	$300,000	$0	$0	$0	$0	$965,000
Upgrade Work Station Operating Systems	*$0*	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
Voice Over IP	*$125,000*	$450,000	$500,000	$150,000	$150,000	$350,000	$150,000	$0	$0	$0	$0	$1,750,000
Other System Development Projects												
DCHS HIPAA Data Security Compliance	*$75,000*	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
DCHS Payment System Replacement	*$0*	$77,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$77,500
Enterprise Maintenance Mgmt System	*$185,000*	$35,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$35,000
Permit Processing	*$205,600*	$700,000	$1,200,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$1,929,000
Public Access Development												
Customer Relationship Management System	*$50,000*	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Small Business Development Center	*$0*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Electronic Government	*$317,340*	$0	$250,000	$250,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$1,250,000
Public Safety Systems												
EMS Records Management System	*$21,500*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Records Management Project	*$85,871*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Remote Radio Technology	*$24,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
AJIS Enhancements	*$151,000*	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Computer Aided Dispatch System Replacement	*$2,400,000*	$600,000	$100,000	$461,000	$220,000	$950,000	$421,000	$0	$0	$0	$0	$2,752,000
Fire Radios	*$420,000*	$400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$400,000
Radio Network Upgrade	*$0*	$61,237	$0	$0	$0	$0	$0	$0	$0	$0	$0	$61,237
Future IT Projects												
IT Lump Sum Funding	*$0*	$0	$0	$0	$0	$0	$0	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$10,000,000
Information Technology Total	*$8,223,311*	$6,264,000	$4,759,000	$3,254,000	$3,304,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$38,905,000
Other Regional Contributions												
Regional Contributions												
Northern Virginia Community College	*$0*	$286,927	$326,022	$365,869	$369,528	$373,223	$376,955	$380,725	$384,532	$388,777	$392,665	$3,645,223
Northern Virginia Regional Park Authority	*$0*	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$3,708,540
Peumansend Creek Regional Jail	*$0*	$115,465	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$427,794
Other Regional Contributions Total	*$0*	$773,246	$806,614	$840,808	$838,888	$744,077	$747,809	$751,579	$755,386	$759,631	$763,519	$7,781,557
Proposed FY 2014 - 2023 CIP Grand Total	*$108,835,339*	$67,402,307	$114,669,912	$346,355,808	$102,234,498	$140,013,485	$92,784,309	$72,086,079	$77,455,886	$71,943,131	$56,963,019	$1,141,908,434

Table 6
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects by Project Category

(Projects without funding have been fully funded in prior fiscal years. Since they are still active, they will remain in the CIP until project completion)

Project Category	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Category 1 - Asset Maintenance	$19,363,183	$31,426,238	$35,912,614	$34,153,808	$63,965,888	$51,043,577	$56,041,309	$45,216,079	$42,528,886	$46,369,131	$42,479,019	$449,136,549
Category 2 - Renovations/Existing Assets	$33,241,043	$7,985,878	$22,760,700	$17,563,000	$12,338,000	$21,572,000	$14,687,000	$15,920,000	$21,453,000	$11,900,000	$750,000	$146,929,578
Category 3 - New Facilities	$48,007,802	$21,726,191	$51,237,598	$291,385,000	$22,626,610	$63,843,908	$18,502,000	$7,396,000	$9,920,000	$10,120,000	$10,180,000	$506,937,307
IT Plan	$8,223,311	$6,264,000	$4,759,000	$3,254,000	$3,304,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$38,905,000
Grand Total	$108,835,339	$67,402,307	$114,669,912	$346,355,808	$102,234,498	$140,013,485	$92,784,309	$72,086,079	$77,455,886	$71,943,131	$56,963,019	$1,141,908,434

Category/CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Category 1 - Asset Maintenance												
ACPS												
ACPS Capital Maintenance												
ACPS Non-Capacity Projects	*$0*	$5,044,992	$6,956,000	$4,808,000	$30,258,000	$17,682,000	$17,648,000	$10,360,000	$7,049,000	$14,133,000	$9,812,000	$123,750,992
Community Development												
City-Wide Amenities												
Public Art Conservation Program	*$10,000*	$15,000	$15,000	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$195,000
Gadsby Lighting Fixtures & Poles Replacement	*$185,000*	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
Public Safety Enhancements												
Fire Department Vehicles & Apparatus	*$0*	$694,000	$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	$18,177,000
Recreation & Parks												
Park Maintenance & Improvements												
ADA Requirements	*$52,000*	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$290,000
Ball Court Renovations	*$0*	$225,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,575,000
Park Renovations CFMP	*$168,000*	$338,000	$338,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
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
Playground Renovations CFMP	*$0*	$700,000	$850,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$6,650,000
Soft Surface Trails	*$15,000*	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$120,000	$120,000	$720,000
Tree & Shrub Capital Maintenance	*$0*	$226,000	$226,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$2,960,000
Water Management & Irrigation	*$96,000*	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$1,280,000
Recreation Facility Maintenance												
City Marina Maintenance	*$145,000*	$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*	$685,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$5,185,000

Category/CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Public Buildings												
General Government Facilities												
Elevator Replacement/Refurbishment	*$0*	$0	$500,000	$0	$0	$0	$500,000	$0	$500,000	$0	$500,000	$2,000,000
Emergency Generators	*$470,000*	$418,000	$445,000	$82,000	$420,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$2,497,000
Energy Management Program	*$420,000*	$635,000	$800,000	$650,000	$350,000	$600,000	$550,000	$550,000	$650,000	$750,000	$850,000	$6,385,000
General Services CFMP	*$555,000*	$951,200	$1,100,000	$850,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,001,200
Roof Replacement Program	*$0*	$458,800	$0	$380,000	$0	$0	$0	$0	$0	$0	$0	$838,800
Library Facilities												
Library CFMP	*$0*	$715,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,065,000
Preservation of Historic Facilities												
City Historic Facilities CFMP	*$0*	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,450,000
Torpedo Factory Repairs	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
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
Public Safety Facilities												
Fire Department CFMP	*$250,000*	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$4,000,000
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
Vola Lawson Animal Shelter	*$0*	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$300,000
Sanitary Sewers												
Sanitary Sewers												
Combined Sewer Separation Projects	*$1,100,000*	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$3,200,000
Combined Sewer System Permit Compliance	*$1,840,690*	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,000,000
Reconstructions & Exts. of Sanitary Sewers	*$1,495,918*	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,000,000
Sewer Assessment & Rehabilitation	*$450,000*	$0	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$8,800,000
Stormwater Management												
Stormwater Management												
Storm Sewer Capacity Assessment	*$0*	$250,000	$0	$0	$0	$0	$0	$950,000	$0	$0	$0	$1,200,000
Storm Sewer System Spot Improvements	*$2,864,113*	$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	*$838,750*	$2,150,000	$1,100,000	$1,100,000	$550,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$7,600,000
Transportation												
Fixed Transportation Equipment												
Fixed Transportation Equipment	*$400,000*	$850,000	$850,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$2,350,000	$850,000	$850,000	$10,600,000
Non-Motorized Transportation												
Complete Streets	*$1,133,088*	$0	$670,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$7,870,000
Safe Routes to Schools	*$0*	$275,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,000
Shared-Use Paths	*$118,000*	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$1,180,000
Public Transit												
ADA - Transportation Facilities	*$20,000*	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$100,000
DASH Bus Fleet Replacements (Since FY 11)	*$5,161,600*	$4,050,000	$4,450,000	$3,300,000	$7,070,000	$6,360,000	$6,360,000	$3,200,000	$3,200,000	$4,200,000	$4,200,000	$46,390,000
Hybrid Bus / Trolley Battery Packs	*$0*	$0	$0	$500,000	$150,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,650,000
WMATA Capital Contributions	*$0*	$6,775,000	$7,380,000	$7,530,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$74,535,000

Category/CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Streets & Bridges												
Bridge Repairs	*$1,100,000*	$0	$700,000	$300,000	$1,200,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$5,200,000
Street Reconstruction & Resurfacing of Major Roads	*$0*	$1,375,000	$2,750,000	$3,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$41,125,000
Street/Alley Reconstructions & Extensions	*$475,024*	$300,000	$600,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$7,300,000
Other Regional Contributions												
Regional Contributions												
Northern Virginia Community College	*$0*	$286,927	$326,022	$365,869	$369,528	$373,223	$376,955	$380,725	$384,532	$388,777	$392,665	$3,645,223
Northern Virginia Regional Park Authority	*$0*	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$3,708,540
Peumansend Creek Regional Jail	*$0*	$115,465	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$427,794
Category 1 - Asset Maintenance Total	*$19,363,183*	$31,426,238	$35,912,614	$34,153,808	$63,965,888	$51,043,577	$56,041,309	$45,216,079	$42,528,886	$46,369,131	$42,479,019	$449,136,549
Category 2 - Renovations/Existing Assets												
Community Development												
Waterways Maintenance & Improvements												
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*	$400,000	$2,550,000	$0	$0	$0	$500,000	$3,000,000	$0	$0	$0	$6,450,000
Environmental Restoration	*$388,750*	$0	$0	$150,000	$0	$150,000	$0	$150,000	$150,000	$150,000	$150,000	$900,000
Recreation & Parks												
Park Maintenance & Improvements												
Athletic Field Restroom Renovations	*$0*	$0	$20,000	$225,000	$205,000	$0	$0	$0	$0	$0	$0	$450,000
Restaurant Depot Contribution Projects	*$300,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Windmill Hill Park Improvements	*$784,953*	$0	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Renovated or New Recreation Facilities												
Chinquapin Aquatics Center	*$0*	$545,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$545,000
City Marina Seawalls	*$0*	$0	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$1,700,000
City Marina Utility Upgrades	*$0*	$0	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$1,250,000
Public Buildings												
General Government Facilities												
City Hall HVAC & Infrastructure Replacement	*$0*	$2,950,000	$14,800,000	$0	$0	$0	$0	$0	$0	$0	$0	$17,750,000
Fleet Facility - Lift Replacement	*$0*	$585,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$585,000
Public Safety Facilities												
Adult Detention Center HVAC Replacement	*$0*	$370,000	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$1,350,700
Burn Building - Smoke Stack Demolition	*$0*	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Courthouse Renovations - HVAC Replacement	*$0*	$200,000	$230,000	$150,000	$100,000	$0	$0	$0	$0	$0	$0	$680,000
Fire Station 203 (Cameron Mills)	*$0*	$0	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 205 (Cameron Street)	*$0*	$0	$0	$0	$0	$0	$0	$700,000	$9,903,000	$0	$0	$10,603,000
Fire Station 206 (Seminary Rd)	*$0*	$0	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$10,887,000
Fire Station 207 (Duke Street)	*$0*	$0	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$17,972,000
Pistol Range	*$0*	$0	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Police K-9 Facility Renovation	*$0*	$490,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$490,000

Category/CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Sanitary Sewers												
Sanitary Sewers												
AlexRenew WWTP Capacity	*$500,000*	$0	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$34,220,000
Four Mile Run Sanitary Sewer Repair	*$1,330,000*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Holmes Run 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
Holmes Run Trunk Sewer	*$5,637,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Stormwater Management												
Stormwater Management												
Four Mile Run Channel Maintenance	*$1,610,000*	$0	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$1,200,000
Taylor Run at Janney's Lane	*$551,250*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transportation												
Non-Motorized Transportation												
Edsall and South Pickett Pedestrian Imprv.	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mt. Vernon Trail @ East Abingdon	*$50,000*	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Wilkes Street Bikeway	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Transit												
King Street Metrorail Station Area	*$6,100,000*	$1,295,878	$0	$0	$0	$0	$0	$1,000,000	$0	$0	$0	$2,295,878
South Eisenhower Metrorail Station - South Entrance	*$4,552,085*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Streets & Bridges												
Madison & Montgomery Reconstruction	*$0*	$0	$0	$1,000,000	$5,750,000	$0	$0	$0	$0	$0	$0	$6,750,000
Mt. Vernon Ave/Russell Road Intersection	*$0*	$0	$100,000	$900,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Category 2 - Renovations/Existing Assets Total	*$33,241,043*	$7,985,878	$22,760,700	$17,563,000	$12,338,000	$21,572,000	$14,687,000	$15,920,000	$21,453,000	$11,900,000	$750,000	$146,929,578
Category 3 - New Facilities												
ACPS												
ACPS Capacity												
Jefferson-Houston New K-8	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
ACPS Capacity Projects (FY 14-15)	*$0*	$4,981,617	$38,050,824	$0	$0	$0	$0	$0	$0	$0	$0	$43,032,441
ACPS Capacity Projects (FY 17-18)	*$0*	$0	$0	$0	$3,256,610	$46,632,908	$0	$0	$0	$0	$0	$49,889,518
Community Development												
City-Wide Amenities												
Public Art Acquisition	*$50,000*	$100,000	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$3,200,000
Transportation Signage & Wayfinding System	*$0*	$225,000	$200,000	$0	$515,000	$361,000	$432,000	$241,000	$0	$0	$0	$1,974,000
Neighborhood Planning												
Braddock Road Area Plan - Streetscape Improvements	*$45,000*	$332,680	$296,553	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$989,233
Waterfront Small Area Plan Implementation	*$0*	$1,045,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,045,000
King Street Plan Implementation	*$0*	$0	$0	$150,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$900,000
Landmark/Van Dorn Area Plan Implementation	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
Public Safety Enhancements												
Crime Prevention Projects (Street Lighting)	*$0*	$0	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$200,000
Woodrow Wilson Bridge Project												
Woodrow Wilson Bridge Project	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Category/CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Recreation & Parks												
Park Maintenance & Improvements												
Athletic Field Improvements (incl. Synthetic Turf)	*$0*	$0	$0	$0	$1,610,000	$2,500,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$14,110,000
Renovated or New Recreation Facilities												
Braddock Area Plan Park	*$0*	$764,773	$855,221	$0	$0	$0	$0	$0	$0	$0	$0	$1,619,994
Patrick Henry Recreation Center	*$0*	$350,000	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$6,500,000
Open Space Acquisition & Development												
Open Space Acquisition and Develop.	*$5,003,174*	$600,000	$0	$800,000	$1,500,000	$1,350,000	$3,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$23,250,000
Public Buildings												
General Government Facilities												
City Hall Security Enhancements	*$175,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Safety Facilities												
EOC/Public Safety Center Reuse	*$3,215,000*	$1,300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,300,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	*$1,000,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Sanitary Sewers												
Sanitary Sewers												
Combined Sewer Overflow 001 Planning	*$0*	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Wet Weather Management Facility	*$0*	$0	$3,375,000	$1,125,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$22,250,000
Stormwater Management												
Stormwater Management												
Ft. Ward Stormwater	*$460,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Green Infrastructure in CSO Areas	*$0*	$300,000	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
MS4-TMDL Compliance Water Quality Imprv.	*$0*	$800,000	$800,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,600,000
NPDES / MS4 Permit	*$134,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transportation												
Fixed Transportation Equipment												
ITS Integration	*$0*	$1,567,019	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,567,019
Parking Technologies	*$0*	$0	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$310,000
Transportation Technologies	*$300,000*	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,250,000
High Capacity Transit Corridors												
Route 1 Transitway	*$4,000,000*	$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	$0	$0	$3,000,000	$0	$3,000,000
Transit Corridor "B" - Duke Street	*$0*	$0	$0	$0	$0	$0	$500,000	$0	$0	$0	$2,000,000	$2,500,000
Transit Corridor "C" - Beauregard	*$1,825,000*	$0	$2,500,000	$11,000,000	$11,000,000	$0	$0	$0	$0	$0	$0	$24,500,000
Transit Corridor "C" Transit Priority	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Category/CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Non-Motorized Transportation												
Access to Transit	*$1,648,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Bicycle Master Plan Update	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$0	$25,000	$225,000	$0	$100,000	$0	$0	$0	$0	$350,000
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare	*$400,000*	$600,000	$300,000	$300,000	$0	$270,000	$0	$225,000	$0	$300,000	$0	$1,995,000
Holmes Run Greenway	*$5,334,800*	$1,317,602	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,317,602
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Public Transit												
Bus Shelters and Benches	*$761,250*	$542,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$542,500
DASH Fleet Expansion	*$1,636,500*	$3,250,000	$0	$0	$3,250,000	$0	$2,600,000	$0	$1,300,000	$0	$0	$10,400,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$600,000
Potomac Yard Metrorail Station	*$500,000*	$1,975,000	$2,525,000	$268,300,000	$0	$0	$0	$0	$0	$0	$0	$272,800,000
Streets & Bridges												
Duke Street Complete Streets	*$0*	$0	$0	$0	$0	$0	$0	$210,000	$2,100,000	$0	$0	$2,310,000
Eisenhower Avenue Widening	*$6,228,816*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
King & Beauregard Intersection	*$8,253,262*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King/Quaker Lane/Braddock Rd. Inter.	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Seminary Rd. at Beauregard Ellipse	*$0*	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$325,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Category 3 - New Facilities Total	*$48,007,802*	$21,726,191	$51,237,598	$291,385,000	$22,626,610	$63,843,908	$18,502,000	$7,396,000	$9,920,000	$10,120,000	$10,180,000	$506,937,307
IT Plan												
IT Plan												
Financial and Human Resource Systems												
Business Tax System	*$89,000*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Enterprise Resource Planning System	*$500,000*	$500,000	$75,000	$100,000	$100,000	$75,000	$75,000	$0	$0	$0	$0	$925,000
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	$0	$0	$0	$0	$0	$0	$0	$0
Personal Property Tax System	*$0*	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Purchasing System Upgrade	*$15,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Real Estate Account Receivable System	*$400,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Virtual Adjudication	*$20,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Future IT Projects												
IT Lump Sum Funding	*$0*	$0	$0	$0	$0	$0	$0	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$10,000,000
Geographic Information Systems												
GIS Development	*$100,000*	$160,000	$280,000	$150,000	$190,000	$0	$100,000	$0	$0	$0	$0	$880,000

Category/CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Network Services												
Connectivity Initiatives	*$2,039,000*	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$10,540,000
Database Infrastructure	*$60,000*	$40,000	$40,000	$160,000	$40,000	$40,000	$160,000	$0	$0	$0	$0	$480,000
Email Messaging	*$0*	$75,000	$0	$0	$0	$0	$25,000	$0	$0	$0	$0	$100,000
Enterprise Collaboration	*$0*	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Enterprise Data Storage Infrastructure	*$0*	$300,000	$0	$0	$0	$0	$144,000	$0	$0	$0	$0	$444,000
Ford Ward INET	*$40,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
IT Equipment Replacement	*$0*	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
LAN Development	*$65,000*	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
LAN/WAN Infrastructure	*$550,000*	$175,000	$370,000	$0	$275,000	$260,000	$300,000	$0	$0	$0	$0	$1,380,000
Library Replacement Equipment	*$0*	$66,263	$0	$0	$0	$0	$0	$0	$0	$0	$0	$66,263
Network Server Infrastructure	*$100,000*	$300,000	$300,000	$500,000	$400,000	$175,000	$175,000	$0	$0	$0	$0	$1,850,000
Security	*$150,000*	$250,000	$190,000	$0	$225,000	$0	$300,000	$0	$0	$0	$0	$965,000
Upgrade Work Station Operating Systems	*$0*	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
Voice Over IP	*$125,000*	$450,000	$500,000	$150,000	$150,000	$350,000	$150,000	$0	$0	$0	$0	$1,750,000
Other System Development Projects												
DCHS HIPAA Data Security Compliance	*$75,000*	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
DCHS Payment System Replacement	*$0*	$77,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$77,500
Enterprise Maintenance Mgmt System	*$185,000*	$35,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$35,000
Permit Processing	*$205,600*	$700,000	$1,200,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$1,929,000
Public Access Development												
Customer Relationship Management System	*$50,000*	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Electronic Government	*$317,340*	$0	$250,000	$250,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$1,250,000
Small Business Development Center	*$0*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Public Safety Sytems												
AJIS Enhancements	*$151,000*	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Computer Aided Dispatch System Replacement	*$2,400,000*	$600,000	$100,000	$461,000	$220,000	$950,000	$421,000	$0	$0	$0	$0	$2,752,000
EMS Records Management System	*$21,500*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Radios	*$420,000*	$400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$400,000
Fire Records Management Project	*$85,871*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Radio Network Upgrade	*$0*	$61,237	$0	$0	$0	$0	$0	$0	$0	$0	$0	$61,237
Remote Radio Technology	*$24,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
IT Plan Total	*$8,223,311*	$6,264,000	$4,759,000	$3,254,000	$3,304,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$3,554,000	$38,905,000
Grand Total	*$108,835,339*	$67,402,307	$114,669,912	$346,355,808	$102,234,498	$140,013,485	$92,784,309	$72,086,079	$77,455,886	$71,943,131	$56,963,019	$1,141,908,434

SUMMARY FUNDING TABLES

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Table 1
Proposed FY 2014 – 2023 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Unresticted City Sources	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL FY 2014 - 2023
All Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	$ 10,839,867	$ 15,347,701	$ 15,450,371	$ 14,663,061	$ 14,305,485	$ 14,997,309	$ 15,075,079	$ 15,075,886	$ 15,075,131	$ 15,085,019	$ 145,914,909
General Fund - Use of Fund Balance	$ 2,168,948	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 2,168,948
General Obligation Bond Interest Earnings	$ 300,000	$ 400,000	$ 500,000	$ 600,000	$ 700,000	$ 800,000	$ 900,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 7,200,000
General Obligation Bond Premiums	$ 2,612,603	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,612,603
Prior Year Cash Balances	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
Transfer from Code Enterprise Fund	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
Sale of Property Revenue	$ 1,395,000	$ 440,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,835,000
Other Base City Sources	$ 216,437	$ 216,437	$ 216,437	$ 216,437	$ -	$ -	$ -	$ -	$ -	$ -	$ 865,748
Subtotal, All Unrestriced Cash Sources	$ 18,282,855	$ 16,404,138	$ 16,166,808	$ 15,479,498	$ 15,005,485	$ 15,797,309	$ 15,975,079	$ 16,075,886	$ 16,075,131	$ 16,085,019	$ 161,347,208
Unrestricted Borrowing Sources											
*General Obligation Bonds (Excl. Sewers/TIP)	$ 25,370,000	$ 75,880,000	$ 35,110,000	$ 60,406,000	$ 101,989,000	$ 51,348,000	$ 36,852,000	$ 39,676,000	$ 35,339,000	$ 32,024,000	$ 493,994,000
Subtotal, All Unrestricted City Soucres	*$ 43,652,855*	*$ 92,284,138*	*$ 51,276,808*	*$ 75,885,498*	*$ 116,994,485*	*$ 67,145,309*	*$ 52,827,079*	*$ 55,751,886*	*$ 51,414,131*	*$ 48,109,019*	*$ 655,341,208*
Restricted City Sources											
Sanitary Sewer Fees	$ 1,620,000	$ 525,000	$ 150,000	$ 950,000	$ 2,000,000	$ 2,550,000	$ 1,395,000	$ 1,975,000	$ 1,375,000	$ 400,000	$ 12,940,000
General Obligation Bonds - Sanitary Sewers	$ 430,000	$ 8,000,000	$ 5,000,000	$ 4,025,000	$ 11,400,000	$ 13,700,000	$ 12,350,000	$ 12,500,000	$ 11,775,000	$ 1,000,000	$ 80,180,000
Stormwater Management Tax	$ 197,065	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 197,065
Prior Year Stormwater Balances	$ 892,935	$ 550,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,442,935
Cash Capital - Transportation Improvement Program	$ 5,050,000	$ 2,625,000	$ 2,250,000	$ 3,100,000	$ 2,200,000	$ 1,200,000	$ 1,060,000	$ 3,400,000	$ 3,550,000	$ 3,600,000	$ 28,035,000
General Obligation Bonds - Transportation Improvement Program	$ -	$ 375,000	$ 13,200,000	$ 11,350,000	$ 1,050,000	$ 1,400,000	$ 625,000	$ -	$ -	$ -	$ 28,000,000
Reprogrammed TIP Balances	$ 570,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 570,000
General Obligation Bonds - Potomac Yard Metrorail Station	$ -	$ -	$ 265,300,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 265,300,000
Potomac Yard Special Tax District/Development Contributions	$ 1,975,000	$ 2,525,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,500,000
Lease Proceeds	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
Environmental Restoration Funds	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,000	$ 625,000
Subtotal, Restricted City Sources	*$ 11,535,000*	*$ 14,600,000*	*$ 288,900,000*	*$ 19,425,000*	*$ 16,650,000*	*$ 18,850,000*	*$ 15,430,000*	*$ 17,875,000*	*$ 16,700,000*	*$ 5,025,000*	*$ 424,990,000*
Non-City Sources											
Comcast Revenues	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 1,054,000	$ 10,540,000
CMAQ/RSTP	$ 7,357,121	$ 2,950,000	$ 2,125,000	$ 3,095,000	$ 2,540,000	$ 2,960,000	$ -	$ -	$ -	$ -	$ 21,027,121
Federal Safe Routes to Schools	$ 275,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 275,000
FEMA Reimbursement	$ 660,000	$ 1,000,000	$ 725,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,385,000
Private Capital Contributions	$ 922,453	$ 1,106,774	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,029,227
State Revenue Sharing	$ -	$ 1,675,000	$ 2,275,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 2,775,000	$ 23,375,000
Urban Funds	$ 1,945,878	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,945,878
Subtotal, Non-City Sources	*$ 12,214,452*	*$ 7,785,774*	*$ 6,179,000*	*$ 6,924,000*	*$ 6,369,000*	*$ 6,789,000*	*$ 3,829,000*	*$ 3,829,000*	*$ 3,829,000*	*$ 3,829,000*	*$ 61,577,226*
Total, All Sources	$67,402,307	$ 114,669,912	$ 346,355,808	$ 102,234,498	$ 140,013,485	$ 92,784,309	$ 72,086,079	$ 77,455,886	$ 71,943,131	$ 56,963,019	$ 1,141,908,434

Unresticted City Sources	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL FY 2014 - 2023
All Uses (CIP Document Section)	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL FY 2014 - 2023
Schools	$ 10,026,609	$ 45,006,824	$ 4,808,000	$ 33,514,610	$ 64,314,908	$ 17,648,000	$ 10,360,000	$ 7,049,000	$ 14,133,000	$ 9,812,000	$ 216,672,951
Community Development	$ 2,811,680	$ 3,565,553	$ 2,147,000	$ 2,478,000	$ 2,102,500	$ 4,476,500	$ 7,404,500	$ 2,701,500	$ 3,400,500	$ 3,252,500	$ 34,340,233
Recreation & Parks	$ 5,042,773	$ 4,333,221	$ 13,405,000	$ 8,246,000	$ 6,423,000	$ 7,623,000	$ 8,673,000	$ 8,673,000	$ 8,783,000	$ 8,783,000	$ 79,984,994
Public Buildings	$ 10,658,000	$ 21,170,700	$ 12,268,000	$ 4,205,000	$ 22,007,000	$ 14,297,000	$ 4,310,000	$ 14,295,000	$ 4,235,000	$ 4,420,000	$ 111,865,700
Transit & Transportation	$ 26,425,999	$ 23,953,000	$ 302,833,000	$ 43,823,000	$ 26,118,000	$ 25,588,000	$ 20,313,000	$ 23,928,000	$ 23,178,000	$ 23,628,000	$ 539,787,999
Sanitary Sewers	$ 1,900,000	$ 8,175,000	$ 4,900,000	$ 4,975,000	$ 13,400,000	$ 18,100,000	$ 15,020,000	$ 15,750,000	$ 13,150,000	$ 1,400,000	$ 96,770,000
Stormwater Management	$ 3,500,000	$ 2,900,000	$ 1,900,000	$ 850,000	$ 1,350,000	$ 750,000	$ 1,700,000	$ 750,000	$ 750,000	$ 1,350,000	$ 15,800,000
Information Technology	$ 6,264,000	$ 4,759,000	$ 3,254,000	$ 3,304,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 3,554,000	$ 38,905,000
Other Regional Contributions	$ 773,246	$ 806,614	$ 840,808	$ 838,888	$ 744,077	$ 747,809	$ 751,579	$ 755,386	$ 759,631	$ 763,519	$ 7,781,557
TOTAL ALL USES	$ 67,402,307	$ 114,669,912	$ 346,355,808	$ 102,234,498	$ 140,013,485	$ 92,784,309	$ 72,086,079	$ 77,455,886	$ 71,943,131	$ 56,963,019	$ 1,141,908,434
% FROM BONDS	38.3%	73.5%	92.0%	74.1%	81.7%	71.6%	69.1%	67.4%	65.5%	58.0%	76.0%
% FROM CITY AND OTHER CASH SOURCES	61.7%	26.5%	8.0%	25.9%	18.3%	28.4%	30.9%	32.6%	34.5%	42.0%	24.0%

Table 2
Proposed FY 2014 – 2023 Capital Improvement Program
Additional Capital Projects with Additional Capital Investment
Three Cents on the Real Estate Tax Rate Annually

Revenue Category	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014 - 2023
Revenues											
[1]Additional 3 Cents on Tax Rate	$15,741,363	$10,849,010	$11,174,480	$11,509,714	$11,883,780	$12,270,003	$12,668,778	$13,080,513	$13,538,331	$14,012,173	$126,728,147

CIP Category/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014 - 2023
Alexandria City Public Schools											
ACPS Capacity & Non-Capacity	$0	$800,000	$800,000	$0	$3,700,000	$4,400,000	$6,000,000	$1,800,000	$1,200,000	$700,000	$19,400,000
Subtotal, Alexandria City Public Schools	*$0*	*$800,000*	*$800,000*	*$0*	*$3,700,000*	*$4,400,000*	*$6,000,000*	*$1,800,000*	*$1,200,000*	*$700,000*	*$19,400,000*
Community Development											
Waterfront Plan - Design & Engineering Only	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Subtotal, Community Development	*$1,500,000*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$1,500,000*
Recreation & Parks											
Open Space Acquisition	$1,000,000	$1,000,000	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$3,000,000
Large Park Framework Plan Improvements	$2,500,000	$1,000,000	$1,000,000	$0	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$10,500,000
Four Mile Run Park Expansion & Duron Building	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Aquatics Plan Implementation	$0	$0	$1,000,000	$9,900,000	$1,900,000	0	$0	$600,000	$5,700,000	$5,870,000	$24,970,000
Subtotal, Recreation & Parks	*$3,800,000*	*$2,000,000*	*$3,000,000*	*$9,900,000*	*$2,900,000*	*$1,000,000*	*$1,000,000*	*$1,600,000*	*$6,700,000*	*$6,870,000*	*$38,770,000*
Public Buildings											
Additional General Government Facility Maint.	$0	$0	$0	$200,000	$200,000	$300,000	$300,000	$300,000	$300,000	$300,000	$1,900,000
CIP Project Planning/Design/Engineering	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
[4]Market Square Renovations	$0	$0	$0	$0	$2,000,000	$0	$0	$0	$0	$0	$2,000,000
Subtotal, Public Buildings	*$500,000*	*$0*	*$0*	*$200,000*	*$2,200,000*	*$300,000*	*$300,000*	*$300,000*	*$300,000*	*$300,000*	*$4,400,000*
Transportation Infrastructure											
[2]Additional Street Resurfacing	$2,172,223	$544,010	$569,480	$529,714	$603,780	$590,003	$638,778	$650,513	$608,331	$662,173	$7,569,005
Additonal Bridge Repairs	$500,000	$600,000	$500,000	$400,000	$1,000,000	$0	$0	$0	$0	$0	$3,000,000
[2]Additional Street & Alley Reconstructions	$1,000,000	$1,100,000	$500,000	$0	$1,000,000	$0	$0	$0	$0	$0	$3,600,000
Sidewalk/Shared-Use Paths Maintenance	$1,480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$5,800,000
Bus Shelters and Benches	$75,000	$75,000	$75,000	$0	$0	$0	$0	$0	$0	$0	$225,000
Complete Streets	$500,000	$250,000	$250,000	$0	$0	$0	$250,000	$250,000	$250,000	$0	$1,750,000
Route 1 at E Reed Intersection Imprv.	$385,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$385,000
Subtotal, Transportation Infrastructure	*$6,112,223*	*$3,049,010*	*$2,374,480*	*$1,409,714*	*$3,083,780*	*$1,070,003*	*$1,368,778*	*$1,380,513*	*$1,338,331*	*$1,142,173*	*$22,329,005*
Sewers											
[3]Stormwater Permitting Capital Needs	$0	$0	$0	$0	$0	$5,500,000	$4,000,000	$8,000,000	$4,000,000	$5,000,000	$26,500,000
Subtotal, Sewers	*$0*	*$0*	*$0*	*$0*	*$0*	*$5,500,000*	*$4,000,000*	*$8,000,000*	*$4,000,000*	*$5,000,000*	*$26,500,000*

CIP Caegory/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014 - 2023
Information Technology											
Municipal Fiber Network	$0	$5,000,000	$5,000,000	$0	$0	$0	$0	$0	$0	$0	$10,000,000
Subtotal, Information Technology	*$0*	*$5,000,000*	*$5,000,000*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$10,000,000*
Debt Service											
[5]Prior Year Debt Service Pay Down	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Subtotal, Debt Service	*$1,000,000*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$1,000,000*
Public Safety											
[6]Self Contained Breathing Apparatus (SCBA) Replacement	$2,829,140	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,829,140
Subtotal, Public Safety	*$2,829,140*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$0*	*$2,829,140*
Total Capital Projects	$15,741,363	$10,849,010	$11,174,480	$11,509,714	$11,883,780	$12,270,003	$12,668,778	$13,080,513	$13,538,331	$14,012,173	$126,728,147

[1] FY 2014 assumes three payments during FY 2014 instead of two.

[2] Any additional investment in Street Resurfacing and Reconstruction could be utilized to leverage additional State Revenue Sharing funds.

[3] In addition to Stormwater federally mandated capital improvements, there are potentially hundreds of millions in Sanitary Sewer federally mandated capital needs. These capital needs would be funded through Sanitary Sewers fees.

[4] This project was removed from the FY 2014 - 2023 CIP as the scope of work and cost estimate was not clearly defined. The budgeted amount represents a placeholder amount - additional analysis on cost and scope is required.

[5] Assumes the use of $1.0 million in FY 2014 to pay down existing debt service which will provide greater flexibility for future borrowing within the City's debt limit ratios.

[6] SCBA replacement is a one-time capital purchase, although these expenditures (and corresponding funding) may need to be transferred to the Operating Budget in accordance with Accounting and Auditing standards.

Table 3
Proposed FY 2014 – 2023 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2023

CITY FUNDED SOURCES:	Reucrring Cash Capital /1	Projected Debt Service /2	Total General Fund
Planned Future General Fund Appropriations to Capital Projects Fund, FY 2014 - 2023			
FY 2014	$15,889,867	$57,029,259	$57,029,259
FY 2015	$17,972,701	$64,045,325	$64,045,325
FY 2016	$17,700,371	$68,533,036	$68,533,036
FY 2017	$17,763,061	$73,310,168	$73,310,168
FY 2018	$16,505,485	$91,936,534	$91,936,534
FY 2019	$16,197,309	$97,442,934	$97,442,934
FY 2020	$16,135,079	$98,925,913	$98,925,913
FY 2021	$18,475,886	$101,685,846	$101,685,846
FY 2022	$18,625,131	$102,907,678	$102,907,678
FY 2023	$18,685,019	$106,768,538	$106,768,538
Total Planned Future Appropriations	$173,949,909	$862,585,230	$862,585,230

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 2014 /1	$63,800,000
FY 2015	$84,255,000
FY 2016	$318,610,000
FY 2017	$75,781,000
FY 2018	$114,439,000
FY 2019	$66,448,000
FY 2020	$49,827,000
FY 2021	$52,176,000
FY 2022	$47,114,000
FY 2023	$33,024,000
Total General Obligation Bond Issues	$905,474,000

1 / Includes $38.0 million in bonds from prior year capital commitments including Jefferson Houston K-8 and replacing bonds used for Fire Vehicles and Apparatus replacement.

Table 3 (Continued)
Proposed FY 2014 – 2023 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2023

Planned Other City Sources	
Bond Interest Earnings	$7,200,000
General Fund Balances	$2,168,948
Sale of Property Revenue	$1,835,000
Sanitary Sewer Fees	$12,940,000
Stormwater Management Dedicated Tax	$1,640,000
Reprogrammed Transportation Impovement Program Balances	$570,000
Potomac Yard Metro Special Revenues	$7,500,000
Other CIP Cash Revenue	$5,053,351
Total Planned Other City Sources	$38,907,299
TOTAL CITY SOURCES (FY 2014 - FY 2023)	$1,118,331,208

Approved FY 2014 - 2023 City Funded CIP	
FY 2014 Approved Capital Budget	$55,187,855
FY 2015 Approved Capital Budget	$106,884,138
FY 2016 Approved Capital Budget	$340,176,808
FY 2017 Approved Capital Budget	$95,310,498
FY 2018 Approved Capital Budget	$133,644,485
FY 2019 Approved Capital Budget	$85,995,309
FY 2020 Approved Capital Budget	$68,257,079
FY 2021 Approved Capital Budget	$73,626,886
FY 2022 Approved Capital Budget	$68,114,131
FY 2023 Approved Capital Budget	$53,134,019
TOTAL CITY FUNDED USES (FY 2014 - 2023) / 1	$1,080,331,208

1 / Total does not Include $38.0 million in bonds from prior year capital commitments since funding was appropriated in prior fiscal years.

Table 4
Proposed FY 2014 – 2023 Capital Improvement Program
All Funding Sources

Funding Source/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Cash Capital											
ACPS Capacity Projects (FY 14-15)	$981,617	$2,004,593	$0	$0	$0	$0	$0	$0	$0	$0	$2,986,210
ACPS Capacity Projects (FY 17-18)	$0	$0	$0	$1,256,610	$1,671,819	$0	$0	$0	$0	$0	$2,928,429
ACPS Non-Capacity Projects	$1,068,292	$1,826,231	$1,536,000	$5,625,500	$2,682,589	$5,681,500	$5,771,500	$2,039,500	$4,029,500	$3,995,500	$34,256,112
ADA - Transportation Facilities	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$100,000
ADA Requirements	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$290,000
Adult Detention Center HVAC Replacement	$37,000	$98,700	$0	$0	$0	$0	$0	$0	$0	$0	$135,700
AJIS Enhancements	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Athletic Field Improvements (incl. Synthetic Turf)	$0	$0	$0	$110,000	$250,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,360,000
Athletic Field Restroom Renovations	$0	$20,000	$20,000	$0	$0	$0	$0	$0	$0	$0	$40,000
Ball Court Renovations	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$150,000
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
Bridge Repairs	$0	$175,000	$75,000	$300,000	$75,000	$175,000	$75,000	$175,000	$75,000	$175,000	$1,300,000
Burn Building - Smoke Stack Demolition	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Business Tax System	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Chinquapin Aquatics Center	$545,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$545,000
City Hall HVAC & Infrastructure Replacement	$950,000	$2,800,000	$0	$0	$0	$0	$0	$0	$0	$0	$3,750,000
City Historic Facilities CFMP	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,000,000
City Marina Maintenance	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$900,000
City Marina Seawalls	$0	$0	$255,000	$0	$0	$0	$0	$0	$0	$0	$255,000
City Marina Utility Upgrades	$0	$0	$187,000	$0	$0	$0	$0	$0	$0	$0	$187,000
City Marina Waterfront Dredging	$400,000	$0	$0	$0	$0	$500,000	$0	$0	$0	$0	$900,000
Complete Streets	$0	$134,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$1,934,000
Computer Aided Dispatch System Replacement	$600,000	$100,000	$461,000	$220,000	$950,000	$421,000	$0	$0	$0	$0	$2,752,000
Courthouse Renovations - HVAC Replacement	$20,000	$23,000	$15,000	$10,000	$0	$0	$0	$0	$0	$0	$68,000
Crime Prevention Projects (Street Lighting)	$0	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$200,000
Customer Relationship Management System	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Database Infrastructure	$40,000	$40,000	$160,000	$40,000	$40,000	$160,000	$0	$0	$0	$0	$480,000
DCHS HIPAA Data Security Compliance	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
DCHS Payment System Replacement	$77,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$77,500
Electronic Government	$0	$250,000	$250,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$1,250,000
Elevator Replacement/Refurbishment	$0	$50,000	$0	$0	$0	$50,000	$0	$50,000	$0	$50,000	$200,000
Email Messaging	$75,000	$0	$0	$0	$0	$25,000	$0	$0	$0	$0	$100,000

Funding Source/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Emergency Generators	$140,000	$40,000	$82,000	$100,000	$100,000	$25,000	$25,000	$100,000	$100,000	$25,000	$737,000
Energy Management Program	$185,000	$100,000	$65,000	$70,000	$120,000	$110,000	$110,000	$130,000	$150,000	$170,000	$1,210,000
Enterprise Collaboration	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Enterprise Data Storage Infrastructure	$300,000	$0	$0	$0	$0	$144,000	$0	$0	$0	$0	$444,000
Enterprise Maintenance Mgmt System	$35,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$35,000
Enterprise Resource Planning System	$500,000	$75,000	$100,000	$100,000	$75,000	$75,000	$0	$0	$0	$0	$925,000
Environmental Restoration	$0	$0	$150,000	$0	$150,000	$0	$150,000	$150,000	$150,000	$150,000	$900,000
EOC/Public Safety Center Reuse	$1,300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,300,000
Fire Department CFMP	$153,000	$50,000	$55,000	$85,000	$85,000	$85,000	$85,000	$85,000	$85,000	$85,000	$853,000
Fire Radios	$400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$400,000
Fire Station 203 (Cameron Mills)	$0	$600,000	$1,200,000	$0	$0	$0	$0	$0	$0	$0	$1,800,000
Fire Station 205 (Cameron Street)	$0	$0	$0	$0	$0	$0	$700,000	$1,300,000	$0	$0	$2,000,000
Fire Station 206 (Seminary Rd)	$0	$0	$0	$0	$700,000	$1,400,000	$0	$0	$0	$0	$2,100,000
Fire Station 207 (Duke Street)	$0	$0	$0	$700,000	$1,250,000	$0	$0	$0	$0	$0	$1,950,000
Fixed Transportation Equipment	$425,000	$425,000	$425,000	$425,000	$725,000	$425,000	$425,000	$1,175,000	$425,000	$425,000	$5,300,000
Gadsby Lighting Fixtures & Poles Replacement	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
General Services CFMP	$186,200	$95,000	$120,000	$135,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,736,200
GIS Development	$160,000	$280,000	$150,000	$190,000	$0	$100,000	$0	$0	$0	$0	$880,000
Hybrid Bus / Trolley Battery Packs	$0	$0	$500,000	$150,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,650,000
IT Equipment Replacement	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
IT Lump Sum Funding	$0	$0	$0	$0	$0	$0	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$10,000,000
King Street Plan Implementation	$0	$0	$150,000	$50,000	$50,000	$50,000	$0	$0	$0	$0	$300,000
LAN Development	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
LAN/WAN Infrastructure	$175,000	$370,000	$0	$275,000	$260,000	$300,000	$0	$0	$0	$0	$1,380,000
Landmark/Van Dorn Area Plan Implementation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
Library CFMP	$610,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,960,000
Library Replacement Equipment	$66,263	$0	$0	$0	$0	$0	$0	$0	$0	$0	$66,263
Madison & Montgomery Reconstruction	$0	$0	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Mental Health Residential Facilities CFMP	$150,000	$0	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,350,000
Network Server Infrastructure	$300,000	$300,000	$500,000	$400,000	$175,000	$175,000	$0	$0	$0	$0	$1,850,000
Northern Virginia Community College	$286,927	$326,022	$365,869	$369,528	$373,223	$376,955	$380,725	$384,532	$388,777	$392,665	$3,645,223
Northern Virginia Regional Park Authority	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$3,708,540
Office of the Sheriff CFMP	$345,000	$275,000	$285,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,005,000
Open Space Acquisition and Develop.	$0	$0	$100,000	$100,000	$100,000	$100,000	$550,000	$4,000,000	$4,000,000	$4,000,000	$12,950,000
Park Renovations CFMP	$338,000	$338,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
Patrick Henry Recreation Center	$350,000	$485,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$2,335,000
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
Permit Processing	$200,000	$0	$29,000	$0	$0	$0	$0	$0	$0	$0	$229,000
Personal Property Tax System	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Peumansend Creek Regional Jail	$115,465	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$427,794
Pistol Range	$0	$180,000	$150,000	$0	$0	$0	$0	$0	$0	$0	$330,000

Funding Source/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Playground Renovations CFMP	$35,000	$42,500	$37,500	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$395,000
Police K-9 Facility Renovation	$40,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$40,000
Public Art Acquisition	$100,000	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$3,200,000
Public Art Conservation Program	$15,000	$15,000	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$195,000
Public Pools	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$520,000
Radio Network Upgrade	$61,237	$0	$0	$0	$0	$0	$0	$0	$0	$0	$61,237
Recreation Centers CFMP	$335,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,685,000
Security	$250,000	$190,000	$0	$225,000	$0	$300,000	$0	$0	$0	$0	$965,000
Shared-Use Paths	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$1,180,000
Small Business Development Center	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Soft Surface Trails	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$120,000	$120,000	$720,000
Storm Sewer Capacity Assessment	$0	$0	$0	$0	$0	$0	$950,000	$0	$0	$0	$950,000
Street Reconstruction & Resurfacing of Major Roads	$1,375,000	$1,375,000	$1,875,000	$0	$0	$0	$0	$0	$0	$0	$4,625,000
Street/Alley Reconstructions & Extensions	$75,000	$75,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$950,000
Torpedo Factory Repairs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
Transportation Signage & Wayfinding System	$225,000	$200,000	$0	$515,000	$361,000	$432,000	$241,000	$0	$0	$0	$1,974,000
Tree & Shrub Capital Maintenance	$226,000	$226,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$2,960,000
Upgrade Work Station Operating Systems	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,200,000
Voice Over IP	$450,000	$500,000	$150,000	$150,000	$350,000	$150,000	$0	$0	$0	$0	$1,750,000
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
Water Management & Irrigation	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$1,280,000
Waterfront Small Area Plan Implementation	$800,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$800,000
Windmill Hill Park Improvements	$0	$300,000	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$1,300,000
Cash Capital Total	$17,782,855	$16,404,138	$16,166,808	$15,479,498	$15,005,485	$15,797,309	$15,975,079	$16,075,886	$16,075,131	$16,085,019	$160,847,208
Cash Capital - TIP											
Backlick Run Multi-Use Paths	$0	$0	$0	$200,000	$1,950,000	$0	$0	$0	$0	$0	$2,150,000
Bicycle Master Plan Update	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare	$450,000	$0	$300,000	$0	$0	$0	$225,000	$0	$300,000	$0	$1,275,000
DASH Fleet Expansion	$3,250,000	$0	$0	$2,900,000	$0	$1,200,000	$0	$1,300,000	$0	$0	$8,650,000
Duke Street Complete Streets	$0	$0	$0	$0	$0	$0	$210,000	$2,100,000	$0	$0	$2,310,000
High Street Construction	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
King Street Metrorail Station Area	$0	$0	$0	$0	$0	$0	$375,000	$0	$0	$0	$375,000
Landmark Transit Station	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$600,000
Mt. Vernon Ave/Russell Road Intersection	$0	$100,000	$900,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Old Cameron Run Trail	$0	$500,000	$800,000	$0	$0	$0	$0	$0	$0	$0	$1,300,000
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	$0	$0	$3,000,000	$0	$3,000,000
Transit Corridor "B" - Duke Street	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000	$2,000,000
Transit Corridor "C" - Beauregard	$0	$2,025,000	$0	$0	$0	$0	$0	$0	$0	$0	$2,025,000
Transportation Technologies	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,250,000
Van Dorn Metro Multimodal Bridge	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Cash Capital - TIP Total	$5,050,000	$2,625,000	$2,250,000	$3,100,000	$2,200,000	$1,200,000	$1,060,000	$3,400,000	$3,550,000	$3,600,000	$28,035,000

Funding Source/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
CMAQ/RSTP											
Bicycle Parking at Major Transit Stops	$0	$0	$25,000	$225,000	$0	$100,000	$0	$0	$0	$0	$350,000
Braddock Rd. Metro Multimodal Connections	$0	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bus Shelters and Benches	$522,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$522,500
Capital Bikeshare	$100,000	$300,000	$0	$0	$270,000	$0	$0	$0	$0	$0	$670,000
DASH Bus Fleet Replacements (Since FY 11)	$2,650,000	$2,050,000	$2,100,000	$2,870,000	$2,160,000	$2,160,000	$0	$0	$0	$0	$13,990,000
Holmes Run Greenway	$1,317,602	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,317,602
ITS Integration	$1,567,019	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,567,019
King Street Metrorail Station Area	$750,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$750,000
Mt. Vernon Trail @ East Abingdon	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Parking Technologies	$0	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$310,000
Transit Corridor "B" - Duke Street	$0	$0	$0	$0	$0	$500,000	$0	$0	$0	$0	$500,000
Transit Corridor "C" - Beauregard	$0	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
CMAQ/RSTP Total	$7,357,121	$2,950,000	$2,125,000	$3,095,000	$2,540,000	$2,960,000	$0	$0	$0	$0	$21,027,121
Comcast Revenues											
Connectivity Initiatives	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$10,540,000
Comcast Revenues Total	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$10,540,000
Environmental Restoration Funds											
Stream & Channel Maintenance	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$25,000	$625,000
Environmental Restoration Funds Total	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$25,000	$625,000
Federal Safe Routes to Schools											
Safe Routes to Schools	$275,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,000
Federal Safe Routes to Schools Total	$275,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,000
FEMA Reimbursement											
Stream & Channel Maintenance	$660,000	$1,000,000	$725,000	$0	$0	$0	$0	$0	$0	$0	$2,385,000
FEMA Reimbursement Total	$660,000	$1,000,000	$725,000	$0	$0	$0	$0	$0	$0	$0	$2,385,000
General Obligation Bonds											
ACPS Capacity Projects (FY 14-15)	$4,000,000	$36,046,231	$0	$0	$0	$0	$0	$0	$0	$0	$40,046,231
ACPS Capacity Projects (FY 17-18)	$0	$0	$0	$2,000,000	$44,961,089	$0	$0	$0	$0	$0	$46,961,089
ACPS Non-Capacity Projects	$3,976,700	$5,129,769	$3,272,000	$24,632,500	$14,999,411	$11,966,500	$4,588,500	$5,009,500	$10,103,500	$5,816,500	$89,494,880
Adult Detention Center HVAC Replacement	$333,000	$882,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,215,000
Athletic Field Improvements (incl. Synthetic Turf)	$0	$0	$0	$1,500,000	$2,250,000	$1,800,000	$1,800,000	$1,800,000	$1,800,000	$1,800,000	$12,750,000
Athletic Field Restroom Renovations	$0	$0	$205,000	$205,000	$0	$0	$0	$0	$0	$0	$410,000
Ball Court Renovations	$210,000	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$1,425,000
Bridge Repairs	$0	$525,000	$225,000	$900,000	$225,000	$525,000	$225,000	$525,000	$225,000	$525,000	$3,900,000
City Hall HVAC & Infrastructure Replacement	$2,000,000	$12,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$14,000,000
City Historic Facilities CFMP	$245,000	$245,000	$245,000	$245,000	$245,000	$245,000	$245,000	$245,000	$245,000	$245,000	$2,450,000

Funding Source/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
City Marina Seawalls	$0	$0	$0	$1,445,000	$0	$0	$0	$0	$0	$0	$1,445,000
City Marina Utility Upgrades	$0	$0	$0	$1,063,000	$0	$0	$0	$0	$0	$0	$1,063,000
City Marina Waterfront Dredging	$0	$2,550,000	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$5,550,000
Complete Streets	$0	$536,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$5,936,000
Courthouse Renovations - HVAC Replacement	$180,000	$207,000	$135,000	$90,000	$0	$0	$0	$0	$0	$0	$612,000
DASH Bus Fleet Replacements (Since FY 11)	$0	$2,400,000	$1,200,000	$4,200,000	$4,200,000	$4,200,000	$3,200,000	$3,200,000	$4,200,000	$4,200,000	$31,000,000
Elevator Replacement/Refurbishment	$0	$450,000	$0	$0	$0	$450,000	$0	$450,000	$0	$450,000	$1,800,000
Emergency Generators	$278,000	$405,000	$0	$320,000	$300,000	$0	$0	$107,000	$350,000	$0	$1,760,000
Energy Management Program	$450,000	$700,000	$585,000	$280,000	$480,000	$440,000	$440,000	$520,000	$600,000	$680,000	$5,175,000
Fire Department CFMP	$247,000	$350,000	$345,000	$315,000	$315,000	$315,000	$315,000	$315,000	$315,000	$315,000	$3,147,000
Fire Department Vehicles & Apparatus	$694,000	$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	$18,177,000
Fire Station 203 (Cameron Mills)	$0	$0	$5,921,000	$0	$0	$0	$0	$0	$0	$0	$5,921,000
Fire Station 205 (Cameron Street)	$0	$0	$0	$0	$0	$0	$0	$8,603,000	$0	$0	$8,603,000
Fire Station 206 (Seminary Rd)	$0	$0	$0	$0	$0	$8,787,000	$0	$0	$0	$0	$8,787,000
Fire Station 207 (Duke Street)	$0	$0	$0	$0	$16,022,000	$0	$0	$0	$0	$0	$16,022,000
Fixed Transportation Equipment	$425,000	$425,000	$425,000	$425,000	$725,000	$425,000	$425,000	$1,175,000	$425,000	$425,000	$5,300,000
Fleet Facility - Lift Replacement	$585,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$585,000
Four Mile Run Channel Maintenance	$0	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$1,200,000
General Services CFMP	$765,000	$1,005,000	$730,000	$965,000	$1,300,000	$1,300,000	$1,300,000	$1,300,000	$1,300,000	$1,300,000	$11,265,000
Green Infrastructure in CSO Areas	$150,000	$350,000	$250,000	$0	$0	$0	$0	$0	$0	$0	$750,000
King Street Plan Implementation	$0	$0	$0	$200,000	$200,000	$200,000	$0	$0	$0	$0	$600,000
Library CFMP	$105,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$105,000
Madison & Montgomery Reconstruction	$0	$0	$0	$5,750,000	$0	$0	$0	$0	$0	$0	$5,750,000
Mental Health Residential Facilities CFMP	$0	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
MS4-TMDL Compliance Water Quality Imprv.	$800,000	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,150,000
Office of the Sheriff CFMP	$115,000	$185,000	$175,000	$160,000	$160,000	$160,000	$160,000	$160,000	$160,000	$160,000	$1,595,000
Open Space Acquisition and Develop.	$600,000	$0	$700,000	$1,400,000	$1,250,000	$2,900,000	$3,450,000	$0	$0	$0	$10,300,000
Patrick Henry Recreation Center	$0	$0	$4,165,000	$0	$0	$0	$0	$0	$0	$0	$4,165,000
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
Permit Processing	$0	$1,200,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
Pistol Range	$0	$0	$1,350,000	$0	$0	$0	$0	$0	$0	$0	$1,350,000
Playground Renovations CFMP	$665,000	$807,500	$712,500	$460,000	$510,000	$560,000	$610,000	$610,000	$660,000	$660,000	$6,255,000
Police K-9 Facility Renovation	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Recreation Centers CFMP	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	$3,500,000
Roof Replacement Program	$458,800	$0	$380,000	$0	$0	$0	$0	$0	$0	$0	$838,800
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$0	$1,850,000	$1,275,000	$1,275,000	$0	$0	$4,400,000
Storm Sewer System Spot Improvements	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Stream & Channel Maintenance	$50,000	$0	$375,000	$550,000	$450,000	$450,000	$450,000	$450,000	$450,000	$425,000	$3,650,000
Street Reconstruction & Resurfacing of Major Roads	$0	$0	$0	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$16,625,000
Street/Alley Reconstructions & Extensions	$225,000	$225,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,850,000

Funding Source/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Windmill Hill Park Improvements	$0	$0	$2,700,000	$0	$0	$0	$0	$0	$0	$0	$2,700,000
WMATA Capital Contributions	$6,775,000	$7,380,000	$7,530,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$74,535,000
General Obligation Bonds Total	$25,370,000	$75,880,000	$35,110,000	$60,406,000	$101,989,000	$51,348,000	$36,852,000	$39,676,000	$35,339,000	$32,024,000	$493,994,000
General Obligation Bonds - Potomac Yard											
Potomac Yard Metrorail Station	$0	$0	$265,300,000	$0	$0	$0	$0	$0	$0	$0	$265,300,000
General Obligation Bonds - Potomac Yard Total	$0	$0	$265,300,000	$0	$0	$0	$0	$0	$0	$0	$265,300,000
General Obligation Bonds - Sanitary Sewer											
AlexRenew WWTP Capacity	$0	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$34,220,000
Combined Sewer Separation Projects	$0	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$25,000	$200,000	$2,825,000
Combined Sewer System Permit Compliance	$0	$0	$200,000	$0	$0	$0	$180,000	$0	$0	$0	$380,000
Four Mile Run Sanitary Sewer Repair	$310,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$310,000
Green Infrastructure in CSO Areas	$120,000	$280,000	$200,000	$0	$0	$0	$0	$0	$0	$0	$600,000
Holmes Run 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
Reconstructions & Exts. of Sanitary Sewers	$0	$900,000	$900,000	$900,000	$360,000	$900,000	$900,000	$500,000	$0	$800,000	$6,160,000
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$0	$1,480,000	$0	$0	$0	$0	$1,480,000
Wet Weather Management Facility	$0	$3,220,000	$1,125,000	$0	$7,875,000	$7,520,000	$0	$0	$0	$0	$19,740,000
General Obligation Bonds - Sanitary Sewer Total	$430,000	$8,000,000	$5,000,000	$4,025,000	$11,400,000	$13,700,000	$12,350,000	$12,500,000	$11,775,000	$1,000,000	$80,180,000
General Obligation Bonds - TIP											
Backlick Run Multi-Use Paths	$0	$0	$0	$0	$1,050,000	$0	$0	$0	$0	$0	$1,050,000
DASH Fleet Expansion	$0	$0	$0	$350,000	$0	$1,400,000	$0	$0	$0	$0	$1,750,000
King Street Metrorail Station Area	$0	$0	$0	$0	$0	$0	$625,000	$0	$0	$0	$625,000
Old Cameron Run Trail	$0	$0	$2,200,000	$0	$0	$0	$0	$0	$0	$0	$2,200,000
Transit Corridor "C" - Beauregard	$0	$375,000	$11,000,000	$11,000,000	$0	$0	$0	$0	$0	$0	$22,375,000
General Obligation Bonds - TIP Total	$0	$375,000	$13,200,000	$11,350,000	$1,050,000	$1,400,000	$625,000	$0	$0	$0	$28,000,000
Lease Proceeds											
Braddock Area Plan Park	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Lease Proceeds Total	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Potomac Yard Special Tax District/Dev. Contribution											
Potomac Yard Metrorail Station	$1,975,000	$2,525,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$7,500,000
Potomac Yard Special Tax District/Dev. Contribution Total	$1,975,000	$2,525,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$7,500,000
Prior Year Stormwater Balances											
MS4-TMDL Compliance Water Quality Imprv.	$0	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Storm Sewer Capacity Assessment	$52,935	$0	$0	$0	$0	$0	$0	$0	$0	$0	$52,935
Stream & Channel Maintenance	$840,000	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$940,000
Prior Year Stormwater Balances Total	$892,935	$550,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,442,935
Private Capital Contributions											
Braddock Area Plan Park	$564,773	$855,221	$0	$0	$0	$0	$0	$0	$0	$0	$1,419,994
Braddock Road Area Plan - Streetscape Improvements	$287,680	$251,553	$0	$0	$0	$0	$0	$0	$0	$0	$539,233
Bus Shelters and Benches	$20,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$20,000
Capital Bikeshare	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Private Capital Contributions Total	$922,453	$1,106,774	$0	$0	$0	$0	$0	$0	$0	$0	$2,029,227

Funding Source/Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Reprogrammed TIP Balances											
Seminary Rd. at Beauregard Ellipse	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$325,000
Waterfront Small Area Plan Implementation	$245,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$245,000
Reprogrammed TIP Balances Total	$570,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$570,000
Sanitary Sewer Fees											
Combined Sewer Overflow 001 Planning	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Combined Sewer Separation Projects	$200,000	$0	$0	$0	$0	$0	$0	$0	$175,000	$0	$375,000
Combined Sewer System Permit Compliance	$300,000	$300,000	$100,000	$300,000	$300,000	$300,000	$120,000	$300,000	$300,000	$300,000	$2,620,000
Four Mile Run Sanitary Sewer Repair	$190,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$190,000
Green Infrastructure in CSO Areas	$30,000	$70,000	$50,000	$0	$0	$0	$0	$0	$0	$0	$150,000
Holmes Run Sewershed Infiltration & Inflow	$0	$0	$0	$150,000	$285,000	$400,000	$0	$0	$0	$0	$835,000
Holmes Run Trunk Sewer	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Reconstructions & Exts. of Sanitary Sewers	$900,000	$0	$0	$0	$540,000	$0	$0	$400,000	$900,000	$100,000	$2,840,000
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$0	$370,000	$1,275,000	$1,275,000	$0	$0	$2,920,000
Wet Weather Management Facility	$0	$155,000	$0	$0	$875,000	$1,480,000	$0	$0	$0	$0	$2,510,000
Sanitary Sewer Fees Total	$1,620,000	$525,000	$150,000	$950,000	$2,000,000	$2,550,000	$1,395,000	$1,975,000	$1,375,000	$400,000	$12,940,000
State Revenue Sharing											
Street Reconstruction & Resurfacing of Major Roads	$0	$1,375,000	$1,875,000	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$2,375,000	$19,875,000
Street/Alley Reconstructions & Extensions	$0	$300,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$3,500,000
State Revenue Sharing Total	$0	$1,675,000	$2,275,000	$2,775,000	$2,775,000	$2,775,000	$2,775,000	$2,775,000	$2,775,000	$2,775,000	$23,375,000
Stormwater Management Tax											
Storm Sewer Capacity Assessment	$197,065	$0	$0	$0	$0	$0	$0	$0	$0	$0	$197,065
Stormwater Management Tax Total	$197,065	$0	$0	$0	$0	$0	$0	$0	$0	$0	$197,065
Transfer from Code Fund											
Permit Processing	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Transfer from Code Fund Total	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Urban Funds											
DASH Bus Fleet Replacements (Since FY 11)	$1,400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,400,000
King Street Metrorail Station Area	$545,878	$0	$0	$0	$0	$0	$0	$0	$0	$0	$545,878
Urban Funds Total	$1,945,878	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,945,878
Grand Total	$67,402,307	$114,669,912	$346,355,808	$102,234,498	$140,013,485	$92,784,309	$72,086,079	$77,455,886	$71,943,131	$56,963,019	$1,141,908,434

Table 5
Proposed FY 2014 – 2023 Capital Improvement Program
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	768,038,908	33,782,698	10,758,922
FY 2013	48,571,714	508,700,000	798,774,799	34,500,000	11,027,985
FY 2014	57,029,259	540,113,897	754,520,986	35,420,000	11,689,569
FY 2015	64,045,325	587,292,412	824,276,889	36,394,050	12,390,943
FY 2016	68,533,036	864,946,612	1,126,205,291	37,485,872	13,134,399
FY 2017	73,310,168	896,352,238	871,677,686	38,610,448	13,922,463
FY 2018 / 5	91,936,534	962,886,552	911,770,339	39,865,287	14,757,811
FY 2019	97,442,934	976,556,554	941,746,192	41,160,909	15,643,280
FY 2020	98,925,913	971,884,785	974,645,880	42,498,639	16,581,877
FY 2021	101,685,846	967,384,298	1,012,993,555	43,879,844	17,576,789
FY 2022	102,907,678	955,430,142	1,053,480,537	45,415,639	18,631,397
FY 2023	106,768,538	923,380,060	1,075,521,399	47,005,186	19,749,280

/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 2013 are based on a long range forecast scenario.

/3 Presented on a calendar year basis. Future growth assumes a 2.75% growth in FY 2015, 4.5% in FY 2014, 3.0% growth for FY 2015-2016, 3.25% for FY 2018-2021, and 3.5% fo FY 2022-2023.

/4 Total personal income through FY 2012 is from the City's Comprehensive Annual Financial Report (CAFR), Table XI, page 132. Personal income estimates for FY 2013 and beyond are increased by 6.00% annually, which includes an increment related to the gradual buildout of Potomac Yards. This debt ratio will need to be watched closely in the coming fiscal years.

/5 Reflects debt service for self-funded proposed Potomac Yard Metrorail Station starting in FY 2018 (Bonds issued FY 2016).

Table 5 (Continued)
Proposed FY 2014 – 2023 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	7.8%	1.5%	4.5%
FY 2016 / 2	6.1%	2.2%	6.3%
FY 2017	8.4%	2.2%	6.2%
FY 2018	10.1%	2.3%	6.2%
FY 2019	10.4%	2.2%	5.9%
FY 2020	10.2%	2.1%	5.5%
FY 2021	10.0%	2.0%	5.1%
FY 2022	9.8%	1.9%	4.7%
FY 2023	9.9%	1.8%	4.3%

/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 2016.

Table 6: 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 7 through 19, 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 6. City of Alexandria, VA Summary of Total General Obligation Debt Service Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$32,220,000	$21,660,001	$53,880,001
2015	$35,030,000	$20,426,920	$55,456,920
2016	$35,680,000	$18,910,344	$54,590,344
2017	$36,280,000	$17,310,619	$53,590,619
2018	$36,175,000	$15,735,543	$51,910,543
2019	$36,065,000	$14,133,331	$50,198,331
2020	$33,800,000	$12,563,554	$46,363,554
2021	$30,870,000	$11,115,050	$41,985,050
2022	$28,045,000	$9,744,519	$37,789,519
2023	$29,395,000	$8,494,594	$37,889,594
2024	$25,020,000	$7,206,494	$32,226,494
2025	$24,945,000	$6,162,669	$31,107,669
2026	$23,005,000	$5,089,656	$28,094,656
2027	$20,040,000	$4,030,950	$24,070,950
2028	$21,290,000	$3,102,750	$24,392,750
2029	$20,040,000	$2,165,338	$22,205,338
2030	$16,940,000	$1,335,325	$18,275,325
2031	$12,140,000	$708,725	$12,848,725
2032	$7,740,000	$328,925	$8,068,925
2033	$3,980,000	$129,350	$4,109,350
Total	$508,700,000	$180,354,657	$689,054,657

Table 7. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $17.34 MILLION - (JULY, 2012) Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$85,000	$577,800	$662,800
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	$17,265,000	$4,725,850	$21,990,850

Table 8. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $76.82 MILLION - (JULY, 2012) Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$2,200,000	$3,244,725	$5,444,725
2015	$3,280,000	$3,178,725	$6,458,725
2016	$3,340,000	$3,014,725	$6,354,725
2017	$4,000,000	$2,847,725	$6,847,725
2018	$4,000,000	$2,647,725	$6,647,725
2019	$4,000,000	$2,447,725	$6,447,725
2020	$4,000,000	$2,247,725	$6,247,725
2021	$4,000,000	$2,047,725	$6,047,725
2022	$4,000,000	$1,847,725	$5,847,725
2023	$4,000,000	$1,647,725	$5,647,725
2024	$3,980,000	$1,447,725	$5,427,725
2025	$3,980,000	$1,248,725	$5,228,725
2026	$3,980,000	$1,089,525	$5,069,525
2027	$3,980,000	$930,325	$4,910,325
2028	$3,980,000	$771,125	$4,751,125
2029	$3,980,000	$611,925	$4,591,925
2030	$3,980,000	$492,525	$4,472,525
2031	$3,980,000	$373,125	$4,353,125
2032	$3,980,000	$253,725	$4,233,725
2033	$3,980,000	$129,350	$4,109,350
Total	$76,620,000	$32,520,325	$109,140,325

Table 9. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $63.625 MILLION - (APRIL, 2012) Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$0	$2,572,800	$2,572,800
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	$16,705,100	$77,440,100

Table 10. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $69.95 MILLION - (JULY, 2011) Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$2,000,000	$2,675,719	$4,675,719
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	$68,950,000	$26,007,384	$94,957,384

Table 11. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $17.0 MILLION - A (JULY, 2010)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$2,900,000	$3,053,900	$5,953,900
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	$14,000,000	$11,320,100	$25,320,100

* Tax-exempt portion of bond issuance

Table 12. City of Alexandria, VA BUILD AMERICA BOND ISSUE OF $55.3 MILLION - B (JULY, 2010)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$0	$0	$0
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 13. City of Alexandria, VA BUILD AMERICA BOND ISSUE OF $44.5 MILLION - B (JUNE, 2009)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$0	$2,380,250	$2,380,250
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	$29,377,475	$73,877,475

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

Table 14. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $35.2 MILLION - A (JUNE, 2009)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$4,100,000	$861,000	$4,961,000
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	$28,700,000	$3,610,563	$32,310,563

* Tax-exempt portion of bond issuance

Table 15. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $58.0 MILLION - A (JULY, 2008)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$3,100,000	$2,046,000	$5,146,000
2015	$3,100,000	$1,883,250	$4,983,250
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	$49,600,000	$15,925,088	$65,525,088

* Tax-exempt portion of bond issuance

Table 16. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $5.0 MILLION - B (JULY, 2008)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$250,000	$205,594	$455,594
2015	$250,000	$188,250	$438,250
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	$1,250,000	$70,000	$1,320,000
Total	$4,000,000	$1,921,969	$5,921,969

* Taxable portion of bond issuance for Glebe Park housing project

Table 17. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $22.8 MILLION - A (MAY, 2007)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$2,905,000	$1,025,650	$3,930,650
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	$22,815,000	$4,821,500	$27,636,500

* Tax exempt bond issuance refinanced prior City bond issuance

Table 18. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $56.0 MILLION - A (JUNE, 2006)** Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$2,920,000	$630,569	$3,550,569
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	$14,580,000	$3,931,809	$18,511,809

** Tax exempt portion of bond issuance

Table 19. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $15.0 MILLION - B (JUNE, 2006)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$750,000	$562,875	$1,312,875
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	$9,750,000	$3,997,875	$13,747,875

* Taxable portion of bond issuance (affordable housing)

Table 20. City of Alexandria, VA *GENERAL OBLIGATION BOND ISSUE OF $54.8 MILLION - C (NOVEMBER, 2004) Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$2,740,000	$184,950	$2,924,950
2015	$2,740,000	$137,000	$2,877,000
Total	$5,480,000	$321,950	$5,801,950

Table 21. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $32.5 MILLION - B (OCTOBER, 2004)* Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$3,130,000	$922,569	$4,052,569
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	$21,265,000	$3,667,419	$24,932,419

* Tax exempt bond issuance refinanced prior City bond issuance

Table 22. City of Alexandria, VA *GENERAL OBLIGATION BOND ISSUE OF $64.7 MILLION - (JANUARY 1, 2004) Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$3,140,000	$125,600	$3,265,600
Total	$3,140,000	$125,600	$3,265,600

* FY 2015 - 2023 refinanced as part of the April 2012 General Obligation Bond Refunding Issue.

Table 23. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $34.0 MILLION - (JANUARY, 1999) Debt Outstanding at June 30, 2013			
Fiscal Year	Principal	Interest	Total
2014	$2,000,000	$590,000	$2,590,000
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	$12,000,000	$2,080,000	$14,080,000

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CAPITAL PROJECT DETAILS

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Capital Project Details Sheets

The detail sheets contained in sections 7 – 13 of the Capital Improvement Program (CIP) document provide a variety of information about the City's Capital Improvement Program (CIP) projects. The format of the detail sheets was changed beginning in FY 2014, to provide clear, concise and relevant information for each project. Additionally, the display of the financial (budget) details is different this year, as each project now has an individual Sources and Uses table. 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.

OCA – 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 2014 – 2023 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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*215,460*	*0*	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
Financing Plan													
Prior City Funding	*215,460*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	210,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,425,000
Cash Capital	*0*	*0*	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Total Financing Plan	*215,460*	*0*	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
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
Basis of Project Cost Estimation: Cost estimates have been generated based on price quotes and previous work under the City's blanket contract.													

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 2013, and then planned funding for FY 2014 – 2023. Since these projects have a defined start and finish date, providing total project costs is more beneficial than providing allocated and unallocated balances. In prior plans, 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	5,697,500	*1,697,500*	0	300,000	3,700,000	0	0	0	0	0	0	0	4,000,000
Financing Plan													
General Obligation Bonds	4,623,953	*923,953*	0	0	3,700,000	0	0	0	0	0	0	0	3,700,000
Cash Capital	1,038,547	*738,547*	0	300,000	0	0	0	0	0	0	0	0	300,000
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*	0	300,000	3,700,000	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
Basis of Project Cost Estimation: In March 2007, a consultant, RKK, conducted a cost analysis of the bulkhead portion of the project. Of the $1,697,500 budgeted through FY 2013, a balance of $1,304,727 remains available for this project.													

Additionally, information providing the costs of additional operating impacts associated with project completion and the basis for the cost estimation used to develop the project budget 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

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

- Relevant Strategic Plan Goals, with the first goal listed tied to the spreadsheet in the Expenditure Summary Section.
- LTO – Long-Term Outcomes as developed by the Office of Performance Accountability (OPA) and City staff.
- IO – Intermediate Outcomes as developed by the Office of Performance Accountability (OPA) and City staff.
- External or Internal Adopted Plan or Recommendation (if applicable)
- Details of funding changes from the prior year approved plan (if applicable)
- Explanation of additional operating impact corresponding to the numbers in the financial (budget) information table.

ALEXANDRIA CITY PUBLIC SCHOOLS

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Alexandria City Public Schools (ACPS)

City Manager's Proposed FY 2014 – 2023 Capital Improvement Program

City Manager's Proposed CIP	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Patrick Henry Capacity Project	$ 4,981,617	$ 38,050,824	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 43,032,441
New School #1	$ -	$ -	$ -	$ 3,256,610	$ 46,632,908	$ -	$ -	$ -	$ -	$ -	$ 49,889,518
City Manager's Proposed Non-Capacity Projects	$ 5,044,992	$ 6,956,000	$ 4,808,000	$ 30,258,000	$ 17,682,000	$ 17,648,000	$ 10,360,000	$ 7,049,000	$ 14,133,000	$ 9,812,000	$ 123,750,992
Total, City Manager's Proposed CIP	$ 10,026,609	$ 45,006,824	$ 4,808,000	$ 33,514,610	$ 64,314,908	$ 17,648,000	$ 10,360,000	$ 7,049,000	$ 14,133,000	$ 9,812,000	$ 216,672,951

Superintendent's Proposed FY 2014 – 2023 Capital Improvement Program

ACPS Superintendent's Proposed FY 2014 - 2023 CIP Analysis - "Resource Constrained"

Capacity Projects	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Central Office Relocation	$ 890,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 890,000
Instructional Environment - Project Planning	$ 300,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 4,800,000
New School #1	$ -	$ -	$ 3,256,610	$ 8,269,177	$ 37,336,475	$ 1,027,256	$ -	$ -	$ -	$ -	$ 49,889,518
Barrett Classrooms/Core Space	$ 2,198,943	$ 1,773,979	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,972,922
New Cora Kelly	$ -	$ -	$ -	$ -	$ 3,099,689	$ 7,870,721	$ 35,537,394	$ 1,971,189	$ -	$ -	$ 48,478,993
MacArthur Classroom/Program Space	$ -	$ 1,722,644	$ 159,301	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,881,945
Mason Classroom/Core Space	$ 2,295,929	$ 577,242	$ 310,823	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,183,994
Polk Classrooms	$ 1,657,503	$ 4,555,681	$ 2,293,575	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,506,759
Maury Classrooms/Core Space	$ 412,024	$ 726,041	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,138,065
Patrick Henry Capacity	$ 4,981,617	$ 36,046,231	$ 2,004,593	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 43,032,441
Minnie Howard Demo/Classrooms/Food Service	$ -	$ -	$ -	$ 2,101,029	$ 9,044,919	$ 16,845,891	$ -	$ -	$ -	$ -	$ 27,991,839
School Bus	$ 356,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 356,000
Total, All Capacity Related Projects	$ 13,092,016	$ 45,901,818	$ 8,524,902	$ 10,870,206	$ 49,981,083	$ 26,243,868	$ 36,037,394	$ 2,471,189	$ 500,000	$ 500,000	$ 194,122,476
Non-Capacity Only	$ 5,044,992	$ 9,274,176	$ 6,410,375	$ 40,343,840	$ 23,575,659	$ 23,530,973	$ 13,813,842	$ 9,398,484	$ 18,844,555	$ 13,082,237	$ 163,319,133
Total, Superintendent's Proposed CIP	$ 18,137,008	$ 55,175,994	$ 14,935,277	$ 51,214,046	$ 73,556,742	$ 49,774,841	$ 49,851,236	$ 11,869,673	$ 19,344,555	$ 13,582,237	$ 357,441,609
Difference: Superintendent - City Manager	$ 8,110,399	$ 10,169,170	$ 10,127,277	$ 17,699,436	$ 9,241,834	$ 32,126,841	$ 39,491,236	$ 4,820,673	$ 5,211,555	$ 3,770,237	$ 140,768,658

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Alexandria City Public Schools (ACPS) Proposed Capital Improvement Program (CIP) Comparison of the Superintendent's Proposed FY 2014 – 2023 CIP and the City Manager's Proposed FY 2014 – 2023 CIP

Overview

On January 24, 2013 Alexandria City Public Schools (ACPS) Superintendent Mort Sherman presented to the ACPS School Board a Proposed FY 2014 – 2023 Capital Improvement Program (CIP). Similar to last year, the Superintendent presented both Needs-Based and Resource-Constrained CIPs. The Needs-Based CIP requests $383.4 million over ten years from the City, while the Resource-Constrained CIP equals $357.4 million. For the purposes of this analysis, City staff will use the Superintendent's Resource-Constrained proposed budget amounts of $357.4 million for FY 2014 – 2023, which includes a requested $18.1 million for FY 2014.

- Nine-Year Comparison: FY 2014 – 2022 City Council Approved and Superintendent's Proposed CIP

As part of the City Council Approved FY 2013 – 2022 CIP (adopted May 7, 2012), the ACPS ten year CIP totaled $203.6 million, of which $58.9 million was budgeted for FY 2013. The FY 2013 capital year budget included fully funding the new Jefferson-Houston K-8 facility (along with additional funding approved by City Council during Add-Delete to fully fund a synthetic turf athletic field). City Council approved $144.7 million for FY 2014 – 2022 in the prior year approved plan. The Superintendent's Proposed CIP totals $343.86 million from FY 2014 – 2022, and includes $13.58 million for FY 2023 for a total of $357.44 million. A comparison of last year's City Council Approved CIP and the Superintendent's Proposed CIP is provided.

FY 2014 – 2022 CIP – City Council Approved and Superintendent's Proposed

Budget	FY 2014 - 2022 City Council Approved	FY 2014 - 2022 Superintendent's Proposed	Difference Superintendent's Proposed - City Manager's Proposed
Total Budget	$ 144,651,363	$ 343,859,372	$ 199,208,009

** In order to provide a true comparison of the two CIPs, FY 2023 must be removed from the analysis as FY 2023 was not a part of last year's City Council Approved CIP. The Superintendent's proposed request for FY 2023 is $13,582,237.*

Comparison: FY 2014 – 2023 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 ten year capital needs. After reviewing the Superintendent's Proposed CIP, the City Manager has proposed two significant additions from last year's City Council Approved CIP.

The City Manager has added funding beginning in FY 2017 to fund a new school capacity project (noted as New School #1 on the following pages) totaling $49.9 million from FY 2017 – 2018. This is in addition to the Patrick Henry K-8 capacity project approved as part of last year's plan totaling $43.0 million. Additional analysis on capacity related projects is provided on pages 7-4 and 7-5. The City Manager has also included $123.8 million in non-capacity (capital maintenance and other capital infrastructure needs) projects, which is an increase of $12.7 million over City Council's FY 2014 – 2022 CIP, and $22.5 million when factoring in FY 2023. In total, the City Manager's Proposed CIP totals $216.7 million.

When removing FY 2023, the City's Manager's Proposed CIP is a $62.2 million increase over last year's City Council Approved CIP. A comparison of the FY 2014 – 2022 CIP City Council Approved CIP and the City Manager's Proposed CIP, as well as the City Manager's Proposed FY 2014 – 2023 CIP and the Superintendent's Proposed CIP, is provided on the next page.

FY 2014 – 2022 CIP – City Council Approved and City Manager's Proposed

Budget	*FY 2014 - 2022 City Council Approved	*FY 2014 - 2022 City Manager's Proposed	Difference City Manager's Proposed - City Council Approved
Total Budget	$ 144,651,363	$ 206,860,951	$ 62,209,588

** In order to provide a true comparison of the increase over last year's City Council Approved CIP, FY 2023 must be removed from the analysis as FY 2023 was not part of last year's City Council Approved CIP. The City Manager's Proposed CIP includes $9,812,000 for FY 2023.*

FY 2014 – 2023 CIP – City Manager's Proposed and Superintendent's Proposed

Budget	FY 2014 - 2023 City Manager's Proposed	FY 2014 - 2023 Superintendent's Proposed	Difference Superintendent's Proposed - City Manager's Proposed
Total Budget	$ 216,672,951	$ 357,441,609	$ 140,768,658

FY 2014 Capital Year Budget

The Superintendent's Proposed FY 2014 capital year budget request totals $18,137,008. The request includes $13,092,016 in capacity related projects (detailed in the "Capacity Related Projects" section), and $5,044,392 in non-capacity (capital infrastructure maintenance) projects. The City Manager's Proposed FY 2014 capital year budget totals $10,026,609 and includes $4,981,674 to begin funding for the Patrick Henry capacity project, and $5,044,392 in non-capacity funding. A comparison of the FY 2014 capital year budgets is provided.

FY 2014 Capital Year Budget – City Manager's Proposed and Superintendent's Proposed

FY 2014 Budget	FY 2014 City Manager's Proposed	FY 2014 Superintendent's Proposed	Difference Superintendent's Proposed - City Manager's Proposed
Capacity Related	$ 4,981,617	$ 13,092,016	$ 8,110,399
Non-Capacity Related	$ 5,044,992	$ 5,044,992	$ -
Total FY 2014 Budget	$ 10,026,609	$ 18,137,008	$ 8,110,399

The difference between the capacity related projects is that the City Manager's Proposed CIP funds only the Patrick Henry capacity project in FY 2014. Additional details regarding FY 2014 capacity funding can be found in the "Capacity Related Projects" section. For non-capacity projects, the City Manager's Proposed CIP includes the Superintendent's funding request for FY 2014.

Capacity Related Projects

As part of the Superintendent's Proposed CIP, a total of $194.1 million is requested over FY 2014 – 2023 to address capacity related needs throughout the school system, and include four new major capacity projects: Patrick Henry and New School #1 (funded in the City Manager's Proposed CIP at $92.9 million), and Minnie Howard and Cora Kelly not presently funded. Additional capacity projects include modular classrooms at several ACPS schools. Details of the ACPS School Board capacity related request are provided on the next page.

Superintendent's Proposed Capacity Requests

Capacity Projects - Superintendent's CIP	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Central Office Relocation	$ 890,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 890,000
Instructional Environment - Project Planning	$ 300,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 4,800,000
New School #1	$ -	$ -	$ 3,256,610	$ 8,269,177	$37,336,475	$ 1,027,256	$ -	$ -	$ -	$ -	$ 49,889,518
Barrett Classrooms/Core Space	$ 2,198,943	$ 1,773,979	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,972,922
New Cora Kelly	$ -	$ -	$ -	$ -	$ 3,099,689	$ 7,870,721	$35,537,394	$ 1,971,189	$ -	$ -	$ 48,478,993
MacArthur Classroom/Program Space	$ -	$ 1,722,644	$ 159,301	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,881,945
Mason Classroom/Core Space	$ 2,295,929	$ 577,242	$ 310,823	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,183,994
Polk Classrooms	$ 1,657,503	$ 4,555,681	$ 2,293,575	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,506,759
Maury Classrooms/Core Space	$ 412,024	$ 726,041	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,138,065
Patrick Henry Capacity	$ 4,981,617	$36,046,231	$ 2,004,593	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 43,032,441
Minnie Howard Demo/Classrooms/Food Service	$ -	$ -	$ -	$ 2,101,029	$ 9,044,919	$16,845,891	$ -	$ -	$ -	$ -	$ 27,991,839
School Bus	$ 356,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 356,000
Total, All Capacity Related Projects	$13,092,016	$45,901,818	$ 8,524,902	$10,870,206	$49,981,083	$26,243,868	$36,037,394	$ 2,471,189	$ 500,000	$ 500,000	$194,122,476

As part of the City Manager's Proposed CIP, a total of $92.9 million is provided from FY 2014 – 2018 to address capacity related requests. This is in addition to the $45.1 million approved by City Council in FY 2012 – 2013 for the new Jefferson-Houston K-8 facility. The City Manager's Proposed CIP includes $43.0 million for Patrick Henry capacity issues in FY 2014 – 2015, and $49.9 million for a new capacity project (noted as New School #1) in FY 2017 – 2018. Only the Patrick Henry project was included as part of last year's City Council Approved CIP, so the City Manager's Proposed CIP adds a second capacity project for ACPS. Similar to last year's CIP for Jefferson-Houston, planning/design/engineering funding is planned in the first year, and the remainder of funding planned for year two for these two capacity projects to provide full budget authority for the schools to sign primary construction documents.

The total amount of funding for the two capacity projects included in the City Manager's CIP is equal to the ACPS total for those two projects. For the New School #1 project, the Superintendent requested funding beginning in FY 2016, while the City Manager's Proposed CIP begins funding in FY 2017. ACPS and City staff will continue to work on analyzing enrollment projects to determine if FY 2017 is the appropriate year to begin funding the New School #1 project. Details of the City Manager's proposed capacity projects are provided.

City Manager's Proposed Capacity Projects Included in the CIP

Capacity Projects - City Manager's Proposed	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Add Patrick Henry per ACPS Proposed	$ 4,981,617	$38,050,824	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 43,032,441
*Add New School #1	$ -	$ -	$ -	$ 3,256,610	$46,632,908	$ -	$ -	$ -	$ -	$ -	$ 49,889,518
Total, City Manager's Proposed	$ 4,981,617	$38,050,824	$ -	$ 3,256,610	$46,632,908	$ -	$ -	$ -	$ -	$ -	$ 92,921,959

* ACPS requested funding beginning FY 2016; City Manager's Proposed CIP funds project beginning FY 2017.

In discussions with ACPS staff, it was indicated that the final scope of work (amount of classrooms and other capacity infrastructure) for the Patrick Henry capacity project has not been finalized. It is possible that the capacity funding proposed by the City Manager in FY 2014 – 2015 may be sufficient to meet all ACPS requested capacity needs in FY 2014 – 2015 once the final scope of work associated with Patrick Henry is known. City staff will continue to work with ACPS staff to understand total costs associated with Patrick Henry and their impact on the CIP once they become known.

In total, the City Manager's CIP does not inlcude $101.1 million of the Superintendent's requested $194.0 to address system-wide capacity issues. As many of the capacity issues are related to projected enrollment, City staff will continue to meet regularly with ACPS staff to understand updated enrollment projections and their potential impact on future Capital Improvement Programs. Furthermore, any new ACPS capacity projects are likely to be bond funded, so the inclusion of additional capacity projects will need to be analyzed through the City's debt limit ratios and impacts to the City's annual debt service payments.

Non-Capacity Related Projects

As part of the ACPS School Board Adopted FY 2014 -2023 CIP, a total of $163.6 million is requested over FY 2014 – 2023 to address non-capacity related needs throughout the school system. These non-capacity items include capital infrastructure maintenance (HVAC repairs, roof repairs, plumbing, etc.), eco-City initiatives, playground and sports field renovations, and school bus and other vehicle replacements. The City Manager's Proposed FY 2014 - 2023 CIP includes $123.8 million in non-capacity related funding. A comparison of the two CIPs is provided on the next page.

Budget	FY 2014 - 2023 City Manager's Proposed	FY 2014 - 2023 Superintendent's Proposed	Difference Superintendent's Proposed - City Manager's Proposed
Non-Capacity Projects	$ 123,750,992	$ 163,583,342	$ 39,832,350

The City Manager's Proposed CIP includes funding the Superintendent's non-capacity FY 2014 funding request fully at $5,044,992. For FY 2015 – 2023, the City Manager's Proposed CIP includes funding annually for approximately 75% of all non-capacity projects based on the Superintendent's Proposed CIP. Details of the annual difference between the two plans are provided below.

Non-Capacity ACPS Capital Projects	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
City Manager's Proposed Non-Capacity Projects	$ 5,044,992	$ 6,956,000	$ 4,808,000	$ 30,258,000	$ 17,682,000	$ 17,648,000	$ 10,360,000	$ 7,049,000	$ 14,133,000	$ 9,812,000	$ 123,750,992
Superintendent's Proposed Non-Capacity Projects	$ 5,044,992	$ 9,274,176	$ 6,410,375	$ 40,343,840	$ 23,575,659	$ 23,530,973	$ 13,813,842	$ 9,398,484	$ 18,844,555	$ 13,082,237	$ 163,319,133
Difference	$ -	$ (2,318,176)	$ (1,602,375)	$ (10,085,840)	$ (5,893,659)	$ (5,882,973)	$ (3,453,842)	$ (2,349,484)	$ (4,711,555)	$ (3,270,237)	$ (39,568,141)

The City Manager's Proposed CIP leaves approximately $39.8 million in non-capacity needs requested by the Superintendent unfunded over the ten-year plan.

Next Steps

It is noted that Alexandria City Public Schools (ACPS) School Board was scheduled to adopt the CIP on February 21, 2013. 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.

COMMUNITY DEVELOPMENT

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Community Development
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Community Development												
City-Wide Amenities												
Public Art Acquisition	*$50,000*	$100,000	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$3,200,000
Public Art Conservation Program	*$10,000*	$15,000	$15,000	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$195,000
Transportation Signage & Wayfinding System	*$0*	$225,000	$200,000	$0	$515,000	$361,000	$432,000	$241,000	$0	$0	$0	$1,974,000
Gadsby Lighting Fixtures & Poles Replacement	*$185,000*	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
Neighborhood Planning												
Braddock Road Area Plan - Streetscape Improvements	*$45,000*	$332,680	$296,553	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$989,233
Waterfront Small Area Plan Implementation	*$0*	$1,045,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,045,000
King Street Plan Implementation	*$0*	$0	$0	$150,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$900,000
Landmark/Van Dorn Area Plan Implementation	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
Public Safety Enhancements												
Fire Department Vehicles & Apparatus	*$0*	$694,000	$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	$18,177,000
Crime Prevention Projects (Street Lighting)	*$0*	$0	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$200,000
Waterways Maintenance & Improvements												
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*	$400,000	$2,550,000	$0	$0	$0	$500,000	$3,000,000	$0	$0	$0	$6,450,000
Environmental Restoration	*$388,750*	$0	$0	$150,000	$0	$150,000	$0	$150,000	$150,000	$150,000	$150,000	$900,000
Woodrow Wilson Bridge Project												
Woodrow Wilson Bridge Project	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Community Development Total	*$2,795,755*	$2,811,680	$3,565,553	$2,147,000	$2,478,000	$2,102,500	$4,476,500	$7,404,500	$2,701,500	$3,400,500	$3,252,500	$34,340,233

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Public Art Acquisition

Document Subsection: City-Wide Amenities
Managing Department: Recreation, Parks, and Cultural Activities
Supporting Department(s): N/A
OCA: 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)
Project Procurement Budget	*Allocated Balance (02/13)*	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	*0*	*50,000*	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	500,000	3,200,000
Financing Plan													
Cash Capital	*0*	*0*	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	500,000	3,200,000
Total Financing Plan	*0*	*0*	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	500,000	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

Basis of Project Cost Estimation: Results of the proposed public art master plan will guide funding priorities for future years.

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 (to be completed in 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 of the appearance of the City. Public art helps to deepen the community's awareness and appreciation of arts and culture in Alexandria by establishing a comprehensive, coherent, and engaging collection of public art that is reflective of Alexandria's diversity and history.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase visitor spending within the City
- LTO: Increase resident satisfaction of the appearance of their neighborhoods and City as a whole
  - IO: Increase the community's awareness and interest of art that is in public places

Goal 7 – Caring Community

- LTO: Increase visitation to our history, arts, cultural activities and sites
  - IO: Increase the community's awareness and interest of art that is in public places

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

Details of Changes from Prior Year Approved Plan

Funding in the amount of $500,000 is added for FY 2023.

Additional Operating Budget Impact

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

Public Art Conservation Program

Document Subsection: City-Wide Amenities
Managing Department: Recreation, Parks and Cultural Activities
Supporting Department(s):
OCA: 215620

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)
Project Procurement Budget	*Allocated Balance (02/13)*	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	*65,000*	*10,000*	15,000	15,000	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	195,000
Financing Plan													
Cash Capital	*65,000*	*10,000*	15,000	15,000	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	195,000
Total Financing Plan	*65,000*	*10,000*	15,000	15,000	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	195,000
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

Basis of Project Cost Estimation: The current cost is an estimate based on the size and age of the City's public art collection.

Project Description & Justification

This project provides an annual funding stream for the conservation and maintenance of the city's public art collection. The public art conservation 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 will hire a professional conservator to examine existing public artwork in need of conservation. Using the findings of the conservation assessment a comprehensive maintenance plan will be developed which will outline a prioritized conservation/preservation needs, including costs.

Annual funding provides for regular capital maintenance for public art, this 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 of the appearance of their City.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and City as a whole
  - IO: Improve City assets that are appealing and well-maintained

Goal 7 – Caring Community

- LTO: Increase visitation to our history, arts, cultural activities and sites
  - IO: Increase the community's awareness and interest of art that is in public places

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

Details of Changes from Prior Year Approved Plan

Funding in the amount of $22,500 is added for capital maintenance of public art for FY 2023.

Additional Operating Budget Impact

An impact on the annual 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
OCA: 220590

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

Transportation Signage & Wayfinding Program													
	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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	2,369,000	*395,000*	225,000	200,000	0	515,000	361,000	432,000	241,000	0	0	0	1,974,000
Financing Plan													
Cash Capital	2,369,000	*395,000*	225,000	200,000	0	515,000	361,000	432,000	241,000	0	0	0	1,974,000
Total Financing Plan	2,369,000	*395,000*	225,000	200,000	0	515,000	361,000	432,000	241,000	0	0	0	1,974,000
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

Basis of Project Cost Estimation: Costs estimated based on implemenation plan and types of signage and kiosks to be installed.

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 as well as 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.

The design phase of this project was completed in FY 2010. Work sessions with the City Council, Planning Commission, and two Boards of Architectural Review were held in January 2009. The implementation of Phase I began in FY 2011, and the remaining phases will occur 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, King Street, Mt. Vernon Avenue, Arlandria, Waterfront, 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. Implementation includes:

- Phase 1 - Parking signs in Old Town ($100,000, FY 2010) – Completed
- Phase 2 - Old Town visitor kiosks, pedestrian pointers, ($295,000, FY 2013) – Currently being planned
- Phase 3 - Highway signs, Washington Street Gateway, vehicular signs for primary routes, Metro station visitor kiosks, freestanding interpretive panels ($425,000, FY 2014 -2015)
- Phase 4 - Remaining 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 2 sided kiosks (Waterfront), District Markers ($241,000, FY 2020)

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase visitor spending within the City
  - IO: Improve visitor's and the community's awareness of all there is to do an see within the City
  - IO: Increase or enhance public and private parking management strategies

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan

Additional Operating Budget Impact

Additional operating impact is unknown at this time. Costs of replacement signs and kiosks will be components of future operating budgets.

Gadsby Lighting Fixtures and Poles Replacement

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

Project Location: Old Town
Reporting Area: Old Town
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)
Project Procurement Budget	*Allocated Balance (02/13)*	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	*0*	*185,000*	0	0	75,000	0	75,000	0	75,000	0	75,000	0	300,000
Financing Plan													
Cash Capital	*0*	*185,000*	0	0	75,000	0	75,000	0	75,000	0	75,000	0	300,000
Total Financing Plan	*0*	*185,000*	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

Basis of Project Cost Estimation: Actual cost of previous lighting projects. Biennial funding will purchase 12-13 new poles ($10,000); refurbish approximately 20 fixtures ($15,000); and replace approximately 30 fixtures ($50,000).

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).

Additional funding ($2.0 million) to replace all the Gadsby lights on King Street from the Metro Station to the Waterfront, and one block north and south on each cross street was not funded.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding planned in FY 2014 and FY 2015 ($75,000 annually) is eliminated based on sufficient prior year project balances. Beginning FY 2016, funding is budgeted every other year to provide resources for replacement.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Waterfront Small Area Plan Implementation

Document Subsection: Neighborhood Planning
Managing Department: Planning & Zoning
Supporting Department(s): Multiple Departments
OCA: 220952

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)
Project Procurement Budget	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	1,795,000	*750,000*	1,045,000	0	0	0	0	0	0	0	0	0	1,045,000
Financing Plan													
Cash Capital	1,550,000	*750,000*	800,000	0	0	0	0	0	0	0	0	0	800,000
Reprogrammed TIP Balances	245,000	*0*	245,000	0	0	0	0	0	0	0	0	0	245,000
Total Financing Plan	1,795,000	*750,000*	1,045,000	0	0	0	0	0	0	0	0	0	1,045,000
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

Basis of Project Cost Estimation: Cost estimates are based on the Potomac River Waterfront Flood Mitigation Study dated July 2010 by URS. Estimates for Union Street Study Improvements were prepared by Toole Design in November 2012. Estimates for the Utility Master Plan, Traffic Study and Engineering Design & Landscape Architecture Plan are based on rough estimates comparing to similar projects.

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. In FY 2014, funding ($1,045,000) is provided to continue the following planning, design and engineering initiatives:

- Waterfront Landscape Architecture and Flood Mitigation Project Design and Engineering ($550,000): Final 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. This additional funding budgeted in FY 2014 will be needed to continue the initial design and engineering stages. Additional funding for completing design and engineering may be included as part of future CIPs. An engineering firm has been selected and work began in February 2013. Staff is in the final stages of selecting a landscape architecture firm.

- 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 for much of the undergrounding to be completed by the private sector when redevelopment takes place. There is a pending redevelopment project on one of the old Cummings Warehouse sites and the Washington Post Company announced February 5, 2013 an intention to sell the two Robinson Terminal site.

(Continued on next page)

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase City's non-residential and residential tax base
  - IO: Increase value created by the City's planning and development process
  - IO: Increase the market's awareness of Alexandria development opportunities
- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Improve City facilities and assets that are appealing and well maintained

Goal 6 - Public Safety

- LTO: Decrease the loss of property from disasters
  - IO: Reduce areas within the City that frequently flood

External or Internal Adopted Plan or Recommendation

- 2002 Windmill Hill Master Plan
- 2012 Waterfront Small Area Plan
- 2012 Union Street Study

Details of Changes from Prior Year Approved Plan

Funding in the amount of $1,045,000 is added for FY 2014. Of the total amount, $800,000 is from unrestricted City funding and $245,000 is from the Transportation Improvement Program.

Additional Operating Budget Impact

Additional operating impact will be determined based on specific infrastructure and amenity improvements added as part of the Waterfront Small Area Plan implementation. The new parks along the Waterfront are intended to receive a high level of operating maintenance to achieve a world class setting.

Waterfront Plan Implementation (Continued)

- Union Street Corridor Recommendations ($150,000): 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 motor vehicles including cars, motor coaches and the trolley. The Study was completed in FY 2013.The short term improvements are at: Union Street and Pendleton Street, Union Street and King Street and Union Street and Gibbon Street at Windmill Hill Park.

- King and Union Street Improvements ($245,000): Crosswalks and other improvements at King and Union, funded by the Transportation Improvement Fund (TIP).

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 largely come from developer contributions and incremental development triggered local taxes as described in the adopted Waterfront Small Area Plan.

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, upgrades to the utilities at the City Marina, as well as upgrades to City Marina's seawalls.

Funding for the City Marina utilities upgrades ($1.25 million in FY 2016 - 2017) and the City Marina seawalls ($1.7 million in FY 2016 - 2017) is included as part of the ten-year plan in the Recreation & Parks section of the CIP. Additionally, $4.0 million in FY 2015 - 2016 is planned for bulkhead improvements at Windmill Hill Park, although the total project scope and cost estimates are very preliminary at this time. Open space funding is also planned in order to acquire Waterfront parcels.

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 dolphins used for tying up and docking large boats. $350,000 was allocated to provide 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.

Braddock Road Area Plan – Streetscape Improvements

Document Subsection: Neighborhood Planning
Managing Department: Planning & Zoning
Supporting Department(s): Recreation, Parks & Cultural Activities
OCA: 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)
Project Procurement Budget	*Allocated Balance (02/13)*	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	*1,034,233*	*45,000*	332,680	296,553	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	989,233
Financing Plan													
Cash Capital	*495,000*	*45,000*	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Private Capital Contributions	*539,233*	*0*	287,680	251,553	0	0	0	0	0	0	0	0	539,233
Total Financing Plan	*1,034,233*	*45,000*	332,680	296,553	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	989,233
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

Basis of Project Cost Estimation: Rough estimate based on limited information.

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 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)

The City has used its open space funs to acquire the southern one-fourth of the Wythe Street Post Office block, and will be working with the United States Postal Service to get their distribution functions moved to another site.

Overall City investment in the Braddock Area Plan Implementation is likely to exceed the amount currently programmed and 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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Improve City facilities and assets that are appealing and well maintained
  - IO: Increase resident satisfaction with the aesthetic quality of City right-of-ways (streetscapes and greenways)

External or Internal Adopted Plan or Recommendation

- Braddock East Area Plan

Details of Changes from Prior Year Approved Plan

Developer contributions have been programmed in the project FY 2014 and FY 2015. Funding in the amount of $45,000 is added for FY 2023.

Additional Operating Budget Impact

Additional operating impact is unknown at this time. Operating impacts will be identified when specific improvements are implemented.

King Street Plan Implementation

Document Subsection: Neighborhood Planning
Managing Department: Planning & Zoning
Supporting Department(s): Transportation & Environmental Services
OCA: 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)
Project Procurement Budget	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	900,000	*0*	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Financing Plan													
General Obligation Bonds	600,000	*0*	0	0	0	200,000	200,000	200,000	0	0	0	0	600,000
Cash Capital	300,000	*0*	0	0	0	150,000	50,000	50,000	50,000	0	0	0	300,000
Total Financing Plan	900,000	*0*	0	0	0	350,000	250,000	250,000	50,000	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

Basis of Project Cost Estimation: Rough estimate based on limited information. Estimates will be further refined during the design process.

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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase City's non-residential and residential tax base
  - IO: Increase value created by the City's planning and development process
  - IO: Increase the market's awareness of Alexandria development opportunities
- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Improve City facilities and assets that are appealing and well maintained

External or Internal Adopted Plan or Recommendation

- King Street Retail Strategy

Details of Changes from Prior Year Approved Plan

Funding for initial planning and design shifted from FY 2014 to FY 2016 to more closely align with funds designated for plan implementation (FY 2017 – 2019).

Additional Operating Budget Impact

Additional operating impact is unknown at this time. Operating impacts will be identified when specific improvements are implemented.

Landmark / Van Dorn Area Plan Implementation

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

Project Location: Landmark Mall Area
Reporting Area: Landmark/Van Dorn Corridor Area
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: Varies

Landmark / Van Dorn Area Plan Implementation													
	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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	10,000	*0*	0	0	0	0	0	0	0	0	0	10,000	10,000
Financing Plan													
Cash Capital	10,000	*0*	0	0	0	0	0	0	0	0	0	10,000	10,000
Total Financing Plan	10,000	*0*	0	0	0	0	0	0	0	0	0	10,000	10,000
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

Basis of Project Cost Estimation: $10,000 is being used as a placeholder in FY2023.

Project Description & Justification

The Landmark/Van Dorn corridor Plan was adopted by City Council in February 2009. The project provides a placeholder to assist in the implementation of the Landmark Van Dorn Corridor Plan. Currently, Landmark Mall is in a state of decline, as it has outlived its economic usefulness, and no longer is deemed a desirable retail destination by mall shoppers. As a result, many shoppers drive to other major shopping centers and spend their retail dollars at those centers. The City suffers a loss of tax revenues and jobs as a result.

Funding for the plan remains undetermined at this time, but it is anticipated that the plan will be funded largely by private and public funds. Howard Hughes, Inc. (HHI) who now manages the mall and owns the entire center portion of the mall along with Sears and Macy's, who own the balance of the mall site, is planning a major phased redevelopment of this key 55 acre site. HHI was created from the prior mall owner General Growth Properties (GGP) as part of their Chapter 11 bankruptcy process. Previously discussed plans developed by GGP called for a mixed-use town center with major anchor stores, rejuvenated retail, movie theatres, residential units, as well as significant office space. It is expected that HHI will propose a first phase development plan by mid-2013.

Future improvements as a result of the plan could include new infrastructure, parking facilities, street furniture, wider sidewalks, new plantings and other improvements for the Landmark/Van Dorn area. Future funding may be included in the CIP as specific capital infrastructure improvements are identified.

Benefits of this project include increasing office and retail occupancy rates through business recruitment, retention and expansion while Maintaining an environment where businesses can thrive.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase City's non-residential and residential tax base
  - IO: Increase value created by the City's planning and development process
  - IO: Increase the market's awareness of Alexandria development opportunities
- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Improve City facilities and assets that are appealing and well maintained

External or Internal Adopted Plan or Recommendation

- 2009 Landmark/Van Dorn Corridor Plan

Details of Changes from Prior Year Approved Plan

This is a "placeholder" project in the Capital Improvement Program (CIP). Nominal funding is added for FY 2023 to allow the project to appear in the CIP.

Additional Operating Budget Impact

Additional operating impact is unknown at this time. Operating impacts will be identified when specific improvements are implemented.

Four Mile Run Stream Restoration

Document Subsection: Waterways Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): Transportation & Environmental Services
OCA: 210237

Project Location: Shirlington Rd. to Potomac Rd.
Reporting Area: Potomac West
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 20 years

Four Mile Run Stream Restoration													
	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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project 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	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Basis of Project Cost Estimation: NVRC contracted Engineer's estimate of cost to construct.

Project Description & Justification

This project provides for in-stream 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 construct the majority of the bank and wetland restoration project.

The Northern Virginia Regional Commission (NVRC) is the project manager for the design of this project. Since design began in 2008, and since the impact of Hurricane Katrina changed its policy in regards to flood control projects, 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green space to meet regional standards

Goal 6 – Public Safety

- LTO: Decrease deaths, injuries and loss of property from disasters
  - IO: Reduce areas within the City that frequently flood
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- The project is part of a jointly approved Arlington County Board and Alexandria City Council Four Mile Run Restoration Master Plan (2006)

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Oronoco Outfall

Document Subsection: Waterways Maintenance & Improvements
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 250050

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)
Project Procurement Budget	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project 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			0	137,000	141,110	145,343	149,704	154,195	158,821	163,585	168,493	173,548	1,391,798
Cumulative Impact			0	137,000	278,110	423,453	573,157	727,352	886,172	1,049,757	1,218,250	1,391,798	1,391,798

Basis of Project Cost Estimation: Phase I costs are based on actual bids. Phase cost estimates are based on the estimates developed by project engineer with informal input from contractors who work on dredging projects.

Project Description & Justification

The Office of Environmental Quality 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 residues in the underlying soil and ground water that have been the ongoing source of oily substances evident beneath the observation deck at the end Oronoco Street.

As a part of the Corrective Action Plan (CAP) undertaken by the City as approved by the Virginia Department of Environmental Quality (VDEQ) through the voluntary remediation program, in Phase one of the project the City will construct a bio-remediation system at the foot of Oronoco Street to eliminate the discharge of the oily substances into the Potomac River. Phase two of the project consists of dredging the impacted material. The Office of Environmental Quality received a letter from VDEQ dated February 6, 2012 reinforcing their expectation that both phases of the project will be completed by March 31, 2014.

A contract for phase one of the project was awarded in FY 2013. Phase two of the project will be put out to bid in late 2013/early 2014 and is tentatively scheduled to be completed in the spring of 2014. 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the health of the waterways within the City
  - IO: Reduce contaminants in water runoff
- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards

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.
- 2009 Eco City Charter, Environmental Action Plan 2030

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

Funding is required for operation and maintenance of remediation system after construction. Funding is also for on-going free product recovery efforts adjacent to the source area. The source of funding (General Fund or Stormwater Fund) will need to be determined in the FY 2015 operating budget.

City Marina Waterfront Dredging

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

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

City Marina Waterfront Dredging

	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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	6,450,000	*0*	400,000	2,550,000	0	0	0	500,000	3,000,000	0	0	0	6,450,000
Financing Plan													
General Obligation Bonds	5,550,000	*0*	0	2,550,000	0	0	0	0	3,000,000	0	0	0	5,550,000
Cash Capital	900,000	*0*	400,000	0	0	0	0	500,000	0	0	0	0	900,000
Total Financing Plan	6,450,000	*0*	400,000	2,550,000	0	0	0	500,000	3,000,000	0	0	0	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

Basis of Project Cost Estimation: Estimate prepared by staff based on previous cost of dredging.

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.

Depth testing is planned in February 2013 in order to refine the protected dredging time table.

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

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 1 – Economic Development

- LTO: Increase visitor spending within the City
  - IO: Increase the number of visitors to the City

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

FY 2014 funding is reduced from $550,000 to $400,000 based on revised design and permitting costs. Funding in FY 2019 is increased from $100,000 to $500,000 to account for design and permitting costs.

Additional Operating Budget Impact

An annual impact on the operating budget is not anticipated.

Environmental Restoration

Document Subsection: Waterways Maintenance & Improvements
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255120

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)
Project Procurement Budget	*Allocated Balance (02/13)*	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	*137,732*	*388,750*	0	0	150,000	0	150,000	0	150,000	150,000	150,000	150,000	900,000
Financing Plan													
Prior City Funding	*137,732*	*388,750*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	0	150,000	0	150,000	0	150,000	150,000	150,000	150,000	900,000
Total Financing Plan	*137,732*	*388,750*	0	0	150,000	0	150,000	0	150,000	150,000	150,000	150,000	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

Basis of Project Cost Estimation: Requested funds are to supplement the revenues collected from "Fee-in-lieu-of" stormwater facilities that would be otherwise from the private developers. The revenues collected are unpredictable, and City funds are used to provide additional funding so that meaningful environmental projects can be accomplished.

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 fee collected.

The City, state and federal regulations has 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.

This project has an allocated and unallocated project balance of $1.1 million. Of that amount, $600,000 will be used to fund stormwater management initiatives in the FY 2014 Capital Improvement Program.

Completion of these initiatives will help maintain and improve the quality and sustainability of Alexandria's environment by enhancing the ecological integrity of waterways by maintaining and improving storm water and sanitary infrastructure and stream system health to minimize environmental impacts.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the health of the waterways within the City
  - IO: Reduce contaminants in water runoff
- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards

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.
- 2009 Eco City Charter, Environmental Action Plan 2030

Details of Changes from Prior Year Approved Plan

Funding planned for FY 2014 is eliminated based on a current allocated and unallocated project balance of $1.1 million. Funding in the amount of $150,000 is added for FY 2023.

Additional Operating Budget Impact

Annual operating impact is an unknown at this time. Projects such as stream restorations do not have added annual operating costs. Stormwater retrofits to the City facilities will add to the inventory of such facilities that will need to be 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 & Apparatus

Document Subsection: Public Safety Enhancements
Managing Department: Fire Department
Supporting Department(s): Finance Department
OCA: TBD

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)
Project Procurement Budget	*Allocated Balance (02/13)*	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	*0*	*0*	694,000	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	18,177,000
Financing Plan													
General Obligation Bonds	*0*	*0*	694,000	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	18,177,000
Total Financing Plan	*0*	*0*	694,000	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	18,177,000
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

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

Project Description & Justification

The Fire Department has proposed replacing a significant portion of the Department's fleet. While funding has been provided 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 be unable 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 costs of the vehicle in later years.

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

The plan will provide better service to the community since the Fire Department is currently unable to maintain a full complement of eight frontline engines and three frontline ladder trucks in service at all times due to maintenance issues. As a result, there are times and days where the City is without its full complement of apparatus. In addition, when the Department is without vehicles due to maintenance, it reduces the amount of training the Department can conduct, including recruit schools. Prescribed safety training must be postponed or cancelled due to not having adequate vehicles. As a result of this plan, the community will be assured of having working apparatus at all times and better coverage throughout the City.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Decrease loss of property from fire
  - IO: Improve the time it takes for all critical units to arrive at the scene of an emergency

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

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 as an internal apparatus plan.

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated. Operating costs may decrease slightly in the department's maintenance and repair budgets.

Crime Prevention Projects - Street Lighting

Document Subsection: Public Safety Enhancements
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: TBD

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

Crime Prevention Projects (Street Lighting)													
	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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	200,000	*0*	0	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
Financing Plan													
Cash Capital	200,000	*0*	0	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
Total Financing Plan	200,000	*0*	0	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
Add. Operating Impact													
Annual Impact			0	0	600	600	1,200	1,200	1,800	1,800	2,400	2,400	12,000
Cumulative Impact			0	0	600	1,200	2,400	3,600	5,400	7,200	9,600	12,000	12,000

Basis of Project Cost Estimation: Actual cost of previous lighting projects.

Project Description & Justification

This program provides funding for the addition of new street lighting citywide, particularly when citizens request additional lighting, while addressing deficiencies in areas where the Alexandria Police Department crime data shows that poor lighting might attribute to increased criminal activity while increased lighting could prevent criminal activity. 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 are 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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Maintain safety standards of public spaces and facilities

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets.
  - IO: Improve the public's satisfaction regarding their requests to fix public infrastructure.

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $25,000 is added from FY 2023.

Additional Operating Budget Impact

Additional street lights will have small additional utility costs, approximately $130/year per light. Additional operating impact is planned until FY 2016.

Woodrow Wilson Bridge Project

Document Subsection: Woodrow Wilson Bridge Project
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities
OCA: Multiple OCAs

Project Location: Multiple Locations
Reporting Area: Hunting Creek Area Plan, Taylor Run Southwest Quadrant, Old Town
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: Varies

Woodrow Wilson Bridge Project													
	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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	33,900,000	*33,900,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
WWB Settlement Funds	33,900,000	*33,900,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	33,900,000	*33,900,000*	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			39,000	40,170	41,375	42,616	43,895	45,212	46,568	47,965	49,404	50,886	447,091
Cumulative Impact			39,000	79,170	120,545	163,161	207,056	252,268	298,836	346,801	396,205	447,091	447,091

Basis of Project Cost Estimation: Actual design and construction costs.

Project Description & Justification

In June 2000, the City requested that the Federal Highway Administration (FHWA) consider a reduction in the size of the Urban Deck at Washington Street, which was to be built as a part of the Woodrow Wilson Bridge Project. The Urban Deck was included in the Settlement Agreement between the City of Alexandria and the United States Department of Transportation, dated March 1, 1999. In December 2000, the Alexandria City Council approved the reduced Urban Deck, conditioned upon the receipt of alternative mitigation. FHWA agreed to the modifications as approved by the City, including the acquisition and construction of new active outdoor recreation facilities, and enhancements to Freedmen's Cemetery.

Funding for these modifications has been provided entirely by FHWA and administered by VDOT. All funding has been received. The City has completed land acquisition of the three parcels, which are part of this project. Elements of this project include:

- Recreation ($20,571,444): These recreational outdoor facilities are located at a site now commonly referred to as the Witter Recreational Fields that was acquired by the City in the vicinity of Duke Street and Telegraph Road. The recreational outdoor facilities will provide for the active recreational usage component originally planned at the Urban Deck, as provided under the Agreement, and will include one softball field, two multi-purpose rectangular playing fields, public restrooms, and a paved parking lot to accommodate site uses. Construction of the recreational field began in the spring of 2011 and was completed in FY 2013.

(Continued on next page)

Linking to the City's Strategic Plan

Goal 2 – Health & Environment
- LTO: Improve City residents' general health status
  - IO: Increase the community's use of parks and recreation facilities

Goal 7 – Caring Community
- LTO: Increase the City's historical elements that are preserved
  - IO: Improve City facilities that are appealing and well maintained

Goal 1 – Economic Development
- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Increase resident satisfaction with the aesthetic quality of City right-of-was (streetscapes and gateways)

External or Internal Adopted Plan or Recommendation

- Settlement Agreement between the City of Alexandria and the United States Department of Transportation

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

Additional operating impact of $156,000 for Witter Fields was included in the FY 2013 operating budget. FY 2014 additional operating impacts include maintenance of the urban deck and the Freedmen's Cemetery

Woodrow Wilson Bridge Project (Continued)

- Freedmen's Cemetery Enhancements ($10,456,656): The two improved commercial properties on the site of the Freedmen's Cemetery were acquired and will be enhanced to complement the features outlined in the Agreement, including a fitting Contraband and Freedmen's memorial to the Freedmen's Cemetery. Enhancements include careful and reasonable re-grading of the acquired properties consistent with the need to preserve existing grave sites, appropriate landscaping, pathways, fencing erected to minimize any effect on historic and archeological resources, and a sculpture and a wall commemorating the names of those buried here. A national design competition was held in 2008 and a winning concept was selected. The design was completed in the spring of 2011. Construction is expected to be completed in calendar year 2013.

- Streetscape Improvements ($2,871,900): The City's objective for this project is to provide a uniform streetscape along the George Washington Memorial Parkway. This streetscape will extend from Church Street to Gibbon Street and consist of brick sidewalks, street trees and decorative street lights to match the Urban Deck and GW Parkway to the south. Construction is expected to be completed in calendar year 2013.

Completion of these projects will ensure safe and accessible travel for pedestrians, bicyclists, transit and motorists on Complete Streets with design and implementation that is context-sensitive. Additionally, recreation initiatives promote the well-being of children, youth and families by improving youth recreation and athletic field capacity and quality to meet scholastic and community demand.

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RECREATION AND PARKS

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Recreation and Parks
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Recreation & Parks												
Park Maintenance & Improvements												
Restaurant Depot Contribution Projects	*$300,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
ADA Requirements	*$52,000*	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$290,000
Ball Court Renovations	*$0*	$225,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,575,000
Park Renovations CFMP	*$168,000*	$338,000	$338,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
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
Playground Renovations CFMP	*$0*	$700,000	$850,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$6,650,000
Soft Surface Trails	*$15,000*	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$120,000	$120,000	$720,000
Tree & Shrub Capital Maintenance	*$0*	$226,000	$226,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$2,960,000
Water Management & Irrigation	*$96,000*	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$1,280,000
Athletic Field Restroom Renovations	*$0*	$0	$20,000	$225,000	$205,000	$0	$0	$0	$0	$0	$0	$450,000
Windmill Hill Park Improvements	*$784,953*	$0	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Athletic Field Improvements (incl. Synthetic Turf)	*$0*	$0	$0	$0	$1,610,000	$2,500,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$14,110,000
Recreation Facility Maintenance												
City Marina Maintenance	*$145,000*	$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*	$685,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$5,185,000
Renovated or New Recreation Facilities												
Braddock Area Plan Park	*$0*	$764,773	$855,221	$0	$0	$0	$0	$0	$0	$0	$0	$1,619,994
Chinquapin Aquatics Center	*$0*	$545,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$545,000
Patrick Henry Recreation Center	*$0*	$350,000	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$6,500,000
City Marina Seawalls	*$0*	$0	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$1,700,000
City Marina Utility Upgrades	*$0*	$0	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$1,250,000
Open Space Acquisition & Development												
Open Space Acquisition and Develop.	*$5,003,174*	$600,000	$0	$800,000	$1,500,000	$1,350,000	$3,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$23,250,000
Recreation & Parks Total	*$6,564,127*	$5,042,773	$4,333,221	$13,405,000	$8,246,000	$6,423,000	$7,623,000	$8,673,000	$8,673,000	$8,783,000	$8,783,000	$79,984,994

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Restaurant Depot Contribution Projects

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
OCA: 215692

Project Location: See Project Text
Reporting Area: Landmark/Van Dorn
Project Category: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Private Capital Contributions	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

Basis of Project Cost Estimation: Project cost estimates were based on previous projects of similar scale and scope in the City of Alexandria. Armistead Boothe Park playground renovation - $300,000; Ben Brenman Park trail improvements - $25,000; Joseph Hensley Park festival event area - $100,000; Joseph Hensley Park large-event shelter - $75,000.

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;
- Ben Brenman Park (4800 Brenman Park Drive) trail improvements to portions of the pathways that are damaged or do not meet ADA dimensional compliance; and
- Joseph Hensley Park (520 Cameron Station Boulevard) festival event area and a large-event shelter.

All projects are currently in the planning stage.

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

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase the community's use of parks and recreation facilities

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Increase resident satisfaction with the physical condition of recreation facilities and open space

Goal 7 – Caring Community

- LTO: Increase visitation to our history, arts and cultural sites
  - IO: Increase the community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- Approved as a development special use permit (DSUP) for DSUP #2009-2003, Restaurant Depot.

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Americans with Disabilities (ADA) Requirements

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
OCA: 215806

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

Americans with Disabilities (ADA) Requirements													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*75,648*	*52,000*	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	290,000
Financing Plan													
Prior City Funding	*76,548*	*52,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	290,000
Total Financing Plan	*76,548*	*52,000*	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	290,000
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

Basis of Project Cost Estimation: Cost estimates were provided as part of the 2012 Park and Open Space Facilities Prioritization Analysis.

Project Description & Justification

This project provides funding to meet Federal ADA requirements for outdoor recreational spaces. Consistent with Federal regulations, new park facilities, and renovations to existing park facilities, such as playgrounds, restrooms, fields, and passive areas, must be made compliant with current requirements when built or renovated. Funding for this project was first included in the FY 2000 - 2005 CIP in response to the United States Access Board's regulations for playground accessibility. Since that time, funds have been used to create accessible routes to playgrounds, install accessible 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 2014 - 2016 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 and the events and programs held in City parks is provided.

Linking to the City's Strategic Plan

Goal 7 – Caring Community

- LTO: Ensure all in the City are treated fairly and justly
  - IO: Improve the percent of facilities and open spaces meeting accessibility requirements
- LTO: Improve City residents' feeling on how included they are in the community
  - IO: Improve the community's satisfaction with their ability to access and use City services
- LTO: Increase visitation to our history, arts, cultural activities and sites
  - IO: Increase the community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks, and Recreation (2002)
- Park and Open Space Facilities Prioritization Analysis (2012)

Details of Changes from Prior Year Approved Plan

Funding in the amount of $29,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

ADA Requirements (Continued)

ADA Requirements Category 1 Project List

Fiscal Year 2014		
Description		Amount
ADA Ramp to Chinquapin Pavilion	$	29,000
Total Fiscal Year 2014	$	29,000

Fiscal Year 2015		
Description		Amount
Access and Furnishings Improvements to Windmill Hill Park	$	8,000
Access Improvements to Mt. Jefferson Park and Greenway	$	4,000
Walkway Improvements to Holmes Run Park	$	17,000
Total Fiscal Year 2015	$	29,000

Fiscal Year 2016		
Description		Amount
Walkway Improvements in Chinquapin Park	$	29,000
Total Fiscal Year 2016	$	29,000

Ball Court Renovations

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
OCA: 267021

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*215,460*	*0*	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
Financing Plan													
Prior City Funding	*215,460*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	210,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,425,000
Cash Capital	*0*	*0*	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Total Financing Plan	*215,460*	*0*	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
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

Basis of Project Cost Estimation: Cost estimates have been generated based on price quotes and previous work under the City's blanket contract.

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 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space, Parks and Recreation
- 2011 Ball Court Assessment
- 2011 Engineering Analysis for Ball Field, Tennis and Sport Field Light Poles.

Details of Changes from Prior Year Approved Plan

Funding in the amount of $150,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Ball Court Renovations Category 1 Project List

Fiscal Year 2014	
Description	Amount
Eugene Simpson Stadium Park Basketball Court Resurfacing	$ 30,000
Hooffs Run Park Tennis Court Resurfacing	$ 44,000
Mount Jefferson Park Multi-Use Court Resurfacing	$ 45,000
Stevenson Park Basketball Court Resurfacing	$ 35,000
Armistead L. Boothe Park Tennis and Basketball Court Resurfacing	$ 40,000
Beverley Park Multi-Use Court Resurfacing	$ 16,000
Emergency Repairs	$ 15,000
Total Fiscal Year 2014	$ 225,000
Fiscal Year 2015	
Description	Amount
Hunter Miller Park Lights Replacement	$ 90,000
Hunter Miller Park Court Resurfacing	$ 30,000
Powhatan Park Tennis Court Resurfacing	$ 15,000
Emergency Repairs	$ 15,000
Total Fiscal Year 2015	$ 150,000
Fiscal Year 2016	
Description	Amount
Montgomery Park Tennis Court Resurfacing	$ 80,000
Chambliss Park Tennis Court Resurfacing	$ 35,000
Ewald Park Basketball Court Resurfacing	$ 20,000
Emergency Repairs	$ 15,000
Total Fiscal Year 2016	$ 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
OCA: 265678

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*211,514*	*168,000*	338,000	338,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	438,000	3,980,000
Financing Plan													
Prior City Funding	*211,514*	*168,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	338,000	338,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	438,000	3,980,000
Total Financing Plan	*211,514*	*168,000*	338,000	338,000	338,000	338,000	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

Basis of Project Cost Estimation: Similar past projects in the City of Alexandria.

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 2014 - 2016 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 and to address citizen request projects. 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space, Parks and Recreation
- 2011 Parks and Recreation Needs Assessment
- 2008 Athletic Field Study

Details of Changes from Prior Year Approved Plan

Funding in the amount of $438,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Park Renovations CFMP Category 1 Project List

Fiscal Year 2014		
Description		Amount
Park Regulation signs	$	22,000
Hensley Netting	$	8,000
Beverley Erosion Control	$	15,000
Little Simpson Building Renovation	$	108,000
Little Simpson Fence replacement	$	30,000
Hensley Backstop Replacement	$	18,000
Emergency Repair	$	62,000
Furniture Replacement	$	55,000
Asphalt overlay at Simpson Backstop	$	20,000
Total Fiscal Year 2014	$	338,000
Fiscal Year 2015		
Description		Amount
Hoofs Run Dog Area Improvements	$	17,000
Braddock Road Dog Area Improvements	$	30,000
Four Mile Field Improvements, including backstop replacement	$	110,000
Beach Park Amphitheater Improvements	$	25,400
Luckett Field Drainage	$	42,600
Emergency Repair	$	35,000
Park furniture replacement	$	78,000
Total Fiscal Year 2015	$	338,000
Fiscal Year 2016		
Description		Amount
Fort Ward goals replacement	$	5,000
Carlyle Dog Area Improvements	$	45,000
Angel Park Stairs	$	20,000
Pendleton Street Deck replacement	$	70,000
Oronoco Bay Stairs and Observation Deck Replacement	$	100,000
Simpson Blue Building Replacement	$	98,000
Total Fiscal Year 2016	$	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
OCA: 215632

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

Playground Renovations													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*545,765*	*0*	700,000	850,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	700,000	6,650,000
Financing Plan													
Prior City Funding	*545,765*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	665,000	807,500	712,500	460,000	510,000	560,000	610,000	610,000	660,000	660,000	6,255,000
Cash Capital	*0*	*0*	35,000	42,500	37,500	40,000	40,000	40,000	40,000	40,000	40,000	40,000	395,000
Total Financing Plan	*545,765*	*0*	700,000	850,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	700,000	6,650,000
Add. Operating Impact													
Annual Impact			0	9,064	9,335	9,615	4,951	5,099	18,385	18,936	19,504	14,347	109,236
Cumulative Impact			0	9,064	18,399	28,014	32,965	38,064	56,449	75,385	94,889	109,236	109,236

Basis of Project Cost Estimation: Cost estimates are based on preliminary site analysis and previous playground costs in the City of Alexandria.

Project Description & Justification

The annual budget for playground renovations includes funding to ensure that the equipment and surface area of each of the City's 37 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 2014 – 2016 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.

Preliminary planning has been completed. Detailed 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space Parks and Recreation
- 2011 Parks and Recreation Needs Assessment
- 2012 Alexandria Play Space Assessment by the Partnership for a Healthier Alexandria and the Alexandria Health Department

Details of Changes from Prior Year Approved Plan

Funding in the amount of $700,000 is added for FY 2023.

Additional Operating Budget Impact

Installation of new playground safety surfaces requires testing for impact safety every five years. Additional operating costs to account for this safety testing are included in the annual operating budget beginning FY 2015. FY 2015, FY 2016 and FY 2017 test four playgrounds, FY 2018 and FY 2019 test two playgrounds and FY 2020 and beyond test three new playgrounds in addition to repeat testing.

Playground Renovations CFMP Category 1 Project List

Fiscal Year 2014		
Description		Amount
Chinquapin Park Playground Renovation	$	235,000
Beverley Park Playground Renovation	$	430,000
Emergency Playground Repairs	$	35,000
Total Fiscal Year 2014	$	700,000
Fiscal Year 2015		
Description		Amount
Sunset Mini Park Playground Renovation	$	139,000
Lynhaven Park Playground Renovation	$	440,000
Four Mile Run Park Playground Renovation	$	228,500
Emergency Playground Repairs	$	42,500
Total Fiscal Year 2015	$	850,000
Fiscal Year 2016		
Description		Amount
Eugene Simpson Stadium Park Playground	$	425,000
Brookvalley Park Playground	$	137,500
Buchanan Park Playground - Equipment	$	150,000
Emergency Playground Repairs	$	37,500
Total Fiscal Year 2016	$	750,000

Tree and Shrub Capital Maintenance

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
OCA: 215330, 215335

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*202,821*	*0*	226,000	226,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	2,960,000
Financing Plan													
Prior City Funding	*202,821*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	226,000	226,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	2,960,000
Total Financing Plan	*202,821*	*0*	226,000	226,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	2,960,000
Add. Operating Impact													
Annual Impact			5,000	10,000	15,000	93,900	90,367	93,078	95,870	98,746	101,709	104,760	708,431
Cumulative Impact			5,000	15,000	30,000	123,900	214,267	307,345	403,215	501,962	603,671	708,431	708,431

Basis of Project Cost Estimation: Similar past projects in the City of Alexandria.

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 to provide 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 2014. 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 2014 – 2016, 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Increase the percent of the City's tree canopy to meet or exceed City standards
  - IO: Improve ecological quality of green spaces to meet regional standards

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Increase resident satisfaction with the physical condition of recreation facilities and open space
  - IO: Increase resident satisfaction with the aesthetic quality of City right-of-ways (streetscapes and greenways)

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space Parks and Recreation
- 2009 Urban Forestry Master Plan
- 2007 Eco-City Alexandria
- 2011 Parks and Recreation Needs Assessment

Details of Changes from Prior Year Approved Plan

Funding in the amount of $326,000 is added for FY 2023.

Additional Operating Budget Impact

FY 2014 – 2016 - $5,000 is added annually for care of new trees. FY 2017 – 1.0 FTE Horticultural assistant is added (along with one-time equipment purchases). FY 2017 – 2023 includes $40,000 annually for care of new and existing trees funded from this project.

Tree and Shrub Capital Maintenance Category 1 Project List

Fiscal Year 2014		
Description		Amount
Plant Trees along city right of ways, parks, and public facilities	$	116,000
Holmes Run Scenic Easement Trail improvement	$	15,000
Improve landscape areas around recreation centers	$	30,000
Improve King St/Washington St/Market Square landscape beds (phase 2)	$	50,000
Total Fiscal Year 2014	$	226,000

Fiscal Year 2015		
Description		Amount
Plant Trees along city right of ways, parks, and public facilities	$	96,000
Holmes Run Scenic Easement Trail improvement	$	35,000
Improve landscape areas around recreation centers	$	80,000
Improve King St/Washington St/Market Square landscape beds (phase 2)	$	15,000
Total Fiscal Year 2015	$	226,000

Fiscal Year 2016		
Description		Amount
Plant trees along city right of ways, parks, and public facilities	$	201,000
Improve Hillside Park planting beds	$	10,000
Improve King St/Washington St/Market Square landscape beds (phase 3)	$	15,000
Total Fiscal Year 2016	$	226,000

Soft Surface Trails

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): Transportation & Environmental Services
OCA: 215277

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*16,013*	*15,000*	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	120,000	120,000	720,000
Financing Plan													
Prior City Funding	*16,013*	*15,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	120,000	120,000	720,000
Total Financing Plan	*16,013*	*15,000*	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	120,000	120,000	720,000
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

Basis of Project Cost Estimation: Similar past projects in the City of Alexandria.

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 2011 Park and Recreation Needs Assessment residents overwhelmingly responded that improving and developing trails were 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 2014 – 2016, 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase use of non-motorized transportation options

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase the percent of park users who bike to recreation facilities or open space

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space Parks and Recreation
- 2006 Four Mile Run Master Plan and Design Guidelines
- 2011 Parks and Recreation Needs Assessment

Details of Changes from Prior Year Approved Plan

Funding in the amount of $120,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Soft Surface Trails (Continued)

Soft Surface Trails Category 1 Project List

Fiscal Year 2014		
Description		Amount
Forest Park trail improvements Phase II	$	10,000
Beverley Park trail improvements	$	5,000
Robert Leider Park trail improvements	$	15,000
Goat Hill Park trail improvements (behind playground)	$	30,000
Total Fiscal Year 2014	$	60,000
Fiscal Year 2015		
Description		Amount
Four Mile Run Park trail improvements	$	45,000
Eugene Simpson Stadium Park - improved trail to fields	$	15,000
Total Fiscal Year 2015	$	60,000
Fiscal Year 2016		
Description		Amount
Waterfront Park trail improvements	$	10,000
Ben Brenman Park trail improvements (across Cameron Run)	$	40,000
Potomac Greens Park trail improvements	$	10,000
Total Fiscal Year 2016	$	60,000

Water Management and Irrigation

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
OCA: 215340

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*252,697*	*96,000*	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,280,000
Financing Plan													
Prior City Funding	*252,697*	*96,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,280,000
Total Financing Plan	*252,697*	*96,000*	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,280,000
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

Basis of Project Cost Estimation: Cost estimates are based on recent irrigation projects in the City of Alexandria and inventory estimates from other municipalities in the region.

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 programed for three years beginning in FY 2013. 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 2014 – FY 2016, 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of the land within the City
  - IO: Improve public's satisfaction with the beauty of the City's land
- LTO: Improve the health of the waterways within the City
  - IO: Reduce the use of energy within the City

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space Parks and Recreation
- 2009 Eco-City Alexandria

Details of Changes from Prior Year Approved Plan

Funding in the amount of $128,000 is added for FY 2023.

Additional Operating Budget Impact

Centrally controlled irrigation systems have the potential to reduce energy and water costs, as well as labor savings as opposed to stand-alone irrigation systems with manual mechanical timers.

Water Management and Irrigation Category 1 Project List

Fiscal Year 2014		
Description		Amount
Complete Phase II of the Remote Operating Controls Inventory and Audit	$	10,000
Complete Phase II of the Data Verification for remote operating controls	$	10,000
Renovate systems as identified in Phase I Inventory and Audit	$	70,000
Standardize irrigation components and materials	$	18,000
Convert isolated sites to remote control systems	$	20,000
Total Fiscal Year 2014	$	128,000
Fiscal Year 2015		
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 2015	$	128,000
Fiscal Year 2016		
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 2016	$	128,000

Pavement Improvements in Parks

Document Subsection: Park Maintenance & Improvements
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities
OCA: 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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*0*	*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	*0*	*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	*0*	*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	*0*	*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

Basis of Project Cost Estimation: Cost estimates are based on current contractual costs for road resurfacing (including contractor's labor and equipment) plus materials. Current estimates are based on 2" mill and overlay projects and include an estimated adjustment for asphalt and fuel which is based on a standard index used by the Virginia Department of Transportation in estimating roadway resurfacing projects. This index fluctuates with potential for significant month-by-month adjustments; more refined estimates will be completed 60-90 days prior to each planned project.

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 2014 – 2016 include:

- FY 2014 – Pavement improvements/resurfacing Chinquapin Park and Aquatic Center loop road and parking lots, including curb/gutter;
- FY 2015 – Pavement maintenance and repairs in Fort Ward parking lot, including the Fort Ward Athletic Facility and loop road improvements;
- FY 2016 – Hensley Park parking lot and Ben Brenman Park; and
- FY 2014 – 2016 – Five percent (5%) of annual funding is set-aside for emergency repairs.

A planned citywide pavement inventory will provide additional prioritization by assigning an objective pavement condition index (PCI) to each pavement section assessed. 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- 2011 Parks and Recreation Needs Assessment

Details of Changes from Prior Year Approved Plan

Funding in the amount of $250,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated. A regular parking lot paving cycle could reduce unanticipated repairs caused by deferred maintenance.

Athletic Field Restroom Renovations

Document Subsection: Park Maintenance & Improvements

Managing Department: Recreation, Parks & Cultural Activities

Supporting Department(s): General Services

OCA: TBD

Project Location: 520 Cameron Station Blvd.
3701 W. Braddock Rd.

Reporting Area: Seminary Hill/Strawberry Hill
Landmark/Van Dorn

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	450,000	*0*	0	20,000	225,000	205,000	0	0	0	0	0	0	450,000
Financing Plan													
General Obligation Bonds	410,000	*0*	0	0	205,000	205,000	0	0	0	0	0	0	410,000
Cash Capital	40,000	*0*	0	20,000	20,000	0	0	0	0	0	0	0	40,000
Total Financing Plan	450,000	*0*	0	20,000	225,000	205,000	0	0	0	0	0	0	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

Basis of Project Cost Estimation: The cost estimates are based on budgetary estimates provided by a product vendor and site work costs for similar restroom work in Alexandria. The total cost of two new restrooms will be $450,000. Funding of $20,000 in FY 2015 will be utilized for planning/design/engineering at Armistead Boothe Park. Requested funding of $225,000 in FY 2016 will provide for the construction of the restroom at Armistead Boothe Park and the planning/design/engineering at Minnie Howard Field. The $205,000 requested in FY 2017 will provide for the construction of the restroom at Minnie Howard. A contingency of 15% is built into each construction request.

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 at Armistead L. Boothe Park and Minnie Howard Field. 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 and quality to meet scholastic and community demand.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Increase resident satisfaction with the physical condition of recreation facilities and open space

External or Internal Adopted Plan or Recommendation

- Identified as a high priority by the Youth Sports Advisory Board in 2012

Details of Changes from Prior Year Approved Plan

Prior Year approved plan provided funding in FY 2015 - 2016 only. Changes include planning/design funding in FY 2015; construction of one facility and planning/design funding for a second facility in FY 2016; and construction of the second facility in FY 2017.

Additional Operating Budget Impact

No additional operating impact. Operating costs are already captured with existing restroom facilities on these sites.

Windmill Hill Park Improvements

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): Transportation & Environmental Services
OCA: 215450

Project Location: 501 S. Union St.
Reporting Area: Waterfront
Project Category: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	5,697,500	*1,697,500*	0	300,000	3,700,000	0	0	0	0	0	0	0	4,000,000
Financing Plan													
General Obligation Bonds	4,623,953	*923,953*	0	0	3,700,000	0	0	0	0	0	0	0	3,700,000
Cash Capital	1,038,547	*738,547*	0	300,000	0	0	0	0	0	0	0	0	300,000
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*	0	300,000	3,700,000	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

Basis of Project Cost Estimation: In March 2007, a consultant, RKK, conducted a cost analysis of the bulkhead portion of the project. Of the $1,697,500 budgeted through FY 2013, a balance of $1,304,727 remains available for this project.

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.

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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Maintain safety standards of public spaces and facilities
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve the natural quality of the land within the City
  - IO: Improve the public's satisfaction with the beauty of the City's land

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- 2002 Windmill Hill Master Plan
- 2012 Waterfront Small Area Plan
- 2012 Union Street Corridor Plan

Details of Changes from Prior Year Approved Plan

Project is accelerated by one year. Prior year plan had funding budgeted in FY 2016 and FY 2017.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Athletic Field Improvements Including Synthetic Turf

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
OCA: 215491

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	19,854,435	*5,744,435*	0	0	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,110,000
Financing Plan													
General Obligation Bonds	15,637,500	*2,887,500*	0	0	0	1,500,000	2,250,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	12,750,000
Cash Capital	4,016,935	*2,656,935*	0	0	0	110,000	250,000	200,000	200,000	200,000	200,000	200,000	1,360,000
Private Capital Contribution	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	19,854,435	*5,744,435*	0	0	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,110,000
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

Basis of Project Cost Estimation: Cost estimates are based on preliminary site analysis and previous project costs for synthetic field conversions and carpet replacements in Alexandria. Funding in each fiscal year will cover design, engineering (where necessary) and construction for projects, and includes one field conversion, one carpet replacement and replacement fixtures and other capital infrastructure needs.

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, on turf (carpet) replacement, and various capital maintenance initiatives at fields Citywide. Specific fields for replacement will be identified in the FY 2015 – 2024 Capital Improvement Program.

Preliminary planning has been completed for the project. A fields study was complete in 2009 to identify future 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks and recreation facilities

Goal 4 – Children, Youth & Families

- LTO: Reduce the number of youth engaging in risky behaviors
  - IO: Increase the percent of Alexandria households engaged in recreational and cultural programs

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space, Parks and Recreation
- 2009 Athletic Field Strategy Study
- 2012 Youth Sports Fields Exercise

Details of Changes from Prior Year Approved Plan

Prior year plan included $9.1 million in total funding from FY 2017 – 2020. That amount is increased by $5.0 million and extended through FY 2023 to provide for the annual field conversion and maintenance program.

Additional Operating Budget Impact

Conversion to synthetic turf fields will reduce annual costs associate with field maintenance.

City Marina Maintenance

Document Subsection: Recreation Facility Maintenance
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
OCA: 267535

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*11,001*	*145,000*	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	*11,001*	*145,000*	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	*11,001*	*145,000*	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

Basis of Project Cost Estimation: A facilities assessment is currently underway and will verify cost estimates for specific initiatives.

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 is currently underway in FY 2013 to determine the condition of infrastructure and identify priorities within the Marina boundaries. It is expected to be completed by March 31, 2013. In FY 2014, horticulture improvements and repair work associated with storm/flood damage will be completed, along with additional projects identified in the Marina Facilities Assessment.

Types of projects completed with this funding in prior years include repairs and/or replacement of: sections of pier railing; repair of broken pilings; installation of a closed-caption television security system; and replacement of blue navigational lights.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 1 – Economic Development

- LTO: Increase visitor spending within the City
  - IO: Increase the number of visitors to the City

External or Internal Adopted Plan or Recommendation

- 2012 Waterfront Small Area Plan

Details of Changes from Prior Year Approved Plan

Funding in the amount of $90,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Public Pools

Document Subsection: Recreation Facility Maintenance
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
OCA: 267534

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

Public Pools													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*9,198*	*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	*9,198*	*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	*9,198*	*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

Basis of Project Cost Estimation: Similar past projects in the City of Alexandria.

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 2014. A list of projects to be completed in FY 2014 – 2016 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 support and enhance 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 maintain the value of City pools' capital infrastructure.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Decrease City residents' incidence of preventable diseases
  - IO: Reduce number of penalties for critical/repeat violations at pools.

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space Parks and Recreation
- 2002 Outdoor Pools Facility Assessment
- 2011 Parks and Recreation Needs Assessment
- 2012 Aquatics Facility Study

Details of Changes from Prior Year Approved Plan

Funding in the amount of $52,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Public Pools Category 1 Project List

Fiscal Year 2014		
Description		Amount
Replace existing filter tanks at Chinquapin with backwash valve system	$	48,000
Rixse Pool Perimeter caulking replacement	$	3,000
Install proper and permanent vertical underwater depth marking tiles	$	1,000
Total Fiscal Year 2014	$	52,000
Fiscal Year 2015		
Description		Amount
Replacement of Old Town Pool perimeter gutter system covers	$	15,250
Old Town Pool perimeter and deck caulk replacement	$	10,000
Replace Old Town training pool fence	$	14,000
Upgrade Old Town Pool bath house, including floor tiles, and ADA compliance	$	12,750
Total Fiscal Year 2015	$	52,000
Fiscal Year 2016		
Description		Amount
Replace two diving boards and stands at Chinquapin	$	30,000
Replace Old Town Pool lockers	$	22,000
Total Fiscal Year 2016	$	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
OCA: 215690

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*357,465*	*357,465*	685,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,185,000
Financing Plan													
Prior City Funding	*357,465*	*357,465*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,500,000
Cash Capital	*0*	*0*	335,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,685,000
Total Financing Plan	*357,465*	*357,465*	685,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,185,000
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

Basis of Project Cost Estimation: The cost estimates for the planned CFMP projects are based on actual pricing for similar, recent projects.

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 2014 – 2016 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

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks & recreation facilities

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space Parks and Recreation
- 2011 Parks and Recreation Needs Assessment

Details of Changes from Prior Year Approved Plan

Funding in the amount of $185,000 is added to base FY 2014 funding of $500,000 for ADA restroom upgrades at the Lee Center. Funding in the amount of $500,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Recreation Centers CFMP Category 1 Project List

Fiscal Year 2014		
Description		Amount
Charles Barrett Recreation - Kitchen Upgrade/Room Divider	$	75,000
Cora Kelly - Replace HVAC controls & re-commission	$	100,000
Lee Center - HVAC upgrade	$	130,000
Lee Center - ADA restroom upgrades	$	185,000
Mount Vernon Recreation - resurface gym/gym divider/HVAC unit replacement	$	86,500
Nannie Lee Rec.- Gym floor resurface/Replace gym curtain & reception counter	$	48,500
William Ramsay Recreation - replace dance floor	$	60,000
Total Fiscal Year 2014	$	685,000

Fiscal Year 2015		
Description		Amount
Charles Barrett Recreation - HVAC upgrade/reseal windows/restroom upgrade	$	80,000
Chinquapin Recreation - wall room divider	$	25,000
Cora Kelly Recreation - Upgrade restroom/gym curtain/hot water heater	$	53,000
Buddie Ford - Exterior Caulking	$	15,000
Lee Center - Mill work upgrades	$	25,000
Mt Vernon Rec - Replace divider/ceiling work/exterior lighting upgrade/Counter	$	90,000
Nannie Lee Recreation - Room divider/Ceiling upgrade	$	40,000
Oswald Durant - water detectors for AHU 1 & 2/Lighting System/Re-commission	$	147,000
William Ramsay - Millwork upgrade	$	25,000
Total Fiscal Year 2015	$	500,000

Fiscal Year 2016		
Description		Amount
Charles Barrett Rec. - exterior light upgrade/door replacement/painting/curtain	$	76,000
Cora Kelly - Interior/Exterior lighting upgrade/Service upgrade	$	75,000
Mount Vernon Recreation - Restroom upgrade	$	40,000
Nannie Lee Recreation - Interior lighting upgrade (excluding gym)	$	25,000
Oswald Durant - floor security lights/flooring in corridor and mp2 rooms	$	70,062
William Ramsay Rec - Restroom upgrade/interior light upgrade/Air intake upgrade	$	100,000
Chinquapin Recreation - Exterior caulking/plumbing upgrade	$	113,938
Total Fiscal Year 2016	$	500,000

Chinquapin Aquatics Center

Document Subsection: Renovated or New Recreation Facilities
Managing Department: General Services
Supporting Department(s): Recreation, Parks & Cultural Activities
OCA: 215566

Project Location: 3210 King Street
Reporting Area: Taylor Run
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: Varies

Chinquapin Aquatics Center													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	2,145,000	*1,600,000*	545,000	0	0	0	0	0	0	0	0	0	545,000
Financing Plan													
Prior City Funding	1,600,000	*1,600,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	545,000	*0*	545,000	0	0	0	0	0	0	0	0	0	545,000
Total Financing Plan	2,145,000	*1,600,000*	545,000	0	0	0	0	0	0	0	0	0	545,000
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

Basis of Project Cost Estimation: 2012 Aquatics Facility Study and staff cost analysis.

Project Description & Justification

This project provides a total of $2.145 million (FY 2012 – 2014) for immediate capital asset renewal at the Chinquapin Aquatics Center. The most significant aspect of this project is the repair of the HVAC system which requires major attention in order to efficiently control the climate within the Aquatics Center. Additional improvements to be completed FY 2014 include roof and skylight repairs, ADA compliant entryways, and mechanical room upgrades. Cost estimates are based on design work completed in FY 2013.

Planned funding in the amount of $5.0 million from FY 2017 – 2019 has been removed from the Capital Improvement Program, as the project lacked a define scope of work and was not consistent with the recommendations identified in the Aquatics Facility Study completed in 2012. The study identified a number of major renovations and enhancements to the facility. City staff provided a request that totaled $10.7 million in FY 2017 – 2018 which is not funded in the Capital Improvement Program. Funding may be considered in future fiscal years as part of the overall implementation strategy of the Aquatics Facility Study, which has a total costs of implementation estimated at $25.0 million from FY 2017 – 2023.

Planned renovations to the Chinquapin Aquatics Center support City objectives to meet resident expectations and directly support and enhance 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 maintain the value of City pools' capital infrastructure.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Decrease City residents' incidence of preventable diseases
  - IO: Reduce number of penalties for critical/repeat violations at pools
  -

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- 2012 Aquatics Facility Study

Details of Changes from Prior Year Approved Plan

Funding in the amount of $545,000 is added for to complete critical infrastructure work at the Aquatics Center. Prior year capital budgets included $1.6 million for the current scope of work being completed. Planned funding of $5.0 million in FY 2017 – 2019 has been eliminated from the plan, and will be discussed in the context of the implementation of the 2012 Aquatics Facility Study.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated. Replacing the current outdated HVAC system with a new, efficient system may reduce utility costs.

Braddock Area Plan Park

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): Planning & Zoning
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,719,994	*100,000*	764,773	855,221	0	0	0	0	0	0	0	0	1,619,994
Financing Plan													
Prior City Funding	100,000	*100,000*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contribution	1,419,994	*0*	564,773	855,221	0	0	0	0	0	0	0	0	1,419,994
Lease Proceeds	200,000	*0*	200,000	0	0	0	0	0	0	0	0	0	200,000
Total Financing Plan	1,719,994	*100,000*	764,773	855,221	0	0	0	0	0	0	0	0	1,619,994
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

Basis of Project Cost Estimation: The total cost of the project is expected to exceed $11.6 million, of which $10.0 million is currently not funded.

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 as either the first phase of the final park or as a temporary park installation. 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 2014 and 2015 is from 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. 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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Increase resident satisfaction with the physical condition of recreation facilities and open space
  - IO: Sustain 7.5 acres of open space per 1,000 people

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase the percent of park users who walk or bike to recreation facilities and open space

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land in the City
  - IO: Increase the percent of the City's tree canopy to meet or exceed City standards

External or Internal Adopted Plan or Recommendation

- 2008 Braddock Metro Small Area Plan
- 2002 Strategic Master Plan for Open Space, Parks and Recreation

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

Additional Operating Budget Impact

Operating impact will be determined in conjunction with the completion of the park plan (FY2014) and will not occur until implementation and construction of the park.

Patrick Henry Recreation Center

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

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	6,500,000	*0*	350,000	485,000	5,665,000	0	0	0	0	0	0	0	6,500,000
Financing Plan													
General Obligaton Bonds	4,165,000	*0*	0	0	4,165,000	0	0	0	0	0	0	0	4,165,000
Cash Capital	2,335,000	*0*	350,000	485,000	1,500,000	0	0	0	0	0	0	0	2,335,000
Total Financing Plan	6,500,000	*0*	350,000	485,000	5,665,000	0	0	0	0	0	0	0	6,500,000
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

Basis of Project Cost Estimation: The cost estimate is based on the feasibility studies conducted previously. In addition, cost estimates were developed by using the budgets for completed projects with similar scopes and square footage.

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 is being accelerated from FY 2015 to FY 2014 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 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.

Linking to the City's Strategic Plan

Goal 4 – Children, Youth & Families

- LTO: Reduce the number of youth engaging in risky behaviors
  - IO: Increase the percent of Alexandria households engaged in recreational and cultural programs

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Increase community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- 2011 Parks and Recreation Needs Assessment

Details of Changes from Prior Year Approved Plan

Funding accelerated to begin FY 2014 (prior year plan started funding in FY 2015). Funding will coincide with the ACPS Patrick Henry Capacity project. Total cost estimates increase from $6.1 million to $6.5 million.

Additional Operating Budget Impact

Additional operating impact will be determined once the final scope of work has been developed.

City Marina Seawalls

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): Transportation & Environmental Services
OCA: 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 &	*Through*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Expenditure Budget	1,700,000	*0*	0	0	255,000	1,445,000	0	0	0	0	0	0	1,700,000
Financing Plan													
General Obligation Bonds	1,445,000	*0*	0	0	0	1,445,000	0	0	0	0	0	0	1,445,000
Cash Capital	255,000	*0*	0	0	255,000	0	0	0	0	0	0	0	255,000
Total Financing Plan	1,700,000	*0*	0	0	255,000	1,445,000	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

Basis of Project Cost Estimation: Funding in FY 2016 will be utilized for a 'reconnaissance study' assessing the adequacy of coastal structures around the perimeter of the Alexandria Marina shoreline and set priorities for repairs and improvements. FY 2017 funding is an estimated costs for construction, and will be refined once the study is complete.

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 projected 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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Maintain safety standards of public spaces and facilities
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- 2012 Waterfront Small Area Plan

Details of Changes from Prior Year Approved Plan

Total funding and project timing in FY 2016 and FY 2017 remains the same. Funding realigned to be split 15%/85% over the two years. First year – assessment, planning/design. Second year – construction.

Additional Operating Budget Impact

Renovation of an existing asset currently maintained by the City is not likely to have an additional operating budget impact.

City Marina Utility Upgrades

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,250,000	*0*	0	0	187,000	1,063,000	0	0	0	0	0	0	1,250,000
Financing Plan													
General Obligation Bonds	1,063,000	*0*	0	0	0	1,063,000	0	0	0	0	0	0	1,063,000
Cash Capital	187,000	*0*	0	0	187,000	0	0	0	0	0	0	0	187,000
Total Financing Plan	1,250,000	*0*	0	0	187,000	1,063,000	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

Basis of Project Cost Estimation: A study will be completed in FY 2016 to determine needs and provide detailed costs.

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 coincident 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 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 1 – Economic Development

- LTO: Increase visitor spending within the City
  - IO: Increase the number of visitors to the City

External or Internal Adopted Plan or Recommendation

- 2012 Waterfront Small Area Plan

Details of Changes from Prior Year Approved Plan

Total funding and project timing in FY 2016 and FY 2017 remains the same. Funding realigned to be split 15%/85% over the two years. First year – assessment, planning/design. Second year – construction.

Additional Operating Budget Impact

Renovation of an existing asset currently maintained by the City is not likely to have an additional operating budget impact.

Open Space Acquisition and Development

Document Subsection: Open Space Acquisition & Development
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
OCA: 215615

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	45,075,902	*21,825,902*	600,000	0	800,000	1,500,000	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	4,000,000	23,250,000
Financing Plan													
General Obligation Bonds	19,350,000	*10,000,000*	600,000	0	700,000	1,400,000	1,250,000	2,900,000	2,500,000	0	0	0	9,350,000
Cash Capital	25,303,102	*11,403,102*	0	0	100,000	100,000	100,000	100,000	1,500,000	4,000,000	4,000,000	4,000,000	13,900,000
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	45,075,902	*21,825,902*	600,000	0	800,000	1,500,000	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	4,000,000	23,250,000
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

Basis of Project Cost Estimation: Estimated costs are based on the appraisal of fair market value of the property.

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 $5.0 million along with the planned FY 2014 funding of $600,000 for a total of $5.6 million is currently earmarked for specified planned future open space purchases.

Funding will begin on an annual basis for this project beginning FY 2016. Due to recent use of existing funds to acquire and improve open space related to the Beauregard Small Area Plan, $600,000 is budgeted in FY 2014 to maintain the financial balance for implementation of the Open Space component in other small area plans. 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 on 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 (estimated at $742,181 in FY 2014) 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)

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve City residents' general health status
  - IO: Sustain 7.5 acres of open space per 1,000 people

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Sustain 7.5 acres of open space per 1,000 people
  - IO: Increase resident satisfaction with the physical condition of recreation facilities and open space

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase the percent of park users who walk or bike to recreation facilities and open space

External or Internal Adopted Plan or Recommendation

- 2002 Strategic Master Plan for Open Space, Parks and Recreation
- 2009 Eco-City Alexandria
- 2012 Beauregard Small Area Plan

Details of Changes from Prior Year Approved Plan

Funding in the amount of $600,000 is added in FY 2014 from Waterfront Open Space acquisition. Funding in the amount of $4,000,000 is added for FY 2023.

Additional Operating Budget Impact

Potential operating impacts must be determined on a case-by-case basis for each property acquired/improved.

Project Description and Justification (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.

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PUBLIC BUILDINGS

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Public Buildings
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Public Buildings												
General Government Facilities												
General Services CFMP	*$555,000*	$951,200	$1,100,000	$850,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,001,200
Energy Management Program	*$420,000*	$635,000	$800,000	$650,000	$350,000	$600,000	$550,000	$550,000	$650,000	$750,000	$850,000	$6,385,000
Emergency Generators	*$470,000*	$418,000	$445,000	$82,000	$420,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$2,497,000
City Hall HVAC & Infrastructure Replacement	*$0*	$2,950,000	$14,800,000	$0	$0	$0	$0	$0	$0	$0	$0	$17,750,000
City Hall Security Enhancements	*$175,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Roof Replacement Program	*$0*	$458,800	$0	$380,000	$0	$0	$0	$0	$0	$0	$0	$838,800
Fleet Facility - Lift Replacement	*$0*	$585,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$585,000
Elevator Replacement/Refurbishment	*$0*	$0	$500,000	$0	$0	$0	$500,000	$0	$500,000	$0	$500,000	$2,000,000
Library Facilities												
Library CFMP	*$0*	$715,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,065,000
Preservation of Historic Facilities												
City Historic Facilities CFMP	*$0*	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,450,000
Torpedo Factory Repairs	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,000	$10,000
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
Public Safety Facilities												
Fire Department CFMP	*$250,000*	$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	*$1,000,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Burn Building - Smoke Stack Demolition	*$0*	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Fire Station 203 (Cameron Mills)	*$0*	$0	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 207 (Duke Street)	*$0*	$0	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$17,972,000
Fire Station 206 (Seminary Rd)	*$0*	$0	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$10,887,000
Fire Station 205 (Cameron Street)	*$0*	$0	$0	$0	$0	$0	$0	$700,000	$9,903,000	$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
Adult Detention Center HVAC Replacement	*$0*	$370,000	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$1,350,700
Courthouse Renovations - HVAC Replacement	*$0*	$200,000	$230,000	$150,000	$100,000	$0	$0	$0	$0	$0	$0	$680,000
EOC/Public Safety Center Reuse	*$3,215,000*	$1,300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,300,000
Police K-9 Facility Renovation	*$0*	$490,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$490,000
Pistol Range	*$0*	$0	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Vola Lawson Animal Shelter	*$0*	$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	*$6,085,000*	$10,658,000	$21,170,700	$12,268,000	$4,205,000	$22,007,000	$14,297,000	$4,310,000	$14,295,000	$4,235,000	$4,420,000	$111,865,700

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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
OCA: 221135

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*438,221*	*555,000*	951,200	1,100,000	850,000	1,100,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,001,200
Financing Plan													
Prior City Funding	*438,221*	*555,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	765,000	1,005,000	730,000	965,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	11,265,000
Cash Capital	*0*	*0*	186,200	95,000	120,000	135,000	200,000	200,000	200,000	200,000	200,000	200,000	1,736,200
Total Financing Plan	*438,221*	*555,000*	951,200	1,100,000	850,000	1,100,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,001,200
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

Basis of Project Cost Estimation: The cost estimates for the planned CFMP projects are based on actual pricing for similar, recent projects.

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 2014 - 2016 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

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in FY 2014 ($148,800) and FY 2016 ($250,000) is shifted to the Roof Replacement Program project to keep like projects together. An additional $100,000 is added to the project beginning FY 2018 to account for additional capital maintenance needs at Police facilities. Funding in the amount of $1.5 million is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

General Services CFMP Category 1 Project List

Fiscal Year 2014		
Description		Amount
Replace two air handling units and systems at 4480 King Street - Phase 3 of 3	$	500,000
Replace interior & exterior lighting at the Fleet Service building	$	110,000
Replace warehouse lighting at 3200 Colvin Street (T&ES Recycling)	$	50,000
Bathroom repair at 2355 Mill Road (Alexandria CSB, MH Services, & Shelter)	$	25,000
Window chinking project at 4480 King Street (Health Dept)	$	150,000
Impound Lot heat pump replacement	$	15,000
Miscellaneous building repairs/replacements	$	101,200
Total Fiscal Year 2014	$	951,200
Fiscal Year 2015		
Description		Amount
Replace Air handling unit & VAV boxes; Re-commission units at Casey Clinic	$	175,000
Parking Garage Repairs at 4480 King Street & Market Square	$	760,000
Para pit point/tuck on east and south walls at 4480 King Street	$	70,000
Miscellaneous building repairs/replacements	$	95,000
Total Fiscal Year 2015	$	1,100,000
Fiscal Year 2016		
Description		Amount
Bathroom renovation 1st and 2nd floor at 4480 King Street	$	100,000
Bathroom Renovation in main lobby at 1200 N. Howard Street (Casey Clinic)	$	60,000
Commissioning at 1200 N. Howard Street	$	50,000
Para pit point/tuck on east and south walls at 4480 King Street	$	70,000
Window replacement at 2355 Mill Road	$	325,000
Overhead door replacement at Fleet Services Building (phase 1 of 2)	$	125,000
Miscellaneous Building Repairs	$	120,000
Total Fiscal Year 2016	$	850,000

Energy Management Program

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
OCA: 221242

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*415,287*	*420,000*	635,000	800,000	650,000	350,000	600,000	550,000	550,000	650,000	750,000	850,000	6,385,000
Financing Plan													
Prior City Funding	*415,287*	*420,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	450,000	700,000	585,000	280,000	480,000	440,000	440,000	520,000	600,000	680,000	5,175,000
Cash Capital	*0*	*0*	185,000	100,000	65,000	70,000	120,000	110,000	110,000	130,000	150,000	170,000	1,210,000
Total Financing Plan	*415,287*	*420,000*	635,000	800,000	650,000	350,000	600,000	550,000	550,000	650,000	750,000	850,000	6,385,000
Add. Operating Impact													
Annual Impact			(152,000)	(362,000)	(417,000)	(423,000)	(439,000)	(442,000)	(446,000)	(463,000)	(492,000)	(532,000)	(4,168,000)
Cumulative Impact			(152,000)	(514,000)	(931,000)	(1,354,000)	(1,793,000)	(2,235,000)	(2,681,000)	(3,144,000)	(3,636,000)	(4,168,000)	(4,168,000)

Basis of Project Cost Estimation: Cost estimates were derived from two primary sources: 1) Cost estimates from energy efficiency projects at City facilities; 2) Consultant reports including 2010 energy audit reports; and 3) Industry standard installed costs of energy efficiency measures from RS Means and similar sources. Costs includes the engineering, design, and construction of energy conservation, energy efficiency, and energy management projects. A 15% contingency is built into each requested year of funding.

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 2014 - 2016 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve air quality in the City
  - IO: Reduce energy use by the City government
  - IO: Increase public awareness of Eco-City Alexandria Program

Goal 5 – Financial Sustainability

- LTO: Maximize services per tax dollar
  - IO: Reduce energy use by the City government

External or Internal Adopted Plan or Recommendation

- 2009 Eco-City Charter
- Environmental Action Plan
- Energy and Climate Action Plan

Details of Changes from Prior Year Approved Plan

An additional $520,000 in funding is added to this project in FY 2014 – 2022. Project was the highest ranked project of all new and revised funding requests using the new CIP scoring tool. Funding in the amount of $850,000 is added for FY 2023.

Additional Operating Budget Impact

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

Energy Management Program Category 1 Project List

Fiscal Year 2014		
Description		Amount
Solar Thermal Domestic Hot Water System Pilot at a fire station TBD	$	60,000
Facility Advanced Metering Infrastructure (Interval Meters) - Design	$	10,000
Facility Advanced Metering Infrastructure (Interval Meters) - Construction	$	40,000
LED Lighting @ Burke / Barrett Libraries	$	150,000
Master BMS/EMS Control System Integration Design Study	$	100,000
Parking Garage Lighting Retrofits	$	200,000
Re-/Retro-Commissioning (Various Facilities)	$	75,000
Total Fiscal Year 2014	$	635,000
Fiscal Year 2015		
Description		Amount
Recreation Center Lighting Retrofits	$	400,000
Facility Advanced Metering Infrastructure (Interval Meters) - Construction	$	50,000
Torpedo Factory HVAC Control System Upgrades	$	100,000
Re-/Retro-Commissioning (Courthouse, Lee Center, Torpedo Factory)	$	200,000
Electric Vehicle Charging Station Pilot @ Market Square & Courthouse Garages	$	50,000
Total Fiscal Year 2015	$	800,000
Fiscal Year 2016		
Description		Amount
Fire Station Lighting Upgrades	$	150,000
HVAC Upgrades and Master Control System Integration	$	500,000
Total Fiscal Year 2016	$	650,000

Emergency Generators

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
OCA: 221032

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*993,562*	*470,000*	418,000	445,000	82,000	420,000	400,000	25,000	25,000	207,000	450,000	25,000	2,497,000
Financing Plan													
Prior City Funding	*993,562*	*470,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	278,000	405,000	0	320,000	300,000	0	0	107,000	350,000	0	1,760,000
Cash Capital	*0*	*0*	140,000	40,000	82,000	100,000	100,000	25,000	25,000	100,000	100,000	25,000	737,000
Total Financing Plan	*993,562*	*470,000*	418,000	445,000	82,000	420,000	400,000	25,000	25,000	207,000	450,000	25,000	2,497,000
Add. Operating Impact													
Annual Impact			0	2,000	2,060	2,122	2,186	2,252	2,319	2,389	2,460	2,534	20,322
Cumulative Impact			0	2,000	4,060	6,182	8,368	10,620	12,939	15,328	17,788	20,322	20,322

Basis of Project Cost Estimation: Cost estimates were derived from two primary sources: 1) Similar projects from recent installations of generators at City facilities; and 2) Industry standard installed cost of emergency generator units (~$1500 / kW-installed) from RS Means and similar sources.

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 2014 - 2016 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Maintain safety standards of public spaces and facilities.

External or Internal Adopted Plan or Recommendation

- Departmental Continuity of Operations Plans (COOPs)

Details of Changes from Prior Year Approved Plan

An additional $172,000 is added to this project from FY 2014 – 2022 to provide for a complete emergency generators replacement and capital maintenance project. Funding in the amount of $25,000 is added for FY 2023.

Additional Operating Budget Impact

The annual operating impact starts in FY 2015 due to the addition of a new, permanent generator installation at the Fuel Island. This permanent generator installation will require annual preventative maintenance which is estimated to be about $2,000 in FY 2014 dollars; increasing at the average annual rate of inflation.

Emergency Generators (Continued)

Emergency Generators Category 1 Project List

Fiscal Year 2014		
Description		Amount
Fleet Services / Fire Fleet Services Generator Design	$	158,000
Lee Center Generator Design and Construction	$	120,000
Generator Monitoring and Control System	$	30,000
FEMA Mobile Disconnect Installation Grant Match	$	85,000
Capital Repair (Major System Repair and Replacement)	$	25,000
Total Fiscal Year 2014	$	418,000

Fiscal Year 2015		
Description		Amount
Fleet Services / Fire Fleet Services Generator Construction	$	368,000
Capital Repair (Major System Repair and Replacement)	$	25,000
Fuel Island Permanent Generator Design and Construction	$	37,000
Generator Monitoring and Control System	$	15,000
Total Fiscal Year 2015	$	445,000

Fiscal Year 2016		
Description		Amount
Capital Repair (Major System Repair and Replacement)	$	25,000
Old DASH Facility Generator Design and Construction	$	46,000
Gadsby Tavern Generator Design and Construction	$	11,000
Total Fiscal Year 2016	$	82,000

City Hall HVAC and Infrastructure Replacement

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 220956

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	18,000,000	*250,000*	2,950,000	14,800,000	0	0	0	0	0	0	0	0	17,750,000
Financing Plan													
General Obligation Bonds	14,000,000	*0*	2,000,000	12,000,000	0	0	0	0	0	0	0	0	14,000,000
Cash Capital	4,000,000	*250,000*	950,000	2,800,000	0	0	0	0	0	0	0	0	3,750,000
Total Financing Plan	18,000,000	*250,000*	2,950,000	14,800,000	0	0	0	0	0	0	0	0	17,750,000
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

Basis of Project Cost Estimation: Estimates are based on the approximate cost per square feet for an HVAC system.

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, which 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 $18.0 million over four years is budgeted for this project: $3.2 million in FY 2013 - 2014 for design and engineering. Funding in the amount of $14.8 million in FY 2015 will be utilized for construction. Significant feasibility work needs to be completed in order to iron out project staging, including relocation of City Hall programs and operations. Additionally, major design and engineering work is necessary to define the actual HVAC and mechanical systems replacement scope.

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

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective
- LTO: Maximize services per tax dollar
  - IO: Reduce energy use by the City government

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $14.8 million was previously budgeted in FY 2015 – 2016. Funding is now budgeted entirely in FY 2015 to allow full budget authority when primary construction documents are anticipated to be signed.

Additional Operating Budget Impact

A more efficient HVAC system will reduce energy costs and a new HVAC system will reduce equipment repairs. The need for temporary swing space may require additional short-term operating resources, but completion of the feasibility work is needed to estimate these costs.

City Hall Security Enhancements

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 221261

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Basis of Project Cost Estimation: Estimates for this project is based upon the costs of similar completed projects; market analysis; and City procurement contract pricing.

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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

Additional operating impact is unknown until specific security enhancements are implemented. Any implementation based on the current scope of work is not likely to significantly impact the operating budget.

Roof Replacement Program

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 221180

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*26,768*	*0*	458,800	0	380,000	0	0	0	0	0	0	0	838,800
Financing Plan													
Prior City Funding	*26,768*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	458,800	0	380,000	0	0	0	0	0	0	0	838,800
Total Financing Plan	*26,768*	*0*	458,800	0	380,000	0	0	0	0	0	0	0	838,800
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

Basis of Project Cost Estimation: Cost estimates are based the actual cost of other recent City roof replacement projects.

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 prove a more accurate replacement plan beyond FY 2016.

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

- FY 2014 – Fleet Facility Replacement ($310,000)
- FY 2014 – 2355 Mill Road – Mental Health Services and Shelter ($148,800)
- FY 2016 – 3200 Colvin Street – T&ES ($250,000)
- FY 2016 – Burke Branch Library ($130,000)

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

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Prior year plan included funding only in FY 2014 for the Fleet Facility. The Mill Road and Colvin Street projects were submitted through the General Services CFMP project, but budgeted here to keep like projects together. Burke Branch Library is a new project added for FY 2016.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Fleet Facility – Lift Replacement

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 221177

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,330,000	*745,000*	585,000	0	0	0	0	0	0	0	0	0	585,000
Financing Plan													
General Obligation Bonds	1,330,000	*745,000*	585,000	0	0	0	0	0	0	0	0	0	585,000
Total Financing Plan	1,330,000	*745,000*	585,000	0	0	0	0	0	0	0	0	0	585,000
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

Basis of Project Cost Estimation: The cost estimate is based on pricing estimates received from the City's lift contractor.

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 is 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Elevator Replacement/Refurbishment

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 221176

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*530,562*	*0*	0	500,000	0	0	0	500,000	0	500,000	0	500,000	2,000,000
Financing Plan													
Prior City Funding	*530,562*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	0	450,000	0	0	0	450,000	0	450,000	0	450,000	1,800,000
Cash Capital	*0*	*0*	0	50,000	0	0	0	50,000	0	50,000	0	50,000	200,000
Total Financing Plan	*530,562*	*0*	0	500,000	0	0	0	500,000	0	500,000	0	500,000	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

Basis of Project Cost Estimation: The cost estimate is based on prevailing rates provided by City contractors.

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.

Additional funding added in FY 2019, 2021, and 2023 will allow this program to continue to address needed elevator replacements and/or refurbishments at City facilities through FY2023.

Elevator replacement/refurbishment of two elevators and their major components at the Public Safety Center is planned for FY 2015.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $500,000 is added each year in FY 2019, 2021, and 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Library Capital Facilities Maintenance Program (CFMP)

Document Subsection: Library Facilities
Managing Department: General Services
Supporting Department(s): Library
OCA: 205071

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*180,478*	*0*	715,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	2,065,000
Financing Plan													
Prior City Funding	*180,478*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	105,000	0	0	0	0	0	0	0	0	0	105,000
Cash Capital	*0*	*0*	610,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,960,000
Total Financing Plan	*180,478*	*0*	715,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	2,065,000
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

Basis of Project Cost Estimation: The cost estimates for the planned CFMP projects are based on actual pricing for similar, recent projects ($150,000 annually). Additional funding in FY 2014 is provided for projects at Beatley Central Library including: interior carpet replacement ($341,000); internal gutter system refurbishment ($50,000); and point, tuck, caulk, and power wash brick ($174,000).

Project Description & Justification

This project provides for annual capital infrastructure improvements at Beatley Central Library and Barrett, Burke and Duncan Branch Libraries. These facilities require ongoing capital investment for items such as carpet replacement, furniture and fixture replacement, electrical and plumbing work, and carpentry. On occasion, larger project involving HVAC systems or roof repairs may be necessary.

A prioritized list of projects planned for FY 2014 - 2016 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change.

As part of the list of prioritized projects funding in the amount of $565,000 was added to this project in FY 2014 for projects to be completed at Beatley Central Library. At the heavily used Central Library, all existing carpet will be replaced with new carpet tiles and rubber flooring. The project will be completed after hours and in sections. The project also addresses critical wall system water penetration issues that are causing serious damage to the facility.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

Goal 7 – Caring Community

- LTO: Increase visitation to our history, arts, cultural activities and sites
  - IO: Increase the use of library programs and services by the community

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $565,000 is added for FY 2014 for specific projects at Beatley Library. Funding in the amount of $150,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Libraries CFMP Category 1 Project List

Fiscal Year 2014		
Description		Amount
Beatley Carpet Replacement	$	341,000
Beatley Water Infiltration Remediation	$	224,000
Barrett Library Carpet Replacement (Part 1 of 2)	$	45,000
Burke Library Chiller Replacement	$	105,000
Total Fiscal Year 2014	$	715,000
Fiscal Year 2015		
Description		Amount
Barrett Library Carpet Replacement (Part 2 of 2)	$	40,000
Barrett Library Painting	$	20,000
Beatley Library Painting	$	75,000
Burke Library Exterior Caulking	$	15,000
Total Fiscal Year 2015	$	150,000
Fiscal Year 2016		
Description		Amount
Burke Library Exterior Lighting Upgrade	$	25,000
Duncan Library Carpet Project	$	60,000
Duncan Painting	$	15,000
Beatley Exterior Lighting Upgrade (Part 1 of 3)	$	30,000
Miscellaneous Building Items	$	20,000
Total Fiscal Year 2016	$	150,000

City Historic Facilities Capital Facilities Maintenance Program (CFMP)

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): Historic Alexandria
OCA: 220590

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

City Historic Facilites Capital Facilities Maintenance Program (CFMP)

	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*492,105*	*0*	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
Financing Plan													
Prior City Funding	*492,105*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	245,000	245,000	245,000	245,000	245,000	245,000	245,000	245,000	245,000	245,000	2,450,000
Cash Capital	*0*	*0*	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Total Financing Plan	*492,105*	*0*	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
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

Basis of Project Cost Estimation: Estimates for this project is based upon the costs of similar completed projects; market analysis; and City procurement contract pricing.

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 2014 - 2016 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 assets.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

Goal 7 – Caring Community

- LTO: Increase the City's historical elements that are preserved
  - IO: Improve City facilities and assets that are appealing and well maintained

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $345,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

City Historic Facilities CFMP Category 1 Project List

Fiscal Year 2014		
Description		Amount
Archives Storage improvements	$	25,000
Black History Watson Reading Room exterior repairs doors/windows	$	38,000
Ft. Ward ADA walkway, soil erosion, office improvements	$	112,000
Friendship Firehouse painting	$	20,000
Gadsby's Tavern interior lighting and storm windows, exterior masonry repairs.	$	125,000
Lloyd House interior flooring repairs	$	25,000
Total Fiscal Year 2014	$	345,000
Fiscal Year 2015		
Description		Amount
Black History Museum HVAC improvements, exterior painting	$	68,000
Ft. Ward Museum interior offices, soil erosion, replace gun carriages	$	112,000
Friendship Fire House recommission building	$	25,000
Gadsby's Tavern courtyard improvements	$	80,000
Lloyd House recommission building	$	25,000
Lyceum recommission building, reconfigure duct in Exhibit Hall	$	35,000
Total Fiscal Year 2015	$	345,000
Fiscal Year 2016		
Description		Amount
Black History Museum basement install HVAC unit	$	55,000
Black History Watson Reading Room exterior repairs, renovate kitchen	$	68,000
Ft. Ward Museum soil erosion	$	12,000
Friendship Firehouse exterior repairs, windows, doors	$	75,000
Gadsby's Tavern exterior masonry repairs	$	55,000
Lloyd House exterior masonry repairs, recommission building	$	80,000
Total Fiscal Year 2016	$	345,000

Torpedo Factory Repairs

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 221382

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*385,536*	*0*	0	0	0	0	0	0	0	0	0	10,000	10,000
Financing Plan													
Prior City Funding	*385,536*	*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	10,000	10,000
Total Financing Plan	*385,536*	*0*	0	0	0	0	0	0	0	0	0	10,000	10,000
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

Basis of Project Cost Estimation: N/A

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 $385,536 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

Goal 7 – Caring Community

- LTO: Increase the City's historical elements that are preserved
  - IO: Improve City facilities and assets that are appealing and well maintained

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

FY 2023 funding serves as a placeholder until future capital infrastructure needs are identified.

Additional Operating Budget Impact

An impact on the annual 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
OCA: 221160

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*269,248*	*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	*269,248*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	0	150,000	0	0	0	0	0	0	0	0	150,000
Cash Capital	*0*	*0*	150,000	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Total Financing Plan	*269,248*	*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

Basis of Project Cost Estimation: Estimates for this project are based upon the costs of similar completed projects; market analysis; and City procurement contract pricing.

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 2014 - 2016 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 2014 – Interior and exterior painting of group homes/residential units ($150,000)
- FY 2015 – Remodeling basements and window replacement at group homes ($150,000)
- FY 2016 – Carpet replacement and painting of residential units ($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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures

Goal 4 – Children, Youth & Families

- LTO: Increase the engagement in meaningful activities for residents with behavioral and mental health disorders
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $150,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Mental Health Facilities CFMP Category 1 Project List

Fiscal Year 2014	
Description	Amount
Interior and Exterior painting of group homes/residential units.	$ 150,000
Total Fiscal Year 2014	$ 150,000
Fiscal Year 2015	
Description	Amount
Remodel basements and replace windows at group homes/residential units.	$ 150,000
Total Fiscal Year 2015	$ 150,000
Fiscal Year 2016	
Description	Amount
Replace carpet and paint residential units	$ 150,000
Total Fiscal Year 2016	$ 150,000

Fire Department Capital Facilities Maintenance Program (CFMP)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
OCA: 265629

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*657,645*	*250,000*	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	*657,645*	*250,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	247,000	350,000	345,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	3,147,000
Cash Capital	*0*	*0*	153,000	50,000	55,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	853,000
Total Financing Plan	*657,645*	*250,000*	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

Basis of Project Cost Estimation: The cost estimates for the planned CFMP projects are based on actual pricing for similar, recent projects.

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 2014 - 2016 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $400,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Fire Stations CFMP Category 1 Project List

Fiscal Year 2014	
Description	Amount
Station 201 replace bay doors	$ 23,000
Station 202 replace overhead doors	$ 33,000
Station 203 paint interior	$ 25,000
Station 205 Replace flooring in Bunk & Day Rooms. Repair/replace overhead bay doors	$ 95,000
Station 206 Assess and replace overhead bay doors. Asphalt repairs in driveway	$ 106,000
Station 207 Replace overhead doors and single pane windows	$ 85,000
Station 208 Interior Painting	$ 33,000
Total Fiscal Year 2014	$ 400,000
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 installation preparations	$ 248,000
Total Fiscal Year 2015	$ 400,000
Fiscal Year 2016	
Description	Amount
Station 204 - HVAC controls and commissioning	$ 50,000
Station 206 - Interior paint. New flooring.	$ 30,000
Station 207 - New VCT flooring. Parking lot paving & front ramp repair.	$ 50,000
Station 208 - Roof replacement & New generator	$ 270,000
Total Fiscal Year 2016	$ 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
OCA: 265780

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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			2,190,075	2,255,777	2,323,451	2,393,154	2,464,949	2,538,897	2,615,064	2,693,516	2,774,321	2,857,551	25,106,755
Cumulative Impact			2,190,075	4,445,852	6,769,303	9,162,457	11,627,406	14,166,303	16,781,367	19,474,883	22,249,204	25,106,755	25,106,755

Basis of Project Cost Estimation: Cost estimate is based on known cost to date as well as established Guaranteed Maximum Price with the Design Build Entity. A breakdown of estimated costs includes: design and project management ($2,726,023); construction ($10,686,000); FF&E ($1,310,000); and contingency costs ($1,372,977).

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)

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Decrease deaths, injuries and loss of property from disasters
  - IO: Increase the City's readiness to respond to man-made or natural disasters
  - IO: Maintain safety standards of public spaces and facilities
- LTO: Decrease the loss of property from Fire
  - Improve the time it takes for all critical units to arrive at the scene of an emergency

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

No changes are proposed to the operating impact of $2.19 million which was included in the FY 2013 Operating Budget for 12 new fire fighters (full-year of cost) and 8 medics (half year cost). While the station is being constructed, the new fire fighters and medics must begin training in order to be ready for the opening of the fire station. Annual operating cost of approximately $180,000 will be needed for training and equipment for staff, along with station operating costs.

Project Description & Justification (Continued)

Construction of the DASH impound lot was completed in September 2012 and vehicles are now being stored at the lot. A groundbreaking ceremony for construction of the new fire station was held in October 2012. First phase construction of the new impound lot at Eisenhower Avenue commenced January 2013. Construction of the impound lot has been hampered by unforeseen site conditions; a burn pit with contaminated soil was encountered during demolition but has now been mitigated. Another unforeseen site condition has been encountered where a major storm sewer and sanitary line were not located per city records which will require reengineering and additional construction. Completion of the project is now scheduled for March/April of 2014; completion was originally to have been December 2013/January 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
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	200,000	*0*	200,000	0	0	0	0	0	0	0	0	0	200,000
Financing Plan													
Cash Capital	200,000	*0*	200,000	0	0	0	0	0	0	0	0	0	200,000
Total Financing Plan	200,000	*0*	200,000	0	0	0	0	0	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

Basis of Project Cost Estimation: No specific cost analysis has been prepared to date to estimate actual demolition cost.

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 1999, the burn building is located on Payne Street near Alex 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.

When the burn building was constructed it was built next to and with an opening to, a large chimney that had been used when the Print Shop had been 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Fire Station 203 (Cameron Mills)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
OCA: 265630

Project Location: 2801 Cameron Mills Rd.
Reporting Area: North Ridge/Rosemont
Project Category/Priority: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	7,721,000	*0*	0	600,000	7,121,000	0	0	0	0	0	0	0	7,721,000
Financing Plan													
General Obligation Bonds	5,921,000	*0*	0	0	5,921,000	0	0	0	0	0	0	0	5,921,000
Cash Capital	1,800,000	*0*	0	600,000	1,200,000	0	0	0	0	0	0	0	1,800,000
Total Financing Plan	7,721,000	*0*	0	600,000	7,121,000	0	0	0	0	0	0	0	7,721,000
Add. Operating Impact													
Annual Impact			0	0	1,269,037	1,101,108	1,134,141	1,168,165	1,203,210	1,239,306	1,276,486	1,314,780	9,706,233
Cumulative Impact			0	0	1,269,037	2,370,145	3,504,286	4,672,451	5,875,661	7,114,967	8,391,453	9,706,233	9,706,233

Basis of Project Cost Estimation: Cost estimate is based on known cost for Fire Station 209 constructed in 2007-2009. Cost have been updated to 2012 values using 3% annual rate of inflation. Cost of DGS project manager, professional construction manager and AFD Facilities Oversight Captain as well as other typical soft cost were used to provide a more thorough cost estimate. A breakdown of estimated costs includes: design and project management ($1,488,000); construction ($4,944,000); one medic unit ($300,000); and FF&E, contingency, and other miscellaneous costs ($989,000).

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 prior year approved Capital Improvement Program (FY 2013 – 2022) 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 would be more detailed and specifically related to the logistics of bringing the project forward for design and construction. Funding has been moved back one year to FY 2015, as the City continues to assess the most effective way to provide these public safety services.

(Continued on next page)

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Decrease deaths, injuries and loss of property from disasters
  - IO: Increase the City's readiness to respond to man-made or natural disasters
  - IO: Maintain safety standards of public spaces and facilities
- LTO: Decrease the loss of property from Fire
  - Improve the time it takes for all critical units to arrive at the scene of an emergency

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program

Details of Changes from Prior Year Approved Plan

Project start delayed by one year. Funding originally planned for FY 2014 is shifted to FY 2015. Total project costs increased from $6.2 million to $7.7 million based on updated project cost estimates.

Additional Operating Budget Impact – See Next Page

Fire Station 203 (Cameron Mills) (Continued)

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.

Additional Operating Impact

Included in the CIP funds for Station 203 is $300,000 for the purchase of a new Medic Unit consistent with the plans endorsed by the Council since FY 2010. In order to operate the Medic Unit, the Fire Department will require ten new Medics who are ALS-certified and who will operate the Medic Unit over four separate shifts. The new Station 203 is tentatively scheduled to open in the FY 2016 – 2017 time frame. Medics are anticipated to be hired in FY 2016. First year costs of $1.2 million will include compensation, uniforms, protective gear, communications gear, and training along with operating expenditures associated with running the facility. Recurring costs are estimated to be $1.0 million beginning in FY 2016, adjusted by inflation.

Fire Station 207 (Duke Street)

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

Project Location: 3301 Duke Street
Reporting Area: Taylor Run
Project Category/Priority: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	17,972,000	*0*	0	0	0	700,000	17,272,000	0	0	0	0	0	17,972,000
Financing Plan													
General Obligation Bonds	16,022,000	*0*	0	0	0	0	16,022,000	0	0	0	0	0	16,022,000
Cash Capital	1,950,000	*0*	0	0	0	700,000	1,250,000	0	0	0	0	0	1,950,000
Total Financing Plan	17,972,000	*0*	0	0	0	700,000	17,272,000	0	0	0	0	0	17,972,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	100,416	103,429	106,532	109,727	113,019	533,123
Cumulative Impact			0	0	0	0	0	100,416	203,845	310,377	420,104	533,123	533,123

Basis of Project Cost Estimation: Cost estimates are based on known costs for Fire Station 209 constructed in 2007-2009. Costs have been updated to 2012 values using a three 3% annual rate of inflation. Cost of DGS project management and professional project manager as well as other typical soft costs were used to provide more thorough cost estimates. This estimate includes an additional $3.0 million for land acquisition cost should another City site not be available in the immediate Duke Street area. A breakdown of estimated costs includes: design and project management ($2,098,000); construction ($11,108,000); land costs ($3,000,000); and FF&E contingency, and other miscellaneous costs ($1,766,000).

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 prior year approved Capital Improvement Program (FY 2013 – 2022) 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. Funding has been moved back one year to FY 2017, as the City continues to assess the most effective way to provide these public safety services.

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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Decrease deaths, injuries and loss of property from disasters
  - IO: Increase the City's readiness to respond to man-made or natural disasters
  - IO: Maintain safety standards of public spaces and facilities
- LTO: Decrease the loss of property from Fire
  - Improve the time it takes for all critical units to arrive at the scene of an emergency

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program

Details of Changes from Prior Year Approved Plan

Project start delayed by one year. Funding originally planned for FY 2016 is shifted to FY 2017. Total project costs increased from $9.7 million to $17.72 million based on updated project cost estimates.

Additional Operating Budget Impact

Annual additional operating impact associated with utilities, operating supplies and facility maintenance is estimated at $100,416 in FY 2019 based on the size of the new facility, increasing by inflation each year thereafter.

Fire Station 206 (Seminary Road)

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

Project Location: 4609 Seminary Road
Reporting Area: Seminary Hill
Project Category/Priority: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	10,887,000	*0*	0	0	0	0	700,000	10,187,000	0	0	0	0	10,887,000
Financing Plan													
General Obligation Bonds	8,787,000	*0*	0	0	0	0	0	8,787,000	0	0	0	0	8,787,000
Cash Capital	2,100,000	*0*	0	0	0	0	700,000	1,400,000	0	0	0	0	2,100,000
Total Financing Plan	10,887,000	*0*	0	0	0	0	700,000	10,187,000	0	0	0	0	10,887,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	103,429	106,532	109,727	113,019	432,707
Cumulative Impact			0	0	0	0	0	0	103,429	209,961	319,688	432,707	432,707

Basis of Project Cost Estimation: Cost estimate is based on known cost for Fire Station 209 constructed in 2007-2009. Cost have been updated to 2012 values using 3% annual rate of inflation. Cost of DGS project manager, professional construction manager and AFD Facilities Oversight Captain as well as other typical soft cost were used to provide a more thorough cost estimate. Budget request is being increased as a result of more detailed estimated construction and soft cost. A breakdown of estimated costs includes: design and project management ($1,665,000); construction ($5,406,000); land costs ($2,400,000); and FF&E contingency, and other miscellaneous costs ($1,132,000).

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 prior year approved Capital Improvement Program (FY 2013 – 2022) 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. Funding has been moved back one year to FY 2018, as the City continues to assess the most effective way to provide these public safety services.

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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Decrease deaths, injuries and loss of property from disasters
  - IO: Increase the City's readiness to respond to man-made or natural disasters
  - IO: Maintain safety standards of public spaces and facilities
- LTO: Decrease the loss of property from Fire
  - Improve the time it takes for all critical units to arrive at the scene of an emergency

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program

Details of Changes from Prior Year Approved Plan

Project start delayed by one year. Funding originally planned for FY 2017 is shifted to FY 2018. Total project costs increased from $9.7 million to $10.9 million based on updated project cost estimates.

Additional Operating Budget Impact

Annual additional operating impact associated with utilities, operating supplies and facility maintenance is estimated at $103,429 in FY 2020 based on the size of the new facility, increasing by inflation each year thereafter.

Fire Station 205 (Cameron Street)

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

Project Location: 1210 Cameron Street
Reporting Area: Old Town
Project Category/Priority: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	10,603,000	*0*	0	0	0	0	0	0	700,000	9,903,000	0	0	10,603,000
Financing Plan													
General Obligation Bonds	8,603,000	*0*	0	0	0	0	0	0	0	8,603,000	0	0	8,603,000
Cash Capital	2,000,000	*0*	0	0	0	0	0	0	700,000	1,300,000	0	0	2,000,000
Total Financing Plan	10,603,000	*0*	0	0	0	0	0	0	700,000	9,903,000	0	0	10,603,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	84,907	87,455	172,362
Cumulative Impact			0	0	0	0	0	0	0	0	84,907	172,362	172,362

Basis of Project Cost Estimation: Cost estimate is based on known cost for Fire Station 209 constructed in 2007-2009. Costs have been updated to 2012 values using 3% annual rate of inflation. Cost of DGS project management and professional project manager as well as other typical soft cost were used to provide a more thorough cost estimate. In all likelihood this station will need to be relocated to another location as the existing site is quite small for contemporary fire station functions. $2.4 million has been included for land acquisition costs the City is likely to incur. A breakdown of estimated costs includes: design and project management ($1,816,000); construction ($7,641,000); and FF&E, contingency, and other miscellaneous costs ($1,430,000).

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 prior year approved Capital Improvement Program (FY 2013 – 2022) included $9.7million 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. Funding has been moved back one year to FY 2020, as the City continues to assess the most effective way to provide these public safety services.

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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Decrease deaths, injuries and loss of property from disasters
  - IO: Increase the City's readiness to respond to man-made or natural disasters
  - IO: Maintain safety standards of public spaces and facilities
- LTO: Decrease the loss of property from Fire
  - Improve the time it takes for all critical units to arrive at the scene of an emergency

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program

Details of Changes from Prior Year Approved Plan

Project start delayed by one year. Funding originally planned for FY 2019 is shifted to FY 2020. Total project costs increased from $9.7 million to $10.6 million based on updated project cost estimates.

Additional Operating Budget Impact

Annual additional operating impact associated with utilities, operating supplies and facility maintenance is estimated at $84,907 in FY 2020 based on the size of the new facility, increasing by inflation each year thereafter.

Office of the Sheriff Capital Facilities Maintenance Program (CFMP)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Sheriff's Office
OCA: 221133

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*518,832*	*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	*518,832*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	115,000	185,000	175,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	1,595,000
Cash Capital	*0*	*0*	345,000	275,000	285,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,005,000
Total Financing Plan	*518,832*	*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

Basis of Project Cost Estimation: Estimates for this project are based upon the costs of similar completed projects; market analysis; and City procurement contract pricing.

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 2014 - 2016 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Maintain safety standards of public spaces and facilities
  - IO: Reduce incident that occur in the Courthouse

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $400,000 is added for FY 2023.

Additional Operating Budget Impact

Updated HVAC equipment will improve energy efficiency, which will decrease utility costs for the Sheriff's Office. New equipment will also decrease maintenance and repair costs for General Services.

Office of the Sheriff CFMP Category 1 Project List

Fiscal Year 2014		
Description		Amount
Security requirements to include card readers, doors, intercom, monitors, etc.	$	30,000
HVAC improvements to Building Management Systems and replace exhaust fans.	$	85,000
Exterior repairs to address deteriorated masonry.	$	40,000
Replace front Gate A systems/components.	$	75,000
Interior upgrades to include workstations, cell conversions, painting supplies.	$	150,000
Replace WGTADC Kitchen/Laundry equipment/appliances.	$	80,000
Total Fiscal Year 2014	$	460,000
Fiscal Year 2015		
Description		Amount
Security requirements to include card readers, doors, intercom, monitors, etc.	$	15,000
HVAC improvements to replace original equipment (fan coils, split systems, etc.)	$	145,000
Exterior repairs to address deteriorated masonry.	$	40,000
Replace Gate B systems/components.	$	75,000
Interior upgrades to include gym flooring, painting supplies	$	90,000
Replace WGTADC Kitchen and Laundry equipment/appliances.	$	95,000
Total Fiscal Year 2015	$	460,000
Fiscal Year 2016		
Description		Amount
Security requirements to include card readers, doors, intercom, monitors, etc.	$	75,000
HVAC improvements to replace original equipment (water heater, air handlers etc.)	$	95,000
Exterior repairs to address deteriorated masonry and exterior lighting upgrades.	$	40,000
Replace Gate C systems.	$	135,000
Interior upgrades to include WTADC door mechanisms, painting supplies.	$	85,000
Replace WGTADC Kitchen and Laundry equipment/appliances.	$	30,000
Total Fiscal Year 2016	$	460,000

Courthouse Renovations – HVAC Replacement

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 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													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*680,000*	*0*	200,000	230,000	150,000	100,000	0	0	0	0	0	0	680,000
Financing Plan													
General Obligation Bonds	*612,000*	*0*	180,000	207,000	135,000	90,000	0	0	0	0	0	0	612,000
Cash Capital	*68,000*	*0*	20,000	23,000	15,000	10,000	0	0	0	0	0	0	68,000
Total Financing Plan	*680,000*	*0*	200,000	230,000	150,000	100,000	0	0	0	0	0	0	680,000
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

Basis of Project Cost Estimation: Staff has performed initial design/engineering work related to the HVAC rehab in order to establish a reasonable budget estimate and timeline.

Project Description & Justification

This project provides funding for HVAC system rehabilitation including six air handlers (AHUs) and variable air volume (VAV) devices plus updated controllers at the Franklin Backus Courthouse. These HVAC components are aged beyond their useful lives and no longer perform efficiently. The AHUs have been prioritized in terms of criticality and condition and planned for replacement over time. The VAVs and HVAC controllers would be replaced before the AHUs as they have the most direct impact on occupant comfort levels.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

Additional Operating Budget Impact

The planned refurbishment of the HVAC system over the next several years should help control utility costs at the Courthouse. Electricity and Natural Gas consumption related to HVAC operations should decrease. More specific cost estimates can be calculated once the phasing of the project is finalized.

Adult Detention Center HVAC Replacement

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Sheriff's Office
OCA: TBD

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,350,700	*0*	370,000	980,700	0	0	0	0	0	0	0	0	1,350,700
Financing Plan													
General Obligation Bonds	1,215,000	*0*	333,000	882,000	0	0	0	0	0	0	0	0	1,215,000
Cash Capital	135,700	*0*	37,000	98,700	0	0	0	0	0	0	0	0	135,700
Total Financing Plan	1,350,700	*0*	370,000	980,700	0	0	0	0	0	0	0	0	1,350,700
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

Basis of Project Cost Estimation: Market (unit prices, provided by suppliers, subcontractors to reflect standard construction methods and materials). Sales tax and labor burden are included in unit pricing. Labor prices are based on wage scale conditions and do not reflect overtime.

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 ultimately;
- Third and fourth floor occupants complained of being hot with insufficient air flow during the summer; and
- 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

Additional Operating Budget Impact

Updated HVAC equipment will improve energy efficiency, which will decrease utility costs for the Sheriff's Office. New equipment will also decrease maintenance and repair costs for General Services.

Emergency Operations Center/Public Safety Center Reuse

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 220077

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	4,815,000	*3,515,000*	1,300,000	0	0	0	0	0	0	0	0	0	1,300,000
Financing Plan													
General Obligation Bonds	2,965,000	*2,965,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,850,000	*550,000*	1,300,000	0	0	0	0	0	0	0	0	0	1,300,000
Total Financing Plan	4,815,000	*3,515,000*	1,300,000	0	0	0	0	0	0	0	0	0	1,300,000
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

Basis of Project Cost Estimation: The estimate is based on design development documents, past projects and information from equipment manufacturers. Additional funding in FY 2014 will provide for Air Handling Unit replacement ($800,000); Increased generator capacity ($400,000); and additional design services for the both of those items ($100,000).

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 is also provided for this in FY 2014.

The project is currently under design, in the construction documents development phase. The design will be completed by the end of March 2013. The completion of the design will be immediately followed by the permitting and the bidding phases with the estimated construction starting summer 2013.

Completion of this project will manage financial resources by replacing 27 yr. 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 Citywide public safety by providing an effective Emergency Operations Center.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Decrease deaths, injuries, and loss of property disasters
  - IO: Increase City's readiness to respond to man-made or natural disasters

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

An additional $1.3 million is added to the project in FY 2014 to address HVAC/air handling unit replacement and increased generator capacity, along with additional design services for both of those items.

Additional Operating Budget Impact

The construction of a permanent Emergency Operations Center and space reuse at the PSC will result in additional operating costs for utilities and equipment preventative maintenance contracts, as well as other operational items such as custodial services. The specific magnitude of these impacts can begin to be quantified after design work is completed.

Police K-9 Facility Renovation

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Police Department
OCA: 265721

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	490,000	*0*	490,000	0	0	0	0	0	0	0	0	0	490,000
Financing Plan													
General Obligation Bonds	450,000	*0*	450,000	0	0	0	0	0	0	0	0	0	450,000
Cash Capital	40,000	*0*	40,000	0	0	0	0	0	0	0	0	0	40,000
Total Financing Plan	490,000	*0*	490,000	0	0	0	0	0	0	0	0	0	490,000
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

Basis of Project Cost Estimation: The basis for the sitework, demolition, and construction cost estimates is square footage numbers for this type of construction, with a small project factor. The basis for the FF&E estimate is actual current pricing. The estimate architectural/engineering services is a percentage of the project costs. A breakdown of estimated costs includes: design and project management ($100,000); site work ($75,000); demoliton and construction ($275,000); and FF&E costs ($40,000).

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 does 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.

In the prior year approved plan, the City programmed $270,000 in FY 2016 to support construction efforts. Funding has been accelerated to FY 2014, and increased to $490,000 address needed surface parking lot repairs, site walkways, site grading changes, and project management costs.

Architectural/Engineering professionals will be needed to take preliminary design concepts developed by the Police 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding is accelerated from FY 2016 in the prior year approved plan to FY 2014. Based on updated cost estimated and a revised scope of work including space reallocation for staff and adding project management costs, the total project budget increases from $270,000 to $490,000.

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.

Pistol Range

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Police Department
OCA: 221900

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,680,000	*0*	0	180,000	1,500,000	0	0	0	0	0	0	0	1,680,000
Financing Plan													
General Obligation Bonds	1,350,000	*0*	0	0	1,350,000	0	0	0	0	0	0	0	1,350,000
Cash Capital	330,000	*0*	0	180,000	150,000	0	0	0	0	0	0	0	330,000
Total Financing Plan	1,680,000	*0*	0	180,000	1,500,000	0	0	0	0	0	0	0	1,680,000
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

Basis of Project Cost Estimation: The basis of the cost estimate is the costing exercise completed by Larson Koenig Architects during the preliminary design phase.

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.

Environmental tests uncovered high levels of lead residue and surfaces inside the facility after normal cleaning. It was determined that an improved draining and filtering system for the entire range would be required, in addition to an environmental cleaning program. It was also determined that a specialized exhaust system must be designed and built to mitigate particulates and improved air quality.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding is accelerated by one year – from FY 2016 – 2017 in the prior year plan to FY 2015 – 2016 in the current year plan. Based on updated cost estimate, total costs are increased from $1.435 million to $1.68 million.

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.

Vola Lawson Animal Shelter

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
OCA: 221281

Project Location: 4101 Eisenhower Ave
Reporting Area: Seminary Hill
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: Varies

Vola Lawson Animal Shelter													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*59,152*	*0*	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	*59,152*	*0*	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	*59,152*	*0*	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

Basis of Project Cost Estimation: Estimates for this project are based upon the costs of similar completed projects; market analysis; and City procurement contract pricing.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase ratio of maintenance investment relative to repair expenditures
  - IO: Increase departments' satisfaction that they have the appropriate support resources and assets to be efficient and effective

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $30,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

TRANSPORTATION AND TRANSIT INFRASTRUCTURE

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Transportation & Transit Infrastructure
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of All Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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	*$6,100,000*	$1,295,878	$0	$0	$0	$0	$0	$1,000,000	$0	$0	$0	$2,295,878
Potomac Yard Metrorail Station	*$500,000*	$1,975,000	$2,525,000	$268,300,000	$0	$0	$0	$0	$0	$0	$0	$272,800,000
WMATA Capital Contributions	*$0*	$6,775,000	$7,380,000	$7,530,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$74,535,000
ADA - Transportation Facilities	*$20,000*	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$100,000
Bus Shelters and Benches	*$761,250*	$542,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$542,500
DASH Bus Fleet Replacements (Since FY 11)	*$5,161,600*	$4,050,000	$4,450,000	$3,300,000	$7,070,000	$6,360,000	$6,360,000	$3,200,000	$3,200,000	$4,200,000	$4,200,000	$46,390,000
DASH Fleet Expansion	*$1,636,500*	$3,250,000	$0	$0	$3,250,000	$0	$2,600,000	$0	$1,300,000	$0	$0	$10,400,000
Hybrid Bus / Trolley Battery Packs	*$0*	$0	$0	$500,000	$150,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,650,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$600,000
Total, Public Transit	*$18,731,435*	$17,898,378	$14,365,000	$279,640,000	$18,030,000	$14,170,000	$16,670,000	$11,910,000	$12,210,000	$11,910,000	$12,510,000	$409,313,378
Transportation - High Capacity Transit Corridors												
Route 1 Transitway	*$4,000,000*	$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	$0	$0	$3,000,000	$0	$3,000,000
Transit Corridor "C" Transit Priority	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "C" - Beauregard	*$1,825,000*	$0	$2,500,000	$11,000,000	$11,000,000	$0	$0	$0	$0	$0	$0	$24,500,000
Transit Corridor "B" - Duke Street	*$0*	$0	$0	$0	$0	$0	$500,000	$0	$0	$0	$2,000,000	$2,500,000
Total, High Capacity Transit Corridors	*$6,505,000*	$600,000	$2,500,000	$11,000,000	$11,000,000	$0	$500,000	$0	$0	$3,000,000	$2,000,000	$30,600,000
Transportation - Non-Motorized Transportation												
Access to Transit	*$1,648,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Bicycle Master Plan Update	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$0	$25,000	$225,000	$0	$100,000	$0	$0	$0	$0	$350,000
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare	*$400,000*	$600,000	$300,000	$300,000	$0	$270,000	$0	$225,000	$0	$300,000	$0	$1,995,000
Complete Streets	*$1,133,088*	$0	$670,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$7,870,000
Edsall and South Pickett Pedestrian Imprv.	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Greenway	*$5,334,800*	$1,317,602	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,317,602
Mt. Vernon Trail @ East Abingdon	*$50,000*	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Safe Routes to Schools	*$0*	$275,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,000
Shared-Use Paths	*$118,000*	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$1,180,000
Wilkes Street Bikeway	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total, Non-Motorized Transportation	*$9,193,888*	$3,260,602	$2,088,000	$4,343,000	$1,443,000	$4,288,000	$1,118,000	$1,243,000	$1,018,000	$1,318,000	$1,018,000	$21,137,602

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Transportation - Streets & Bridges												
King & Beauregard Intersection	*$8,253,262*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Widening	*$6,228,816*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King/Quaker Lane/Braddock Rd. Inter.	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Seminary Rd. at Beauregard Ellipse	*$0*	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$325,000
Street Reconstruction & Resurfacing of Major Roads	*$0*	$1,375,000	$2,750,000	$3,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$41,125,000
Bridge Repairs	*$1,100,000*	$0	$700,000	$300,000	$1,200,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$5,200,000
Street/Alley Reconstructions & Extensions	*$475,024*	$300,000	$600,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$7,300,000
Mt. Vernon Ave/Russell Road Intersection	*$0*	$0	$100,000	$900,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Madison & Montgomery Reconstruction	*$0*	$0	$0	$1,000,000	$5,750,000	$0	$0	$0	$0	$0	$0	$6,750,000
Duke Street Complete Streets	*$0*	$0	$0	$0	$0	$0	$0	$210,000	$2,100,000	$0	$0	$2,310,000
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Total, Streets & Bridges	*$21,905,102*	$2,000,000	$4,150,000	$6,750,000	$12,500,000	$5,850,000	$6,250,000	$6,060,000	$8,350,000	$5,850,000	$7,250,000	$65,010,000
Transportation - Fixed Transportation Equipment												
Fixed Transportation Equipment	*$400,000*	$850,000	$850,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$2,350,000	$850,000	$850,000	$10,600,000
Transportation Technologies	*$300,000*	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,250,000
ITS Integration	*$0*	$1,567,019	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,567,019
Parking Technologies	*$0*	$0	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$310,000
Total, Fixed Transportation Equipment	*$700,000*	$2,667,019	$850,000	$1,100,000	$850,000	$1,810,000	$1,050,000	$1,100,000	$2,350,000	$1,100,000	$850,000	$13,727,019

Transportation Total	*$57,035,425*	$26,425,999	$23,953,000	$302,833,000	$43,823,000	$26,118,000	$25,588,000	$20,313,000	$23,928,000	$23,178,000	$23,628,000	$539,787,999

Transportation Improvement Program (TIP)

FY 2014 – FY 2023 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. The TIP funds capital improvements, additional operating costs and debt service on General Obligation Bonds issued and backed by these revenues. Details of the fund revenues, operating expenditures and capital projects are included below.

Details of Revenues

Transportation Improvement Program (TIP) Revenues		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 14-FY23
TIP Reserved Real Estate Tax Rate		$7,553,346	$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	$86,704,573
TIP Cash Capital		$319,044	$441,881	$401,534	$400,113	$1,248,182	$1,559,044	$1,559,044	$1,559,044	$1,559,044	$1,559,044	$10,605,974
TIP Cash Reprogrammed from Prior Years		$570,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$570,000
TIP General Obligation Bonds		$0	$375,000	$13,200,000	$11,350,000	$1,050,000	$1,400,000	$625,000	$0	$0	$0	$28,000,000
Fund Balance Carryover		$76,230	$2,429	$36,206	$67,911	$126,760	$144,180	$175,777	$327,502	$136,665	$21,985	$0
Total TIP Revenues		$8,518,620	$8,580,373	$21,612,232	$20,031,751	$10,905,615	$11,859,519	$11,400,696	$11,221,249	$11,333,790	$11,532,348	$125,880,547

Details of Operating Expenditures and Capital Projects

Transportation Improvement Program Expenditure Overview	Capital Funding To Date	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 14-FY23
TIP Expanded Operating		$2,267,716	$4,961,750	$4,912,906	$3,376,184	$4,949,588	$6,318,618	$6,487,782	$4,724,076	$4,860,508	$4,867,578	$47,726,705
TIP Capital Projects	$23,900,000	$5,620,000	$3,000,000	$15,450,000	$14,450,000	$3,250,000	$2,600,000	$1,685,000	$3,400,000	$3,550,000	$3,600,000	$56,605,000
TIP Debt Service (thru FY 2013)		$628,475	$565,412	$556,307	$599,466	$581,957	$564,449	$546,940	$529,432	$511,923	$494,415	$5,578,776
TIP Debt Service (FY 2014-23)		$0	$17,005	$625,108	$1,479,341	$1,979,890	$2,200,675	$2,353,472	$2,431,076	$2,389,374	$2,339,934	$15,815,875
Total TIP Expenditures		$8,516,191	$8,544,167	$21,544,321	$19,904,991	$10,761,435	$11,683,742	$11,073,194	$11,084,584	$11,311,805	$11,301,927	$125,726,356

Transportation Improvement Program (TIP) Projects (Current Operating)		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 14-FY23
Capital Bikeshare - Current Operations		$70,000	$70,000	$40,000	$0	$0	$0	$0	$0	$0	$0	$180,000
DASH Bus Expanded Service Phase I - Current		$1,238,000	$1,238,000	$1,238,000	$1,238,000	$1,238,000	$1,238,000	$1,238,000	$1,238,000	$1,238,000	$1,238,000	$12,380,000
Transportation Implementation Staff - Current		$150,858	$153,875	$156,953	$160,092	$163,294	$166,559	$169,891	$173,288	$176,754	$180,289	$1,651,853

Transportation Improvement Program (TIP) Projects (Expanded Operating)		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 14-FY23
DASH Bus Expanded Service Phase II		$383,000	$766,000	$766,000	$1,208,000	$1,650,000	$1,812,500	$1,975,000	$2,104,500	$2,234,000	$2,234,000	$15,133,000
Transportation Implementation Staff - Expanded		$150,858	$153,875	$156,953	$160,092	$163,294	$166,559	$169,891	$173,288	$176,754	$180,289	$1,651,853
Route 1 Transitway Operations		$275,000	$2,420,000	$2,420,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$8,615,000
Trail Maintenance		$0	$10,000	$10,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$125,000
King Street Station Operations		$0	$15,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$175,000
Capital Bikeshare Expansion Operations		$0	$135,000	$105,000	$75,000	$0	$0	$0	$0	$0	$0	$315,000
Transit Corridor "C" Operations		$0	$0	$0	$0	$1,200,000	$2,400,000	$2,400,000	$500,000	$500,000	$500,000	$7,500,000
Total TIP Operating Costs		$2,267,716	$4,961,750	$4,912,906	$3,376,184	$4,949,588	$6,318,618	$6,487,782	$4,724,076	$4,860,508	$4,867,578	$47,726,705
TIP Debt Service		$628,475	$582,417	$1,181,415	$2,078,807	$2,561,847	$2,765,124	$2,900,412	$2,960,508	$2,901,297	$2,834,349	$21,394,651

Details of Operating Expenditures and Capital Projects

Transportation Improvement Program (TIP) Projects (Capital) Subsection/Project	Capital Funding To Date	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 14-FY23
High Capacity Transit Corridors												
Route 1 Transitway	$4,600,000	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Transit Corridor "C" - Beauregard	$2,100,000	$0	$2,400,000	$11,000,000	$11,000,000	$0	$0	$0	$0	$0	$0	$24,400,000
Transit Corridor "A" Streetcar Conversion	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$3,000,000
Transit Corridor "B" - Duke Street	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000	$2,000,000
Public Transit												
DASH Fleet Expansion Phase II	$3,900,000	$3,250,000	$0	$0	$3,250,000	$0	$2,600,000	$0	$1,300,000	$0	$0	$10,400,000
King Street Metrorail Station Area	$2,400,000	$0	$0	$0	$0	$0	$0	$1,000,000	$0	$0	$0	$1,000,000
Landmark Transit Station	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$600,000
Streets & Bridges												
King/Quaker/Braddock Intersection	$6,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Seminary Rd. at Beauregard Ellipse	$0	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$325,000
Union Street Pedestrian and Traffic Improvements	$0	$245,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$245,000
Mt. Vernon Ave/Russell Road Intersection	$0	$0	$100,000	$900,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Duke Street Complete Streets	$0	$0	$0	$0	$0	$0	$0	$210,000	$2,100,000	$0	$0	$2,310,000
High Street Construction	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Non-Motorized Transportation												
Holmes Run Greenway	$3,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Bicycle Master Plan Update	$0	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare Expansion	$0	$450,000	$0	$300,000	$0	$0	$0	$225,000	$0	$300,000	$0	$1,275,000
Old Cameron Run Trail	$0	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Backlick Run Multi-Use Paths	$0	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Van Dorn Multimodal Bridge	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Fixed Transportation Equipment												
Transportation Technologies	$350,000	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,250,000
Total CIP Transportation Impr. Program	**$23,900,000**	**$5,620,000**	**$3,000,000**	**$15,450,000**	**$14,450,000**	**$3,250,000**	**$2,600,000**	**$1,685,000**	**$3,400,000**	**$3,550,000**	**$3,600,000**	**$56,605,000**

PUBLIC TRANSIT

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Public Transit
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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	*$6,100,000*	$1,295,878	$0	$0	$0	$0	$0	$1,000,000	$0	$0	$0	$2,295,878
Potomac Yard Metrorail Station	*$500,000*	$1,975,000	$2,525,000	$268,300,000	$0	$0	$0	$0	$0	$0	$0	$272,800,000
WMATA Capital Contributions	*$0*	$6,775,000	$7,380,000	$7,530,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$7,550,000	$74,535,000
ADA - Transportation Facilities	*$20,000*	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$100,000
Bus Shelters and Benches	*$761,250*	$542,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$542,500
DASH Bus Fleet Replacements (Since FY 11)	*$5,161,600*	$4,050,000	$4,450,000	$3,300,000	$7,070,000	$6,360,000	$6,360,000	$3,200,000	$3,200,000	$4,200,000	$4,200,000	$46,390,000
DASH Fleet Expansion	*$1,636,500*	$3,250,000	$0	$0	$3,250,000	$0	$2,600,000	$0	$1,300,000	$0	$0	$10,400,000
Hybrid Bus / Trolley Battery Packs	*$0*	$0	$0	$500,000	$150,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,650,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$600,000
Total, Public Transit	*$18,731,435*	$17,898,378	$14,365,000	$279,640,000	$18,030,000	$14,170,000	$16,670,000	$11,910,000	$12,210,000	$11,910,000	$12,510,000	$409,313,378

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South Eisenhower Metrorail Station – South Entrance

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245907

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	114,937
Cumulative Impact			0	0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	114,937

Basis of Project Cost Estimation: This project has a very preliminary estimate of costs which was initially developed by WMATA and supplemented by other information. The City has a contract currently to develop a final design and cost estimate for the project. A breakdown of estimates costs include: design and project management ($711,000); construction ($4.03 million).

Project Description & Justification

In the spring of 2003, the City of Alexandria approved a small area plan which guides development in the area of the City 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 developments 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 developed 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 Hoffman Company are still finalizing the Memorandum of Understanding (MOU), which must be signed before the project can move to the construction phase.

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 completed, the level of service at the Eisenhower Avenue Metrorail Station will be enhanced by providing pedestrian friendly facilities, while improve transportation infrastructure for more efficient transit operations.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job

External or Internal Adopted Plan or Recommendation

- 2003 East Eisenhower Small Area Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

Maintenance of the pedestrian plaza is budgeted at $15,000 annually beginning in FY 2017. Adjusted annually for inflation.

King Street Metrorail Station Area

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
OCA: 245900

Project Location: 1900 King Street (King Street Metro)
Reporting Area: King Street Metro
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 30 years

King Street Metrorail Station Area													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	8,995,878	*6,700,000*	1,295,878	0	0	0	0	0	1,000,000	0	0	0	2,295,878
Financing Plan													
General Obligation Bonds - TIP	625,000	*0*	0	0	0	0	0	0	625,000	0	0	0	625,000
Cash Capital - TIP	2,775,000	*2,400,000*	0	0	0	0	0	0	375,000	0	0	0	375,000
CMAQ/RSTP	5,050,000	*4,300,000*	750,000	0	0	0	0	0	0	0	0	0	750,000
Urban Funds	545,878	*0*	545,878	0	0	0	0	0	0	0	0	0	545,878
Total Financing Plan	8,995,878	*6,700,000*	1,295,878	0	0	0	0	0	1,000,000	0	0	0	2,295,878
Add. Operating Impact													
Annual Impact			0	15,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000
Cumulative Impact			0	15,000	35,000	55,000	75,000	95,000	115,000	135,000	155,000	175,000	175,000

Basis of Project Cost Estimation: The basis for the cost estimate is the 90% design cost estimate developed in November 2012.

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 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.

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 2013.

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 2020 (funded through the TIP).

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

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

External or Internal Adopted Plan or Recommendation

- Project approved by Transportation Commission March 2012, City Council March 2012, and the Planning Commission May 2012

Details of Changes from Prior Year Approved Plan

An additional $1.295 million in grant funding is applied to this project in FY 2014 to complete required construction funding requirements. Grant funding has already been awarded, FY 2014 formally appropriates those funds to this project

Additional Operating Budget Impact

Operating and maintenance expenses are likely to increase by about $20,000 with the improved lighting, traffic signals, and trees/plantings. Additional operating costs will be funded in the Transportation Improvement Program (TIP) operating budget.

Potomac Yard Metrorail Station

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
OCA: 240142

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	277,139,325	*4,339,325*	1,975,000	2,525,000	268,300,000	0	0	0	0	0	0	0	272,800,000
Financing Plan													
General Obligation Bonds - PY	265,300,000	*0*	0	0	265,300,000	0	0	0	0	0	0	0	265,300,000
PY Special Tax District/Dev. Contributions	9,700,000	*2,200,000*	1,975,000	2,525,000	3,000,000	0	0	0	0	0	0	0	7,500,000
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	277,139,325	*4,339,325*	1,975,000	2,525,000	268,300,000	0	0	0	0	0	0	0	272,800,000
Add. Operating Impact													
Annual Impact			0	0	0	695,000	1,410,850	1,453,176	1,496,771	1,541,674	1,587,924	1,635,562	9,820,956
Cumulative Impact			0	0	0	695,000	2,105,850	3,559,026	5,055,796	6,597,470	8,185,394	9,820,956	9,820,956

Basis of Project Cost Estimation: The cost estimate has been developed by WMATA to reflect typical station design and construction details.

Project Description & Justification

This project provides for studies, planning, and construction of a new Metrorail infill station at Potomac Yard. At this current time, the station is in the Environmental Impact Statement Study (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 the Metrorail Station opens.

The City of Alexandria is the project sponsor of Environmental Impact Statement (EIS) which is 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 2014, with the Federal Transit Administration Record of Decision due in late FY 2014.

Besides a no-build alternative, the EIS process is studying three build alternatives: Alternative A is estimated to cost $194.0 million; Alternative B is estimated to cost $249.0 million; and Alternative D is estimated to costs $459.0 million. The previous 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 costs and plans are being refined as part of the EIS process. 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.
(Continued on next page)

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase value created by City's planning and development process.

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

External or Internal Adopted Plan or Recommendation

- 1999 Potomac Yard Coordinated Development District (CDD)
- 2008 Transportation Master Plan
- 2010 North Potomac Yard Small Area Plan

Details of Changes from Prior Year Approved Plan

Total project funding of $272.8 million remains unchanged pending the selection of the locally preferred alternative. Funding has been moved to FY 2016, which may be the mid-point of construction. Prior year approved plan listed all funding in FY 2015.

Additional Operating Budget Impact – See Next Page

Potomac Yard Metrorail Station (Continued)

Project Description and Justification (Continued)

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.

The financial risk to the City must 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 (which would add $35.0 million to the $240.0 million station cost estimate for a total $275.0 million). 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.

Additional Operating Impact

A new Metrorail station will increase the City's operating subsidy to WMATA by approximately $1.4 million per year. Annual debt service payments are projected to begin in FY 2017 at $12.2 million, increase to $16.5 million in 2021, and to $19.8 million in 2027. 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 and sales tax increment funding from the Commonwealth of Virginia is being sought.

WMATA Capital Contributions

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Office of Management & Budget
OCA: 240028

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	*6,389,945*	*0*	6,775,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	74,535,000
Financing Plan													
Prior City Funding	*6,389,945*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	6,775,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	74,535,000
Total Financing Plan	*6,389,945*	*0*	6,775,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	74,535,000
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

Basis of Project Cost Estimation: Annual capital costs are provided by WMATA, and based on the City's share of capital infrastructure in relationship to all participating jurisdictions.

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 Program (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.

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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Improve City facilities and assets that are appealing and well maintained
  - IO: Increase the public's awareness and the benefit of all their transportation options
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 5 – Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve community's satisfaction with their ability to access and use City services

External or Internal Adopted Plan or Recommendation

- "Metro Matters" and "Beyond Metro Matters" Capital Improvement Programs

Details of Changes from Prior Year Approved Plan

Funding in FY 2014 is reduced by $465,000 from prior year approved plan based on WMATA current capital project implementation rate. Funding in the amount of $7.55 million is added for FY 2023.

Additional Operating Budget Impact

This project funds only the City's share of WMATA capital infrastructure. The annual operating subsidy is budgeted in the Transit operating budget.

Americans with Disabilities (ADA) – Transportation Facilities

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 240094

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

Americans with Disabilities (ADA) - Transportation Facilities													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	*20,500*	*20,000*	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Financing Plan													
Prior City Funding	*0*	*20,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*20,500*	*0*	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Total Financing Plan	*20,500*	*20,000*	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	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

Basis of Project Cost Estimation: The cost estimate is based upon past experience of comparable improvements made throughout the City.

Project Description & Justification

This project provides funding for improved access to public facilities and bus stops throughout the City for persons with disabilities. It becomes increasingly difficult for elderly persons and others with diminished ranges of mobility to negotiate curbs at street intersections without access ramps. Also, the absence of passenger boarding platforms at bus stops makes boarding and alighting from buses difficult and potentially dangerous.

These improvements will bring bus stops within the City up to the Americans with Disabilities Act (ADA) guidelines; provide better access to and from bus stops; and ensure that pedestrian travel for persons who use wheelchairs or other mobility aids have safe access to public facilities and bus stops.

Funding will be used for the installation of passenger loading platforms at bus stop locations, or to modify sidewalks and access ramps at or near bus stop locations. Work in this project sometimes may be done in conjunction with the Bus Stop Shelters and Benches project.

Benefits of this project include ensuring safe access to transit for persons with disabilities, while improving mobility for those persons.

Linking to the City's Strategic Plan

Goal 7 – Caring Community

- LTO: Ensure all in the City are treated fairly and justly
  - IO: Improve the percent of facilities & open spaces meeting accessibility requirements
- LTO: Improve City residents' feeling on how included they are in the community
  - IO: Improve community's satisfaction with their ability to access and use City services
- LTO: Increase visitation to our history, arts, cultural activities and sites
  - IO: Increase the community's use of parks and recreation facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $10,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Bus Shelters and Benches

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 240093

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	1,900,878	*1,358,378*	542,500	0	0	0	0	0	0	0	0	0	542,500
Financing Plan													
Prior City Funding	447,128	*447,128*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	550,000	*27,500*	522,500	0	0	0	0	0	0	0	0	0	522,500
SAFETEA-LU	863,750	*863,750*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	40,000	*20,000*	20,000	0	0	0	0	0	0	0	0	0	20,000
Total Financing Plan	1,900,878	*1,358,378*	542,500	0	0	0	0	0	0	0	0	0	542,500
Add. Operating Impact													
Annual Impact			0	0	80,000	82,400	84,872	87,418	90,041	92,742	95,524	98,390	101,342
Cumulative Impact			0	0	80,000	162,400	247,272	334,690	424,731	517,473	612,997	711,387	711,387

Basis of Project Cost Estimation: The cost estimate has been derived from an ITB for prototypes of the transit shelters issued in 2012.

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.

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 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 FY2013 - FY2015.

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

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

The prior year approved plan had remaining grant funding budgeted in FY 2014 – 2015. All remaining awarded grant funding will now be appropriated in FY 2014.

Additional Operating Budget Impact

Once all new shelters have been installed, the additional annual operating budget impact is expected to be $80,000 annually for regular maintenance and cleaning. This impact is shown beginning in FY 2016.

DASH Bus Fleet Replacements (Since FY 2011)

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Alexandria Transit Company (ATC)
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	63,997,539	*17,607,539*	4,050,000	4,450,000	3,300,000	7,070,000	6,360,000	6,360,000	3,200,000	3,200,000	4,200,000	4,200,000	46,390,000
Financing Plan													
Prior City Funding	139,293	*139,293*	0	0	0	0	0	0	0	0	0	0	0
Prior Grant Funding	17,468,246	*17,468,246*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	31,000,000	*0*	0	2,400,000	1,200,000	4,200,000	4,200,000	4,200,000	3,200,000	3,200,000	4,200,000	4,200,000	31,000,000
CMAQ/RSTP	13,990,000	*0*	2,650,000	2,050,000	2,100,000	2,870,000	2,160,000	2,160,000	0	0	0	0	13,990,000
Urban Funds	1,400,000	*0*	1,400,000	0	0	0	0	0	0	0	0	0	1,400,000
Total Financing Plan	63,997,539	*17,607,539*	4,050,000	4,450,000	3,300,000	7,070,000	6,360,000	6,360,000	3,200,000	3,200,000	4,200,000	4,200,000	46,390,000
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

Basis of Project Cost Estimation: The basis for cost estimate includes the cost of hybrid diesel buses (up to $650,000 per vehicle), clean diesel buses ($450,000), or refurbished buses ($15,000) as aligned using DASH's planned replacement schedule.

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 needed to replace 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 fleet replacement needs. The current City policy is to purchase hybrid buses. If clean diesel buses are purchased, they will 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. Additionally, both the hybrid and clean diesel vehicles meet Eco-City standards. Newer vehicles also have fewer emissions than the older vehicles they are replacing.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Improve City facilities and assets that are appealing and well maintained
  - IO: Increase the public's awareness and the benefit of all their transportation options
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 5 – Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve community's satisfaction with their ability to access and use City services

External or Internal Adopted Plan or Recommendation

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

Details of Changes from Prior Year Approved Plan

Planned City funding in FY 2014 is replaced with Urban Funds. Total capital investment remains the same. Funding in the amount of $4.2 million is added for FY 2023.

Additional Operating Budget Impact

No additional operating expenses required as these vehicles will replace currently operating vehicles. Maintenance costs may be reduced with the addition of newer vehicles into the fleet.

DASH Bus Fleet Expansion

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Alexandria Transit Company (ATC)
OCA: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 12 years

DASH Fleet Expansion													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	14,300,000	*3,900,000*	3,250,000	0	0	3,250,000	0	2,600,000	0	1,300,000	0	0	10,400,000
Financing Plan													
General Obligation Bonds - TIP	1,750,000	*0*	0	0	0	350,000	0	1,400,000	0	0	0	0	1,750,000
Cash Capital - TIP	12,550,000	*3,900,000*	3,250,000	0	0	2,900,000	0	1,200,000	0	1,300,000	0	0	8,650,000
Total Financing Plan	14,300,000	*3,900,000*	3,250,000	0	0	3,250,000	0	2,600,000	0	1,300,000	0	0	10,400,000
Add. Operating Impact													
Annual Impact			383,000	766,000	766,000	1,208,000	1,650,000	1,812,500	1,975,000	2,104,500	2,234,000	2,234,000	15,133,000
Cumulative Impact			383,000	1,149,000	1,915,000	3,123,000	4,773,000	6,585,500	8,560,500	10,665,000	12,899,000	15,133,000	15,133,000

Basis of Project Cost Estimation: The basis for cost estimate includes the cost of hybrid diesel buses (up to $650,000 per vehicle) or clean diesel buses ($450,000) as aligned using DASH's planned expansion schedule.

Project Description & Justification

This project provides for the purchase of expansion 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 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).

Benefits of this project include ensuring fleet expansion needs are met to provide a sustainable transit option for City residents, workers and visitors. Additionally, both the hybrid and clean diesel vehicles meet Eco-City standards.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Improve City facilities and assets that are appealing and well maintained
  - IO: Increase the public's awareness and the benefit of all their transportation options
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 5 – Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve community's satisfaction with their ability to access and use City services

External or Internal Adopted Plan or Recommendation

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

Details of Changes from Prior Year Approved Plan

The prior year approved plan assumed a $4.8 million investment in DASH expansion buses from FY 2015 – 2019. That investment is increased to $10.4 million from FY 2014 – 2021 in the new Capital Improvement Program.

Additional Operating Budget Impact

Additional operating impacts associated with expanded DASH service are captured in the Transportation Improvement Program (TIP) operating budget. The actual additional impact is dependent on the types of expanded routes implemented.

Hybrid Bus and Trolley Battery Pack Replacement

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Alexandria Transit Company (ATC)
OCA: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 5 years

Hybrid Bus / Trolley Battery Packs													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
Project Procurement Budget	*Allocated Balance (02/13)*	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Project Budget	*0*	*0*	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	150,000	1,650,000
Financing Plan													
Cash Capital	*0*	*0*	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	150,000	1,650,000
Total Financing Plan	*0*	*0*	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	150,000	1,650,000
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

Basis of Project Cost Estimation: The cost estimate includes the cost of battery packs ($50,000/per) applied to the scheduled delivery of hybrid vehicles.

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 2016.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $150,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Landmark Transit Station

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Total Expenditure Budget	600,000	*0*	0	0	0	0	0	0	0	0	0	600,000	600,000
Financing Plan													
Cash Capital - TIP	600,000	*0*	0	0	0	0	0	0	0	0	0	600,000	600,000
Total Financing Plan	600,000	*0*	0	0	0	0	0	0	0	0	0	600,000	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

Basis of Project Cost Estimation: The basis for cost estimate is comparable transit centers in the region. A breakdown of costs include planning, design and engineering ($600,000).

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 a 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 very preliminary design concept has been developed. The total cost of the project is estimated at $6.0 million, of which $600,000 is funded in FY 2023 through the Transportation Improvement Program (TIP). The remainder of funding needed from construction is assumed to come from the TIP in the years beyond this ten-year plan.

Once completed, this project will improve multimodal access to transit, while providing more efficient mass transit options in the redeveloped area.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job

External or Internal Adopted Plan or Recommendation

- 2008 Transportation Master Plan
- Landmark/Van Dorn Corridor Plan
- High Capacity Transitway Feasibility Study

Details of Changes from Prior Year Approved Plan

Based on revised growth projections associated with the real estate tax base, TIP revenue forecasts have been reduced. To manage this reduction, planned funding of $5.0 million in FY 2021 – 2022 in the prior year approved plan has been reduced to $600,000 and moved out to FY 2023.

Additional Operating Budget Impact

Any additional operating impact will result as an out-year cost post construction.

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HIGH CAPACITY TRANSIT CORRIDORS

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High Capacity Transit Corridors
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Transportation - High Capacity Transit Corridors												
Route 1 Transitway	*$4,000,000*	$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	$0	$0	$3,000,000	$0	$3,000,000
Transit Corridor "C" Transit Priority	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "C" - Beauregard	*$1,825,000*	$0	$2,500,000	$11,000,000	$11,000,000	$0	$0	$0	$0	$0	$0	$24,500,000
Transit Corridor "B" - Duke Street	*$0*	$0	$0	$0	$0	$0	$500,000	$0	$0	$0	$2,000,000	$2,500,000
Total, High Capacity Transit Corridors	*$6,505,000*	$600,000	$2,500,000	$11,000,000	$11,000,000	$0	$500,000	$0	$0	$3,000,000	$2,000,000	$30,600,000

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Route 1 Transitway

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 240139, 240140, 240141

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	20,772,138	*20,172,138*	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	*3,275,000*	600,000	0	0	0	0	0	0	0	0	0	600,000
Stormater Management Tax	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	4,085,000	*4,085,000*	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	20,772,138	*20,172,138*	600,000	0	0	0	0	0	0	0	0	0	600,000
Add. Operating Impact													
Annual Impact			275,000	2,420,000	2,420,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	8,615,000
Cumulative Impact			275,000	2,695,000	5,115,000	5,615,000	6,115,000	6,615,000	7,115,000	7,615,000	8,115,000	8,615,000	8,615,000

Basis of Project Cost Estimation: The cost estimate includes construction cost estimates for the transitway and stations, existing WMATA contract details for vehicle costs, fare collection equipment prices based on rates paid by NYC for similar machines, and engineering estimates for shelters and other station improvements.

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). Bus Rapid Transit (BRT) 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.

Planning, design, engineering, and environmental analyses have been completed. Construction is currently underway and anticipated to be completed in FY 2014. Of the total $20.8 million project budget – which includes purchase of BRT vehicles - $15.3 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, to the emerging Potomac Yard development and to key employment nodes. Improved lighting along Route 1 and enhanced pedestrian crosswalks across Route 1 will also provide for safer non-motorized travel in the corridor.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase value created by City's planning and development process

External or Internal Adopted Plan or Recommendation

- 2007 Recommendation by the Transportation Commission, Planning Commission, and City Council

Details of Changes from Prior Year Approved Plan

Details of changes from the prior year approved plan are included on the next page.

Additional Operating Budget Impact – Next Page

Route 1 Transitway (Continued)

Details of Changes from Prior Year Approved Plan

This project combines the three previous Capital Improvement Program projects included in the prior year plan into one project: Crystal City/Potomac Yard Transit Corridor; Transit Corridor "A" Widening; and Transit Corridor "A" BRT Rolling Stock. Additional funding in the amount of $600,000 from the Transportation Improvement Program (TIP) is budgeted in FY 2014 for corridor infrastructure off the dedicated transitway, which is not eligible to be completed with State and Federal funding. This additional infrastructure includes fare collection equipment and bus stops/shelters.

Additional Operating Budget Impact

All additional operating impact will be funded through the Transportation Improvement Program (TIP). The current estimate for the annual operating costs for a full year once service is implemented is $2.42 million. In FY 2014, one month of operating costs are budgeted. In FY 2015 – 2026, the operating costs are fully funded by the City. Beginning in FY 2017, the route will be converted to a regional route and costs are assumed to be shared with other WMATA Compact jurisdictions. This will reduced the City's share of operating costs to an estimated $500,000 annually. All cost estimates include annual 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
OCA: 240138

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	4,000,000	*1,000,000*	0	0	0	0	0	0	0	0	3,000,000	0	3,000,000
Financing Plan													
Cash Capital - TIP	4,000,000	*1,000,000*	0	0	0	0	0	0	0	0	3,000,000	0	3,000,000
Total Financing Plan	4,000,000	*1,000,000*	0	0	0	0	0	0	0	0	3,000,000	0	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

Basis of Project Cost Estimation: The cost estimate is based upon a high level cost estimate that was produced as part the Transitway Corridor Feasibility Study. The total project budget to-date represents and planning feasibility study funding; total cost of construction is unknown and will likely exceed $75.0 million. Without significant federal funding for construction, this is not a viable project.

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 over the past year of the 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 not to 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. Utilizing the remaining unallocated balance of $680,000, the City will initiate federally required planning and environmental studies to potentially extend the Crystal City streetcar within the City of Alexandria once the Potomac Yard Metrorail Station location is known. Additional funding to continue work on this project is not budgeted until FY 2022, and is included as part of the Transportation Improvement Program (TIP).

Once the conversion is complete, this project will provide improved access to and 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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase value created by City's planning and development process

External or Internal Adopted Plan or Recommendation

- 2008 Transportation Master Plan
- 2013 Alexandria-Arlington Amended Streetcar Coordination Agreement

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

The project cost estimated is for planning & design. Any additional operating budget impact would be an out-year cost post construction.

Transit Corridor "C" Transit Priority

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 240145

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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

Basis of Project Cost Estimation: Cost estimate is based on the expected material and labor cost. Transit Signal Prioritization cost was based on preliminary estimate. Super Stop cost was based on contractor price to construct bus stop for City project. The breakdown of estimated costs includes project management ($23,450), transit priority ($395,350), Super Stops ($92,800), and queue jumps ($158,400).

Project Description & Justification

This project is fully funded with a 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 other 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.

The planning/feasibility/design/engineering has already been complete and the project is currently in the procurement phase. All project funding is in place.

Once completed, this project will support a multimodal transportation network that supports sustainable land use and provides internal mobility and regional connectivity for Alexandrians.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 5 – Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve community's satisfaction with their ability to access and use City services

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

New project for inclusion in the Capital Improvement Program. Project has been fully funded with a TIGER grant, but will be active in FY 2014.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Transit Corridor "C" - Beauregard

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 240146

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	27,400,000	*2,900,000*	0	2,500,000	11,000,000	11,000,000	0	0	0	0	0	0	24,500,000
Financing Plan													
General Obligation Bonds- TIP	22,375,000	*0*	0	375,000	11,000,000	11,000,000	0	0	0	0	0	0	22,375,000
Cash Capital - TIP	4,125,000	*2,100,000*	0	2,025,000	0	0	0	0	0	0	0	0	2,025,000
CMAQ/RSTP	4,125,000	*0*	0	100,000	0	0	0	0	0	0	0	0	100,000
SAFETEA-LU	800,000	*800,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	27,400,000	*2,900,000*	0	2,500,000	11,000,000	11,000,000	0	0	0	0	0	0	24,500,000
Add. Operating Impact													
Annual Impact			0	0	0	0	1,200,000	2,400,000	2,400,000	500,000	500,000	500,000	7,500,000
Cumulative Impact			0	0	0	0	1,200,000	3,600,000	6,000,000	6,500,000	7,000,000	7,500,000	7,500,000

Basis of Project Cost Estimation: The cost estimate is based upon a detailed preliminary cost estimate that was produced as part the Transitway Corridor Feasibility Study, released in October 2012.

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 Study. 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 streetcar 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.

Funding from the City's Transportation Improvement Program (TIP) will be utilized to support some of the project's total cost. The City will seek New/Small Starts (Federal) funding for 50% of the total cost of the project and anticipates approximately $44.0 million in developer contributions. If all funding were to be secured, construction is estimated to begin FY 2016. 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 Corridor Study by providing increased transit options for locally oriented and through trips emphasizing interjurisdictional coordination.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase value created by City's planning and development process

External or Internal Adopted Plan or Recommendation

- 2008 Transportation Master Plan
- Landmark/Van Dorn Small Area Plan
- 2011 High Capacity Work Group recommendations adopted by City Council
- 2012 Beauregard Small Area Plan

Details of Changes from Prior Year Approved Plan

Planned funding from the prior year approved plan is shifted from FY 2014 – 2016 to 2015 – 2017, and increased from $16.3 million to $24.4 million. Increase funding includes BRT Rolling Stock, previously a separate project in the prior year approved plan.

Additional Operating Budget Impact – Next Page

Transit Corridor "C" – Beauregard (Continued)

Additional Operating Impact

All additional operating impact will be funded through the Transportation Improvement Program (TIP). The current estimate for the annual operating costs for a full year once service is implemented is $2.4 million. In FY 2018, six months of operating costs are budgeted. In FY 2019 – 2020, the operating costs are fully funded by the City. Beginning in FY 2020, the route will be converted to a regional route and costs are assumed to be shared with other WMATA Compact jurisdictions. This will reduced the City's share of operating costs to an estimated $500,000 annually. All cost estimates include annual 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
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	2,500,000	*0*	0	0	0	0	0	500,000	0	0	0	2,000,000	2,500,000
Financing Plan													
Cash Capital - TIP	2,000,000	*0*	0	0	0	0	0	0	0	0	0	2,000,000	2,000,000
CMAQ/RSTP	500,000	*0*	0	0	0	0	0	500,000	0	0	0	0	500,000
Total Financing Plan	2,500,000	*0*	0	0	0	0	0	500,000	0	0	0	2,000,000	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

Basis of Project Cost Estimation: The cost estimate is based upon a detailed preliminary cost estimate that was produced as part the Transitway Corridor Feasibility Study, released in October 2012.

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 and peak 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. Funding from the Transportation Improvement Program (TIP) is budgeted in FY 2023 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 developed 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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase value created by City's planning and development process

External or Internal Adopted Plan or Recommendation

- 2008 Transportation Master Plan
- 2011 High Capacity Work Group recommendations adopted by City Council

Details of Changes from Prior Year Approved Plan

CMAQ/RSTP funding for initial planning and feasibility studies is budgeted in FY 2019. Prior year planned funding in FY 2022 has been shifted to FY 2023, and increased from $700,000 to $2.0 million.

Additional Operating Budget Impact

An impact to the annual operating budget is not anticipated in the next ten years. Operating costs will be developed once the entire scope of work is defined.

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NON-MOTORIZED TRANSPORTATION

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Non-Motorized Transportation
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Transportation - Non-Motorized Transportation												
Access to Transit	*$1,648,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Bicycle Master Plan Update	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$0	$25,000	$225,000	$0	$100,000	$0	$0	$0	$0	$350,000
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare	*$400,000*	$600,000	$300,000	$300,000	$0	$270,000	$0	$225,000	$0	$300,000	$0	$1,995,000
Complete Streets	*$1,133,088*	$0	$670,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$7,870,000
Edsall and South Pickett Pedestrian Imprv.	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Greenway	*$5,334,800*	$1,317,602	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,317,602
Mt. Vernon Trail @ East Abingdon	*$50,000*	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Safe Routes to Schools	*$0*	$275,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,000
Shared-Use Paths	*$118,000*	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$118,000	$1,180,000
Wilkes Street Bikeway	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total, Non-Motorized Transportation	*$9,193,888*	$3,260,602	$2,088,000	$4,343,000	$1,443,000	$4,288,000	$1,118,000	$1,243,000	$1,018,000	$1,318,000	$1,018,000	$21,137,602

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Access to Transit

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245292

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,988,000	*1,988,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	248,000	*248,000*	0	0	0	0	0	0	0	0	0	0	0
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	1,988,000	*1,988,000*	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

Basis of Project Cost Estimation: Cost estimate based on industry standards as well as costs for similar projects designed and constructed in the City. A total of $300,000 is estimated for planning, design and engineering and $1,688,000 for improvements.

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 $248,000 City match has been budgeted for this project.

The first grant 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, King Street and Russell Road. Preliminary engineering began in 2011 on this project. A survey has been completed, and consultants are currently working on a 30% design. Construction is not expected to begin until FY 2015.

A second grant, $750,000 in CMAQ/RSTP with no City match will fund mobility improvements to Duke Street near the western city limits from Landmark Plaza to the Landmark Mall transit station. Preliminary engineering for this project began in 2012. A scope for a detailed design is currently under review. 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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
  - IO: Increase resident use of non-motorized transportation options

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated. Routine maintenance of sidewalks will be absorbed within the T&ES annual operating budget.

Edsall and South Pickett Street Improvements

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245293

Project Location: Intersection of Edsall Rd & S. Pickett St.
Reporting Area: Landmark/Van Dorn
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Edsall and South Pickett Pedestrian Improvements													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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

Basis of Project Cost Estimation: Cost estimate based on previous intersection improvements completed in the City. A total of $20,000 is estimated for planning, design and engineering and $100,000 for improvements.

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. Pedestrian crashes have occurred at this intersection which is proximate to the Samuel Tucker Elementary School.

This project began in 2012 and is currently in preliminary engineering phase. It is estimated that this project will go out to bid in fall 2013, with construction estimated to begin late FY 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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated. Any additional costs will be absorbed within the Complete Streets operating budget.

Wilkes Street Bikeway

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245294

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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

Basis of Project Cost Estimation: Cost estimate based on industry standard for similar projects. A total of $30,000 is estimated for planning, design and engineering and $150,000 for improvements.

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 lanes, bicycle intersection safety features, wayfinding signage, curb ramp improvements, and crosswalk markings.

This project began in 2012 and is currently in preliminary engineering phase. It is estimated that this project will go out to bid in fall 2013, with construction estimated to begin late FY 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 safety for bicyclists, and safe access to transit and other facilities.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

Future impacts to the operating budget include periodic re-striping and re-surfacing.

BRAC Neighborhood Protection Plan

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 235391

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Basis of Project Cost Estimation: Cost estimates based on prior experience with implementing similar measures in other areas of the city.

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. Follow-up counts will be conducted in the fall of 2013 to quantify the effects on the neighborhood roadways and prioritize physical neighborhood protection measures, such as speed humps or mini-roundabouts. Of the sixteen identified roadway sections, it is anticipated that up to ten of these roadway sections may see quantifiable increases in traffic and would be eligible for physical improvements through the proposed Neighborhood Protection Plan. Staff and VDOT have been meeting monthly sine BRAC-133 became occupied to review traffic impacts. At this point, traffic impacts have not been as negative as some 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-thru traffic on residential streets may provide improved safety to all residents.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Safe Routes to Schools

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

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	275,000	*0*	275,000	0	0	0	0	0	0	0	0	0	275,000
Financing Plan													
Federal Safe Routes to School	275,000	*0*	275,000	0	0	0	0	0	0	0	0	0	275,000
Total Financing Plan	275,000	*0*	275,000	0	0	0	0	0	0	0	0	0	275,000
Add. Operating Impact													
Annual Impact			0	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	40,636
Cumulative Impact			0	4,000	8,120	12,364	16,735	21,237	25,874	30,650	35,569	40,636	40,636

Basis of Project Cost Estimation: Cost estimate based on existing contract unit prices.

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, Ramsey 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 grades kindergarten through eighth grade. The project is funded through a $275,000 grant that the City received from the Virginia Department of Transportation. No city match is 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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program, and is fully grant funded.

Additional Operating Budget Impact

Additional operating impacts include $500 per intersection for ongoing maintenance and electricity.

Holmes Run Greenway

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 210750

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	6,582,602	*5,265,000*	1,317,602	0	0	0	0	0	0	0	0	0	1,317,602
Financing Plan													
Cash Capital - TIP	3,550,000	*3,550,000*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	1,715,000	*1,715,000*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	1,317,602	*0*	1,317,602	0	0	0	0	0	0	0	0	0	1,317,602
Total Financing Plan	6,582,602	*5,265,000*	1,317,602	0	0	0	0	0	0	0	0	0	1,317,602
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

Basis of Project Cost Estimation: Consultant performing the study provided cost estimates based on industry standards.

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.

Staff is currently in the study portion of the project, and has received conceptual drawings. The planning process is expected to be completed in summer 2013. Construction is expected to begin 12-18 months after the final concept development is complete.

The total project cost of the Holmes Run Bike Trail is approximately $6.582 million, and it fully funded. A total of $3.032 million in VDOT grant funding will be supplemented with $3.55 million in City funds from the City's Transportation Improvement Program (TIP).

Holmes Run Greenway is necessary in supporting a multimodal transportation environment, and providing 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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan
- 2012 Holmes Run Bike Trail Study
- 2012 Beauregard Small Area Plan

Details of Changes from Prior Year Approved Plan

All funding for the project has been received. FY 2014 formally appropriates the remainder of grant funding awarded to the Cit

Additional Operating Budget Impact

Future impacts to the operating budget include periodic re-striping and re-surfacing. Additional operating costs are accounted for in the Transportation Improvement Program (TIP) operating budget under trails maintenance.

Mount Vernon Trail at East Abingdon Road

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 210760

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	750,000	*300,000*	450,000	0	0	0	0	0	0	0	0	0	450,000
Financing Plan													
CMAQ/RSTP	500,000	*50,000*	450,000	0	0	0	0	0	0	0	0	0	450,000
SAFETEA-LU	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	750,000	*300,000*	450,000	0	0	0	0	0	0	0	0	0	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

Basis of Project Cost Estimation: Cost estimates based on industry standards. The breakdown of cost estimates include engineering and design ($100,000) and construction ($650,000).

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.

Preliminary engineering for this project began in 2011. A property survey has been completed, and the next step will be to move the project to the 30% design phase. 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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

Future impacts to the operating budget include periodic re-striping and re-surfacing, and expected to have a minimal impact on the operating budget.

Capital Bikeshare

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

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	2,795,000	*800,000*	600,000	300,000	300,000	0	270,000	0	225,000	0	300,000	0	1,995,000
Financing Plan													
Cash Capital - TIP	1,275,000	*0*	450,000	0	300,000	0	0	0	225,000	0	300,000	0	1,275,000
CMAQ/RSTP	1,470,000	*948,341*	100,000	300,000	0	0	270,000	0	0	0	0	0	670,000
Private Capital Contributions	50,000	*0*	50,000	0	0	0	0	0	0	0	0	0	50,000
Total Financing Plan	2,943,341	*948,341*	600,000	300,000	300,000	0	270,000	0	225,000	0	300,000	0	1,995,000
Add. Operating Impact													
Annual Impact			0	135,000	105,000	75,000	0	0	0	0	0	0	315,000
Cumulative Impact			0	135,000	240,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000

Basis of Project Cost Estimation: Cost estimate based on negotiated vendor contract.

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 as the largest bike share program in the U.S. 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 Carlyle and Del Ray over the next several years through a combination of funding sources include CMAQ/RSTP funding, private (development) capital contributions, and Transportation Improvement Program (TIP) funding.

Planning level work and public outreach was completed in 2011 to identify the eight preliminary locations for bike share stations in Old Town, as well as gain public input on future station locations. In 2013, work to identify station locations beyond the initial eight stations will be completed. Station locations were presented to City Council in October 2011 and June 2012. Public input also sought on station locations at public meetings and on the internet. Capital costs for stations and bicycles range depending on size of station and number of docks. Funding covers cost of stations and bicycles.

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 families. It will encourage more transit use, thereby helping to reduce carbon emissions and improving health.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

The prior year approved plan included $860,000 in CMAQ/RSTP funding for Capital Bikeshare in FY 2014-2018. Changes include CMAQ/RSTP funding reduced to $670,000 based on approved CAMQ/RSTP funding; $50,000 in private (development) capital contributions; and $1.275 million in Transportation Improvement Program (TIP) funding.

Additional Operating Budget Impact

Program revenues estimated to cover 100% of operating costs within 2-3 years after FY 2014 implementation. Additional operating impact shown is for expanded operations, and will be funded from the Transportation Improvement Program (TIP) operating budget.

Bicycle Master Plan Update

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

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

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	500,000	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Financing Plan													
Cash Capital - TIP	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

Basis of Project Cost Estimation: Cost estimate based on similar plan costs.

Project Description & Justification

This project provides funding for a comprehensive update to the 2008 Pedestrian and Bicycle Mobility Plan to provide additional guidance on future bicycle facilities. Specific aspects of the plan will include a detailed network of on-street bicycle facilities, Capital Bikeshare plans for Alexandria, the relationship between the City's Complete Streets Program and bicycle planning, 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 is funded through the Transportation Improvement Program (TIP).

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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

New project in the Capital Improvement Program. Funded through the Transportation Improvement Program (TIP).

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Complete Streets

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

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

Complete Streets													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*456,533*	*1,133,088*	0	670,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	7,870,000
Financing Plan													
Prior City Funding	456,533	*1,133,088*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	*0*	0	536,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	5,936,000
Cash Capital	0	*0*	0	134,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	1,934,000
Total Financing Plan	456,533	*1,133,088*	0	670,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	7,870,000
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

Basis of Project Cost Estimation: Cost estimate based on previous projects constructed.

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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

Planned funding in FY 2014 has been eliminated, as a $1.6 million allocated and unallocated project balance is available for Complete Streets projects. Funding in FY 2015 – 2022 combines funds previously budgeted as part of the eliminated Non-Motorized (Safety) project. Funding in the amount of $900,000 is added for FY 2023.

Additional Operating Budget Impact

There is a minimal impact to the operating budget to maintain new multi-modal facilities.

Shared-Use Paths

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities
OCA: 215541

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

Shared-Use Paths													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*0*	*118,000*	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	1,180,000
Financing Plan													
Prior City Funding	*0*	*118,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	1,180,000
Total Financing Plan	*0*	*118,000*	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	118,000	1,180,000
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

Basis of Project Cost Estimation: Cost estimate is based on past trail work and the need to do additional trail assessments and to address pedestrian safety.

Project Description & Justification

This project provides annual funding for capital infrastructure improvements of off-street shared-use paths for pedestrians and bicyclists. Funds are used for maintenance to replace and upgrade asphalt trails. Shared-use paths are considered integral to both the City's transportation and park networks.

As part of the City's ongoing effort to encourage walking and bicycling while managing transportation demand, this provides funding for critical infrastructure to support non-motorized transportation.

Enhancing the City's shared-use paths is necessary in supporting a multi-modal environment, and providing local and regional connectivity. Shared use paths will encourage more walking, biking, and transit use thereby helping to reduce carbon emissions and improving health.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

Funding in the amount of $118,000 is added for FY 2023.

Additional Operating Budget Impact

This project requires on-going operating support through T&ES and RCPA, and is funded through their annual operating budgets.

Bicycle Parking at Major Transit Stops

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	350,000	*0*	0	0	25,000	225,000	0	100,000	0	0	0	0	350,000
Financing Plan													
CMAQ/RSTP	350,000	*0*	0	0	25,000	225,000	0	100,000	0	0	0	0	350,000
Total Financing Plan	350,000	*0*	0	0	25,000	225,000	0	100,000	0	0	0	0	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

Basis of Project Cost Estimation: Cost estimate based on previous parking installations in the City. A breakdown of estimated costs includes design ($25,000) and equipment and installation ($325,000).

Project Description & Justification

Bicycle commuting has risen dramatically in Alexandria since 2005, in part due improved 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 paking 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.

This project is fully funded with CMAQ/RSTP funds in FY 2016 – 2017 ($250,000) and FY 2019 ($100,000).

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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

Funding planned for FY 2015 – 2016 is shifted to FY 2016 – 2017 based on approved CMAQ/RSTP funding. An additional $100,000 in CMAQ/RSTP funding has been approved for FY 2019.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Braddock Road Multimodal Connections

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	500,000	*0*	0	500,000	0	0	0	0	0	0	0	0	500,000
Financing Plan													
CMAQ/RSTP	500,000	*0*	0	500,000	0	0	0	0	0	0	0	0	500,000
Total Financing Plan	500,000	*0*	0	500,000	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

Basis of Project Cost Estimation: Cost estimate based on similar design for pedestrian tunnel projects.

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 right-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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan
- Consistent with the Braddock Metro Neighborhood Plan

Details of Changes from Prior Year Approved Plan

Total project funding reduced from $1.15 million from FY 2015 – 2016 to $500,000 in FY 2015 based on approved CMAQ/RSTP funding from VDOT.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated for the study portion of this project.

Old Cameron Run Trail

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

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	3,500,000	*0*	0	500,000	3,000,000	0	0	0	0	0	0	0	3,500,000
Financing Plan													
General Obligation Bonds - TIP	2,200,000	*0*	0	0	2,200,000	0	0	0	0	0	0	0	2,200,000
Cash Capital - TIP	1,300,000	*0*	0	500,000	800,000	0	0	0	0	0	0	0	1,300,000
CMAQ/RSTP	1,300,000	*210,000*	0	0	0	0	0	0	0	0	0	0	0
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			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Basis of Project Cost Estimation: Cost estimate based on industry standards. A breakdown of estimated costs includes project study ($210,000), engineering design ($500,000), and construction ($3 million).

Project Description & Justification

This project will construct a shared-use path between Eisenhower Avenue near Telegraph Road to on-oad 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 2014. Planning, design, engineering and construction funding is planned for FY2015 – 2016. Right-of-way and coordination with adjacent development will be required before construction can begin. Except for the CMAQ/RSTP funding already received, this project is fully funded through the Transportation Improvement Program (TIP).

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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Improve residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

Future impacts to the operating budget include periodic re-striping and re-surfacing. Additional operating costs are accounted for in the Transportation Improvement Program (TIP) operating budget under trails maintenance.

Backlick Run Multi-Use Paths

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	3,200,000	*0*	0	0	0	200,000	3,000,000	0	0	0	0	0	3,200,000
Financing Plan													
General Obligation Bonds - TIP	1,050,000	*0*	0	0	0	0	1,050,000	0	0	0	0	0	1,050,000
Cash Capital - TIP	2,150,000	*0*	0	0	0	200,000	1,950,000	0	0	0	0	0	2,150,000
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

Basis of Project Cost Estimation: Cost estimate based on industry standards.

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 2017 – 2018. The project is fully funded through the Transportation Improvement Program (TIP).

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.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 2 – Health & Environment

- LTO: Increase residents' general health status
- LTO: Improve air quality within the City
  - IO: Increase resident use of non-motorized transportation options

Goal 1 – Economic Development

- LTO: Increase livability of residential neighborhoods
  - IO: Maintain high quality of life in neighborhoods not planned for growth

External or Internal Adopted Plan or Recommendation

- Consistent with the 2008 City Transportation Master Plan and the 2008 City Pedestrian and Bicycle and Mobility Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

Future impacts to the operating budget include periodic re-striping and re-surfacing. Additional operating costs are accounted for in the Transportation Improvement Program (TIP) operating budget under trails maintenance.

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STREETS AND BRIDGES

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Streets & Bridges
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Transportation - Streets & Bridges												
King & Beauregard Intersection	*$8,253,262*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Widening	*$6,228,816*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King/Quaker Lane/Braddock Rd. Inter.	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Seminary Rd. at Beauregard Ellipse	*$0*	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$325,000
Street Reconstruction & Resurfacing of Major Roads	*$0*	$1,375,000	$2,750,000	$3,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$4,750,000	$41,125,000
Bridge Repairs	*$1,100,000*	$0	$700,000	$300,000	$1,200,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$5,200,000
Street/Alley Reconstructions & Extensions	*$475,024*	$300,000	$600,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$800,000	$7,300,000
Mt. Vernon Ave/Russell Road Intersection	*$0*	$0	$100,000	$900,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Madison & Montgomery Reconstruction	*$0*	$0	$0	$1,000,000	$5,750,000	$0	$0	$0	$0	$0	$0	$6,750,000
Duke Street Complete Streets	*$0*	$0	$0	$0	$0	$0	$0	$210,000	$2,100,000	$0	$0	$2,310,000
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$500,000
Total, Streets & Bridges	*$21,905,102*	$2,000,000	$4,150,000	$6,750,000	$12,500,000	$5,850,000	$6,250,000	$6,060,000	$8,350,000	$5,850,000	$7,250,000	$65,010,000

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King and Beauregard Intersection

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245209

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	15,002,862	*15,002,862*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	538,862	*538,862*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	14,464,000	*14,464,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	15,002,862	*15,002,862*	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	114,937
Cumulative Impact			0	0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	114,937

Basis of Project Cost Estimation: Cost estimate is based on design/engineering plans designed by Volkert & Associates.

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.

The project is in the final design phase. All land acquisition has been completed, and utility relocation is underway. Construction on this project scheduled to begin in the spring 2014, with an estimated completion date of spring 2016.

This project has been fully funded, with $14.5 million of the total $15.0 million project cost paid for with Federal/State Urban 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- City Council Resolution #2387-3-09-10, March 9,2010

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

The initial operating impacts of this project will be approximately $15,000 beginning in FY 2017 for traffic signals, lights, stormwater best management practices (BMPs) and trees beginning in FY 2017. FY 2018 – 2023 adjusted annually for inflation.

Eisenhower Avenue Widening

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245699

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 Widening													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	8,071,829	*8,071,829*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	534,000	*534,000*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	7,500,000	*7,500,000*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	37,829	*37,829*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	8,071,829	*8,071,829*	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	114,937
Cumulative Impact			0	0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	114,937

Basis of Project Cost Estimation: Cost estimate is based on detailed design/engineering plans designed by A. Morton Thomas. Breakdown of cost estimate includes preliminary engineering ($1.8 million), right-of-way cost ($1.4 million) and construction ($4.8 million).

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, with design approval from City Council required. Issues that may arise before construction can begin are acquiring right-of-ways and relocating utilities. The project is scheduled to go to construction in the spring of 2014.

This project has been fully funded, with $7.5 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- 2003 Eisenhower East Small Area Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

The initial operating impacts of this project will be approximately $15,000 beginning in FY 2017 for traffic signals, lights, stormwater best management practices (BMPs) and trees beginning in FY 2017. FY 2018 – 2023 adjusted annually for inflation.

King Street / Quaker Lane / Braddock Road Intersection

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245575

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	6,598,000	*6,598,000*	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	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	114,937
Cumulative Impact			0	0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	114,937

Basis of Project Cost Estimation: Cost estimate is based on consultant's preliminary estimate based on limited information.

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.

This project is currently in the conceptual phase. This project will be proceeding to the 30% design phase in late-calendar year 2013. Issues that may arise before construction can begin include acquiring right-of-ways and relocating utilities. Construction is tentatively scheduled to begin in the winter of 2015. This project is primarily funded through the Transportation Improvement Program (TIP).

This project implements recommendations from a 2009 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- 2009 Study – Route 7 Spot Improvement Study

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

The initial operating impacts of this project will be approximately $15,000 beginning in FY 2017 for traffic signals, lights, stormwater best management practices (BMPs) and trees beginning in FY 2017. FY 2018 – 2023 adjusted annually for inflation.

Seminary Road at Beauregard Street Ellipse

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
OCA: TBD

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 Ellipse													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	0	*0*	325,000	0	0	0	0	0	0	0	0	0	325,000
Financing Plan													
Reprogrammed TIP Balances	325,000	*0*	325,000	0	0	0	0	0	0	0	0	0	325,000
Total Financing Plan	325,000	*0*	325,000	0	0	0	0	0	0	0	0	0	325,000
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

Basis of Project Cost Estimation: Funding for initial planning and design only. Estimated cost of $35.0 million for construction; funding for construction not yet finalized.

Project Description & Justification

The intersection of Beauregard Street and Seminary Road is proposed to be reconfigured in the form of an unconventional 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. Prior year reprogrammed Transportation Improvement Program (TIP) balances will be utilized in FY 2014 to continue initial design and engineering work. 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 based on the 30% engineered plan (prepared by the first developer adjacent to the ellipse to request a DSUP). Funding (currently estimated at $35.0 million) for full project design and engineering and construction is not planned until FY 2018 – 2020, and would be100% funded 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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase the value created by the City's planning and development process

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when traveling

External or Internal Adopted Plan or Recommendation

- 2012 Beauregard Small Area Plan

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Street Reconstruction and Resurfacing of Major Roads

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

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*0*	*0*	1,375,000	2,750,000	3,750,000	4,750,000	4,750,000	4,750,000	4,750,000	4,750,000	4,750,000	4,750,000	41,125,000
Financing Plan													
General Obligation Bonds	*0*	*0*	0	0	0	2,375,000	2,375,000	2,375,000	2,375,000	2,375,000	2,375,000	2,375,000	16,625,000
Cash Capital	*0*	*0*	1,375,000	1,375,000	1,875,000	0	0	0	0	0	0	0	4,625,000
State Revenue Sharing	*0*	*0*	0	1,375,000	1,875,000	2,375,000	2,375,000	2,375,000	2,375,000	2,375,000	2,375,000	2,375,000	19,875,000
Total Financing Plan	*0*	*0*	1,375,000	2,750,000	3,750,000	4,750,000	4,750,000	4,750,000	4,750,000	4,750,000	4,750,000	4,750,000	41,125,000
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

Basis of Project Cost Estimation: Planning level estimates are developed using, as a basis, direct costs from recent reconstruction or resurfacing projects as well as factoring in roadway measurements taken for each specific project.

Project Description & Justification

The City of Alexandria maintains and manages more than 521 lane miles of paved streets to ensure the safe and efficient movement of people, goods and services. In the FY 2013 budget City Council approved funding for T&ES to complete an updated pavement management inventory which is scheduled to be completed in mid-2013. Once completed, the information gathered will be used to rank and prioritize the resurfacing of City streets and produce a multi-year resurfacing plan. T&ES expects to present the findings of this effort to City Council when they are available which is currently estimated to be by the end of FY 2013. A list of proposed resurfacing projects planned for FY 2014 can be found on the next page.

Beginning in FY 2014, the City is shifting $1.375 million in operating budget funds for major street resurfacing projects to the Capital Improvement Program on an annual basis. In addition, 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. For the first time in FY 2014, VDOT is allowing street resurfacing projects to be considered for inclusion in the ongoing grant program along with street reconstruction projects. 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.

By FY 2015, staff intends to ultimately consolidate the City's entire pavement management program (alley reconstruction/resurfacing and street resurfacing/reconstruction) into one CIP project that will reflect a multiyear pavement management program and capitalize on the VDOT program. The Street & Alley Reconstruction project is currently separate due to the need to recognize planned projects and necessary alley maintenance. Routine and day-to-day maintenance such as minor patching and pothole repair will remain in the City's operating budget.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- Pavement Management Inventory (to be updated in 2013)

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program. Street resurfacing funding in the amount of $1.375 million is transferred from the operating budget. In FY 2016, planned funding for major street reconstructions (a separate project in prior year approved plans) is added to this project. A 1:1 match with local dollars and State Revenue Sharing funds is programmed annually beginning FY 2015. VDOT approves State Revenue Sharing on an annual basis.

Additional Operating Budget Impact

This project is not anticipated to have an additional impact on the operating budget. Completion of future projects is likely to have a positive impact on the operating budget, by addressed deferred maintenance needs. Routine street maintenance including pothole repair is included as part of the annual operating budget.

*List of Proposed FY 2014 Resurfacing Projects

Fiscal Year 2014	
Description	Amount
4000 to 4500 West Braddock Road	$ 275,000
900 to 1400 Janney's Lane	$ 254,000
Unit Block to North Quaker Lane	$ 148,000
600 to 900 South Van Dorn Street	$ 206,000
600 to 900 North Pitt Street	$ 110,000
5900 to 6300 Stevenson Avenue	$ 201,000
5900 to 6000 Quantrell Avenue	$ 79,000
1300 to 1900 North Quaker Lane	$ 102,000
Total Fiscal Year 2014	$ 1,375,000

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

Bridge Repairs

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245704

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*1,343,632*	*1,100,000*	0	700,000	300,000	1,200,000	300,000	700,000	300,000	700,000	300,000	700,000	5,200,000
Financing Plan													
Prior City Funding	*1,343,632*	*1,100,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	0	525,000	225,000	900,000	225,000	525,000	225,000	525,000	225,000	525,000	3,900,000
Cash Capital	*0*	*0*	0	175,000	75,000	300,000	75,000	175,000	75,000	175,000	75,000	175,000	1,300,000
Total Financing Plan	*1,343,632*	*1,100,000*	0	700,000	300,000	1,200,000	300,000	700,000	300,000	700,000	300,000	700,000	5,200,000
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

Basis of Project Cost Estimation: Cost estimate is based on similar projects.

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 2013 and continuing in FY 2014, utilizing an existing allocated and unallocated project balance of $2.44 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Planned FY 2014 is eliminated, as $2.44 million in prior year balances are available for bridge repair projects. From FY 2015 – 2022, an additional $1.4 million in funding is added to the prior year approved plan funding of $2.4 million. Funding in the amount of $700,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Street and Alley Reconstructions and Extensions

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 245357

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

Street / Alley Reconstructions & Extensions													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*699,924*	*475,024*	300,000	600,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	7,300,000
Financing Plan													
Prior City Funding	*699,924*	*475,024*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	225,000	225,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,850,000
Cash Capital	*0*	*0*	75,000	75,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	950,000
State Revenue Sharing	*0*	*0*	0	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,500,000
Total Financing Plan	*699,924*	*475,024*	300,000	600,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	7,300,000
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

Basis of Project Cost Estimation: Cost estimate is based on similar projects.

Project Description & Justification

This project supports miscellaneous street reconstruction and streetscaping projects throughout the City in addition to rehabilitation of public alleys City-wide. These are smaller scale projects than those projects detailed in the Street Reconstruction and Resurfacing of Major Roads, and only involve reconstructions or extensions.

The City recently implemented a pavement management program which will evaluate the needs for future reconstruction and rehabilitation projects. The data in the program will have to be updated once every three to five years by a consultant and will likely be updated mid-calendar year 2013. Roadways which are rated lower than fair condition will be considered for the reconstruction list if other maintenance options are not viable.

Projects planned in FY 2013 and FY 2014 with prior year and current funding include: King Street from Daingerfield Street to Upland Place and Duke Street Reconstruction from Van Dorn Street to South Walker Street. Eisenhower Avenue between South Van Dorn Street and Clermont Avenue will be under design, and full completion of the Eisenhower Avenue project is contingent on receiving State Revenue Sharing funds from VDOT in FY2015. State Revenue Sharing funds are programmed annually beginning FY 2015, and are contingent on annual approval by the Virginia Department of Transportation (VDOT).

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Beginning in FY 2015, State Revenue Sharing funds are programmed to provide the opportunity to leverage additional non-City (grant) funding for these reconstructions and extensions. State Revenue sharing is applied for on an annual basis. Funding the amount of $700,000 is added for FY 2023 (50% City – 50% State Revenue Sharing)

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Mt. Vernon Avenue / Russell Road Intersection

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,000,000	*0*	0	100,000	900,000	0	0	0	0	0	0	0	1,000,000
Financing Plan													
Cash Capital - TIP	1,000,000	*0*		100,000	900,000	0	0	0	0	0	0	0	1,000,000
Total Financing Plan	1,000,000	*0*	0	100,000	900,000	0	0	0	0	0	0	0	1,000,000
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

Basis of Project Cost Estimation: Cost estimate is based on similar projects constructed recently in the City.

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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- 2003 Arlandria Small Area Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

An impact on the annual 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): N/A
Project Category: 2 – Renovations/Existing Assets
OCA: 245408
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	7,400,000	*650,000*	0	0	1,000,000	5,750,000	0	0	0	0	0	0	6,750,000
Financing Plan													
Prior City Funding	650,000	*650,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	5,750,000	*0*	0	0	0	5,750,000	0	0	0	0	0	0	5,750,000
Cash Capital	1,000,000	*0*	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
Total Financing Plan	7,400,000	*650,000*	0	0	1,000,000	5,750,000	0	0	0	0	0	0	6,750,000
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

Basis of Project Cost Estimation: Design consultant developed estimate based on the concept plan. Cost estimate is a rough estimate, and will be refined once the final design is selected.

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 2016, 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding was budgeted over FY 2016 – 2018 in the prior year approved plan. All construction funding has been moved to FY 2017 to coincide with the estimated time frame for executing construction documents.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Duke Street Complete Streets

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

Project Location: Duke St. between Wheeler Ave. & Jordan St.
Reporting Area: Seminary Hill/ Strawberry Hill
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Duke Street Complete Streets													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	2,310,000	*0*	0	0	0	0	0	0	210,000	2,100,000	0	0	2,310,000
Financing Plan													
Cash Capital - TIP	2,310,000	*0*	0	0	0	0	0	0	210,000	2,100,000	0	0	2,310,000
Total Financing Plan	2,310,000	*0*	0	0	0	0	0	0	210,000	2,100,000	0	0	2,310,000
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
Basis of Project Cost Estimation:													

Project Description & Justification

This project includes the construction of a fifth lane (center turn lane) along Duke Street from Wheeler Avenue to Jordan Street and associated pedestrian improvements. The fifth lane will accommodate safe left turns to adjacent residences and businesses along Duke Street during the non-peak periods, and be a reversible lane during the peak periods.

In 2012, the Transitway Corridor Feasibility Study recommended that the center lane operate as a reversible lane during peak periods, in order to allow for a dedicated transit lane (in the peak direction) during the peak period, while still maintaining two general purpose lanes in each direction. The dedicated transit lanes are required to facilitate high capacity transit along Duke Street (Corridor B). The 2008 Transportation Master Plan recommends a multi-modal transportation system, including the completion of a transitway along Duke Street to improve transit service, efficiency, connectivity and reliability.

A conceptual design was prepared for the reversible lane and other improvements needed for the Corridor "B" transitway, as part of the Transitway Corridor Feasibility Study, completed in 2012. Project funding is not scheduled to begin until FY 2020, and is funded by the Transportation Improvement Program (TIP).

Once completed, the project will improve east-west mobility within Alexandria. The improvement is necessary to support future traffic and access to businesses along Duke Street (during off-peak), and to accommodate a future dedicated transitway (during peak). The improvements will also improve access for emergency services through an area that is currently congested.

Linking to the City's Strategic Plan

Goal 3 – Transportation

- LTO: Increase the use of non-single occupancy vehicle modes of transportation
  - IO: Increase the public's awareness and benefit of all of their transportation options
  - IO: Improve City facilities and assets that are appealing and well maintained
- LTO: Increase the proximity of goods and services to residents
  - IO: Increase multi-modal transportation infrastructure

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when traveling

External or Internal Adopted Plan or Recommendation

- 2008 City Transportation Master Plan
- 2012 Transitway Corridor Feasibility Study

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

An impact on the annual 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

OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	500,000	*0*	0	0	0	0	0	0	0	0	0	500,000	500,000
Financing Plan													
Cash Capital - TIP	500,000	*0*	0	0	0	0	0	0	0	0	0	500,000	500,000
Total Financing Plan	500,000	*0*	0	0	0	0	0	0	0	0	0	500,000	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

Basis of Project Cost Estimation: Cost estimate is based on staff experience with similar projects. Estimate is initial project design.

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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase the value created by the City's planning and development process

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when traveling

External or Internal Adopted Plan or Recommendation

- 2009 Landmark / Van Dorn Corridor Plan

Details of Changes from Prior Year Approved Plan

Initial planning and design funding scheduled for FY 2022 in the prior year approved plan is moved back to FY 2023.

Additional Operating Budget Impact

Any additional operating impact will result post construction as an out-year cost.

Van Dorn Multimodal Bridge

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	500,000	*0*	0	0	0	0	0	0	0	0	0	500,000	500,000
Financing Plan													
Cash Capital - TIP	500,000	*0*	0	0	0	0	0	0	0	0	0	500,000	500,000
Total Financing Plan	500,000	*0*	0	0	0	0	0	0	0	0	0	500,000	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

Basis of Project Cost Estimation: Cost estimate is based on staff experience with similar projects. Estimate is initial project design.

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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase the City's commercial and residential tax bases
  - IO: Improve the proximity of services and amenities to residents to within 10 minutes of home/job
  - IO: Increase the value created by the City's planning and development process

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when travelling

External or Internal Adopted Plan or Recommendation

- 2009 Landmark / Van Dorn Corridor Plan

Details of Changes from Prior Year Approved Plan

Initial planning and design funding scheduled for FY 2022 in the prior year approved plan is moved back to FY 2023.

Additional Operating Budget Impact

Any additional operating impact will result post construction as an out-year cost.

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FIXED TRANSPORTATION EQUIPMENT

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Fixed Transportation Equipment
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Fixed Transportation Equipment												
Fixed Transportation Equipment	*$400,000*	$850,000	$850,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$2,350,000	$850,000	$850,000	$10,600,000
Transportation Technologies	*$300,000*	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,250,000
ITS Integration	*$0*	$1,567,019	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,567,019
Parking Technologies	*$0*	$0	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$310,000
Total, Fixed Transportation Equipment	*$700,000*	$2,667,019	$850,000	$1,100,000	$850,000	$1,810,000	$1,050,000	$1,100,000	$2,350,000	$1,100,000	$850,000	$13,727,019

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Fixed Transportation Equipment

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 235390

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*356,205*	*400,000*	850,000	850,000	850,000	850,000	1,450,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
Financing Plan													
Prior City Funding	*356,205*	*400,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	425,000	425,000	425,000	425,000	725,000	425,000	425,000	1,175,000	425,000	425,000	5,300,000
Cash Capital	*0*	*0*	425,000	425,000	425,000	425,000	725,000	425,000	425,000	1,175,000	425,000	425,000	5,300,000
Total Financing Plan	*356,205*	*400,000*	850,000	850,000	850,000	850,000	1,450,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
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

Basis of Project Cost Estimation: Cost estimate is based on existing annual contracts for materials and work, and on future estimated costs.

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 2021. 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 the 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 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the ratio of maintenance investment relative to repair expenditures
- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel while traveling
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $850,000 is added for FY 2023.

Additional Operating Budget Impact

Replacement equipment should have no impact on the annual operating budget. New traffic signals will have a minimal impact on the operating budget in utility costs; however, these costs will not be significant when using LED technology and can be absorbed in the department.

Transportation Technologies

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 235393

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,600,000	*350,000*	250,000	0	250,000	0	250,000	0	250,000	0	250,000	0	1,250,000
Financing Plan													
Cash Capital - TIP	1,600,000	*350,000*	250,000	0	250,000	0	250,000	0	250,000	0	250,000	0	1,250,000
Total Financing Plan	1,600,000	*350,000*	250,000	0	250,000	0	250,000	0	250,000	0	250,000	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

Basis of Project Cost Estimation: Based on similar projects.

Project Description & Justification

This project funds the deployment of small, undefined transportation technology projects. For example, the design and deployment of weather stations and pavement temperature sensors could be a potential project as well as the deployment of traffic monitoring cameras.

For FY 2014 this project will be funding the capital infrastructure of the City's newly installed fiber-optic communications network connecting video cameras and traffic signals to the Business Center Drive facility.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve community's satisfaction with their ability to access and use City services.

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when traveling

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Based on revised growth rates of Transportation Improvement Program funding, this project has been scaled back from the prior year approved plan. Funding in the amount of $250,000 is provided every other year through 2023, as opposed to $250,000 annually.

Additional Operating Budget Impact

Additional operating impacts are unknown until specific technologies are implemented.

Intelligent Transportation Systems (ITS) Integration

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 235405

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

Intelligent Transportation Systems (ITS) Inegration													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	4,201,896	*2,634,877*	1,567,019	0	0	0	0	0	0	0	0	0	1,567,019
Financing Plan													
Prior City Funding	1,727	*1,727*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	3,108,057	*1,541,038*	1,567,019	0	0	0	0	0	0	0	0	0	1,567,019
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	4,201,896	*2,634,877*	1,567,019	0	0	0	0	0	0	0	0	0	1,567,019
Add. Operating Impact													
Annual Impact			0	6,500	6,695	6,896	7,103	7,316	7,535	7,761	7,994	8,234	66,034
Cumulative Impact			0	6,500	13,195	20,091	27,194	34,509	42,045	49,806	57,800	66,034	66,034
Basis of Project Cost Estimation: Based on similar projects.													

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 will begin 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 should additional funding become 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve community's satisfaction with their ability to access and use City services.

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when traveling

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

New project in the Capital Improvement Program. All grant funding has been secured. FY 2014 formally appropriates the remainder of grant funding received.

Additional Operating Budget Impact

Annual operating impact beginning in FY 2015 will be the costs of maintaining the information technology network and equipment.

Parking Technologies

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	310,000	*0*	0	0	0	0	110,000	200,000	0	0	0	0	310,000
Financing Plan													
CMAQ/RSTP	310,000	*0*	0	0	0	0	110,000	200,000	0	0	0	0	310,000
Total Financing Plan	310,000	*0*	0	0	0	0	110,000	200,000	0	0	0	0	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

Basis of Project Cost Estimation: Cost estimate based on discussions and quotes from third party consulting firms.

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, interactive parking map for the website, 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 - Installing sensors in all City owned garages; installing sensors in on-street spaces; and installing dynamic directional signage that would indicate real-time parking availability and direct parkers to available parking spaces.
- FY 2019 ($200,000): Phase II - Installing sensors in all City owned garages; installing sensors in on-street spaces; and installing dynamic directional signage that would indicate real-time parking availability and direct parkers to available parking spaces.

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.

Linking to the City's Strategic Plan

Goal 1: Economic Development

- LTO: Increase visitor spending within the City
  - IO: Increase and enhance public and private parking strategies

Goal 5: Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve the community's satisfaction with their ability to access and use City services

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Total project funding reduced from $1.06 million from FY 2015 – 2018 to $310,000 in FY 2018 – 2019 based on approved CMAQ/RSTP funding from VDOT.

Additional Operating Budget Impact

An additional operating impact is expected; however, until the exact technology being implemented is determined, the additional operating impact is unknown.

Intelligent Transportation Systems (ITS) Integration

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 235405

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

Intelligent Transportation Systems (ITS) Inegration													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	4,201,896	*2,634,877*	1,567,019	0	0	0	0	0	0	0	0	0	1,567,019
Financing Plan													
Prior City Funding	1,727	*1,727*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	3,108,057	*1,541,038*	1,567,019	0	0	0	0	0	0	0	0	0	1,567,019
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	4,201,896	*2,634,877*	1,567,019	0	0	0	0	0	0	0	0	0	1,567,019
Add. Operating Impact													
Annual Impact			0	6,500	6,695	6,896	7,103	7,316	7,535	7,761	7,994	8,234	66,034
Cumulative Impact			0	6,500	13,195	20,091	27,194	34,509	42,045	49,806	57,800	66,034	66,034
Basis of Project Cost Estimation: Based on similar projects.													

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 will begin 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 should additional funding become 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve community's satisfaction with their ability to access and use City services.

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Improve how safe people feel when traveling

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

New project in the Capital Improvement Program. All grant funding has been secured. FY 2014 formally appropriates the remainder of grant funding received.

Additional Operating Budget Impact

Annual operating impact beginning in FY 2015 will be the costs of maintaining the information technology network and equipment.

Parking Technologies

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	310,000	*0*	0	0	0	0	110,000	200,000	0	0	0	0	310,000
Financing Plan													
CMAQ/RSTP	310,000	*0*	0	0	0	0	110,000	200,000	0	0	0	0	310,000
Total Financing Plan	310,000	*0*	0	0	0	0	110,000	200,000	0	0	0	0	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

Basis of Project Cost Estimation: Cost estimate based on discussions and quotes from third party consulting firms.

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, interactive parking map for the website, 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 - Installing sensors in all City owned garages; installing sensors in on-street spaces; and installing dynamic directional signage that would indicate real-time parking availability and direct parkers to available parking spaces.
- FY 2019 ($200,000): Phase II - Installing sensors in all City owned garages; installing sensors in on-street spaces; and installing dynamic directional signage that would indicate real-time parking availability and direct parkers to available parking spaces.

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.

Linking to the City's Strategic Plan

Goal 1: Economic Development

- LTO: Increase visitor spending within the City
  - IO: Increase and enhance public and private parking strategies

Goal 5: Financial Sustainability

- LTO: Improve effectiveness of City services for the benefit of the public
  - IO: Improve the community's satisfaction with their ability to access and use City services

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Total project funding reduced from $1.06 million from FY 2015 – 2018 to $310,000 in FY 2018 – 2019 based on approved CMAQ/RSTP funding from VDOT.

Additional Operating Budget Impact

An additional operating impact is expected; however, until the exact technology being implemented is determined, the additional operating impact is unknown.

SANITARY SEWERS

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Sanitary Sewers
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Sanitary Sewers												
Holmes Run Trunk Sewer	*$5,637,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Combined Sewer Separation Projects	*$1,100,000*	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$3,200,000
Combined Sewer System Permit Compliance	*$1,840,690*	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,000,000
Four Mile Run Sanitary Sewer Repair	*$1,330,000*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Reconstructions & Exts. of Sanitary Sewers	*$1,495,918*	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,000,000
Holmes Run 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
Wet Weather Management Facility	*$0*	$0	$3,375,000	$1,125,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$22,250,000
Combined Sewer Overflow 001 Planning	*$0*	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Sewer Assessment & Rehabilitation	*$450,000*	$0	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$8,800,000
AlexRenew WWTP Capacity	*$500,000*	$0	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$34,220,000
Sanitary Sewers Total	*$21,673,608*	$1,900,000	$8,175,000	$4,900,000	$4,975,000	$13,400,000	$18,100,000	$15,020,000	$15,750,000	$13,150,000	$1,400,000	$96,770,000

Sanitary Sewer Fund
Proposed FY 2014 – 2023 Capital Improvement Program
Sources and Uses Table
Capital Projects and Operating Expenditures

Sanitary Sewer Rate Summary

Sanitary Sewer Rate	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Sanitary Sewer Rate ($ per 1,000 gallons)	$1.25	$1.25	$1.25	$1.25	$1.50	$1.75	$2.00	$2.00	$2.25	$2.25
Proposed Rate Increase	0.0%	0.0%	0.0%	20.0%	16.7%	14.0%	0.0%	12.5%	0.0%	0.0%
New Sanitary Sewer Rate	$1.25	$1.25	$1.25	$1.50	$1.75	$2.00	$2.00	$2.25	$2.25	$2.25

Sanitary Sewer Revenue Summary

Revenues	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY2014-2023
Sewer Line Maintenance Fee	$6,548,750	$6,597,866	$6,647,350	$8,036,646	$9,449,106	$10,852,771	$10,934,167	$12,393,195	$12,486,144	$12,579,790	$96,525,783
Sewer Connection Fee	$1,050,000	$1,102,500	$1,157,625	$1,215,506	$1,276,282	$1,340,096	$1,407,100	$1,477,455	$1,551,328	$1,628,895	$13,206,787
*Additional Connection Fee - Increase Mulit-Family Connection Fees	$247,545	$501,445	$494,438	$486,119	$476,392	$645,684	$842,788	$1,071,669	$1,336,829	$1,376,934	$7,479,842
New Debt Issuance	$430,000	$8,000,000	$5,000,000	$4,025,000	$11,400,000	$13,700,000	$12,350,000	$12,500,000	$11,775,000	$1,000,000	$80,180,000
New Debt Issuance (with New Projects)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Reprogrammed Prior Year Funding	$1,659,257	$0	$375,000	$0	$0	$0	$0	$0	$0	$0	$2,034,257
Fund Balance Carryover	$0	$291,419	$277,998	$275,715	$285,659	$337,316	$368,911	$389,753	$467,980	$483,801	$3,178,550
Total	$9,935,552	$16,493,229	$13,952,411	$14,038,986	$22,887,439	$26,875,866	$25,902,966	$27,832,071	$27,617,281	$17,069,419	$202,605,219

* Proposed to increase from 50% of the base connection fee to 70% in FY 2014 and to 90% in FY 2015.

Sanitary Sewer Expenditure Summary

Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY2014-2023
All Operating	$5,052,982	$4,977,315	$5,126,635	$4,996,326	$4,988,644	$5,138,304	$5,601,452	$5,769,496	$5,942,581	$6,120,858	$53,714,592
All Capital Projects	$2,050,000	$8,525,000	$5,150,000	$4,975,000	$13,400,000	$16,250,000	$13,745,000	$14,475,000	$13,150,000	$1,400,000	$93,120,000
All Debt Service	$2,541,151	$2,712,916	$3,400,061	$3,782,001	$4,161,480	$5,118,652	$6,166,761	$7,119,595	$8,040,899	$8,658,871	$51,702,387
Total Expenditures	$9,644,133	$16,215,231	$13,676,696	$13,753,327	$22,550,124	$26,506,956	$25,513,213	$27,364,091	$27,133,480	$16,179,729	$198,536,979

Sanitary Sewer Operating Expenditures

Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY2014-2023
Current Personnel (Through FY 2013)	$2,510,678	$2,585,998	$2,663,578	$2,743,486	$2,825,790	$2,910,564	$2,997,881	$3,087,817	$3,180,452	$3,275,865	$28,782,110
Current Non-Personnel (Through FY 2013)	$1,077,435	$852,258	$877,826	$904,161	$931,285	$959,224	$988,001	$1,017,641	$1,048,170	$1,079,615	$9,735,616
Debt Service - Current (Through FY 2013)	$2,532,551	$2,514,646	$2,550,651	$2,523,951	$2,424,565	$2,356,047	$2,269,566	$2,205,360	$2,138,474	$2,058,781	$23,574,592
Debt Service - Planned (FY 2014 - 2023)	$8,600	$198,270	$849,410	$1,258,050	$1,736,915	$2,762,605	$3,897,195	$4,914,235	$5,902,425	$6,600,090	$28,127,795
NEW - Sewer Billing	$80,000	$82,400	$84,872	$87,418	$90,041	$92,742	$95,524	$98,390	$101,342	$104,382	$917,111
NEW - Annual CCTV of Sewers	$400,000	$412,000	$424,360	$437,091	$450,204	$463,710	$477,621	$491,950	$506,708	$521,909	$4,585,553
NEW - 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
NEW - Additional Personnel and Equipment	$274,869	$220,659	$227,279	$234,097	$241,120	$248,354	$255,804	$263,478	$271,383	$279,524	$2,516,567
NEW - Sanitary Sewer Capacity Study - Flow Metering and Sewer Modeling	$460,000	$566,500	$583,495	$316,891	$168,826	$173,891	$179,108	$184,481	$190,016	$195,716	$3,018,924
PLANNED - Wet Weather Management Facility Operating	$0	$0	$0	$0	$0	$0	$309,000	$318,270	$327,818	$337,653	$1,292,741
Total Operating Expenditures	$7,594,133	$7,690,231	$8,526,696	$8,778,327	$9,150,124	$10,256,956	$11,459,213	$12,570,821	$13,655,662	$14,442,076	$105,416,979

Sanitary Sewer Capital Expenditures

Project	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY2014-2023
Holmes Run Trunk Sewer	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Combined Sewer System Permit Compliance	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,000,000
Reconstruction and Extension of Sanitary Sewers	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,000,000
Combined Sewer Separation Projects	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$3,200,000
*Green Infrastructure in CSO Areas	$150,000	$350,000	$250,000	$0	$0	$0	$0	$0	$0	$0	$750,000
Four Mile Run Sanitary Sewer Repair	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Holmes Run Sewershed Infiltration and Inflow	$0	$3,000,000	$2,375,000	$3,075,000	$2,850,000	$4,000,000	$0	$0	$0	$0	$15,300,000
Wet Weather Management Facility	$0	$3,375,000	$1,125,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$22,250,000
Combined Sewer Overflow 001 Planning	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Sewer Assessment and Rehabilitation	$0	$0	$0	$0	$0	$1,850,000	$1,275,000	$1,275,000	$0	$0	$4,400,000
AlexRenew WWTP Expansion	$0	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$34,220,000
Total Capital Expenditures	$2,050,000	$8,525,000	$5,150,000	$4,975,000	$13,400,000	$16,250,000	$13,745,000	$14,475,000	$13,150,000	$1,400,000	$93,120,000

* Shown in the Stormwater Management section of the CIP

Unfunded/Unknown Capital Needs

*Green Infrastructure in CSO Areas	$0	$0	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Combined Sewer Overflow 001 Planning	$0	$0	$0	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD

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Holmes Run Trunk Sewer

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255074

Project Location: AlexRenew Plant to the City/Fairfax Border
Reporting Area: See Text Below
Project Category: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	9,002,000	*9,002,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
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	4,802,000	*4,802,000*	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

Basis of Project Cost Estimation: Coss were estimated by engineering consultant.

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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase the City's non-residential and residential tax base
  - IO: Increase value created by the City's planning and development process.
  - IO: Increase residential developer/builder base for new projects
  - IO: Improve the markets' awareness of Alexandria development opportunities

Goal 2 – Health & Environment

- LTO: Improve natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff

Goal 5 – Financial Sustainability

- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project has been fully funded; however, depending on the outcome of the current on-going study, additional funding may be required in future years.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Four Mile Run Sanitary Sewer Repair

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255136

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	2,300,000	*1,800,000*	500,000	0	0	0	0	0	0	0	0	0	500,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	800,000	*490,000*	310,000	0	0	0	0	0	0	0	0	0	310,000
Sanitary Sewer Fees	1,500,000	*1,310,000*	190,000	0	0	0	0	0	0	0	0	0	190,000
Total Financing Plan	2,300,000	*1,800,000*	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

Basis of Project Cost Estimation: Cost estimate based on costs of previous similar projects.

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 2014.

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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of City's physical assets
  - IO: Increase the ration of maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

Add additional $500,000 from the Sanitary Sewer Fund is added to the project to complete construction funding.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Combined Sewer System (CSS) Permit Compliance

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255208

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*22,593*	*1,840,690*	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													
General Obligation Bonds - Sanitary Sewer	*0*	*0*	0	0	200,000	0	0	0	180,000	0	0	0	380,000
Sanitary Sewer Fees	*22,593*	*1,840,690*	300,000	300,000	100,000	300,000	300,000	300,000	120,000	300,000	300,000	300,000	2,620,000
Total Financing Plan	*22,593*	*1,840,690*	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

Basis of Project Cost Estimation: Cost estimate for the study based on the analysis needed and associated work to develop revision to the LTCP (Long Term Control Plan). Annual cost estimates based on the past history of annual costs for similar costs.

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 capacityare 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 is currently in discussions with VDEQ regarding what will be required of the City in the next permit cycle. It is likely the City will be required (mandated) to implement significant combined sewer system controls over a specified timeframe (still being negotiated).

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)

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
- LTO: Improve the health of the waterways within the City
  - IO: Reduce pollutants discharged by residents and businesses within the City
- LTO: Decrease residents' incidence of preventable diseases
  - IO: Reduce contaminants in water runoff

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

Details of Changes from Prior Year Approved Plan

Annual funding for permitting and construction activities now budgeted at $300,000 annually. Annual costs varied in prior year approved plan.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

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): N/A
OCA: 255133

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*2,460,314*	*1,495,918*	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	*0*	*0*	0	900,000	900,000	900,000	360,000	900,000	900,000	500,000	0	800,000	6,160,000
Sanitary Sewer Fees	*2,460,314*	*1,495,918*	900,000	0	0	0	540,000	0	0	400,000	900,000	100,000	2,840,000
Total Financing Plan	*2,460,314*	*1,495,918*	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
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

Basis of Project Cost Estimation: Cost estimate based on costs of previous similar projects.

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 $3.956 million along with annual funding of $900,000 will be utilized to fund multiple projects in this request. Several projects are in early planning stage, 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 2014 include:

- Groves Avenue sewer replacement
- West Uhler Avenue sewer replacement
- Hooff's Run sewer relocation (Chapman Street to Maple Street)
- Beauregard and King Street sewer replacement (being completed in conjunction with the Beauregard and King Street intersection improvement project (Streets & Bridges CIP section)
- Mt. Vernon and Glebe Road sewer siphon replacement
- North Alfred and Pendelton Street alley reconstruction
- Sewer lining project not yet identified
- 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

Annual funding for reconstruction and extension project now budgeted at $900,000 annually. Annual costs varied in prior year approved plan.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Combined Sewer Separation Projects

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255115

Project Location: Old Town CSO Area
Reporting Area: See Text Below
Project Category: 1 – Asset Maintenance
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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*1,445,886*	*1,100,000*	200,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	200,000	3,200,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	*0*	*0*	0	600,000	200,000	200,000	600,000	200,000	200,000	600,000	25,000	200,000	2,825,000
Sanitary Sewer Fees	*1,445,886*	*1,100,000*	200,000	0	0	0	0	0	0	0	175,000	0	375,000
Total Financing Plan	*1,445,886*	*1,100,000*	200,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	200,000	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

Basis of Project Cost Estimation: Cost estimate based on limited information, including current field evaluation and design services for the ongoing separation project and engineer's planning-level estimate for design.

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 in the fall of 2011 to collect survey data, confirm sewer connectivity, and to provide sewer separation recommendations and planning level design and construction costs. In 2012, the City moved forward with design of the recommended separation projects and construction is anticipated to commence in 2013.

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.

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)

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
  - IO: Increase public awareness of Eco-City Alexandria
  - IO: Reduce pollutants discharged to residences and businesses within the City
- LTO: Decrease residents' incidence of preventable diseases
  - IO: Reduce contaminants in water runoff

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

Details of Changes from Prior Year Approved Plan

Total funding reduced from $4.9 million in prior year approved plan to $3.0 million in current plan based on anticipated needs and project implementation rates. Funding in the amount of $200,000 is added from FY 2023.

Additional Operating Budget Impact

An impact on the annual 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.

Holmes Run Sewershed Infiltration and Inflow

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255105

Project Location: Holmes Run Sewer Shed
Reporting Area: See Text Below
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 40 years

Holmes Run 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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

Basis of Project Cost Estimation: Cost estimate based on previous inspection and remediation contracts, and consultant estimate.

Project Description & Justification

This project provides for the evaluation and remediation of infiltration/inflow and sewer rehabilitation conditions for the sanitary sewer system in the Holmes Run sewershed, which impacts the Alexandria West, Landmark/Van Dorn and Seminary Hill/Strawberry Hill reporting areas.

Many of the sewers and manholes located in these areas are old and deteriorated, and require rehabilitation. During wet weather, infiltration and inflow into the sanitary sewers have created overload conditions causing basement backups. The field work and monitoring is being performed by dividing the 4,600 acre sewer shed into sections and proceeding through each section sequentially. Leaking sewers and connections (which allow excessive infiltration/inflow to enter sewers), and deteriorated sewers requiring remediation, will be identified via street by street closed circuit television inspection of sewers. The results of this field study are being evaluated to develop remediation projects that are expected to include the relining of sewers and manhole repairs. This information will be utilized to prioritize capital improvements.

Design of remediation measures started in summer 2010 for two sub-basins and construction is anticipated to begin in FY 2013. To date, a total of $19.9 million has been budgeted for this project, with current allocated and unallocated balances of $17.1 million remaining. During FY 2014, the Pegram and Strawberry Run sewersheds drainage basin are tentatively scheduled for construction. Funding from the Sanitary Sewer fund planned for FY 2015 – 2019 includes completing remaining field evaluations ($1.0 million) design ($1.0 million) and remediation costs ($1.0 million).

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

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

Planned funding from FY 2014 – 2017 totaling $15.5 million reduced to $15.3 million and extended to FY 2019 based on anticipated construction schedule.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Wet Weather Management Facility

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	22,250,000	*0*	0	3,375,000	1,125,000	0	8,750,000	9,000,000	0	0	0	0	22,250,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	19,740,000	*0*	0	3,220,000	1,125,000	0	7,875,000	7,520,000	0	0	0	0	19,740,000
Sanitary Sewer Fees	2,510,000	*0*	0	155,000	0	0	875,000	1,480,000	0	0	0	0	2,510,000
Total Financing Plan	22,250,000	*0*	0	3,375,000	1,125,000	0	8,750,000	9,000,000	0	0	0	0	22,250,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	300,000	309,000	318,270	327,818	1,255,088
Cumulative Impact			0	0	0	0	0	0	300,000	609,000	927,270	1,255,088	1,255,088

Basis of Project Cost Estimation: Cost estimate provided in the draft report, "Wet Weather Management Evaluation Update (Task Order 14-2005)" prepared by CH2MHill on behalf of the City, Fairfax County and AlexRenew dated July 2012.

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 $22.3 million (2012 dollars), and it is assumed that the costs for this facility would be shared equally between Fairfax County and the City. In addition, the funding includes extending 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
  - IO: Reduce pollutants discharged to residences and businesses within the City
- LTO: Decrease residents' incidences of preventable diseases
  - IO: Reduce contaminants in water runoff

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

Total estimated costs reduced from $31.5 million to $22.3 million based on the draft report entitled "Wet Weather Management Evaluation Update" prepared by CH2M Hill on behalf of the City, Fairfax County, and AlexRenew dated July 2012.

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. Operating costs will be paid for from the Sanitary Sewer Fund

Sewer Assessment and Rehabilitation

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: TBD

Project Location: Old Town CSO area
Reporting Area: Old Town, Old Town North
Project Category: 1 – Asset Maintenance
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	8,800,000	*0*	0	0	0	0	0	3,700,000	2,550,000	2,550,000	0	0	8,800,000
Financing Plan		*0*											
General Obligation Bonds	4,400,000	*0*	0	0	0	0	0	1,850,000	1,275,000	1,275,000	0	0	4,400,000
General Obligation Bonds - Sanitary Sewer	1,480,000	*0*	0	0	0	0	0	1,480,000	0	0	0	0	1,480,000
Sanitary Sewer Fees	2,920,000	*0*	0	0	0	0	0	370,000	1,275,000	1,275,000	0	0	2,920,000
Total Financing Plan	8,800,000	*0*	0	0	0	0	0	3,700,000	2,550,000	2,550,000	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

Basis of Project Cost Estimation: Cost estimate is based on previous infiltration and inflow contracts for field evaluation services (CCTV, condition assessment, engineering design) and construction and construction management services (lining, manhole rehabilitation, etc). Costs have been increased to account for inflation based on the date of the previous contracts and by applying 3% inflation for project being performed in out years.

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 the Stormwater Management Fund.

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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
  - IO: Increase public awareness of Eco-City Alexandria
  - IO: Reduce pollutants discharged to residences and businesses within the City

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

Additional Operating Budget Impact

An impact to the annual operating budget is not anticipated.

Combined Sewer Overflow 001 Planning

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 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

Cobined 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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	500,000	*0*	0	0	0	500,000	0	0	0	0	0	0	500,000
Financing Plan													
Sanitary Sewer Fees	0	*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

Basis of Project Cost Estimation: Rough estimate based on limited information, including communication from the City's combined sewer permit contractor regarding how much the study and design services might be. Costs were based on unit costs that were derived from other similar facilities.

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 Mitigation project will provide initial feasibility planning funding for combined sewer storage at CSO Outfall 001 (Pendleton Street), resulting in a reduction of 30-40 overflows per year at each outfall to approximately four per year per outfall which will provide significant water quality benefits in Oronoco Bay and the Hunting Creek area.

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. The timing of the construction of the CSO 001 storage facility should be done prior to the development of the Robinson Terminal North site.

(Continued on next page)

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
- LTO: Improve the health of the waterways within the City
  - IO: Reduce pollutants discharged by residents and businesses within the City
- LTO: Decrease residents' incidences of preventable diseases
  - IO: Reduce contaminants in water runoff

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

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

Additional Operating Budget Impact

Impact on the annual operating budget is unknown until specific capital improvement projects are identified and funded.

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.

AlexRenew Wastewater Treatment Plant Capacity

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: TBD

Project Location: 1500 Eisenhower Ave.
Reporting Area: Southwest Quadrant
Project Category: 2 – Renovations/Existing Assets
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	34,720,000	*500,000*	0	0	0	0	0	0	11,070,000	11,400,000	11,750,000	0	34,220,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	34,220,000	*0*	0	0	0	0	0	0	11,070,000	11,400,000	11,750,000	0	34,220,000
Sanitary Sewer Fees	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	34,720,000	*500,000*	0	0	0	0	0	0	11,070,000	11,400,000	11,750,000	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

Basis of Project Cost Estimation: Planning level cost estimate provided by AlexRenew in 2011.

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 $35.2 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.

Linking to the City's Strategic Plan

Goal 1 – Economic Development

- LTO: Increase the City's non-residential and residential tax base
  - IO: Increase value created by the City's planning and development process.
  - IO: Increase residential developer/builder base for new projects
  - IO: Improve the markets' awareness of Alexandria development opportunities

Goal 5 – Financial Sustainability

- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

Initial feasibility study funding of $500,000 budgeted in FY 2014 in the prior year approved plan is no longer required. No changes to funding planned from FY 2020 – 2022.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

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STORMWATER MANAGEMENT

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Stormwater Management
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Stormwater Management												
Ft. Ward Stormwater	*$460,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Taylor Run at Janney's Lane	*$551,250*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
NPDES / MS4 Permit	*$134,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Four Mile Run Channel Maintenance	*$1,610,000*	$0	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$1,200,000
Storm Sewer Capacity Assessment	*$0*	$250,000	$0	$0	$0	$0	$0	$950,000	$0	$0	$0	$1,200,000
Green Infrastructure in CSO Areas	*$0*	$300,000	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Stream & Channel Maintenance	*$838,750*	$2,150,000	$1,100,000	$1,100,000	$550,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$7,600,000
MS4-TMDL Compliance Water Quality Imprv.	*$0*	$800,000	$800,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,600,000
Storm Sewer System Spot Improvements	*$2,864,113*	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Stormwater Management Total	*$6,458,113*	$3,500,000	$2,900,000	$1,900,000	$850,000	$1,350,000	$750,000	$1,700,000	$750,000	$750,000	$1,350,000	$15,800,000

Stormwater Management Fund
Proposed FY 2014 – 2023 Capital Improvement Program
Sources and Uses Table
Capital Projects and Operating Expenditures

Stormwater Management - Capital Budget	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Revenues											
Transfer from Capital Fund (GO Bonds)	$1,000,000	$1,000,000	$925,000	$850,000	$1,350,000	$2,600,000	$2,975,000	$2,025,000	$750,000	$1,325,000	$14,800,000
Reprogrammed Prior Year Project Balances	1,577,935	550,000	0	0	0	0	0	0	0	0	2,127,935
FEMA Reimbursements (Tropical Storm Lee)	660,000	1,000,000	725,000	0	0	0	0	0	0	0	2,385,000
Environmental Restoration Funds	600,000	0	0	0	0	0	0	0	0	25,000	625,000
Stormwater Management Tax Revenues	197,065	0	0	0	0	0	0	0	0	0	197,065
Carry-Over Balance	0	0	0	0	0	0	0	0	0	0	
Total Capital Revenues	4,035,000	2,550,000	1,650,000	850,000	1,350,000	2,600,000	2,975,000	2,025,000	750,000	1,350,000	20,135,000
Capital Projects											
*Additional Maintenance Equipment (BMP, SW)	685,000	0	0	0	0	0	0	0	0	0	685,000
Green Infrastructure in CSO areas	150,000	350,000	250,000	0	0	0	0	0	0	0	750,000
NEW - MS4-TMDL Compliance Water Quality Improvements	800,000	800,000	0	0	0	0	0	0	0	0	1,600,000
Stream & Channel Maintenance	2,150,000	1,100,000	1,100,000	550,000	450,000	450,000	450,000	450,000	450,000	450,000	7,600,000
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
Storm Sewer Capacity Assessment	250,000	0	0	0	0	0	950,000	0	0	0	1,200,000
Four Mile Run Channel Maintenance	0	0	0	0	600,000	0	0	0	0	600,000	1,200,000
Ft. Ward Stormwater	0	0	0	0	0	0	0	0	0	0	0
**Combined Sewer Area Assessment	0	0	0	0	0	1,850,000	1,275,000	1,275,000	0	0	4,400,000
Total Capital Projects	4,035,000	2,550,000	1,650,000	850,000	1,350,000	2,600,000	2,975,000	2,025,000	750,000	1,350,000	20,135,000

*Shown here for informational purposes only. Funding will be transferred to the Equipment Replacement Fund, and vehicles will be purchased out of that Fund.

** Shown in the Sanitary Sewer section of the CIP document.

Stormwater Management - Unfunded/Unknown Needs	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
NEW - MS4-TMDL Compliance Water Quality Improvements	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NEW - Green Infrastructure in CSO areas	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Stormwater Management - Operating Budget	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Revenues											
Transfer from General Fund	$950,000	$950,000	$950,000	$950,000	$950,000	$950,000	$950,000	$950,000	$950,000	$950,000	$9,500,000
Stormwater Management Tax Revenues (0.5 cents)	1,716,670	1,763,878	1,816,795	1,871,299	1,932,116	1,994,910	2,059,744	2,111,238	2,185,131	2,261,611	19,713,391
Additonal Operating Revenues Needed	0	482,375	489,346	496,526	499,244	501,891	504,460	522,393	497,879	494,390	4,488,504
Total Operating Revenues	2,666,670	3,196,253	3,256,141	3,317,825	3,381,360	3,446,801	3,514,205	3,583,631	3,633,010	3,706,000	33,701,894
Operating Expenditures											
Operating Expenditures (FY 2013 Base)	1,549,781	1,567,774	1,586,308	1,605,397	1,625,059	1,645,311	1,666,170	1,687,655	1,687,655	1,709,785	$16,330,894
NEW - Indirect (Administrative) Costs	113,490	116,895	120,402	124,014	127,734	131,566	135,513	139,578	143,766	148,079	1,301,036
NEW - Additional Engineering Personnel	163,731	168,643	173,702	178,913	184,281	189,809	195,503	201,368	207,410	213,632	1,876,992
NEW - Additional Maintenance Personnel	0	688,560	709,217	730,493	752,408	774,980	798,230	822,177	846,842	872,247	6,995,154
NEW - Additional OEQ Personnel	327,032	336,843	346,948	357,357	368,077	379,120	390,493	402,208	414,274	426,703	3,749,055
NEW - Additional Admin Personnel	65,571	67,538	69,564	71,651	73,801	76,015	78,295	80,644	83,063	85,555	751,698
NEW - Heavy Sewer Cleaning	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Total Operating Expenditures	2,469,605	3,196,253	3,256,141	3,317,825	3,381,360	3,446,801	3,514,205	3,583,631	3,633,010	3,706,000	33,504,829

Note: Balance of revenues over expenditures in FY 2014 ($197,065) is used to fund capital projects in FY 2014.

Ft. Ward Stormwater

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities, Historic Alexandria
OCA: 250071

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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

Basis of Project Cost Estimation: Cost estimate prepared by staff based on similar projects.

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 OHA archaeological investigations and discoveries; which are ongoing.

This project has been fully funded and will be active in FY 2014. As of February 2013, the City is seeking to secure the services of a qualified consulting firm to perform the drainage study and formulate the storm water management plan for the park.

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

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of the land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards

Goal 5 – Financial Sustainability

- LTO: Improve community's perception of the effectiveness of City services
  - IO: Improve public's satisfaction regarding their requests to fix public infrastructure

Goal 6 – Public Safety

- LTO: Decrease loss of property from disasters
  - IO: Decrease areas within the City that frequently flood

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)

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Taylor's Run at Janney Lane

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255050

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
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

Basis of Project Cost Estimation: Cost estimate based on costs of previous similar projects.

Project Description & Justification

This project consists of reconstructing culvert head wall, stream restoration and realignment of sanitary sewer to eliminate a siphon at the culvert located at Taylor Run Parkway at Janney's Lane.

This project has been fully funded and will be active in FY 2014. The project design has been completed and is tentatively scheduled for completion in FY 2014. Environmental permitting must be obtained from state and federal authorities before construction can begin. 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.

Linking to the City's Strategic Plan

Goal 5 – Financial Sustainability

- LTO: Maintain the value of City's physical assets
  - IO: Increase the ration of maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan.

Additional Operating Budget Impact

An impact on the annual 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
OCA: 255230

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

NPDES / MS4 Permit													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
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

Basis of Project Cost Estimation: N/A

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. A total of $134,000 in prior year unallocated funding will be utilized for sampling, monitoring, reporting and required analysis studies.

The City was originally issued General Permit VAR040057 on July 8, 2003. The DCR permit re-issued on July 9, 2008 will expire June 30, 2013. The currently proposed five-year permit is scheduled to be effective on July 1, 2013 and expire on June 30, 2018. Each successive permit has contained more regulatory requirements which necessitates more resources. The proposed 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
  - IO: Increase public awareness of Eco-City Alexandria
  - IO: Reduce pollutants discharged to residences and businesses within the City

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

No changes from prior year approved plan. Project does not require additional funding.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Four Mile Run Channel Maintenance

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 210237

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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	3,293,000	*2,093,000*	0	0	0	0	600,000	0	0	0	0	600,000	1,200,000
Financing Plan													
General Obligation Bonds	1,810,000	*1,810,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,483,000	*283,000*	0	0	0	0	600,000	0	0	0	0	600,000	1,200,000
Total Financing Plan	3,293,000	*2,093,000*	0	0	0	0	600,000	0	0	0	0	600,000	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

Basis of Project Cost Estimation: Estimate prepared by consultant and based on previous work.

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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards

Goal 6 – Public Safety

- LTO: Decrease loss of property from disasters
  - IO: Decrease areas within the City that frequently flood

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding originally planned in FY 2017 is shifted to FY 2018 based on anticipated timing of maintenance and restoration work. Funding in the amount of $600,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Storm Sewer Capacity Assessment

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 255210

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*943,383*	*0*	250,000	0	0	0	0	0	950,000	0	0	0	1,200,000
Financing Plan													
Prior City Funding	*943,383*	*0*	0	0	0	0	0	0	0	0	0	0	0
Prior Year Stormwater Balances	*0*	*0*	52,935	0	0	0	0	0	0	0	0	0	52,935
Cash Capital	*0*	*0*	0	0	0	0	0	0	950,000	0	0	0	950,000
Stormwater Management Tax	*0*	*0*	197,065	0	0	0	0	0	0	0	0	0	197,065
Total Financing Plan	*943,383*	*0*	250,000	0	0	0	0	0	950,000	0	0	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

Basis of Project Cost Estimation: Cost estimate prepared by staff based on previous work.

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 2012, 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. Problem identification and developing and prioritizing solutions are the next step. 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff

Goal 6 – Public Safety

- LTO: Decrease loss of property from disasters
  - IO: Decrease areas within the City that frequently flood

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Planned funding in FY 2014 in the amount of $400,000 is reduced to $250,000 based on anticipated funding needed to complete the current study. Funding in the amount of $950,000 is added in FY 2020 to provided updated analysis and flow modeling.

Additional Operating Budget Impact

An impact on the annual 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
OCA: TBD

Project Location: Citywide
Reporting Area: Citywide
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 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,500,000	*0*	300,000	700,000	500,000	0	0	0	0	0	0	0	1,500,000
Financing Plan													
General Obligation Bonds	750,000	*0*	150,000	350,000	250,000	0	0	0	0	0	0	0	750,000
General Obligation Bonds - Sanitary Sewer	600,000	*0*	120,000	280,000	200,000	0	0	0	0	0	0	0	600,000
Sanitary Sewer Fees	150,000	*0*	30,000	70,000	50,000	0	0	0	0	0	0	0	150,000
Total Financing Plan	1,500,000	*0*	300,000	700,000	500,000	0	0	0	0	0	0	0	1,500,000
Add. Operating Impact													
Annual Impact			0	0	750	1,523	1,568	1,615	1,663	1,713	1,765	1,818	12,415
Cumulative Impact			0	0	750	2,273	3,841	5,456	7,120	8,833	10,598	12,415	12,415

Basis of Project Cost Estimation: Staff estimate based on limited information.

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 is currently in discussions with the Virginia Department of Environmental Quality (VDEQ) regarding requirements of the next VPDES permit for the CSS. Based on recent discussions with VDEQ, it is anticipated that some funding towards green infrastructure will be a requirement (mandate) of the next CSS permit.

The City will be conducting an Alternatives Analysis as part of the upcoming permit cycle to determine what CSO controls (storage, sewer separation, etc.) should be pursued for meeting the Hunting Creek Bacteria Total Maximum Daily Load (TMDL), which calls for significant reductions from three of the four City CSO outfalls.

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, 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
  - IO: Increase public awareness of Eco-City Alexandria

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Details of Changes from Prior Year Approved Plan

This is a new project in the Capital Improvement Program.

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. Maintenance of a bioretention facility includes inspection, possible repair and replacement of the individual components. Inflation at 3% per year has been included.

Stream and Channel Maintenance

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
OCA: 210112

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*1,360,720*	*838,750*	2,150,000	1,100,000	1,100,000	550,000	450,000	450,000	450,000	450,000	450,000	450,000	7,600,000
Financing Plan													
Prior Year Stormwater Balances	*1,360,720*	*838,750*	840,000	100,000	0	0	0	0	0	0	0	0	940,000
General Obligation Bonds	*0*	*0*	50,000	0	375,000	550,000	450,000	450,000	450,000	450,000	450,000	425,000	3,650,000
Environmental Restoration Funds	*0*	*0*	600,000	0	0	0	0	0	0	0	0	25,000	625,000
FEMA Reimbursement	*0*	*0*	660,000	1,000,000	725,000	0	0	0	0	0	0	0	2,385,000
Total Financing Plan	*1,360,720*	*838,750*	2,150,000	1,100,000	1,100,000	550,000	450,000	450,000	450,000	450,000	450,000	450,000	7,600,000
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

Basis of Project Cost Estimation: Cost estimate based on actual costs from 2007 and 2011 Stream Channel Restoration work.

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 $2.2 million will be combined with requested FY 2014 funding of $2.15 million to mitigate damages caused by Tropical Storm Lee. Projects currently under design 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff

Goal 6 – Public Safety

- LTO: Decrease loss of property from disasters
  - IO: Decrease areas within the City that frequently flood

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the prior year approved plan totaled $8.4 million from FY 2014 – 2022. Based on anticipated project implementation rates, funding is reduced to $7.2 million from FY 2014 – 2022. Funding in the amount of $450,000 is added for FY 2023.

Additional Operating Budget Impact

An impact on the annual 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
OCA: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 50+ years

MS4-TMDL Compliance Water Quality Improvement													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2013*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	1,600,000	*0*	800,000	800,000	0	0	0	0	0	0	0	0	1,600,000
Financing Plan													
Prior Year Stormwater Balances	450,000	*0*	0	450,000	0	0	0	0	0	0	0	0	450,000
General Obligation Bonds	1,150,000	*0*	800,000	350,000	0	0	0	0	0	0	0	0	1,150,000
Total Financing Plan	1,600,000	*0*	800,000	800,000	0	0	0	0	0	0	0	0	1,600,000
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

Basis of Project Cost Estimation: Budgetary Costs for the major stormwater management facilities were developed in working with the engineer conducting the Feasibility Study. Costs for stormwater retrofits were based on the C-Bay TMDL Compliance Analysis and Options report.

Project Description & Justification

The Virginia Department of Conservation and Recreation (DCR) has indicated that City-specific stormwater nutrient and sediment reduction targets for the Chesapeake Bay (C-Bay) Total Maximum Daily Load (TMDL) will be imposed 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 proposed permit - with a planned effective date of July 1, 2013 - will require the City to implement practices sufficient to achieve 5% of the reduction targets during first 5-year permit and 40% of reduction targets by the end of 10 years.

In the fall of 2012, the City completed the Chesapeake Bay TMDL Compliance Analysis and Options (Analysis) recommends that treating stormwater can be treated through multiple strategies. In addition to regional facilities, stormwater quality retrofits of City facilities and ROW will also be required to meet the reductions. The budgetary estimates were developed in working with engineers from the respective firms conducting the Chesapeake Bay TMDL Compliance Analysis and Options and the Feasibility Study.

The funding request for FY 2014 – 2015 of $1.6 million does not completely satisfy the funding needs for compliance with the upcoming permit cycle (FY 2014 – 2018). This request funds only immediate planning and feasibility studies to determine the type and mix of technologies and locations of capital improvements. This analysis will allow determination of more accurate future funding requirements for FY 2016 – 2023, and will become the basis for future requests.

For the City to stay in compliance with its MS4 (Municipal Separate Storm System) permit, the City must improve stormwater management and water quality of discharges from its storm sewer system.

(Continued on next page)

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff
  - IO: Increase public awareness of Eco-City Alexandria
  - IO: Reduce pollutants discharged to residences and businesses within the City

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets

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

Details of Changes from Prior Year Approved Plan

This is a new project in the FY 2014 – 2023 Capital Improvement Program.

Additional Operating Budget Impact

Additional operating impacts for the maintenance of the retrofit facilities that will be constructed are undetermined at this time, as a construction schedule is yet to be determined.

Project Description and Justification (Continued)

This is primarily because of new regulatory requirements of C-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): N/A
OCA: 250076

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*1,459*	*2,864,113*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Financing Plan													
Prior City Funding	*1,459*	*2,864,113*	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	*1,459*	*2,864,113*	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

Basis of Project Cost Estimation: Cost estimate is based on historical costs of similar projects.

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 $2.9 million will be utilized for projects listed on the next page.

Completion of this project 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.

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve the natural quality of land within the City
  - IO: Improve ecological quality of green spaces to meet regional standards
  - IO: Reduce contaminants in water runoff

Goal 6 – Public Safety

- LTO: Decrease loss of property from disasters
  - IO: Decrease areas within the City that frequently flood

Goal 5 – Financial Sustainability

- LTO: Maintain the value of the City's physical assets
  - IO: Increase the maintenance investment relative to repair expenditures

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

Funding in the amount of $9.6 million from FY 2014 – 2022 in the prior year approved plan has been reduced to $2.4 million over the same time period. Funding in the amount of $300,000 is added for FY 2023.

Increased operating costs associated with regular cleaning and maintenance, and increased staffing required for MS4 / TMDL requirements has reduced the amount of funding available for capital projects. When current identified projects are completed, additional resources may need to be added to this project.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Current Storm Sewer Spot Improvement Projects

Project	Description	Status
Monroe Avenue / Nelson Avenue Alley Improvements	Alley re-grading and storm sewer improvements to alleviate flooding on adjacent properties in the vicinity of the Alexandria and Wayne Avenues	Currently under design; Construction tentatively scheduled for FY 2014
Bishop Lane Drainage Improvements	Installation of storm sewer improvements to alleviate ponding and drainage onto adjacent properties from the public right-of-way	Design complete; Construction spring or summer of calendar year 2013
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 2015
North Rosser Street / Calhoun Avenue / Colfax Avenue / Dawes Avenue Drainage System	Storm sewer evaluation and possible improvements including extension of existing storm sewers in roadside ditches to alleviate nuisance flooding and ponding water.	Currently under design; Construction tentatively scheduled for FY 2014
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 2014
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 2014
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 design; Construction tentatively scheduled for FY 2014

OTHER REGIONAL CONTRIBUTIONS

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Other Regional Contributions
Proposed FY 2014 – 2023 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Other Regional Contributions												
Northern Virginia Community College	*$0*	$286,927	$326,022	$365,869	$369,528	$373,223	$376,955	$380,725	$384,532	$388,777	$392,665	$3,645,223
Northern Virginia Regional Park Authority	*$0*	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$370,854	$3,708,540
Peumansend Creek Regional Jail	*$0*	$115,465	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$427,794
Other Regional Contributions Total	*$0*	$773,246	$806,614	$840,808	$838,888	$744,077	$747,809	$751,579	$755,386	$759,631	$763,519	$7,781,557

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Northern Virginia Community College (NVCC)

Document Subsection: Regional Contributions
Managing Department: Office of Management & Budget
Supporting Department(s): N/A
OCA: 200014

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*122,807*	*0*	286,927	326,022	365,869	369,528	373,223	376,955	380,725	384,532	388,777	392,665	3,645,223
Financing Plan													
Prior City Funding	*122,807*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	286,927	326,022	365,869	369,528	373,223	376,955	380,725	384,532	388,777	392,665	3,645,223
Total Financing Plan	*122,807*	*0*	286,927	326,022	365,869	369,528	373,223	376,955	380,725	384,532	388,777	392,665	3,645,223
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

Basis of Project Cost Estimation: FY 2014 funding based on request submitted by NVCC (Alexandria poulation of 143,464 X $2.00/per capital). Per capita rate increases to $2.25 in FY 2015 and $2.50 in FY 2016. 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 Alexandria and Northern Virginia.

In FY 2014, the City's share of the regional subsidy to NVCC is $286,927, or 6.3% percent of the total local capital request of $4.56 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 $1.75 per capita. This year, the CIP continues the requested rate of growth in the City's contribution to $2.00 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)

Linking to the City's Strategic Plan

Goal 4 – Children, Youth & Families

- LTO: Increase the educational attainment of all adult City residents
- LTO: Increase the number of high school graduates that go on to being involved in productive post-secondary activities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

FY 2014 funding is increased by $846 based on revised population numbers. Planned funding in FY 2015 – 2023 is reduced based on using a 1% population growth factor as opposed to a 2% population growth factor as was used in prior fiscal years. Current year population estimates are updated annually based on information received from NVCC.

Additional Operating Budget Impact

An impact on the annual operating budget is not anticipated.

Table A: Alexandria Contribution

City of Alexandria NVCC Contribution			
Fiscal Year	[1]Population Estimate	Proposed Rate Per Capita	FY 2014-23 Proposed Contribution
2014	143,464	$ 2.00	$ 286,928
2015	144,899	$ 2.25	$ 326,022
2016	146,348	$ 2.50	$ 365,869
2017	147,811	$ 2.50	$ 369,528
2018	149,289	$ 2.50	$ 373,223
2019	150,782	$ 2.50	$ 376,955
2020	152,290	$ 2.50	$ 380,725
2021	153,813	$ 2.50	$ 384,532
2022	155,351	$ 2.50	$ 388,377
2023	156,904	$ 2.50	$ 392,261

[1]FY 2014 population figures are from the Weldon Cooper Center for Public Service (revised 1/30/2012). FY 2015 through FY 2023 assume 1% growth annually.

Table B: Regional Jurisdiction Contribution

Contribution by Jurisdiction				
Jurisdiction	Population Estimate	FY 2014 Proposed Rate	*FY 2014 Proposed Contribution	Percent of Total Contribution
Alexandria City	143,464	$ 2.00	$ 286,927	6.3%
Arlington County	214,373	$ 2.00	$ 428,746	9.4%
Fairfax City	22,866	$ 2.00	$ 45,732	1.0%
Fairfax County	1,096,023	$ 2.00	$ 2,192,046	48.0%
Falls Church City	12,567	$ 2.00	$ 25,135	0.6%
Loudoun County	324,337	$ 2.00	$ 648,674	14.2%
Manassas City	39,060	$ 2.00	$ 78,120	1.7%
Manassas Park City	14,540	$ 2.00	$ 29,080	0.6%
Prince William County	414,531	$ 2.00	$ 829,062	18.2%
TOTAL	2,281,761	$ 2.00	$ 4,563,520	100.0%

* Dollar amounts rounded

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
OCA: 215327
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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*179,931*	*0*	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	3,708,540
Financing Plan													
Prior City Funding	*179,931*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	3,708,540
Total Financing Plan	*179,931*	*0*	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	370,854	3,708,540
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

Basis of Project Cost Estimation: FY 2014 funding based on request submitted by NVRA. Details of the cost estimation can be found in the project description and justification section.

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. The Northern Virginia Regional Park Authority's FY 2013 capital budget totals $5,370,996, of which $4,852,996 is to be funded by capital contributions from the participating jurisdictions. The balance of $518,000 is to be funded by NVRPA operating revenues from fees. Of the FY 2013 NVRPA capital budget total, the City's share is $370,854. 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 comprising 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)

Linking to the City's Strategic Plan

Goal 2 – Health & Environment

- LTO: Improve city residents' general health status
  - IO: Increase the community's use of parks and recreation facilities

Goal 1 – Economic Development

- LTO: Increase resident satisfaction of the appearance of their neighborhoods and the City as a whole
  - IO: Increase resident satisfaction with the physical condition of recreation facilities and open space

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

FY 2014 – 2023 funding is increased by $10,992 annually based on a revised calculation by NVRPA regarding capital contributions from each participating jurisdiction. The revised calculation involved updating population numbers to 2011 estimates (prior year plan was based on 2007 estimates).

Additional Operating Budget Impact

In FY 2014, $272,729 is included as part of the General Fund operating budget for the City's share of operating budget costs at the Northern Virginia Regional Park Authority. These funds are budgeted on an annual basis, so there is no additional impact to the operating budget associated with this project.

TABLE A: Regional Jurisdiction Contribution

	[1]2011 Estimated Population	[1]Per Capita Cost	Percent of Total Pop.	FY 2014 Capital Request
City of Alexandria	144,301	$ 2.57	7.92%	$ 370,854
Arlington County	216,004	$ 2.57	11.86%	$ 555,130
City of Fairfax	22,549	$ 2.57	1.24%	$ 57,951
[2]Fairfax County	1,100,692	$ 2.57	60.42%	$ 3,000,000
Falls Church City	12,751	$ 2.57	0.70%	$ 32,770
Loudoun County	325,405	$ 2.57	17.86%	$ 836,291
Totals	1,821,702	$ 2.57	100.00%	$ 4,852,996

[1] For FY 2014, population figures are based on U.S. Census "Annual Estimates of the Resident Population for Counties of Virginia" as of July 2011, with a release date of April 2012. The Per Capita Cost remains unchanged from FY 2013.

[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
OCA: 224006

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 (02/13)	*Unallocated (02/13)*	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY 2014-2023
Expenditure Budget	*90,950*	*0*	115,465	109,738	104,085	98,506	0	0	0	0	0	0	427,794
Financing Plan													
Prior City Funding	*90,950*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	115,465	109,738	104,085	98,506	0	0	0	0	0	0	427,794
Total Financing Plan	*90,950*	*0*	115,465	109,738	104,085	98,506	0	0	0	0	0	0	427,794
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

Basis of Project Cost Estimation: City 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 50 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 2014, a debt service payment of $115,465 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.

Linking to the City's Strategic Plan

Goal 6 – Public Safety

- LTO: Improve how safe the public feels in the community
  - IO: Maintain safety standards of public spaces and facilities

External or Internal Adopted Plan or Recommendation

- N/A

Details of Changes from Prior Year Approved Plan

No change from prior year approved plan.

Additional Operating Budget Impact

In FY 2014, $521,289 is included as part of the General Fund operating budget for the City's share of operating budget costs at the Peumansend Regional Jail. These funds are budgeted on an annual basis, so there is no additional impact to the operating budget associated with this project.

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ALEXANDRIA CITY COUNCIL

William D. Euille, Mayor

Allison Silberberg, Vice Mayor

John T. Chapman
Timothy B. Lovain
Redella S. Pepper
Paul C. Smedberg
Justin Wilson

CITY MANAGER

Rashad M. Young

INFORMATION TECHNOLOGY STEERING COMMITTEE

Tom Trobridge, Chief Information Officer/Director, Information Technology Services
Laura Triggs, Chief Financial Officer, Finance Administration
Earl Cook, Police Chief, Alexandria Police Department
Mike Gilmore, Director, Department of Community and Human Services
Adam Thiel, Fire Chief, Alexandria Fire Department
Rich Baier, Director, Transportation and Environmental Services
Rose Dawson, Director, Alexandria Public Library System
Karl Moritz, Deputy Director, Planning and Zoning
Anne Stutts, AJIS Coordinator, Office of Circuit Court Judges Chambers

ITS STAFF

Tom Trobridge, Chief Information Officer/Director, Information Technology Services
Shelly Ryan, Deputy Director, Information Technology Services
Vanetta Pledger, Network Management Division Chief, Information Technology Services
Curtis Ney, Enterprise Business Systems Support Division Chief, Information Technology Services
James Colevas, Acting Operations Division Chief, Information Technology Services
Suellen Savukas, Project Management Division Chief, Information Technology Services
Troy Seals, IT Project Manager, Information Technology Services

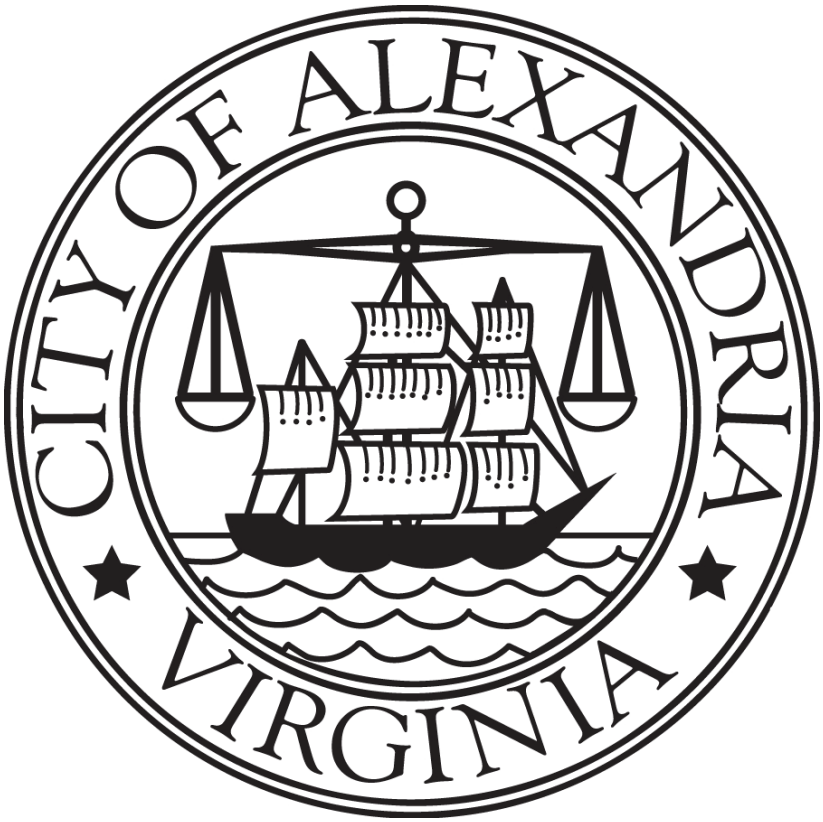
ALEXANDRIA INFORMATION TECHNOLOGY COMMISSION

Darrlynn Franklin	Nina Baliga	Rachid Chaker	Redella Pepper
Marjorie Conner	John Scott	Justin Wilson	Phillip Acosta
Lynda Rudd	Margaret Leary	Steven Cooper (Chair)	

2012 Digital Cities Survey Award

Alexandria's technology initiatives were ranked eighth in the nation for cities of its size, according to an annual study by the National League of Cities and the Center for Digital Government. The survey recognizes municipalities that successfully incorporate information technology into operations to better serve constituents and businesses. Recognized cities have continued to realize operational objectives despite financial challenges by strategically investing to maximize dollars and effectively conduct the business of government.

The City has finished in the top ten every year since 2005.


CITY OF ALEXANDRIA
VIRGINIA

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Information Technology Plan Preface

The City of Alexandria's Information Technology Plan is the framework within which the City's annual information technology work is conducted. The focus of the IT Plan changes as the City's business needs and the technology environment changes.

Ultimately, City Council strategic planning goals inform IT project funding priorities. Projects recommended for funding must support a Council strategic goal.

In September 2012, the City Manager established a Capital Improvement Program (CIP) Process Improvement Team to evaluate the City's existing CIP review process and to develop a system for linking CIP decisions with the City's key strategic priorities. The goal is to ensure that the capital improvement process is more strategic and relevant.

The CIP Process Improvement Team was asked to make recommendations about the process that would allow the City to:

- Leverage our 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 and scored;
- Determine how projects relate to the Strategic Plan;
- Determine how projects are addressed in the budget given current budget constraints.

At the highest level of discussion, the CIP Process Improvement Team provided principles to guide the CIP budget development process.

Guiding Principle	Description
Fair, Open, and Objective Evaluation	Using a more complete evaluation tool aligning projects with the City's long-term and intermediate outcomes and also providing an opportunity for evaluation and consensus. This will lead to a stronger set of project recommendations.
Quality Submissions	Creation of a new CIP project submission form, designed to collect relevant information used in the evaluation of the projects. Ultimately, the information collected in the project submission will be used in the CIP document to provide a clear, concise, and consistent project description throughout the document.
Transparency	Allow the public and departments to understand how funding decisions regarding projects included in the CIP are made. The process improvements also include more opportunities for interdepartmental review through the Peer Technical Review Committee and the Cluster groups.
Linking to the Strategic Plan	Integrate the work on the work planning process, including long term and intermediate outcomes and the work of the clusters. Funding decisions are made based on the City's Strategic Plan, and made in a more objective manner.

The recommended process for the development of the CIP budget is as follows:

1. Create project descriptions for new and revised CIP projects.

2. Score projects using an evaluation checklist tool.

3. Provide the ranked list to the cluster representatives or the IT Steering Committee.

4. Allow IT Steering Committee feedback on the ranking of the projects, along with the projects in the CIP that are not proposed for funding or other changes.

5. Request feedback from the City Manager’s Office where recommendations are needed prior to finalizing the CIP project rankings.

6. Produce the proposed IT/CIP Plan.

This year however, this process was truncated because work needed on the development of the CIP, while staff waited for the CIP Process Improvement Team's recommendations. The CIO was directed to review all IT/CIP submissions and prioritize them using the evaluation tool developed by OMB, the CIP Submission Ranking Matrix. The CIO's project ranking and funding recommendations were submitted to OMB and were endorsed by the department heads at a department head budget work session.

The Ranking Matrix was used to evaluate projects using 20 separate criteria, grouped according to the City's Guiding Principles:

1. Alignment With Strategic Plan
2. Executes Against Our Strategy and Accountability for Results
3. Promotes Leadership and Ownership at All Levels
4. Promotes Excellence, Creativity, and Entrepreneurship

This year's IT Plan projects reflect varied needs, but essentially all support at least one of the City's Strategic Goals and are consistent with the City's Strategic Plan and the City's Guiding Principles.

The proposed FY 2014 - FY 2019 IT Plan, which totals $24.7 million over this six-year period, with the general fund financing $17.8 million of this cost, reflects:

- $8.7 million in funding over six fiscal years to support Systems Development projects;
- $16 million in funding over six fiscal years to protect infrastructure investments such as network wiring, switches and other components;

These elements and projects will be critical to improving City services. That is the foundation of all that the Information Technology Plan supports.

Information Technology Goals and Principles

The City's goals and principles for the application and management of information technology (IT) provide the framework for managing and delivering key IT services to support the City's business.

City Information Technology Goals

The City's goals for the use of IT are to:

- Effectively and efficiently manage the City's information and technology assets to improve service delivery and customer support to the enterprise.
- Strive, where practical, to reduce costs while improving the value of IT services to the City;
- Meet the business needs of the City departments through the application of appropriate information technologies solutions that are in line with the City's strategic direction and goals.
- Exercise good stewardship in the development of information technology systems projects through the application of industry standard project management policies and practices that eliminates departmental stovepipes and aligns IT investments with functional portfolios.
- Continue to improve the quality, quantity and access to electronic information and services for residents, businesses and City staff; and
- Seek, where practical, to implement joint IT projects with the City government, the Alexandria Library and the Alexandria City Public Schools (ACPS).

Executive Summary

Information Technology Initiatives

Enterprise Resource Planning (ERP) Suite Implementation

The City finalized a contract with Tyler Technologies in December 2011 for Tyler's Enterprise Resource Planning (ERP) software suite. Once the implementation is finalized, it will improve the automation and support of a range of administrative and management applications, including Human Resources, Payroll, General Ledger, Purchasing, Asset Management, Budgeting, Contract Management and Accounts Payable. Most of these modules will be in operation by May 2013.

The City's goals in procuring and implementing an ERP solution include (but are not limited to):

- Reduced data entry requirements, saving staff time and reducing errors;
- Enterprise-wide access to data from all system modules (with appropriate security limits in place);
- Improved integration of required data between and among various ERP modules, to facilitate access to real-time information.

The ERP acquisition and implementation supports the City's Strategic Plan goal of improving the effectiveness and efficiency of City programs and activities as well as continuously improving its ability to manage resources. The IT Plan includes $3.4 million in previously approved funding and $0.5 million in additional funding for implementation costs in FY 2014 for this project.

Computer Aided Dispatch/Records Management System Replacement

The City created a Department of Emergency Communications (DEC) that has assumed responsibility for all city emergency dispatch systems, thereby consolidating Alexandria Fire Department (AFD) and Alexandria Police Department (APD) communications. DEC requires a state-of-the-art Computer Aided Dispatch (CAD) system that meets the consolidated requirements of Police, Fire and Sheriff in order to provide the greatest measure of reliability and assured response to the region while performing this critical public safety function 24 hours a day, 365 days a year. A new system is also required due to the age and near-term obsolescence of the current system.

CAD interfaces with both the Police and Fire Records Management System (RMS). Each RMS houses historical data and is used to provide critical information and data analysis to support tactical decisions on the scene, as well as determine future directions. The tight integration between CAD and RMS necessitates the simultaneous replacement of the CAD system, Police RMS, Fire RMS as well as seamless integration with a new Police/Fire mobile data system to sustain complete interoperability.

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 will implement the system over the next 24 months.

AFD will upgrade their RMS utilizing the current support vendor while the new APD RMS will be implemented under a separate contract with primary vendor negotiations currently underway and expects to be completed by the end of FY 2013. Interfaces for both the upgraded Fire RMS and new Police RMS will be developed concurrently with the TriTech CAD/Mobile implementation.

The IT Plan funding for this project includes $13.8 million funded in previous CIP years, and $600,000 in FY 2014. This project, budgeted at $14.4 million over three fiscal years, is the largest IT project in the IT Plan.

Permitting System Replacement Project

The City's land development process is supported by multiple City agencies, many workflow processes and several computerized systems. These processes and systems support 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. Additionally, the City supports administrative and City ordinance processes such as site plans; developmental special use permits; special use permits; Board of Architectural Review cases; Board of Zoning Appeal cases; certificates of occupancy; Code modifications; vacant building registrations; unfit properties; hauling; reserved parking; complaint processes regarding maintenance of existing structures; civil penalties; fire inspections; and tenant/landlord complaints.

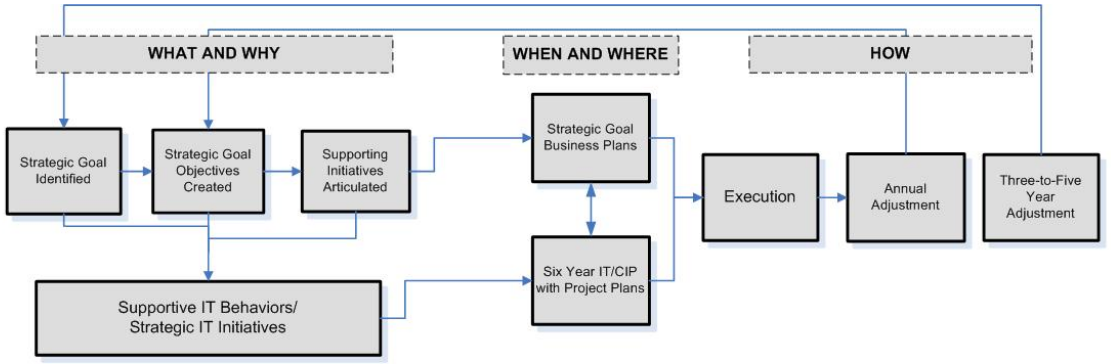
The City's primary computerized permitting system is approximately 20 years old and has reached the end of its useful life. The City plans to replace this legacy software with up-to-date technology that will help address the City's current challenges to provide online permit processing, online payments, and online plan review.

The IT Plan funding for this project includes $700,000 in FY 2014, $1.2 million in FY 2015, and $29,000 in FY 2016.

City's Strategic Goal Process

In 2010, the City revised its Strategic Plan goals in collaboration and partnership with the Alexandria community. The resulting seven strategic goals are shown below. City Council has directed that City staff consider the Strategic Plan goals when developing, implementing or reviewing the delivery of public services, and in presenting requests for fiscal resources. In addition, Alignment with the City's Strategic Plan is the first of the City's four Guiding Principles.

The City's Information Technology Plan has been developed in keeping with this guidance. The graph below shows the process for ensuring that all IT projects that appear in the IT Plan support the City's strategic goals.



Seven Strategic 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:	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.

More about the City's strategic planning process can be found on the City's website at http://alexandriava.gov/StrategicPlanning.

A chart that associates each IT Plan project with the Strategic Plan goal that it supports is on the next page.

Strategic Plan Goals and Supporting IT Plan Projects

Goal 1:	*Alexandria has quality development and redevelopment, support for local businesses and a strong, diverse and growing local economy.*
Supporting IT Projects:	>Geographic Information System Development >Permit Processing >NEW Small Business Development Center Website

Goal 2:	*Alexandria respects, protects and enhances the health of its citizens and the quality of its natural environment.*
Supporting IT Projects:	>DCHS Medical Records Management >DCHS HIPAA Data Security

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

Goal 4:	*Alexandria is a community that supports and enhances the well-being, success and achievement of children, youth and families.*
Supporting IT Projects:	>DCHS Payment System Replacement

Goal 5:	*Alexandria is financially sustainable, efficient, community oriented and values its employees.*	
Supporting IT Projects:	>Electronic Government >Customer Relationship Management System >Enterprise Resource Planning System >Library Replacement Equipment >Business Tax System >Real Estate Accounts Receivable System >Personal Property Tax System >Finance Payment Kiosk >Virtual Adjudication >Purchasing System Upgrade >Reciprocity Contractor System >Customer Management System >Enterprise Maintenance Management System >NEW Email Messaging	>LAN/WAN Infrastructure >LAN Development >Enterprise Data Storage Infrastructure >Upgrade Workstation Operating Systems >Network Server Infrastructure >Voice Over IP >Database Infrastructure >Handheld Data Collection Devices >IT Enterprise Management System >IT Replacement Equipment >Document Management and Imaging Infrastructure >Real Estate Assessment System >NEW Enterprise Collaboration

Goal 6:	*The City protects the safety and security of its residents, businesses, employees and visitors.*	
Supporting IT Projects:	>Public Safety Radio System Replacement >Alexandria Justice Information System >Remote Radio Technology Project >Computer Aided Dispatch System Replacement >Fire Radios >Network Security >Connectivity Initiatives	>Fire Records Management Project >EMS Records Management Project >NEW Radio Network Upgrade

Goal 7:	*Alexandria is a caring and inclusive community that values its rich diversity, history and culture and promotes affordability.*
Supporting IT Projects:	>Library Wireless Solution >Library LAN/WAN Infrastructure >Fort Ward I-Net Connectivity >Recreation Database & Financial System

Changes to the IT Plan from the Prior Fiscal Year

The FY 2014 to FY 2019 Information Technology Capital Improvement Plan (IT/CIP) total of $24.7 million continues the City's Information Technology agenda. The IT/CIP total of $24.7 million in City funding compares with $36 million in City funding in the FY 2013 to FY 2018 Information Technology Capital Improvement Plan. This represents a decrease of $11.4 million in project funding. The decrease is primarily attributable to refinements in pricing estimates and cost reductions resulting from contract negotiations.

The City proposed funding for the FY 2014 – FY 2019 IT Plan is as follows:

	City Share	Outside Revenues	Total
FY 2014	$5,210,000	$1,054,000	$6,264,000
FY 2015	$3,705,000	$1,054,000	$4,759,000
FY 2016	$2,200,000	$1,054,000	$3,254,000
FY 2017	$2,250,000	$1,054,000	$3,304,000
FY 2018	$2,500,000	$1,054,000	$3,554,000
FY 2019	$2,500,000	$1,054,000	$3,554,000
Total	**$18,365,000**	**$6,324,000**	**$24,689,000**

FY 2020 – FY 2023 Funding Estimates

In keeping with City Council's request to estimate CIP funding for 10 fiscal years, attached is the estimated IT Plan funding for FY 20 – FY 23. It is worth noting that precise budgeting for technology 10 years into the future is highly speculative – primarily due to its rapid and unpredictable development. With that in mind, we can reasonably expect to be funding maintenance and improvements in the broader category areas as follows:

Information Technology
Capital Improvement Plan For FY 2020 to FY 2023
8-Feb-13

CIP Project ID	Project Title	FY 2020	FY 2021	FY 2022	FY 2023
TOTAL Net Costs - All Information Technology CIP Projects		3,554,000	3,554,000	3,554,000	3,554,000
015-014 Systems Development		1,300,000	1,300,000	1,300,000	1,300,000
015-014-1	*Public Access Development*	*200,000*	*200,000*	*200,000*	*200,000*
015-014-2	*Document Management Systems*	*50,000*	*50,000*	*50,000*	*50,000*
015-014-3	*Financial and Human Resource Systems*	*400,000*	*400,000*	*400,000*	*400,000*
015-014-4	*Geographic Information Systems*	*100,000*	*100,000*	*100,000*	*100,000*
015-014-5	*Public Safety Systems*	*425,000*	*425,000*	*425,000*	*425,000*
015-014-7	*Other System Development Projects*	*125,000*	*125,000*	*125,000*	*125,000*
015-015 Infrastructure Projects		*2,254,000*	*2,254,000*	*2,254,000*	*2,254,000*
015-015-1	*Network Services*	*1,150,000*	*1,150,000*	*1,150,000*	*1,150,000*
015-015-3	*Enterprise Services*	*50,000*	*50,000*	*50,000*	*50,000*
015-015-4	*Connectivity Projects*	*1,054,000*	*1,054,000*	*1,054,000*	*1,054,000*

These are high-level estimates that will change as specific initiatives are identified and recommended, closer to the year in question.

New Projects for FY 2014 – FY 2019

Email, Messaging, and Conferencing System – This project provides funds of $75,000 in FY 2014 to help fully prepare and strategically align City policy requirements and onsite infrastructure requirements including Active Directory integration, desktop client readiness, and mobile device compatibility. This funding will also be used to complete the Lync Online deployment, pilot initiatives relating to the latest releases of the hosted services, email security and unified communications.

Enterprise Collaboration – This project provides funds of $200,000 in FY 2014 for the implementation of a comprehensive enterprise wide collaboration platform leveraging our existing SharePoint Online licensing. The Information Technology Services

department requested funding to support this strategic initiative with professional services, licensing, training, and additional hardware infrastructure.

Radio Network Upgrade – This project provides funds of $61,237 in FY 2014, to upgrade the multiplex cards which allow the City to light fiber on the City's dark fiber radio system. Upgrading the multiplex cards will provide greater reliability and longevity of the public safety radio system as the current multiplex cards have reached the end of their life cycle.

Small Business Development Center Web Site – This project provides funds of $60,000 in FY 2014 so that the Small Business Development Center can update the public web site for the Alexandria Small Business Development Center at alexandriasbdc.org. The website will facilitate bringing assistance to local small businesses in Alexandria.

Existing Project Highlights

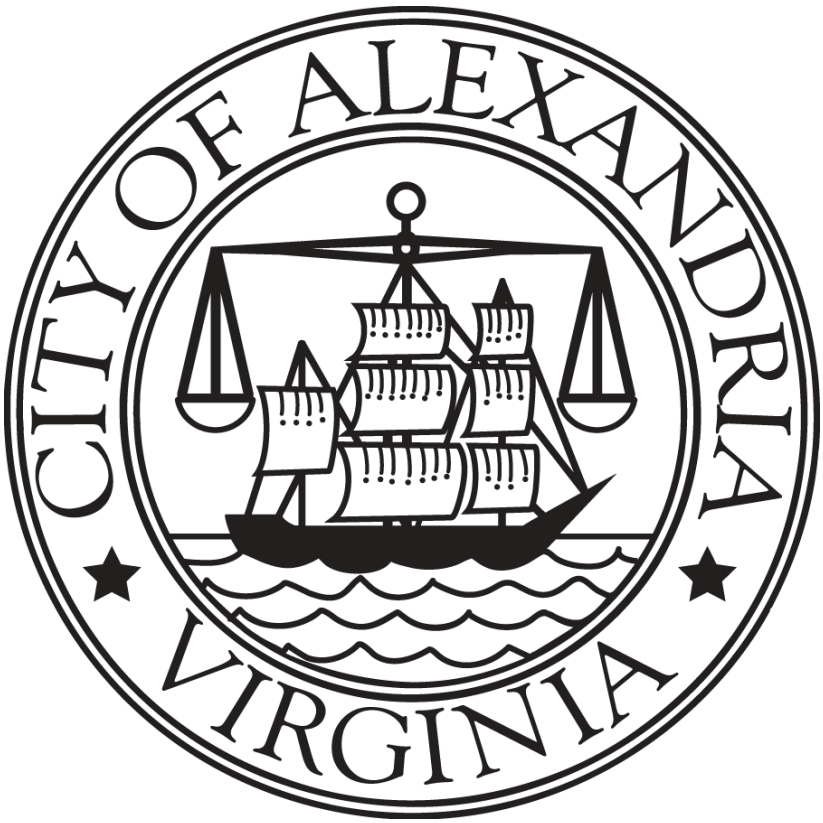
Enterprise Resource Planning – This project provides funds for $0.5 million in FY 2014 for resources related to the implementation of the Enterprise Resource Planning software suite. The ERP software suite will improve automation and support a range of administrative and management applications, including Human Resources, Payroll, General Ledger, Purchasing, Asset Management, Budgeting, Contract Management and Accounts Payable. Most of these modules will be operational in May 2013.

Customer Relationship Management System– This project provides $50,000 in FY 2014 for enhancements to the Customer Relationship Management System (CRM). The City launched a new application in January 2013 called Call.Click.Connect (CCC), which was implemented in part through funding from the CRM project. CCC provides central coordination of requests for service from external customers. City staffs use CCC to enter requests made by phone, email, or in person. The system provides for consistent, automatic assignment and scheduling of work; status update 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.

Geographic Information Systems - This project supports the continuation of critical Geographic Information System requirements and new initiatives as outlined in the FY 2013-FY 2017 GIS Strategic Plan. The GIS Strategic Plan identifies opportunities for more robust GIS services to assist the City in avoiding many inefficiency costs. Greater investment in these GIS opportunities will result in a net positive return on investment for the City. Areas of need include application and database support and development, ongoing biennial base map maintenance, desktop software and web application maintenance, and implementation of the "Common Solutions" described in the GIS Strategic Plan, located on the City's website at:

http://alexandriava.gov/gis/info/default.aspx?id=62126 FY 2014 funds will be used to extend current GIS GARI development, assist with data and tasks for Cityworks development, and to replace the GIS Scanner and Plotter. Funds in the remaining years will support the ongoing function of GIS in the City.

Permit Processing - The City's 20-year-old permitting system is at the end of its useful life and must be replaced with a modern, feature-rich system. $700,000 is budgeted in FY 2014 and $1.2 million in FY 2015 should provide sufficient funding for required software and services.


CITY OF ALEXANDRIA
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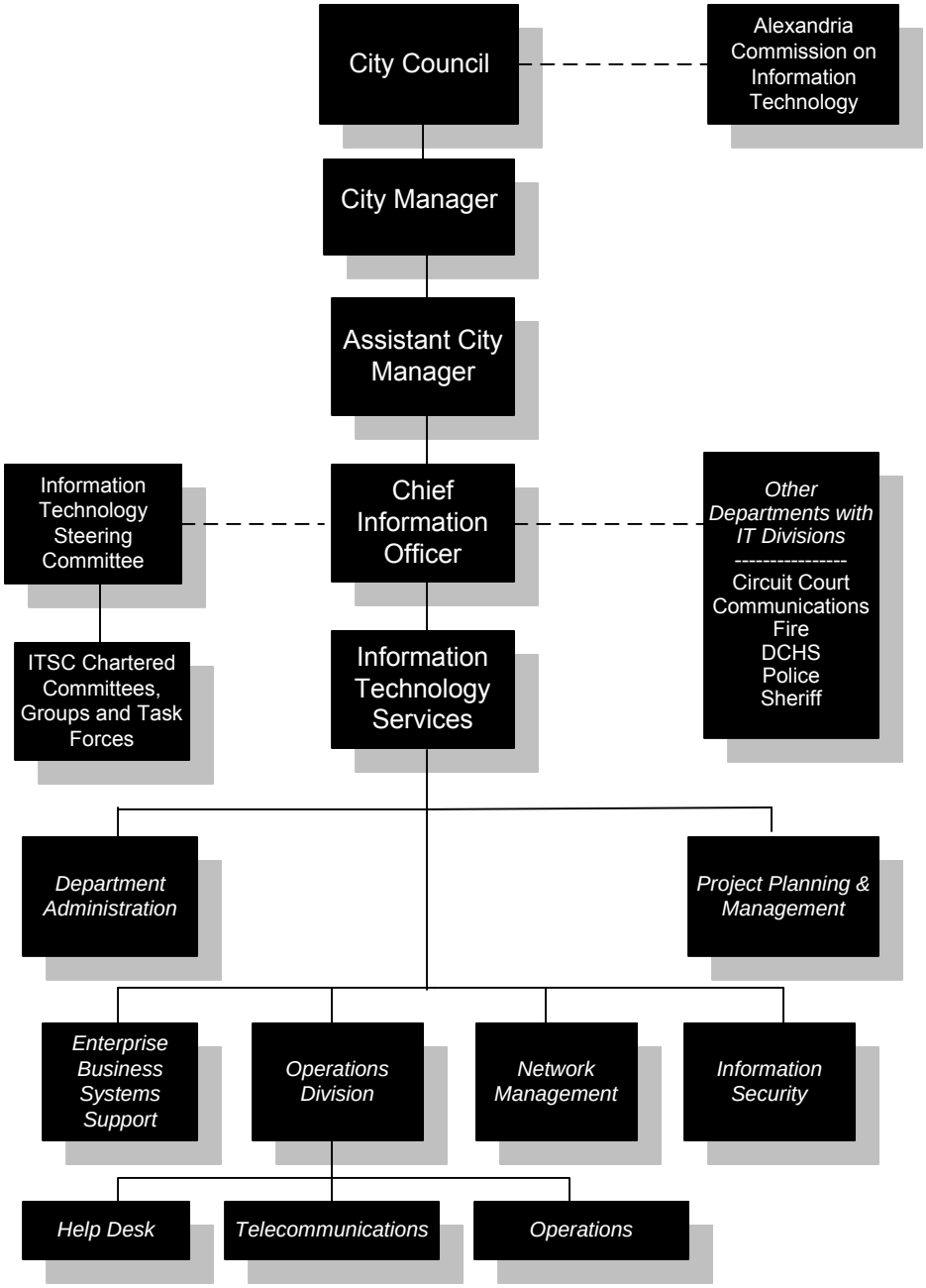
Organization of City Information Technology Resources



Alexandria Commission on Information Technology

The Commission, established by City Council in 1997 through Ordinance 3953, is an advisory group to the City government. The Commission's purpose is to make recommendations to and advise the City government in the formulation and implementation of information and technology policy, and promote resident participation in the formulation of such policy. The Commission also annually reviews the City Manager's proposed Information Technology Plan. Names of members of the Commission are listed at the front of this document.

Information Technology Services Department

The City's ITS department is responsible for the centralized operation of the City's information technology services, support and IT infrastructure. The ITS department is organized to provide a flexible, efficient and effective structure to manage information technology operations and investments to support the City's strategic goals, business processes and enterprise-wide information needs. The ITS department includes the following groups that provide these services:

<u>Department Administrative Services</u>
Responsible for department human resources processing, office management, billing, meeting and schedule coordination, simple purchase management, reception and training administration.

<u>Information Security Office</u>
This section is responsible for the assessment, formulation and implementation of enterprise-wide IT security policies.

<u>Project Management Division</u>
Responsible for planning, management and assessment of enterprise IT projects, complex purchase management, budgeting, and financial management.

<u>Operations Division</u>
This division consists of three sections, Help Desk, Telecommunications Systems, and Operations. Help Desk is responsible for end-user technical customer service support; Telecommunications Systems performs day-to-day troubleshooting and operations

equipment deployment services; construction, moves, and relocation coordination. Operations also processes scheduled production jobs for payroll.

Enterprise Business Systems Support Division

This division is responsible for enterprise applications and database administration, data standardization, integration and information exchange. Computer programming and database administration functions are centrally managed by the Enterprise Business Systems Support Division.

Network Management Division

This division is responsible for the management of the Institutional Network (I-Net), e-mail systems and enterprise server systems (including server replacement) and connectivity.

Departmental IT Staff Support

In addition to the City's ITS Department, there are six other departments and agencies that have internal information technology support capabilities. These departmental staff coordinate their activities with ITS.

Office of Communications and Public Information – This office has oversight for all of the City's E-Government functions, including the City's websites, content management system (CMS), use of social media, and intranet. The office also coordinates communications standards and guidelines for public-facing technology projects throughout the enterprise. An E-Government Manager and six positions have IT functions as part of their daily responsibilities.

Circuit Court IT — The Alexandria Justice Information System (AJIS) Coordinator, with a staff of 5, manages IT services for the Courthouse and for customers of the AJIS system including free and fee-based public access users. The AJIS application is under constant improvement and upgrade as requested by the customer base and State mandates. Services provided by the IT group include support for over 150 computer workstations, a variety of servers, six high-speed document scanners, and over 50 networked printers for a user base of over 500 users. Circuit Court IT maintains file-and-print services, user data storage, database management, web-based customer interface (in cooperation with the Office of Communications' E-government team) and VPN access to State and other justice agencies such as the Virginia Supreme Court, State Police, LInX (Law enforcement Information eXchange) and the VINElink (Victim Information and Notification Everyday) service.

Supported departments include: Alexandria Police Department, Alexandria Sheriff's Office, Circuit Court Judges' Chambers, Clerk of the Circuit Court, Commonwealth's Attorney's Office, Court Service Unit, General District Court, Office of Probation and Parole, Office of the Public Defender, and the Office on Women section of the Department of Community and Human Services.

Fire Department – The Department's four (4) IT staff support Fire and EMS Operations, records management, the Professional Development Center, Fire Maintenance and other Fire-specific computer systems. The Fire IT Team also maintains the Telestaff personnel management system; operates the Department's specialized time and attendance system interfaced to the City Payroll system; responds to Help

Desk requests for specialized department systems, hardware, and software; and supports systems that provide performance management data for decision-making, e.g., incidents and responses, response times, employee injuries and accidents, and ambulance billing. The Team also assists in supporting the Department of Emergency Communications infrastructure, including the computer aided dispatch (CAD) system and inter-jurisdictional CAD-to-CAD integration. They coordinate with ITS staff to support Emergency Management and the Emergency Operations Center. Fire IT staff support mission-critical servers, almost 200 computer workstations and over 90 mobile computers.

The Department of Community and Human Services — The Department of Community and Human Services (DCHS) was formed in 2010 through the merger of the Department of Human Services, The Mental Health / Mental Retardation / Substance Abuse Department and the Office on Women. DCHS Technology Services Division is led by the Division Chief of Technical Services and comprises 10 information technology professionals. The Division is charged with providing all IT services for this department of 584 FTEs. Staff provides technical support, and continuously builds, enhances, and maintains department specific applications and databases accessed by staff and clients at various locations throughout the city including the Mt. Vernon Avenue Human Services facility, JobLink employment center, the Center for Alexandria's Children (CAC) the Adult Day Services Center, Child Assessment and Treatment Center for Health (CATCH), the Mental Health Center on St. Asaph Street, the Mill Road Substance Abuse center, CSB Vocational Services, the West-End Club House, the Alexandria Detention Center, and over 40 other residential sites and Schools. Specific applications the DCHS IT team supports include the Harmony system, which is vital to administration of the Comprehensive Services Act and other social services; the Anasazi Electronic Health Record (EHR); and the Homeless Management Information System (HMIS), used by member organization of the Homeless Services Coordinating Committee and other community homeless services providers. As security and confidentiality of much of the data generated and used by this department are critical, IT staff continues to monitor and ensure system and user compliance with the Health Insurance Portability and Accountability Act (HIPAA) through technical security assessments, best practices and periodic risk analyses. Department staff also ensures that DCHS users of State IT systems, such as those used to process and track public assistance programs and other social services, comply with State security policies and procedures.

Police Department — The Technology, Data and Analysis Division (TDAD) has three primary functions: management of the Department's IT infrastructure and services; coordination of strategic and tactical crime analysis; and management of department records and information services. Major systems supported include the mobile data terminals, a law enforcement records management system (CRIMES), various analytical programs, several regional data sharing systems, as well as the Strategic Response System (SRS). The Police IT network, all users, over 500 desktop and mobile computers, Crime Analysis, and Records Management are supported by 6 IT Professionals, 3 analysts, 5 sworn officers, and 23 support staff (including records clerks).

Alexandria Sheriff's Office — The Technology and Information Management Unit (TIM) within the Office of the Sheriff has a staff of 3. The team supports IT initiatives related to the Sheriff's Office, coordinates activities with the ITS, and works with other City agencies, local government, and state agencies on such initiatives. Major systems supported by TIM include: the Public Safety Center Security System, which manages all access to, from and within the Public Safety Center and its perimeter; the Alexandria Justice Information System (AJIS) for booking, jail management, criminal and traffic case information; the Livescan System, which captures and downloads scanned finger and palm prints and mug shot photographs directly to State, Federal and Regional databases; the Video Arraignment System, that allows prisoners to appear via video before a judge for arraignment , the Laiserfiche system, which provides for the transfer of hard copy documents into electronic format (scanning, storage and retrieval), and the Pretrial Community Corrections system (PTCC), which communicates defendant case management data of the Alexandria Criminal Justice Services Program to the State Department of Criminal Justice Services. TIM administers first level help desk support and training for standard City applications for 215 users utilizing 115 workstations, various printers (networked and local), and other computer peripherals.

Summary Totals

The following table summarizes proposed spending on Information Technology for FY 2014 to FY 2019. Detailed descriptions of each project follow the summary.

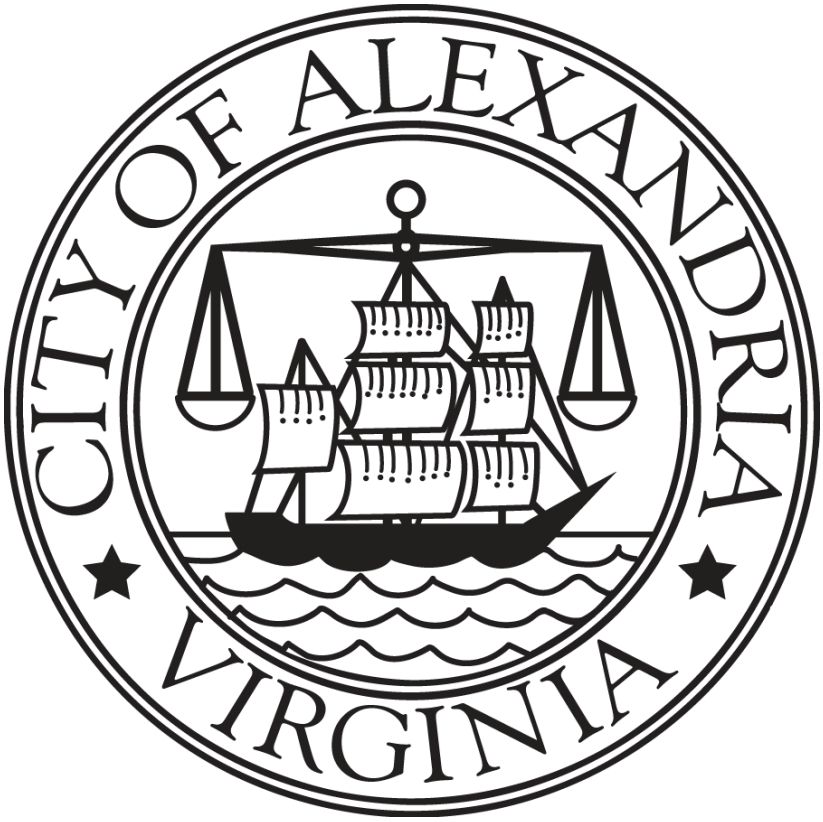
Information Technology
Capital Improvement Plan For FY 2014 to FY 2019
22-Feb-13

	CIP Project ID	Project Title	Net Totals	Net Balances Prior Year	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	TOTAL Net Costs - All Information Technology CIP Projects		***32,897,311***	***8,208,311***	**6,264,000**	**4,759,000**	**3,254,000**	**3,304,000**	**3,554,000**	**3,554,000**
	015-014 Systems Development		***13,784,048***	***5,079,311***	**2,928,737**	**1,905,000**	**990,000**	**760,000**	**1,275,000**	**846,000**
1	***015-014-1***	***Public Access Development***	***1,727,340***	***367,340***	***110,000***	***250,000***	***250,000***	***250,000***	***250,000***	***250,000***
2	015-014-1-2	Electronic Government		317,340	0	250,000	250,000	250,000	250,000	250,000
3	015-014-1-3	Customer Relationship Management System		50,000	50,000	0	0	0	0	0
4	015-014-1-4	NEW Small Business Development Center	0	0	60,000	0	0	0	0	0
5										
6	***015-014-2***	***Document Management Systems***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
7	015-014-2-1	DCHS Medical Records Management		0	0	0	0	0	0	0
8	015-014-2-2	Document Management and Imaging Infrastructure		0	0	0	0	0	0	0
9										
10	***015-014-3***	***Financial and Human Resource Systems***	***2,129,000***	***1,044,000***	***660,000***	***75,000***	***100,000***	***100,000***	***75,000***	***75,000***
11	015-014-3-2	Real Estate Assessment System		0	0	0	0	0	0	0
12	015-014-3-3	Enterprise Resource Planning System		500,000	500,000	75,000	100,000	100,000	75,000	75,000
13	015-014-3-6	Business Tax System		89,000	60,000	0	0	0	0	0
14	015-014-3-7	Real Estate Accounts Receivable		400,000	0	0	0	0	0	0
15	015-014-3-9	Personal Property Tax System		0	100,000	0	0	0	0	0
16	015-014-3-10	Finance Payment Kiosk		10,000	0	0	0	0	0	0
17	015-014-3-11	Virtual Adjudication		20,000	0	0	0	0	0	0
18	015-014-3-13	Reciprocity Contractor System		0	0	0	0	0	0	0
19	015-014-3-14	Customer Management System		0	0	0	0	0	0	0
20	015-014-3-16	Handheld Data Collection Devices		25,000	0	0	0	0	0	0
21										
22	***015-014-4***	***Geographic Information Systems***	***980,000***	***100,000***	***160,000***	***280,000***	***150,000***	***190,000***	***0***	***100,000***
23	015-014-4-1	GIS Development		100,000	160,000	280,000	150,000	190,000	0	100,000
24										
25	***015-014-5***	***Public Safety Systems***	***6,415,608***	***3,102,371***	***1,161,237***	***100,000***	***461,000***	***220,000***	***950,000***	***421,000***
26	015-014-5-1	Public Safety Radio System Replacement		0	0	0	0	0	0	0
27	015-014-5-2	Alexandria Justice Information System (AJIS) Enhancements		151,000	100,000	0	0	0	0	0
28	015-014-5-4	Fire Records Management Project		85,871	0	0	0	0	0	0
29	015-014-5-6	EMS Records Management System		21,500	0	0	0	0	0	0
30	015-014-5-13	Computer Aided Dispatch System Replacement		2,400,000	600,000	100,000	461,000	220,000	950,000	421,000
31	015-014-5-15	Fire Radios /1		420,000	400,000	0	0	0	0	0
32	015-014-5-16	Remote Radio Technology		24,000	0	0	0	0	0	0
33	015-014-5-17	NEW Radio Network Upgrade		0	61,237	0	0	0	0	0

Information Technology
Capital Improvement Plan For FY 2014 to FY 2019
22-Feb-13

	CIP Project ID	Project Title	Net Totals	Net Balances Prior Year	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
34	***015-014-7***	***Other System Development Projects***	***2,532,100***	***465,600***	***837,500***	***1,200,000***	***29,000***	***0***	***0***	***0***
35	015-014-7-1	Permit Processing		205,600	700,000	1,200,000	29,000	0	0	0
36	015-014-7-4	DCHS HIPAA Data Security Compliance		75,000	25,000	0	0	0	0	0
37	015-014-7-5	Enterprise Maintenance Management System		185,000	35,000	0	0	0	0	0
38	015-014-7-6	DCHS Payment System		0	77,500	0	0	0	0	0
39	015-014-7-12	Library Wireless Solution		0	0	0	0	0	0	0
40	015-014-7-15	Recreation Database System		0	0	0	0	0	0	0
41										
42	***015-015***	***Infrastructure Projects***	***19,113,263***	***3,129,000***	***3,335,263***	***2,854,000***	***2,264,000***	***2,544,000***	***2,279,000***	***2,708,000***
43										
44	***015-015-1***	***Network Services***	***19,113,263***	***3,129,000***	***3,335,263***	***2,854,000***	***2,264,000***	***2,544,000***	***2,279,000***	***2,708,000***
45	015-015-1-1	LAN/WAN Infrastructure		550,000	175,000	370,000	0	275,000	260,000	300,000
46	015-015-1-2	LAN Development		65,000	25,000	0	0	0	0	0
47	015-015-1-3	Enterprise Data Storage Infrastructure		0	300,000	0	0	0	0	144,000
48	015-015-1-4	Upgrade Work Station Operating Systems		0	200,000	200,000	200,000	200,000	200,000	200,000
49	015-015-1-5	Network Server Infrastructure		100,000	300,000	300,000	500,000	400,000	175,000	175,000
50	015-015-1-6	IT Equipment Replacement		0	200,000	200,000	200,000	200,000	200,000	200,000
51	015-015-2-2	Voice Over IP Telephony		125,000	450,000	500,000	150,000	150,000	350,000	150,000
52	015-015-2-3	Network Security		150,000	250,000	190,000	0	225,000	0	300,000
53	015-015-2-5	Database Infrastructure		60,000	40,000	40,000	160,000	40,000	40,000	160,000
54	015-015-3-4	IT Enterprise Management System		0	0	0	0	0	0	0
55	015-015-3-5	Connectivity Initiatives		2,039,000	1,054,000	1,054,000	1,054,000	1,054,000	1,054,000	1,054,000
56	015-015-4-1	Library LANWAN Infrastructure		0	0	0	0	0	0	0
57	015-015-4-2	Library Replacement Equipment		0	66,263	0	0	0	0	0
58	015-015-5-1	Fort Ward INET		40,000	0	0	0	0	0	0
59	015-015-5-3	NEW Email, Messaging, and Conferencing System		0	75,000	0	0	0	0	25,000
60	015-015-5-5	NEW Enterprise Collaboration		0	200,000	0	0	0	0	0

/1 In the FY 13 - FY 18 IT/CIP, the City made a commitment to fund the Fire Radios project in the amount of $1.2 million over 3 years. Due to a restricted level of funding, this project is unfunded in FY 15. This funding shortall will be addressed next year in the context of overall CIP funding considerations, at which time funds may be restored.


CITY OF ALEXANDRIA
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Operating Impacts

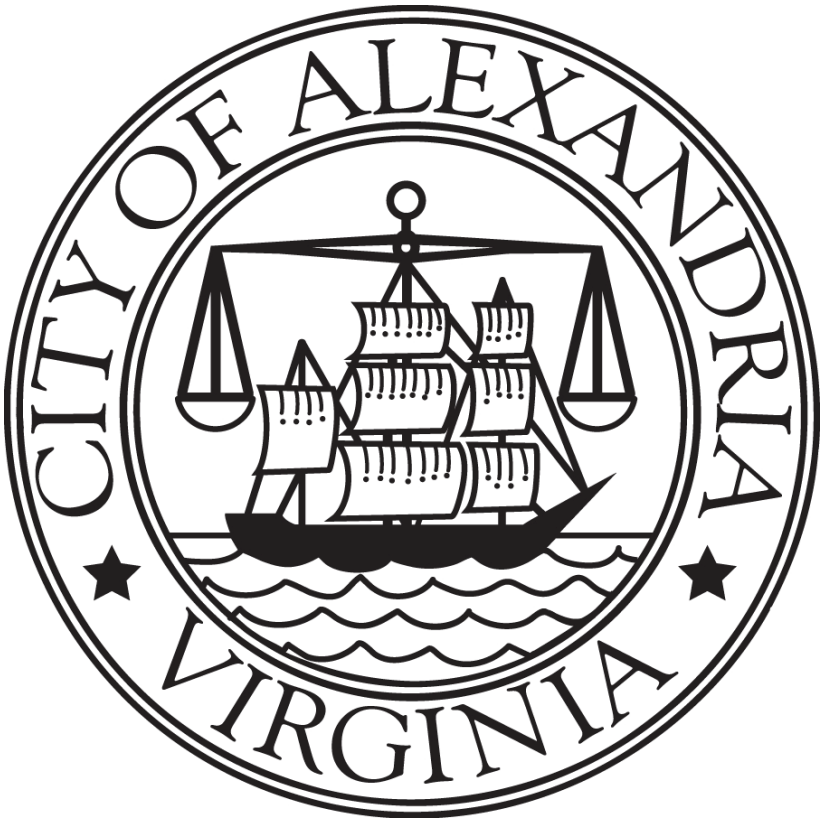
The following table summarizes the estimated impacts of the costs of operating current IT systems as well as the operating costs of implementation of relevant projects included in the FY 2014 – FY 2019 Information Technology Plan of the City's operating budget.

Information Technology
Capital Improvement Plan For FY 2014 to FY 2019 - Estimated Operating Impacts
22-Feb-13

	CIP Project ID (1)	Project Title (2)	Net Totals (3)	FY 2014 (5)	FY 2015 (6)	FY 2016 (7)	FY 2017 (8)	FY 2018 (9)	FY 2019 (10)
	TOTAL Net Costs - All Information Technology CIP Projects		***13,538,645***	**918,360**	**2,192,116**	**2,384,005**	**2,552,146**	**2,680,987**	**2,811,030**
	015-014 Systems Development		***5,978,444***	**-245,272**	**982,852**	**1,129,099**	**1,255,964**	**1,370,378**	**1,485,424**
1	***015-014-1***	***Public Access Development***	***870,897***	***131,060***	***136,710***	***142,059***	***147,713***	***153,582***	***159,773***
2	015-014-1-2	Electronic Government		123,760	128,710	133,859	139,213	144,782	150,573
3	015-014-1-3	Customer Relationship Management System		5,300	6,000	6,200	6,500	6,800	7,200
4	015-014-1-4	NEW Small Business Development Center	0	2,000	2,000	2,000	2,000	2,000	2,000
5									
6	***015-014-2***	***Document Management Systems***	***499,248***	***83,208***	***83,208***	***83,208***	***83,208***	***83,208***	***83,208***
7	015-014-2-1	DCHS Medical Records Management		38,208	38,208	38,208	38,208	38,208	38,208
8	015-014-2-2	Document Management and Imaging Infrastructure		45,000	45,000	45,000	45,000	45,000	45,000
9									
10	***015-014-3***	***Financial and Human Resource Systems***	***2,082,217***	***319,002***	***329,483***	***340,273***	***354,658***	***365,538***	***373,263***
11	015-014-3-2	Real Estate Assessment System		35,672	37,099	38,583	40,126	41,731	43,400
12	015-014-3-3	Enterprise Resource Planning System		163,218	168,114	173,158	181,816	190,907	198,543
13	015-014-3-6	Business Tax System		22,000	23,000	24,000	25,000	25,000	25,000
14	015-014-3-7	Real Estate Accounts Receivable		21,200	22,000	22,660	23,300	25,000	25,000
15	015-014-3-9	Personal Property Tax System		127,300	131,000	135,000	139,000	139,000	139,000
16	015-014-3-10	Finance Payment Kiosk		-20,000	-20,000	-20,000	-20,000	-20,000	-20,000
17	015-014-3-11	Virtual Adjudication		-5,304	-5,516	-5,737	-5,966	-6,205	-6,453
18	015-014-3-13	Reciprocity Contractor System		7,828	8,063	8,305	8,554	8,810	9,075
19	015-014-3-14	Customer Management System		1,560	1,622	1,687	1,755	1,825	1,898
20	015-014-3-16	Handheld Data Collection Devices		1,200	1,200	1,200	1,200	1,200	1,200
21									
22	***015-014-4***	***Geographic Information Systems***	***1,049,928***	***158,288***	***164,620***	***171,200***	***178,050***	***185,180***	***192,590***
23	015-014-4-1	GIS Development		158,288	164,620	171,200	178,050	185,180	192,590
24									
25	***015-014-5***	***Public Safety Systems***	***108,782***	***-1,111,300***	***72,856***	***155,224***	***239,771***	***329,613***	***422,619***
26	015-014-5-1	Public Safety Radio System Replacement		582,400	605,696	629,924	655,121	681,326	708,579
27	015-014-5-2	Alexandria Justice Information System (AJIS) Enhancements		171,600	178,460	185,600	193,030	200,750	208,750
28	015-014-5-4	Fire Records Management Project		46,000	0	0	0	0	0
29	015-014-5-6	EMS Records Management System		-2,000,000	-2,000,000	-2,000,000	-2,000,000	-2,000,000	-2,000,000
30	015-014-5-13	Computer Aided Dispatch System Replacement		0	1,200,000	1,248,000	1,297,920	1,349,837	1,403,830
31	015-014-5-15	Fire Radios		85,000	85,000	88,000	90,000	94,000	97,760
32	015-014-5-16	Remote Radio Technology		2,500	2,500	2,500	2,500	2,500	2,500
33	015-014-5-17	NEW Radio Network Upgrade		1,200	1,200	1,200	1,200	1,200	1,200

Information Technology
Capital Improvement Plan For FY 2014 to FY 2019 - Estimated Operating Impacts
22-Feb-13

	CIP Project ID	Project Title	Net Totals	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
	(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)
34	***015-014-7***	***Other System Development Projects***	***1,367,372***	***174,470***	***195,974***	***237,135***	***252,564***	***253,258***	***253,971***
35	015-014-7-1	Permit Processing		33,000	34,500	75,000	75,000	75,000	75,000
36	015-014-7-4	DCHS HIPAA Data Security Compliance		5,600	5,750	5,900	6,050	6,200	6,350
37	015-014-7-5	Enterprise Maintenance Management System		66,000	66,000	66,000	66,000	66,000	66,000
38	015-014-7-6	DCHS Payment System		56,690	76,049	76,049	90,800	90,800	90,800
39	015-014-7-12	Library Wireless Solution		3,300	3,400	3,500	3,600	3,700	3,800
40	015-014-7-15	Recreation Database System		9,880	10,275	10,686	11,114	11,558	12,021
41									
42	***015-015***	***Infrastructure Projects***	***7,560,200***	***1,163,632***	***1,209,265***	***1,254,906***	***1,296,182***	***1,310,609***	***1,325,607***
43									
44	***015-015-1***	***Network Services***	***7,560,200***	***1,163,632***	***1,209,265***	***1,254,906***	***1,296,182***	***1,310,609***	***1,325,607***
45	015-015-1-1	LAN/WAN Infrastructure		73,040	75,580	78,220	80,970	83,830	86,800
46	015-015-1-2	LAN Development		5,200	5,408	5,624	5,849	6,083	6,327
47	015-015-1-3	Enterprise Data Storage Infrastructure		134,000	147,000	160,000	173,000	173,000	173,000
48	015-015-1-4	Upgrade Work Station Operating Systems		97,344	101,238	105,287	109,499	113,879	118,434
49	015-015-1-5	Network Server Infrastructure		171,000	175,000	179,000	183,000	183,000	183,000
50	015-015-1-6	IT Equipment Replacement		10,300	10,609	10,927	11,255	11,592	11,940
51	015-015-2-2	Voice Over IP Telephony		412,000	425,000	440,000	450,000	450,000	450,000
52	015-015-2-3	Network Security		65,000	67,500	67,500	67,500	67,500	67,500
53	015-015-2-5	Database Infrastructure		11,700	12,000	12,300	12,700	12,700	12,700
54	015-015-3-4	IT Enterprise Management System		48,448	50,386	52,401	54,497	56,677	58,944
55	015-015-3-5	Connectivity Initiatives		93,600	97,344	101,238	105,287	109,499	113,879
56	015-015-4-1	Library LANWAN Infrastructure		4,500	4,500	4,500	4,500	4,500	4,500
57	015-015-4-2	Library Replacement Equipment		2,500	2,500	2,500	2,500	2,500	2,500
58	015-015-5-1	Fort Ward INET		5,000	5,200	5,408	5,624	5,849	6,083
59	015-015-5-3	NEW Email, Messaging, and Conferencing System		15,000	15,000	15,000	15,000	15,000	15,000
60	015-015-5-5	NEW Enterprise Collaboration		15,000	15,000	15,000	15,000	15,000	15,000


CITY OF ALEXANDRIA
VIRGINIA

IT Projects That Have Been Closed

Voter System Replacement – This project has been closed as funding was provided in FY 2013 for voting equipment in preparation for the 2012 Presidential Election. No additional funding request is needed at this time.

Financial Accounting and Asset Management System – This project has been closed because these system needs are now being addressed through the Enterprise Resource Planning project.

Police Computer Aided Dispatch (CAD)/RMS – This project provided for maintenance of the City's Computer Aided Dispatch (CAD) and Records Management System (RMS). These systems, which provide the infrastructure base to collect and house all police data, will be replaced in the context of the Computer Aided Dispatch Replacement Project. Any remaining funds in this project will be used to maintain the City's current systems until the new systems become operational. The project will be discontinued as the new CAD/RMS system is fully implemented. Funding for equipment replacement for all CAD-related items (work stations, servers, etc.) now falls under the Department of Emergency Communications (DEC).

Projects Organization

Information Technology projects are organized into two broad categories:

Systems Development Projects, which are sub-divided as follows:

- Public Access Development
- Document Management Systems
- Financial and Human Resource Systems
- Geographic Information Systems
- Public Safety Systems
- Other Systems

Infrastructure Projects, which are sub-divided as follows:

- Network Services

Details of these projects and costs are shown on the following pages.

System Development Projects

This CIP project category supports mission-critical application systems in finance, geographic information and public safety, the development of automated document management services, and the development of the City's radio communications network for both public safety and operating government agencies.

_____

Public Access Development - Strategic Focus - IT continues to promote and develop increased focus on customer service and customer self-service. This strategy supports two goals – "24 by 7" access for customers for commonly used services, which reduces reliance on City staff resources. The City's recently launched Call.Click.Connect. application which was a collaborative effort between several City departments led by ITS, is a good example of these funds being put to use to streamline processes and improve services for Alexandria customers. Projects like these that have been supported by the IT Plan in the past and continue to be supported through E-Government initiatives, Customer Relationship Management, and the Small Business Development Center web site.

Public Access Development

	Prior Year Unallocated	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	TOTALS
Electronic Government	$317,340	$0	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000
Customer Relationship Management System	$50,000	$50,000	$0	$0	$0	$0	$0	$50,000
NEW Small Business Development Center Website	$0	$60,000	$0	$0	$0	$0	$0	$60,000
Total, Net City Cost	**$367,340**	**$110,000**	**$250,000**	**$250,000**	**$250,000**	**$250,000**	**$250,000**	**$1,360,000**

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Electronic Government

(015-014-1-2)

Project Description: What does this project do?

The E-Government project includes enhancements to, and applications for, the City of Alexandria's public web site at alexandriava.gov and related sites; the City's employee intranet infrastructure, content, and applications; and various wireless initiatives in the City to benefit both the general public and City employees.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • E-Government services are required to respond to customer expectations, provide efficient business processes, promote a modern workplace for employees, and support enterprise information technology initiatives.
Business Functions Addressed:	***How does this impact the business?*** • E-Government projects extend to nearly every aspect of City operations, including static information, interactive communication with customers, transaction-based services, online applications and reports, backend administrative functions, customer service, and employee productivity and morale.
Performance Expectation:	***How can we measure the project's success?*** • Each task or initiative within this project will have its own performance expectations and return on investment, which generally can be measured in terms of staff time, materials cost, and customer service. Overall, the project's success can be measured by tracking online usage, savings versus previous business processes, and interaction with customers.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This project supports City Council's goal of "a city government that is financially sustainable, efficient and community oriented, and values its employees."
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community-oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$250,000	$250,000	$250,000	$250,000	$250,000
Annual Operating Budget Impact	$123,710	$128,710	$133,860	$139,210	$144,780	$150,570

Changes from Prior Years and Other Information:
This project has a sufficient prior year balance to cover all initiatives planned in FY 2014. Funding has been extended through FY 2019.

Type of Request:
[ ] – New Project
[X] - Enhancement
[ ] - Maintenance/Continuation

Customer Relationship Management System

(015-014-1-3)

Project Description: What does this project do?

The goal of the Customer Relationship Management System (CRM) is to provide central coordination of requests for service from external customers. The City recently launched a new application branded Call.Click.Connect (CCC) which was implemented in part through 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 can use 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. Call.Click.Connect was launched in January 2013 for all City departments. 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 CY2009.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • This project is necessary to provide for efficient, consistent, and accountable handling of customer requests for service.
Business Functions Addressed:	***How does this impact the business?*** • This project improves efficiency, promotes interdepartmental communication, improves customer service and satisfaction, and provides for management oversight and accountability.
Performance Expectation:	***How can we measure the project's success?*** • The project is successful if it functions without significant barriers to meet the goals above. This can be measured through employee management and customer use, customer satisfaction, and trend analysis. This project also provides detailed statistics and reports that demonstrate how much work the City does, how often it is completed on time, and how often the same types of problems occur.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This project promotes a responsive government that makes efficient use of limited resources to provide a high level of customer service.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$50,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$5,300	$6,000	$6,200	$6,500	$6,800	$7,200

Changes from Prior Years and Other Information:

Funds in the amount of $50,000 have been approved in FY 2014 which will go towards additional enhancements to this base product.

Type of Request:

[X] – New Project
[ ] - Enhancement
[ ] - Maintenance/Continuation

NEW – Small Business Development Center Website

(015-014-1-4)

Project Description: What does this project do?

The Small Business Development Center website project includes funding to update the public web site for the Alexandria Small Business Development Center at alexandriasbdc.org. The website will facilitate bringing assistance to local small businesses in Alexandria. The Small Business Development Center assists small business owners to sufficiently understand complex issues like financial, legal, marketing, technology, and City processes. This assistance allows small businesses to overcome obstacles and focus on growth strategies. The Alexandria SBDC is a 501(c)(3) nonprofit organization hosted by the Alexandria Economic Development Partnership (AEDP) and partially funded by the US Small Business Administration and The City of Alexandria.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The Small Business Development Center (SBDC) assists small businesses during this time of slow economic growth.
Business Functions Addressed:	***How does this impact the business?*** • The SBDC assists small business owners to understand City processes thus allowing the growth of small businesses within the City of Alexandria..
Performance Expectation:	***How can we measure the project's success?*** • The SBDC measures the success of its efforts through an economic impact survey sent to clients each year.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This project supports City Council's goal of "a city government that is financially sustainable, efficient and community oriented, and values its employees."
Council Strategic Goal Supported:	***Goal 1:*** • Alexandria has quality development and redevelopment, support for local businesses and a strong, diverse and growing local economy.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$60,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$0	$2,000	$2,000	$2,000	$2,000	$2,000

Changes from Prior Years and Other Information:

This is a new project this year.

Document Management Systems – Strategic Focus – IT works to support initiatives that result in less paper and promote more efficient business practices by digitizing paper documents and supporting paperless processes. A primary objective with this strategy is cost reduction – with digitized documents, there is a reduction in storage space needed for paper documents, decreased printing costs, and a reduction in time required for filing paper. It is also faster to access documents that are stored electronically.

Document Management Systems

	Prior Year Unallocated	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	TOTALS
DCHS Medical Records Management	$0	$0	$0	$0	$0	$0	$0	$0
Document Management and Imaging Infrastructure	$0	$0	$0	$0	$0	$0	$0	$0
Total, Net City Cost	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Type of Request:
[ ] – New Project
[X] - Enhancement
[ ] - Maintenance/Continuation

DCHS Medical Records Management

(015-014-2-1)

Project Description: What does this project do?

The goal of this project is to migrate from a paper-based records system to an integrated, electronic medical record (EMR) system. Current efforts are geared toward capturing, storing, and managing information traditionally only available in hard copy by (1) implementing the use of electronic signature pads as well as (2) integrating document scanning and management into the Information Management process. Pads for both patient and clinician use will add efficiency to processing and will easily allow the signed forms to be stored electronically. Document scanning and management technology allow paper based information to be captured electronically and directly related to the patient's record – creating improved record storage, review, and reporting capabilities. It also allows patient information received electronically (emails, other electronic formats) to be imported and attached to the patient record.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Mandates and increased emphasis on implementing electronic health records
Business Functions Addressed:	***How does this impact the business?*** • Improved processing speed and reporting capabilities
Performance Expectation:	***How can we measure the project's success?*** • Enhanced access to patient information • Ensures compliance with industry certifications/standards and reporting requirements
Alignment with Mission:	***How does this project fulfill the City's mission?*** • City staff depends on this system to stay current with data security, availability, and reporting requirements.
Council Strategic Goal Supported:	***Goal 2:*** • Alexandria respects, protects and enhances the health of its citizens and the quality of its natural environment.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$38,210	$38,210	$38,210	$38,210	$38,210	$38,210

Changes from Prior Years and Other Information:

No additional funding is required at this time.

Document Management and Imaging System

(015-014-2-2)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[x] - Maintenance/Continuation

Project Description:

The Document Management System provides management of electronic documents and has become one of the most used applications in the City. Document Management maintains archives of maps, drawings, and documents, provides instant access to public records while keeping those records secure, and redefines some of the more cumbersome work processes in the City by reducing the document retrieval process from days to seconds – streamlining workflow and improving overall efficiency. It is anticipated that funding will be needed in the near future to support new programs that will come about as a result of the Enterprise Resource Planning System.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Ongoing need for records management – electronic information that is not rapidly accessible is of little value.
Business Functions Addressed:	***How does this impact the business?*** • Reduces storage and search costs for public records, improves security for staff and access for citizens.
Performance Expectation:	***How can we measure the project's success?*** • Continued easy access to information and services for residents, and reduced costs for storage and retrieval.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Management and retrieval of electronic records supports delivery of government services in the more efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000

Changes from Prior Years and Other Information:

The document imaging is becoming a more stable and mature application and no additional funding is required at this time.

Financial Systems – Strategic Focus – The strategic focus for Financial Systems is to improve current system capabilities by reducing and/or eliminating manual tasks, realize efficiencies through the acquisition and implementation of an enterprise resource management system, and maximize revenue collections by working to ensure all tax-based applications are modern, full-featured and reliable.

Financial Systems

	Prior Year Unallocated	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	TOTALS
Real Estate Assessment System	$0	$0	$0	$0	$0	$0	$0	$0
Enterprise Resource Planning System	$500,000	$500,000	$75,000	$100,000	$100,000	$75,000	$75,000	$925,000
Business Tax System	$89,000	$60,000	$0	$0	$0	$0	$0	$60,000
Real Estate Accounts Receivable	$400,000	$0	$0	$0	$0	$0	$0	$0
Personal Property Tax System	$0	$100,000	$0	$0	$0	$0	$0	$100,000
Financial Payment Kiosk	$10,000	$0	$0	$0	$0	$0	$0	$0
Virtual Adjudication	$20,000	$0	$0	$0	$0	$0	$0	$0
Reciprocity Contractor System	$0	$0	$0	$0	$0	$0	$0	$0
Customer Management System	$0	$0	$0	$0	$0	$0	$0	$0
Handheld Data Collection Devices	$25,000	$0	$0	$0	$0	$0	$0	$0
Total, Net City Cost	**$1,044,000**	**$660,000**	**$75,000**	**$100,000**	**$100,000**	**$75,000**	**$75,000**	**$1,085,000**

Real Estate Assessment System

(015-014-3-2)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • 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 assessed value per appraiser, and the number of parcels per appraiser have increased, but the number of appraisers has remained constant.
Business Functions Addressed:	***How does this impact the business?*** • The accurate and efficient assessment of real property in the City of Alexandria.
Performance Expectation:	***How can we measure the project's success?*** • Increased revenue and reduced costs.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • The project will improve the valuation processes and procedures, which supports over 50% of the City's total revenues.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$35,670	$37,100	$38,580	$40,130	$41,730	$43,400

Changes from Prior Years and Other Information:

No funds were provided for this project in this year's plan.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Enterprise Resource Planning System

(015-014-3-3)

Project Description: What does this project do?

The City has acquired an Enterprise Resource Planning software suite to improve the automation and support for a range of administrative and management applications, including Human Resources, Payroll, General Ledger, Purchasing, Asset Management, Budgeting, Contract Management and Accounts Payable. The new system, which will replace the City's current Payroll, Human Resources, Accounts Payable, Asset Management, Budgeting, Procurement and General Ledger Systems, will better manage and integrate our citywide resources. The ERP solution will be used by every department in the City, except those not currently using City-provided software solutions.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The current systems are limited in their capabilities or do not exist. • The current systems do not adequately incorporate the full range of functions required.
Business Functions Addressed:	***How does this impact the business?*** • The project will enhance productivity through more effective, secure and reliable distribution of administrative and management data to staff, through the automation of processes that are currently manual. The implementation of automated position control will ensure that budgeted positions are appropriately requisitioned and filled.
Performance Expectation:	***How can we measure the project's success?*** • The new system will provide electronic support for more business processes, reducing data entry requirements. • Enhanced capabilities, such as Employee Self Service will be available. • The new system will support the use of various administrative and management best practices. • The new system will enable, track and appropriately pay employees serving on multiple schedules.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • The ERP acquisition and implementation supports the City's Strategic Plan goal of improving the effectiveness and efficiency of City programs and activities as well as continuously improving its ability to manage resources.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$500,000	$75,000	$100,000	$100,000	$75,000	$75,000
Annual Operating Budget Impact	$163,220	$168,110	$173,160	$181,820	$190,910	$198,540

Changes from Prior Years and Other Information:

Funds for FY 2014 will be used to acquire additional contracted staff resources to keep the project on its ambitious schedule**.**

Business Tax Systems

(015-014-3-6)

Type of Request:
[ ] – New Project
[X] - Enhancement
[ ] - Maintenance/Continuation

Project Description: What does this project do?

This project supports the development of the City's business tax system. Some business-related tax information remains on applications that are based on database platforms that are no longer widely being used. Subsequent implementation phases of this project will include additional business taxes. The Revenue One application has a delinquent revenue collection management system; previous funding requests for a Delinquent Revenue Collection Management System were included in the scope of this project.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Upgrade was required to migrate from aging applications that are longer supportable. • Establish basis for future cost savings on enterprise system.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency though integration of collections and assessments and reduces the potential for data entry errors. • Improved data reporting options allow users to focus on specific areas.
Performance Expectation:	***How can we measure the project's success?*** • Reduction in overall cost per transaction for business tax account processed. • Increased delinquent business tax collection rates. • Improved customer service.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Providing better management of business taxes in order to maximize

	City revenues supports delivery of government services in the more efficient manner. • Provides more reliable access to other tax balances and other information.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$60,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$22,000	$23,000	$24,000	$25,000	$25,000	$25,000

Changes from Prior Years and Other Information:

Funds in the amount of $60,000 were provided in FY 2014 to upgrade system.

Real Estate Accounts Receivable System

(015-014-3-7)

Type of Request:
[ ] – New Project
[X] - Enhancement
[ ] - Maintenance/Continuation

Project Description: What does this project do?

This project comprises the collections and financial reporting portion of the City's real estate tax system. The current receivable system is on an outdated computer platform. This project provides funds to replace this older system with a robust integrated application.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Replacement is required because existing system that generates half of the City's general fund revenue is technologically antiquated and increasingly difficult to support.
Business Functions Addressed:	***How does this impact the business?*** • Will provide more efficient collection of funds with less management oversight.
Performance Expectation:	***How can we measure the project's success?*** • Enhanced functionality, better system interfaces, and better financial reporting information for taxpayers and staff.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Upgrades will improve the management and functionality of the system ensuring the delivery of government services in a more efficient manner.
Council Strategic Goal	***Goal 5:***

Supported:	• Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$21,200	$22,000	$22,660	$23,300	$25,000	$25,000

Changes from Prior Years and Other Information:

No additional funds were approved for this project in this year's plan.

Type of Request:

[ ] – New Project
[X] - Enhancement
[ ] - Maintenance/Continuation

Personal Property Tax System

(015-014-3-9)

Project Description: What does this project do?

The City's personal property tax system is a stand-alone PowerBuilder-based system that was developed in-house in the late 1990's and is modified as needed. This system should eventually be upgraded to use more current technology. In addition, once the City's business tax receivable and collection systems are in one enterprise tax system, the personal property system should also be integrated.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The operational cost of supporting this legacy system will continue to increase over time. • Opportunity to reengineer business processes to support collaborative tax information system.
Business Functions Addressed:	***How does this impact the business?*** • Introduction of integrated collection information
Performance Expectation:	***How can we measure the project's success?*** • Improved customer service to taxpayers who will be able to access all of their tax liabilities with a lower likelihood of errors. • Improved tax collection rates.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Implementation provides greater management and reliability of tax collection efforts.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$100,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$127,300	$131,000	$135,000	$139,000	$139,000	$139,000

Changes from Prior Years and Other Information:

Funds provided in FY 2014 of $100,000 are to upgrade or add this system.

Finance Payment Kiosk

(015-014-3-10)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

Stand-alone customer kiosks will allow citizens the ability to transact city business remotely. While many tax payments can be made online or through the mail, some tax related transactions still require a visit to City Hall. The City issues various parking permits for residents and their guests and the only way to obtain these passes is at City Hall. The design phase requirements of the pilot kiosk were completed in FY 2011. In FY 2012, the City Hall pilot was successfully deployed during the busy car tax season for walk-in customers. This project requests funds to place one to three self-serve payment kiosks in locations in other parts of the City, allowing residents access to certain transactions formerly limited to City Hall. Funds requested include funds to program and install one parking permit-ready kiosk. Tax payments can still be made online or by mail.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Citizens expect to be able to transact business remotely; implementation would be both an improvement in technology and investment in the City's remote-site infrastructure.
Business Functions Addressed:	***How does this impact the business?*** • Kiosks will allow processing groups of transactions instead of one transaction at a time. • Kiosks will reduce the risk of errors. • Kiosks may increase the demand for services.
Performance Expectation:	***How can we measure the project's success?*** • Reduction in overall cost per transaction.
Alignment with Mission:	***How does this project fulfill the City's mission?***

	• Provides citizens with greater access to City services, including more options for cash transactions by constituents who do not have banking services. •
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	($20,000)	($20,000)	($20,000)	($20,000)	($20,000)	($20,000)

Changes from Prior Years and Other Information:

No additional funds were approved for this project in this year's plan.

Virtual Adjudication

(015-014-3-11)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

The current adjudication process for contested tickets allows many tickets to be waived via email correspondence. Those citizens who request a hearing must still travel to Old Town for a hearing. Many private companies conduct this type of face-to-face business in a "virtual", Internet-based setting, allowing a hearing without the need to travel to City Hall. Allowing a virtual option would decrease the number of days the adjudication officer would need to be present.

The project would require Finance and ITS staff assistance in order to ensure that any "virtual" hearing room is accessible.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Immediate budget savings through reduced overhead. • Will reduce the physical security threats posed by face-to-face adjudication hearings.
Business Functions Addressed:	***How does this impact the business?*** • Provides another adjudication option for citizens.

Performance Expectation:	***How can we measure the project's success?*** • Decrease in cost per hearing • Improved convenience for citizens.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Implementation would increase citizen access and responsiveness of staff.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$(5,300)	($5,520)	($5,740)	($5,970)	($6,210)	($6,450)

Changes from Prior Years and Other Information:

No additional funds were approved for this project in this year's plan.

Reciprocity Contractor System

(015-014-3-13)

Type of Request:

[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This project replaces the existing computer application used to record reciprocity contractor gross receipts and payments for business license taxes. Reciprocity contractors must get a business license after reaching a certain annual gross receipt threshold. This system will track the amount of revenue earned for tax purposes thus establishing a more accurate means of reporting and allowing reciprocity contractors to file their taxes over the Internet.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The current system used to track reciprocity contractors is on a Clipper platform and is not interfaced to the current Business Tax system.
Business Functions Addressed:	***How does this impact the business?*** • Improves the quality of data upon which tax billing is based
Performance Expectation:	***How can we measure the project's success?*** • Improved customer service to taxpayers who will be able to access all of their tax liabilities with a lower likelihood of errors. • Improved tax collection rates.
Alignment with Mission:	***How does this project fulfill the City's mission?***

	• Implementation provides greater management and reliability of tax collection efforts.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$7,830	$8,060	$8,300	$8,550	$8,810	$9,080

Changes from Prior Years and Other Information:

No additional funds were approved for this project in this year's plan.

Customer Management System

(015-014-3-14)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This project replaces the existing queuing system in the Finance Tax Services Center. Funds will be used to procure hardware and software to upgrade from a single 'queue' to a multiple, virtual queue. This project will allow Finance management to track frequency and duration of walk in Finance customer transactions.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • This project is funded in FY 2017 to allow staff time to research the best options available.
Business Functions Addressed:	***How does this impact the business?*** • Facilitates the handling of walk-in customer transactions.
Performance Expectation:	***How can we measure the project's success?*** • Improved customer service to taxpayers. • Improved customer satisfaction as a result of less time spent waiting in line for service.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This project supports efficiency and community services.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$1,560	$1,620	$1,690	$1,760	$1,830	$1,900

Changes from Prior Years and Other Information:

No additional funds were approved for this project in this year's plan.

Type of Request:

[ ] – New Project
[ ] - Enhancement
[X] – Maintenance/Continuation

Handheld Data Collection Devices

(015-014-3-16)

Project Description: **What does this project do?**

This project provides funds to procure 11 handheld devices that will be used by Real Estate Assessment 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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Increased appraiser production and efficiency at a time when parcels have increased but staff numbers have remained constant.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency and accuracy of doing annual assessments on properties.
Performance Expectation:	***How can we measure the project's success?*** • An increase in efficiency of the annual assessment process.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • The project will enhance staff productivity by improving the efficiency of the Department's field work. This ultimately will allow the City's appraisers to visit more properties, and to capture additional new growth.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$1,200	$1,200	$1,200	$1,200	$1,200	$1,200

Changes from Prior Years and Other Information:

Funds were provided for this project in FY 2013 and no additional funds are required at this time.

Geographic Information Systems

Geographic Information Systems

	Prior Year Unallocated	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	TOTALS
GIS Development	$100,000	$160,000	$280,000	$150,000	$190,000	$0	$100,000	$880,000
Total, Net City Cost	**$100,000**	**$160,000**	**$280,000**	**$150,000**	**$190,000**	**$0**	**$100,000**	**$880,000**

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

GIS Development

(015-014-4-1)

Project Description: ***What does this project do?***
This project supports the continuation of critical Geographic Information System requirements and new initiatives as outlined in the FY2013-17 GIS Strategic Plan. Areas of need include application and database support and development, ongoing biennial base map maintenance, desktop software and web application maintenance.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The GIS Strategic Plan identifies opportunities for more robust GIS services to assist the City in avoiding many inefficiency costs. Greater investment in these GIS opportunities will result in a net positive return on investment for the City. • GIS provides extensive information through numerous GIS applications that address an array of business needs. • Staff cannot keep up with growing demand while maintaining the status quo.
Business Functions Addressed:	***How does this impact the business?*** • Provides resources to improve responsiveness to City staff, decision makers and the public in virtually all aspects of City operations.
Performance Expectation:	***How can we measure the project's success?*** • Ability to maintain current operations and expectations, with no reductions in service. • A more comprehensive web-based GIS front end that provides

	critical decision making information to those who need it, when they need it. A reduction in ad-hoc requests of GIS staff • Critical GIS components of new large IT system acquisitions are fully and effectively implemented.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Provides centralized access to information to create efficiencies in day to day operations throughout the organization, and improves the effectiveness of many processes and decisions.
Council Strategic Goal Supported:	***Goal 1:*** • Alexandria has quality development and redevelopment, support for local businesses and a strong, diverse and growing local economy.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$160,000	$280,000	$150,000	$190,000	$0	$100,000
Annual Operating Budget Impact	$158,290	$164,620	$171,200	$178,050	$185,180	$192,590

Changes from Prior Years and Other Information:

Funds programmed in FY 2014 will be used to extend current GIS GARI web development, assist with data and tasks for Cityworks development, and to replace the GIS Scanner and Plotter. Funds in the remaining years will support the ongoing function of GIS in the City. Additional funds may be requested in those years as the GIS Strategic Plan objectives are completed and new ones are initiated.

Public Safety Systems

Public Safety Systems – Strategic Focus – To ensure the reliability, security, and availability of all public safety systems and the data contained therein. These projects support City Council's Strategic Goal #6, "The City Protects the Safety and Security of its Residents, Businesses and Visitors."

Public Safety Systems

	Prior Year Unallocated	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	TOTALS
Public Safety Radio System Replacement	$0	$0	$0	$0	$0	$0	$0	$0
AJIS Enhancements	$151,000	$100,000	$0	$0	$0	$0	$0	$100,000
Fire Records management Project	$85,871	$0	$0	$0	$0	$0	$0	$0
EMS Records Management System	$21,500	$0	$0	$0	$0	$0	$0	$0
Computer Aided Dispatch System Replacement	$2,400,000	$600,000	$100,000	$461,000	$220,000	$950,000	$421,000	$2,752,000
Fire Radios	$420,000	$400,000	$0	$0	$0	$0	$0	$400,000
Remote Radio Technology	24,000	$0	$0	$0	$0	$0	$0	$0
NEW Radio Network Upgrade	$0	$61,237	$0	$0	$0	$0	$0	$61,237
Total, Net City Cost	**$3,102,371**	**$1,161,237**	**$100,000**	**$461,000**	**$220,000**	**$950,000**	**$421,000**	**$3,313,237**

Public Safety Radio System Replacement

(015-014-5-1)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This is a continuing project begun in FY 2005 to replace City subscriber radios that are lost, damaged, stolen or no longer economical to repair. Additional funding provided in FY 2009 of $50,000 for new radio dispatching equipment in the new Emergency Communications Center.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Necessary to maintain operational readiness for the City's users of the radio system, and ensure radio users operations at an optimum level.
Business Functions Addressed:	***How does this impact the business?*** • Improves the operational readiness for users and ensures direct interoperability with other jurisdictions within the national capital region.
Performance Expectation:	***How can we measure the project's success?*** • Supports necessary management decisions on maintaining operational readiness and communications interoperability.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Provides reliable access to information for public safety.
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$582,400	$605,700	$629,920	$655,120	$681,330	$708,580

Changes from Prior Years and Other Information:

There were no changes in this project from the prior year.

Alexandria Justice Information System (AJIS) Enhancements

(015-014-5-2)

Type of Request:

[ ] — New Project
[ ] — Enhancement
[X] — Maintenance/Continuation

Project Description: ***What does this project do?***

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 AJIS data to other local, regional and national law enforcement agencies. Additionally, it 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 other statistical needs. Funds are used for AJIS support, regular hardware upgrades needed to accommodate increased functionality, and expanded database storage including document and image archival. Software upgrades and updates are needed to maintain compatibility and warranty support.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Hardware upgrades are needed to continue with the recommended virtualization initiative. • Software upgrades are needed to maintain reliability, compatibility and warranty support. • Provide new functionality and reporting to support users' changing requirements, needs and mandates.
Business Functions Addressed:	***How does this impact business?*** • Ensures that AJIS will provide reliable and effective court and jail management functionality.
Performance Expectation:	***How can we measure the project's success?*** • High level of availability (up-time), accessibility and accuracy of pertinent information and reporting. • Positive user/staff feedback and timely completion of user requests.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Positive citizen feedback due to realized efficiencies performed by user departments. • Provides mandated citizen access to court data. • Comprehensive, uniform and accessible data allows for reliable and accurate statistics that help meet compliance and accreditation standards. • Improves and enhances public safety initiatives.
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$100,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$65,000	$65,000	$65,000	$65,000	$65,000	$65,000

Changes from Prior Years and Other Information:
In FY 2014 some funds moved from IT/CIP funding to the Courts operating budget. 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.

Fire Records Management Project

(015-014-5-4)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[x] - Maintenance/Continuation

Project Description: What does this project do?

The 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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Critical, recurring need to ensure Public Safety and the software and hardware that supports Public Safety.
Business Functions Addressed:	***How does this impact the business?*** • Provision and maintenance of hardware and software critical in providing emergency incident response.
Performance Expectation:	***How can we measure the project's success?*** • Computer equipment in constant use (24x7x365); there can be no down-time.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Protection of lives and property of City residents, workers, and visitors.
Council Strategic Goal	***Goal 6:***

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

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$46,000	$0	$0	$0	$0	$0

Changes from Prior Years and Other Information:

There are no changes in this project from the prior fiscal year.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[x] - Maintenance/Continuation

EMS Records Management System

(015-014-5-6)

Project Description: What does this project do?

The City uses a commercial, off-the-shelf (COTS) 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 the 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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Recurring requirement to gather and maintain essential Federal and State data derived from emergency incidents. • Critical step in recovering ambulance costs.
Business Functions Addressed:	***How does this impact the business?*** • Reports issued from the EMS RMS are transmitted to the City's ambulance billing firm for reimbursement of ambulance transport costs; crucial step in providing over +$2.0 million in annual revenues to the City.
Performance Expectation:	***How can we measure the project's success?*** • Confidentiality of patient records is maintained. • Federal and State reporting requirements are fulfilled. • City is reimbursed for provision of ambulance transport services.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Effective operation of this system ensures quality reporting of data and compliant ambulance billing practices.
Council Strategic Goal	***Goal 6:***

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

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	($2,000,000)	($2,000,000)	($2,000,000)	($2,000,000)	($2,000,000)	($2,000,000)

Changes from Prior Years and Other Information:

There are no changes in this project from the prior fiscal year.

[2] Provides minimum of $2.0M annually to the City Treasury resulting from partial recovery of ambulance billing transport costs

Type of Request:
[ ] – New Project
[ ] - Enhancement
[x] - Maintenance/Continuation

Computer Aided Dispatch System Replacement (CAD)

Records Management Systems (RMS), & Mobile Data Systems Replacement (015-014-5-13)

Project Description: What does this project do?

In 2010 the City created a Department of Emergency Communications (DEC) that has assumed responsibility for all City CAD services. The DEC requires a state-of-the-art CAD system that meets the consolidated requirements of Police, Fire and Sheriff in order to provide the greatest measure of reliability and assured response to the region while performing this critical public safety function around-the-clock. CAD also interfaces with the Police and Fire RMS. The RMS housing historical data is used to provide critical information to support tactical decisions on the scene, as well as determine future directions. This tight integration necessitates the simultaneous replacement of the Police and Fire RMS and the migration of existing databases into the new CAD and RMS system that is integrated seamlessly with a mobile data system to sustain complete interoperability.

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 will implement the system over the next 24 months.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The activation of DEC and subsequent consolidation of CAD operations coincides with the end of service life for the current Police and Fire CAD systems (12/2011). There are no product enhancements and limited vendor support to maintain the current system.
Business Functions Addressed:	***How does this impact the business?*** • DEC/Police/Fire will be operating state-of-the-art systems which will enable them to: • Provide reliable and assured response to the City's needs and meet regionally coordinated expectations. • Provide additional regional situation awareness. • Implementing additional technology enhancements. • Create or expand interfaces to other systems such as AJIS, EOC, and regional fingerprinting. • Have more efficient access to databases and reporting.
Performance Expectation:	***How can we measure the project's success?*** • Seamless transition to the new system with all required records and databases accessible upon implementation. • How well the new system meets the needs the Alexandria Police, Fire and Sheriff. •
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Enhanced ability to protect the safety and security of residents, businesses and visitors. • The City protects the safety and security of its residents, businesses, employees and visitors.
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$600,000	$100,000	$461,000	$220,000	$950,000	$421,000
Annual Operating Budget Impact	$0	$1,200,000	$1,248,000	$1,297,900	$1,350,000	$1,403,800

Changes from Prior Years and Other Information:

The IT Plan funding for this project included $3.6 million in FY 2012 funding, $10.2 million in FY 2013 and $0.6 million in FY 2014. This project, budgeted at $14.4 million over three fiscal years, is the largest IT project in the IT Plan.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Fire Radios

(015-014-5-15)

Project Description: What does this project do?

This project provides funds for the Fire Department to purchase 170 ruggedized Motorola ergonomic radios over three fiscal years. Funds in the amount of $30,000 were provided in FY 2012 to allow the Fire Department to do a pilot to test with four radios. A recommendation to seek funding to purchase additional radios was made based on this pilot program.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • As a result of the pilot test, Fire would like to provide the ergonomic radios for all Firefighters.
Business Functions Addressed:	***How does this impact the business?*** • Improved quality of communications and safety.
Performance Expectation:	***How can we measure the project's success?*** • Enables communications via radio technology.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • The proposal provides resources that help protect the City and its citizens.
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$400,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$85,000	$85,000	$88,000	$90,000	$94,000	$98,000

Changes from Prior Years and Other Information:

Funding was provided in FY 2013 of $420,000 to purchase 60 radios. This plan provides additional funding in FY 2014 for $400,000 to purchase 55 radios. Based on the original funding agreement of $1.2 million over 3 years, an additional 55 radios were to be procured in FY 2015. However, due to CIP funding restrictions, no funding for this project is provided in FY 2015. This funding shortfall will be addressed next year in the context of overall CIP funding considerations, at which time funds may be restored.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Remote Radio Technology

(015-014-5-16)

Project Description: **What does this project do?**

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 Sheriff's 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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Provides an increased level of safety for prisoner transports.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency of communications and can reduce costs to the agency and expand communication options.
Performance Expectation:	***How can we measure the project's success?*** • Enables communications outside the coverage area where communications previously did not exist.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • The proposal provides resources that help protect the City and its citizens.
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$2,500	$2,500	$2,500	$2,500	$2,500	$2,500

Changes from Prior Years and Other Information:

There are no new funding requests for this project in FY 2014.

NEW – Radio Network Upgrade

(015-014-5-17)

Type of Request:
[X] – New Project
[ ] - Enhancement
[ ] - Maintenance/Continuation

Project Description: **What does this project do?**

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 due to the age of the equipment. Upgrading this equipment will provide greater reliability and longevity to the public safety radio system.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The existing equipment has reached the end of its life cycle.
Business Functions Addressed:	***How does this impact the business?*** • Provides greater reliability and longevity for the public safety radio system.
Performance Expectation:	***How can we measure the project's success?*** • Reduction in equipment failure and greater reliability in equipment.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • The proposal provides resources that help protect the City and its citizens.
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$61,237	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$0	$1,200	$1,200	$1,200	$1,200	$1,200

Changes from Prior Years and Other Information:

This is a new project this year.

[4] There is no annual operating impact, because of an agreement with Comcast where they are responsible for the maintenance once the multiplex devices are placed into production.

Other Systems – Strategic Focus – The strategic focus for the 'Other Systems' category of IT projects is to ensure that funds remain committed for the development and acquisition of systems that support the variety and range of work in the City. These projects all support critical work that is not easily categorized.

Other Systems

	Prior Year Unallocated	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	TOTALS
Permit Processing	$205,600	$700,000	$1,200,000	$29,000	$0	$0	$0	$1,929,000
DCHS HIPAA Data Security Compliance	$75,000	$25,000	$0	$0	$0	$0	$0	$25,000
Enterprise Maintenance Management System	$185,000	$35,000	$0	$0	$0	$0	$0	$35,000
DCHS Payment System	$0	$77,500	$0	$0	$0	$0	$0	$77,500
Library Wireless Solution	$0	$0	$0	$0	$0	$0	$0	$0
Recreation Database System	$0	$0	$0	$0	$0	$0	$0	$0
Total, Net City Cost	**$465,600**	**$837,500**	**$1,200,000**	**$29,000**	**$0**	**$0**	**$0**	**$2,066,500**

Permit Processing

(015-014-7-1)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This project provides for the continued development of the City's various building-related permit systems, the most important of these is Permit Plan, 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. It 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. Members of the City's Permitting Committee work with staff from the various user departments to identify on-going system needs to address current and planned business practices such as on-line permitting and other enhancements to provide more customer interaction and improved service delivery.

The City began implementation of the new online module in April 2010, which allows citizens to apply online for sign, demolition, fire protection systems and trade permits.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • The city must make continued technical improvements in permit processing systems as customers embrace more advanced technologies. • The city must remain competitive with other jurisdictions who offer enhanced services that allow for more customer interaction and streamlined permit processing.
Business Functions Addressed:	***How does this impact the business?*** • Increased access to information by customers. • Increased communications via electronic means for status, comments, scheduling and results.
Performance Expectation:	***How can we measure the project's success?*** • A reduction in staff time required to complete permit management tasks.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Improved citizen access to permit information, inspection scheduling and inspection results.

	• Increased access to permit information by city personnel in the field or the office.
Council Strategic Goal Supported:	***Goal 1:*** • Alexandria has quality development and redevelopment, support for local businesses and a strong, diverse and growing local economy.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$700,000	$1,200,000	$29,000	$0	$0	$0
Annual Operating Budget Impact	$33,000	$34,500	$75,000	$75,000	$75,000	$75,000

Changes from Prior Years and Other Information:

Funds in the amount of $700,000 in FY 2014 and $1.2 million in FY 2015 are included to replace the City's existing permitting system, which has been in use for 20 years and is at the end of its useful life.

DCHS HIPAA Data Security Compliance

(015-014-7-4)

Type of Request:
[ ] – New Project
[x] - Enhancement
[ ] - Maintenance/Continuation

Project Description: What does this project do?

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.

The scope of this project includes 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 compliance issues. Recent uses of these funds have included increasing and enhancing remote access availability (via a secure Citrix connection), server and system security reviews and health checks. Future plans include incorporating a new application into our business process that will include an e-prescribing feature to allow prescriptions to be submitted electronically to pharmacies.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • To maintain compliance with regulations and mandates regarding health record confidentiality.
Business Functions Addressed:	***How does this impact the business?*** • Ensures continued access to and integrity of client data.
Performance Expectation:	***How can we measure the project's success?*** • Continued availability of client information by appropriate staff • Improved security and information assurance.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Ensures processes associated with health IT are monitored and improved to maintain industry certification(s) for confidentiality, integrity, and availability of health information.
Council Strategic Goal Supported:	***Goal 2:*** • Alexandria respects, protects and enhances the health of its citizens and the quality of its natural environment.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$25,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$5,600	$5,750	$5,900	$6,050	$6,200	$6,350

Changes from Prior Years and Other Information:

Funding of $25,000 was provided in FY 2014 to help ensure City compliance with new and ongoing regulations and/or mandates.

Enterprise Maintenance Management System

(015-014-7-5)

Type of Request:

[ ] – New Project
[X] - Enhancement
[ ] - Maintenance/Continuation

Project Description: What does this project do?

This project provides for the expansion of the Cityworks maintenance management software to additional departments throughout the City. Cityworks adds capacity for refined asset health information, and enables central access to information, improved reporting and scheduling of work. As the City purchased an enterprise license for the use of Cityworks, the only costs associated with additional departments usage of the system is in implementation and configuration. Funds are included in this project to expand this product to additional City departments.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Cityworks is the City's enterprise tool for managing work order requests.
Business Functions Addressed:	***How does this impact the business?*** • Centralizes work management information. • Provides for work cost accounting and planning. • Provides for infrastructure condition and inventory management. • Enables better customer relationship management.
Performance Expectation:	***How can we measure the project's success?*** • Department work performance goals attained. • Improved maintenance cost planning. • Improved internal work coordination. • Better response to customer expectations.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Provides better cost planning tools. • Provides improvements to customer service.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$35,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$66,000	$66,000	$66,000	$66,000	$66,000	$66,000

Changes from Prior Years and Other Information:

In FY 2013 the Transportation and Environmental Services Infrastructure Maintenance Management System project was combined with the Enterprise Maintenance Management project, as both projects fund work order system initiatives. The City also formed a subcommittee of the ITSC which will assist in determining enterprise wide funding for this project. Funding of $35,000 in FY 2014 was provided for ongoing development and enhancements based on recommendations by the new subcommittee.

DCHS Payment System Replacement

(015-014-7-6)

Type of Request:
[ ] – New Project
[X] - Enhancement
[ ] - Maintenance/Continuation

Project Description: What does this project do?

This project funds an additional module of the City's new Human Services payment system (Harmony, implemented in late 2009). This module enables Human Services vendors to view information about the clients enrolled in their programs, send and receive client notes, and post electronic copies of signed documents. It also gives the vendors the ability to submit and view services provided, view the status of claims and payments. Vendors can submit required paperwork, such as updated contract, accreditation, and licensure data online.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • This module will allow financial staff to assist with vendor issues. • The module will allow more effective contract work between DCHS and vendors when services and related activities change.
Business Functions Addressed:	***How does this impact the business?*** • Allow DCHS financial staff and CSA administrative staff to work more effectively with vendors and manage contracts, billing and payments. • Allow case workers, team members and institutions to see current information to make better decisions for DCHS clients.
Performance Expectation:	***How can we measure the project's success?*** • Savings in administrative support for both data entry tasks such as invoicing, edits, provider / institution demographics and more effective vendor assessments.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This project automates a manual process, improving efficiency and accuracy of data.
Council Strategic Goal Supported:	***Goal 4:*** • Alexandria is a community that supports and enhances the well-being, success and achievement of children, youth and families.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$77,500	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$56,690	$76,050	$76,050	$90,800	$90,800	$90,800

Changes from Prior Years and Other Information:

Funds of $66,263 provided in FY 2014 to purchase additional user seats.

[3] The operating budget impact anticipates increase users over time and increased licensing fees associated with those additional users.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Library Wireless Solution

(015-014-7-12)

Project Description: **What does this project do?**

This project funds the acquisition of multiple Internet access points to all four Library buildings to help improve the current service. The additional wireless access points will help address issues such as low bandwidth, lack of access points and will increase the availability of Internet service during high volume usage. This project will also enable better management of the wireless activity through usage reports.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Improved technology feature for a service used by the public.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency and customer service.
Performance Expectation:	***How can we measure the project's success?*** • Improved quality and patron satisfaction.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This IT investment will provide the library staff a more effective management tool.
Council Strategic Goal Supported:	***Goal 7:*** • Alexandria is a caring and inclusive community that values its rich diversity, history and culture and promotes affordability.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$3,300	$3,400	$3,500	$3,600	$3,700	$3,800

Changes from Prior Years and Other Information:

Funding was provided in FY 2013 in the amount of $20,000. No additional funding was included for this initiative in this year's plan.

Recreation Database System

(015-014-7-15)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: **What does this project do?**

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.

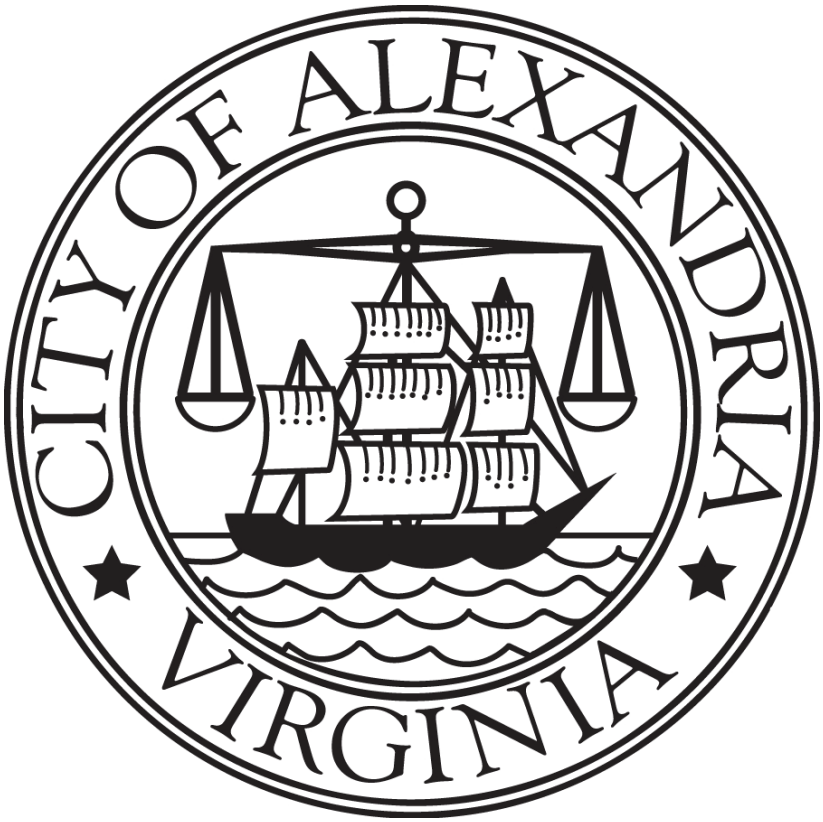
Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Improved technology feature has good return on investment.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency, customer service, and workforce productivity.
Performance Expectation:	***How can we measure the project's success?*** • Improved quality and patron satisfaction.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This IT investment will provide the Recreation staff a more effective management tool.
Council Strategic Goal Supported:	***Goal 7:*** • Alexandria is a caring and inclusive community that values its rich diversity, history and culture and promotes affordability.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$9,880	$10,280	$10,690	$11,110	$11,560	$12,020

Changes from Prior Years and Other Information:

Funding was provided in FY 2013 in the amount of $50,000 to make updates to the legacy system. No additional funding was approved in this year's plan.


CITY OF ALEXANDRIA
VIRGINIA

Infrastructure Projects

Infrastructure projects are essential in providing the ability to meet ongoing business challenges and to maintain current service levels.

Network Services – Strategic Focus – Network Services projects support connectivity and secure data and system access. The strategic focus for this area continues to be providing secure, reliable access to required systems and services, while taking advantage of technological advancements to reduce costs and increase performance.

Network Services

	Prior Year Unallocated	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	TOTALS
LAN/WAN Infra.	$550,000	$175,000	$370,000	$0	$275,000	$260,000	$300,000	$1,380,000
LAN Development	$65,000	$25,000	$0	$0	$0	$0	$0	$25,000
Enterprise Data Storage Infra.	$0	$300,000	$0	$0	$0	$0	$144,000	$444,000
Upgrade Work Station Operating	$0	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,200,000
Network Server Infra.	$100,000	$300,000	$300,000	$500,000	$400,000	$175,000	$175,000	$1,850,000
IT Equipment Replacement	$0	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,200,000
Voice Over IP	$125,000	$450,000	$500,000	$150,000	$150,000	$350,000	$150,000	$1,750,000
Network Security	$150,000	$250,000	$190,000	$0	$225,000	$0	$300,000	$965,000
Database Infrastructure	$60,000	$40,000	$40,000	$160,000	$40,000	$40,000	$160,000	$480,000
IT Enterprise Management System	$0	$0	$0	$0	$0	$0	$0	$0
Connectivity Initiatives	$2,039,000	$1,054000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$6,324,000
Library LAN/WAN Infrastructure	$0	$0	$0	$0	$0	$0	$0	**$**0
Library Replacement	$0	$66,263	$0	$0	$0	$0	$0	**$**66,263
Fort Ward INET	$40,000	$0	$0	$0	$0	$0	$0	**$**0
NEW – Email, Messaging, and Conf.	$0	$75,000	$0	$0	$0	$0	$25,000	$100,000
NEW – Enterprise Collaboration	$0	$200,000	$0	$0	$0	$0	$0	$200,000
Total, Net City Cost	$3,129,000	$3,335,263	$2,854,000	$2,264,00	$2,544,000	$2,279,000	$2,708,000	**$15,984,263**

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

LAN/WAN Infrastructure

(015-015-1-1)

Project Description: What does this project do?

This project enables the City to deliver scalable data, voice and video communications to all the sites 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 1 gigabyte to the desktop. This project also funds the replacement and acquisition of core switches, edge switches, firewalls, routers, gigabit modules, fiber optic cable and professional services.

ITS is currently upgrading core switches for the core, Comcast Head end, and Schools to provide increased capacity as needed.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Hardware interoperability with VOIP and Disaster Recovery architecture will require additional bandwidth.
Business Functions Addressed:	***How does this impact the business?*** • Improves network performance. • New designs will provide alternate pathways and reduce network outages.
Performance Expectation:	***How can we measure the project's success?*** • Network performance measurements sustain or exceed current levels of service.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Providing greater I-Net capacity with scalable data, voice and video communications to all the sites on the City's I-Net will ensuring the delivery of government services in the more efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$175,000	$370,000	$0	$275,000	$260,000	$300,000
Annual Operating Budget Impact	$73,040	$75,580	$78,220	$80,970	$83,830	$86,800

Changes from Prior Years and Other Information:

FY 2014 funding for this project is $175,000.

LAN Development

(015-015-1-2)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This project maintains or upgrades the local area network (LAN) infrastructure in City government buildings including: data cabling, punch down blocks, demarcation boxes, racks, cabinets, and the physical space (network closets). 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 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 the I-NET by continuously performing required cable drop maintenance, installation of new or replacement network drops, and other related equipment replacements or upgrades.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Repair of current data runs and installation of new data connections is a continuous need. • The condition of the physical space is critical to the optimal performance of network equipment connecting to the City's I-Net.
Business Functions Addressed:	***How does this impact the business?*** • Reliability and speed of network connections across the City at the desktop level is dependent on the quality of the LAN infrastructure.
Performance Expectation:	***How can we measure the project's success?*** • Network performance measurements sustain or exceed current levels of service. • ITS Customer Satisfaction Surveys.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Providing reliable access to network enabled services, ensuring the delivery of government services in the more efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$25,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$5,200	$5,410	$5,620	$5,850	$6,080	$6,330

Changes from Prior Years and Other Information:

FY 2014 funding for this project is $25,000.

Enterprise Data Storage Infrastructure

(015-015-1-3)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

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. As data storage continues to grow the City needs to purchase additional hardware to accommodate for storage of production and backups.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Data storage continues to grow requiring additional hardware for production and backups.
Business Functions Addressed:	***How does this impact the business?*** • Supports the server virtualization initiative. • Reduces the number of servers and tapes needed resulting in greater ROI. • Provides server failover and redundancy.
Performance Expectation:	***How can we measure the project's success?*** • Provides faster backups and restores.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Provides a more reliable and redundant solution while reducing the overall cost of data storage ensuring the delivery of government services in the more efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$300,000	$0	$0	$0	$0	$144,000
Annual Operating Budget Impact	$134,000	$147,000	$160,000	$173,000	$173,000	$173,000

Changes from Prior Years and Other Information:

This project is to fund the purchase of additional storage for the SAN and additional storage for the enterprise backups. Funding for $300,000 in FY 2014 is to purchase additional software licensing and hardware.

Upgrade Work Station Operating Systems

(015-015-1-4)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This project provides funds to upgrade the operating system on City computer workstations to an appropriate operating system including additional 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 and virtual desktop technologies.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Desktop computers may require an operating system upgrade to allow a new or upgraded application to run properly. • The City must be prepared to actively address the continuous advancement of technology to ensure continuity of operations.
Business Functions Addressed:	***How does this impact the business?*** • Ensures the desktop environment is prepared to support the City's workforce and meet the demands of new technology.
Performance Expectation:	***How can we measure the project's success?*** • ITS Customer Satisfaction Surveys.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Continuous modernization to maintain the City's same position with respect to commercial standards will ensure the delivery of government services in the more efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000
Annual Operating Budget Impact	$97,340	$101,240	$105,290	$109,500	$113,880	$118,430

Changes from Prior Years and Other Information:

The creation of a new IT Equipment Replacement program in conjunction with this project will allow the City to upgrade currently deployed computers to meet the changing demands of new technology. The funding for this project and the IT Equipment replacement project reflect the need to upgrade City computers to meet the requirements of Windows 7. Funding of $200,000 is included in FY 2014 is to continue efforts to phase out all Windows XP operating systems by April 2014 which is Microsoft's scheduled date for Windows XP extended support.

Network Server Infrastructure

(015-015-1-5)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

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. This project provides funds for the purchase of additional blade servers and memory to add to our systems annually and any additional servers that require special hardware requirements. These funded 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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Implements a new business model to reduce annual costs of data storage and management. • Provide more efficient data management and support enhanced disaster recovery capability.
Business Functions Addressed:	***How does this impact the business?*** • Lower TCO with virtualized IT infrastructures that enable effective use of budget resources and help decrease operational costs. • Energy cost savings with a reduction of physical servers and cooling costs. • Improves business continuity with redundant failover capability.
Performance Expectation:	***How can we measure the project's success?*** • Improved assessment of customer satisfaction with services. • ROI for data management and storage.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Lower TCO and improved business continuity capability ensures the delivery of government services in the more efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$300,000	$300,000	$500,000	$400,000	$175,000	$175,000
Annual Operating Budget Impact	$171,000	$175,000	$179,000	$183,000	$183,000	$183,000

Changes from Prior Years and Other Information:

Funding of $300,000 in FY 2014 will fund Windows Server 2008 upgrade and an assessment of the City's backup architecture.

IT Equipment Replacement

(015-015-1-6)

Type of Request:

[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This new equipment replacement program is to procure new City computer workstations with an appropriate version of Windows and related hardware components as necessary to meet City standards set by the Information Technology Services Department. This project also provides for the labor costs of deploying the new computers at offices throughout the City.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Desktop computers may require replacement to keep the hardware under manufacturer warranty. • The City must be prepared to actively address the continuous advancement of technology to ensure continuity of operations.
Business Functions Addressed:	***How does this impact the business?*** • Ensures the desktop environment is prepared to support the City's workforce and meet the demands of new technology.
Performance Expectation:	***How can we measure the project's success?*** • ITS Customer Satisfaction Surveys.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Continuous modernization to maintain the City's same position with respect to commercial standards will ensure the delivery of government services in the most efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000
Annual Operating Budget Impact	$10,300	$10,610	$10,930	$11,260	$11,590	$11,940

Changes from Prior Years and Other Information:

The creation of a new IT Equipment Replacement program will allow the City to replace older workstations that do not have a manufacturer's hardware warranty. The increased funding in FY 2013 was added to this project to accelerate the rate of PC replacements in an effort to meet Windows 7 hardware requirements. Funding of $200,000 in FY 2014 is to continue efforts to replace computers that do not have a manufacturer's warranty or are unable to successfully operate with Windows 7.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Voice Over IP Telephony

(015-015-2-2)

Project Description: What does this project do?

This project provides funds for the continuation enhancements of the City's enterprise telephony Systems and Services, Voice over Internet Protocol (VoIP). The project funds are used for the City's telephone and telecommunications infrastructure, including telephony software, servers, switches, and handsets. The telephony infrastructure will require acquisition and provisioning of software as well as hardware to provide VoIP technologies to support call center capabilities. The City began successfully implementing VoIP in 2008. The City wide telephony upgrade was completed in FY 2012 with the Police and Department of Emergency Communications (DEC) coming online in fall 2011. The VoIP System current hardware and software is over 4 years old. Since the VoIP system deployment has been completed, ITS has been engaged in refinement of 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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • This project provides funds to leverage the City's investment in VOIP.
Business Functions Addressed:	***How does this impact the business?*** • New features of the VOIP system improve customer service.
Performance Expectation:	***How can we measure the project's success?*** • Improves customer satisfaction with telephone system.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Providing a modern, reliable telephone system supports the delivery of government services in a more efficient manner. • Improved customer service.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$450,000	$500,000	$150,000	$150,000	$350,000	$150,000
Annual Operating Budget Impact	$412,000	$425,000	$440,000	$450,000	$450,000	$450,000

Changes from Prior Years and Other Information:

Funding of $450,000 in FY 2014 will be used to upgrade hardware and software to the next release of the manufacturer's solution to adhere to the product lifecycle and allow for additional capabilities required for a call center. Funds will also be utilized to procure a unified customer contact center and implement "next generation" Voice over IP enhancements.

Type of Request:

[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Network Security

(015-015-2-3)

Project Description: What does this project do?

The purpose of this project is to fund the implementation of security technologies which will ensure the integrity and security 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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • To provide continuous improvement in the security of the City network, clients, data and personnel, and improve the confidentiality and integrity of the City data.
Business Functions Addressed:	***How does this impact the business?*** • Assures the security and viability of City IT infrastructures, applications and data stores.
Performance Expectation:	***How can we measure the project's success?*** • Minimization of disruption to City processes due to compromised data or clients.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Providing a reliable and secure information environment supports City operations and ensures the delivery of government services in the more efficient manner.
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$250,000	$190,000	$0	$225,000	$0	$300,000
Annual Operating Budget Impact	$65,000	$67,500	$67,500	$67,500	$67,500	$67,500

Changes from Prior Years and Other Information:

Funds of $250,000 in FY 2014 and $190,000 in FY 2015 will be used to fund "End-User Security Awareness Training" , Windows patching with policy documentation, Vulnerability Assessment Remediation Plan, and an Enterprise End Point Security Assessment. In addition, funds will be used to implement Network Access Control across the enterprise, conduct a review of port security and wake-on-LAN, and an Active Directory Upgrade for the City's Single Sign-On Effort.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Database Infrastructure

(015-015-2-5)

Project Description: What does this project do?

This project provides for new and replacement database infrastructure hardware, software, licensing, upgrades, and tools. This project also provides for consulting services to properly maintain and enhance the data infrastructure. Additionally, this project provides funding to research, test and implement new database software tools.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Developers and manufacturers constantly release software and hardware upgrades providing new features and improved performance. • The City needs to keep pace with these developments to take advantage of these improvements.
Business Functions Addressed:	***How does this impact the business?*** • Nearly all of the City's major software data is stored in databases served by this project.
Performance Expectation:	***How can we measure the project's success?*** • Maintain all City databases and software at supportable and functional levels (Customarily not more than 2 full version levels behind current)
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Updated software enhances the support that City agencies provide, ensuring the delivery of government services in the most efficient manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$40,000	$40,000	$160,000	$40,000	$40,000	$160,000
Annual Operating Budget Impact	$11,700	$12,000	$12,300	$12,700	$12,700	$12,700

Changes from Prior Years and Other Information:

Funding for this project has been extended through FY 2019. These funds will be used to support SharePoint, Vehicle Personal Property, Treasury Cash Register System, Permit Plan, and RealWare.

IT Enterprise Management System

(015-015-3-4)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This project provides funding to further enhance Microsoft System Center, a multi-module software which integrates and automates the management of IT resources. In FY 2011, ITS deployed the asset management module, Configuration Manager, to streamline the desktop and server inventory as well as the software distribution processes. In FY 2012, ITS deployed the help desk module, Service Manager, to replace a legacy system. Branded as AlexIT, the enterprise help desk application was successfully deployed in October 2011 to the enterprise and is actively used by IT staff in ITS, DCHS, and Courts to manage technical requests.

Funding will be used for additional server hardware requirements, consulting services, procurement of a comprehensive IT asset management system, and for related training courses needed to implement the most recent product releases of the Microsoft System Center product suite.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Funds are needed to maximize the value of Microsoft's System Center to the City.
Business Functions Addressed:	***How does this impact the business?*** • The tracking and routing of work orders is critical to effective IT support. • Accurate inventory of IT assets is critical to resource allocation and license compliance. • Patch management will mitigate security risks while reducing the overall costs associated with manual efforts to support workstations.
Performance Expectation:	***How can we measure the project's success?*** • Streamlining of IT support will create operating efficiencies for all City staff by improving workstation performance. • ITS Customer Satisfaction Survey feedback.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Deliver City services in the most cost effective manner.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$48,450	$50,390	$52,400	$54,500	$56,680	$58,940

Changes from Prior Years and Other Information:
No additional funding has been approved for this project in this year's plan.

Connectivity Initiatives

(015-015-3-5)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: What does this project do?

This project funds several initiatives relating to the City's Institutional Network and internal broadband connectivity. The funds budgeted in this project provide a source of contingency funds for future uncertainties to ensure the City will continue to respond appropriately to rapidly evolving technological shifts.

In FY 2012 a portion of these funds were used to work toward establishing a redundant connection to the Internet. With the City's transition to Microsoft Outlook in the "cloud" (Internet), this is critical to ensuring uninterrupted connectivity in the event that the City's primary Internet connection is disrupted.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • This project will allow provide contingency funds for the City to address internal broadband connectivity.
Business Functions Addressed:	***How does this impact the business?*** • Ensures that essential connectivity is supported and maintained.
Performance Expectation:	***How can we measure the project's success?*** • City business functions are not interrupted due to disruptions in connectivity
Alignment with Mission:	***How does this project fulfill the City's mission?*** • Always looking to the future and for ways to get better
Council Strategic Goal Supported:	***Goal 6:*** • The City protects the safety and security of its residents, businesses, employees and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000	$1,054,000
Annual Operating Budget Impact	$93,600	$97,340	$101,240	$105,290	$109,500	$113,880

Changes from Prior Years and Other Information:
There is no change in this project from the previous fiscal year.

Library LAN/WAN Infrastructure

(015-015-4-1)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: **What does this project do?**

This project funds the acquisition and installation of upgraded CAT 6e cabling and the addition of more drops throughout the library system. The IT infrastructure at some locations is older than 10 years and has a limited number of drops available to connect new devices to the network.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Improved technology feature has good return on investment.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency and customer service.
Performance Expectation:	***How can we measure the project's success?*** • Improved quality and patron satisfaction.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This IT investment will provide improved LAN infrastructure which will help to create efficiencies throughout the organization
Council Strategic Goal Supported:	***Goal 7:*** • Alexandria is a caring and inclusive community that values its rich diversity, history and culture and promotes affordability.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$4,500	$4,500	$4,500	$4,500	$4,500	$4,500

Changes from Prior Years and Other Information:

No funding for this project is included in this year's plan.

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Library Replacement Equipment

(015-015-4-2)

Project Description: **What does this project do?**

This project funds the acquisition and installation of staff workstations, public terminals, servers, and other peripherals to replace outdated equipment throughout the library system. The equipment would include computers, keyboards, mice, monitors, printers, checkout receipt printers, barcode scanners. This ongoing project would help the library staff to keep up with the current technology as well as provide better customer service.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Improved technology feature has good return on investment.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency and customer service.
Performance Expectation:	***How can we measure the project's success?*** • Improved quality and patron satisfaction.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This IT investment will provide help to create efficiencies throughout the organization.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$66,263	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$2,500	$2,500	$2,500	$2,500	$2,500	$2,500

Changes from Prior Years and Other Information:

Funds of $66,263 were provided in FY 2014 to continue to upgrade old equipment to meet the needs to serve the public and staff.

Fort Ward INET

(015-015-5-1)

Type of Request:
[ ] – New Project
[ ] - Enhancement
[X] - Maintenance/Continuation

Project Description: **What does this project do?**

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.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • Improved technology will be realized as a result of being able to use network based technologies.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency, customer service, and workforce productivity.
Performance Expectation:	***How can we measure the project's success?*** • Improved staff productivity.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This IT investment will provide the Fort Ward staff the ability to work more effectively.
Council Strategic Goal Supported:	***Goal 7:*** • Alexandria is a caring and inclusive community that values its rich diversity, history and culture and promotes affordability.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$0	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$5,000	$5,200	$5,410	$5,620	$5,850	$6,080

Changes from Prior Years and Other Information:

There have been no changes to this project since the prior fiscal year. Funding approved in FY 2013 to provide Fort Ward Museum access to the City's I-Net.

NEW – Email, Messaging, and Conferencing System

(015-015-5-3)

Type of Request:
[X] – New Project
[ ] - Enhancement
[ ] - Maintenance/Continuation

Project Description: **What does this project do?**

In FY 2010, The City transitioned from its legacy on-premise email platform to a hosted subscription service delivery model which included email, email archiving, instant messaging, and video conferencing technologies. 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. Microsoft's next generation of hosted services is expected to launch in 2013. 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). Funding of $75,000 in FY 2014 will also 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).

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • In a hosted model, the City must remain agile and up-to-date with on-premise technologies which integrate with the hosted service tools. The City must also maintain compliance for archiving, retention, and any security requirements.
Business Functions Addressed:	***How does this impact the business?*** • Improves communications by providing a robust, flexible and redundant platform for communications including email, messaging, and video conferencing.
Performance Expectation:	***How can we measure the project's success?*** • Improved staff productivity.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This IT investment will enable City staff to work more effectively and efficiently by fully leveraging new communications features.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is a financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$75,000	$0	$0	$0	$0	$25,000
Annual Operating Budget Impact	$0	$15,000	$15,000	$15,000	$15,000	$15,000

Changes from Prior Years and Other Information:

This is a new project to the plan this year.

NEW – Enterprise Collaboration

(015-015-5-5)

Type of Request:
[X] – New Project
[ ] - Enhancement
[ ] - Maintenance/Continuation

Project Description: **What does this project do?**

This project funds the implementation of a comprehensive City wide collaboration tool. ITS engaged contractor services to develop a roadmap implementation strategy for an enterprise wide collaboration platform leveraging our existing SharePoint online licensing. Based on this strategy, ITS is requesting funding to support 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. The Roadmap defines the resources necessary to develop and implement solutions to meet these needs within a few years and details the needs to: augment the current ITS SharePoint team with expert consulting resources, increase licensing for power users and departmental administrators, and build out a hybrid online and on-premises SharePoint environment.

Characteristics and Attributes:	
Critical Drivers:	***Why is this project needed now?*** • 24/7 work environment, remote, mobile staff need access to authoritative knowledge stores, critical city services and functions such as public safety require situational awareness and easy knowledge transfer. • Create efficiency for staff related to collaborative activities, document and report creation, meeting planning and documentation, knowledge sharing, issue management and tracking, task management.
Business Functions Addressed:	***How does this impact the business?*** • Improves efficiency by reducing time locating the most current versions of documents and other work artifacts • Reduces the number and size of email exchanges related to work product creation and revision.
Performance Expectation:	***How can we measure the project's success?*** • Improved staff productivity and collaboration.
Alignment with Mission:	***How does this project fulfill the City's mission?*** • This IT investment will provide the City staff the ability to work more effectively.
Council Strategic Goal Supported:	***Goal 5:*** • Alexandria is a financially sustainable, efficient, community oriented and values its employees.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2014	2015	2016	2017	2018	2019
Capital Funding Request	$200,000	$0	$0	$0	$0	$0
Annual Operating Budget Impact	$0	$15,000	$15,000	$15,000	$15,000	$15,000

Changes from Prior Years and Other Information:

This is a new project to the plan this year.

Appendix A

Chartered Committees, Groups, and Task Forces of the ITSC

To more broadly engage City staff in the planning and implementation of IT initiatives, the ITSC created a number of interdepartmental groups through a chartering process. A full list of these groups and further details on each group, including whether the group is 'active' or 'inactive' is included below.

Alexandria Justice Information System (AJIS) Steering Committee

The AJIS Steering Committee advises in regard to policy and direction for the users of the Alexandria Justice Information System (AJIS). In addition, it provides general oversight of AJIS; receives recommendations from the AJIS Coordinator and sets overall goals; periodically evaluates progress; meets when called by AJIS Steering Committee Chairperson; appoints subcommittees; delegates powers as needed; approves AJIS budget requests, and makes recommendations to the City regarding AJIS budgetary and policy matters.

Document Imaging and Management Group

The Document Imaging and Management Group provide guidance in implementing the various departmental document imaging projects throughout the City. The group defines project priorities among departments requesting funds for imaging projects, and works to ensure that the best practices regarding data availability and security are followed.

Financial Services Group

The Financial Services Group is composed of staff from Finance, ITS, and OMB, as well as users from some of the larger City departments. The group is responsible for advising the ITSC on planning, budgetary and policymaking issues with respect to the City's financial systems. In addition, the group's meetings provide a forum for the discussion of technical oversight, policies, practices, education and inter-department coordination involved with the financial systems. This group is chaired by the City's Comptroller.

GIS Steering Committee

The Geographic Information Systems Steering Committee (GISSC) is responsible for supporting and fostering successful GIS implementation throughout the City. The GISSC

develops and recommends plans, policies and budget initiatives to the ITSC and works to ensure that individual department actions with respect to GIS are consistent with the City's overall goals for GIS. The GISSC is chaired by the City's GIS Manager.

Human Resources Steering Committee

The Human Resources Steering Committee (HRSC) manages and supports decision making regarding the City's human resources systems (payroll, personnel and related systems). The committee develops plans, policies and budget initiatives for the City's HR systems, and makes recommendations on these issues to the ITSC. The HRISC also works to foster education and coordination inside and outside the City on human resources systems issues. The HRISC is comprised of representatives of the Personnel Services, Finance, OMB, ITS and several of the City's larger departments and agencies, and is chaired by the representative of the Human Resources department.

Information Technology Security Subcommittee

The IT Security Subcommittee (ITSS) was formed at the request of the Information Technology Steering Committee (ITSC) and is intended to operate as a subcommittee of the ITSC to support information technology security decision making throughout the City. The ITSS is an advisory group to the ITSC. The goal of the ITSS is to foster IT security throughout the City government. To accomplish this goal, the ITSS will develop plans, policies and budget initiatives. The ITSS will guide City-wide IT security policy development and facilitate education and coordination inside and outside of the City on security issues. It is chaired by the City's IT Security Officer.

Public Safety Systems Committee

The Public Safety Systems Committee (PSSC) is an outgrowth of the CAD/RMS Committee. The goal of the PSSC is to work to coordinate and integrate public safety systems, and to serve as a forum for the sharing of plans, activities and expertise between Alexandria public safety agencies. The Chair of this committee rotates annually between the Police and Fire departments.

Permitting Committee

The Permitting Committee's (PC) focus is on improving existing business processes through maximizing the functionality provided by the City's permitting application; developing standards for business processes; continuing to document and discuss system problems; and communicating and planning for new releases. The Permitting Committee is presently chaired by the Director of Code Administration.

Radio Committee

The Radio Committee (RC) supports all City radio and public safety wireless systems operations, enhancements and initiatives. The goal of the RC is to continue the successful operation and upgrade of the City's trunked radio system and to facilitate the smooth implementation of new radio and public safety wireless technologies. Members include representatives of the Police and Fire departments, the Office of the Sheriff, ITS and T&ES (representing all other non-public safety City users). The committee is chaired by the City's radio manager.

Telecommunications Committee

The Telecommunications Committee (TC) works to guide the acquisition of the City's telephone services and equipment. The role of the TC is to provide policy recommendations, promote new technologies and their integration with other City technologies, and to provide advice on appropriate inter-relationships of telephone systems technology with other communications systems and devices. It is chaired by staff from the Information Technology Services Department. This committee has been inactive for the past two fiscal years.

Computerized Maintenance Management System Committee

The Computerized Maintenance Management System Committee (CMMS Committee) was formed at the request of the Information Technology Steering Committee (ITSC) and is intended to operate as a subcommittee of the ITSC to guide the acquisition and implementation of IT equipment and projects that directly impact the management of City infrastructure (primarily assets found in the City right-of-way such as streets, sidewalks, sewers, parks and on City-owned facilities). The role of the CMMS Committee is to review and prioritize enterprise wide requests for Computerized Maintenance Management Systems across the City. They also provide recommendations to departments and promote new technologies that will be beneficial to the departments using this technology across the enterprise. At this time, the committee is chaired by the Deputy Director/Operations from the Transportation and Environmental Services department; the chair may rotate to other departments. This Subcommittee was established in FY 2013.

CITY OF ALEXANDRIA
VIRGINIA

Appendix B

Matrix of Business Benefits

Business Benefits of IT Projects	Staff Time Savings	Improved Data Access	Business Process Savings	Integration with other City systems	Savings on Rent (Space)	Hardware or Storage Savings	Meeting Mandates	Other
Electronic Government	✓	✓	✓	✓				
Customer Relationship Management System		✓	✓	✓			✓	
NEW Small Business Development Center	✓		✓					✓
DCHS Medical Records Management		✓	✓				✓	
Document Management and Imaging	✓	✓	✓	✓	✓			
Real Estate Assessment System	✓	✓	✓	✓			✓	
ERP System	✓	✓	✓	✓			✓	
Business Tax System	✓	✓	✓	✓			✓	
Real Estate Accounts Receivable System	✓	✓	✓	✓			✓	
Personal Property Tax System	✓	✓	✓	✓			✓	
Finance Payment Kiosk	✓	✓	✓	✓	✓			
Virtual Adjudication	✓		✓		✓		✓	
Purchasing System Upgrade		✓					✓	
Reciprocity Contractor System		✓	✓	✓			✓	
Customer Management System	✓	✓						✓
Handheld Data Collection Devices	✓	✓	✓				✓	✓
GIS Development	✓	✓	✓	✓				
Public Safety Radio System Replacement							✓	
AJIS Enhancements	✓	✓	✓	✓			✓	
Fire Records Management Project		✓					✓	
EMS Records Management System		✓					✓	
Computer Aided Dispatch System Replacement	✓	✓	✓	✓	✓		✓	
Fire Radios	✓	✓	✓	✓				✓
Remote Radio Technology Project	✓	✓	✓	✓				✓

[4] Shaded boxes with checkmarks indicate the project is expected to realize the business benefit shown at the top. Boxes without checkmarks indicate that the project is not directly related to this business benefit.

Business Benefits of IT Projects

	Staff Time Savings	Improved Data Access	Business Process Savings	Integration with other City systems	Savings on Rent (Space)	Hardware or Storage Savings	Meeting Mandates	Other
NEW Radio Network Upgrade		✓		✓		✓	✓	
Permit Processing	✓	✓	✓	✓			✓	
DCHS HIPAA Data Security Compliance	✓	✓	✓	✓			✓	
Enterprise Maintenance Management System	✓	✓	✓	✓				
DCHS Payment System Replacement	✓	✓	✓	✓				
Library Wireless Solution	✓	✓	✓	✓				✓
Recreation Database & Financial System	✓		✓	✓				✓
LAN/WAN Infrastructure		✓				✓	✓	
LAN Development (Individual Building)		✓				✓	✓	
Enterprise Data Storage Infrastructure	✓	✓	✓	✓		✓	✓	
Upgrade Work Station Operating Systems		✓	✓				✓	
Network Server Infrastructure		✓	✓	✓			✓	
IT Equipment Replacement	✓	✓	✓	✓		✓	✓	
Voice Over IP Telephony	✓	✓		✓			✓	
Network Security		✓		✓			✓	
Database Infrastructure	✓	✓	✓	✓			✓	
IT Enterprise Management System	✓	✓	✓	✓			✓	
Connectivity Initiatives		✓					✓	
Library LAN/WAN Infrastructure	✓	✓	✓					✓
Library Replacement Equipment	✓	✓	✓			✓		✓
Fort Ward INET	✓	✓	✓					✓
NEW Email, Messaging, and Conferencing System	✓	✓	✓	✓				✓
NEW Enterprise Collaboration	✓	✓	✓	✓				✓

[4] Shaded boxes with checkmarks indicate the project is expected to realize the business benefit shown at the top. Boxes without checkmarks indicate that the project is not directly related to this business benefit.

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 2012 Comprehensive Annual Financial Report, is repeated here:

City of Alexandria, Virginia
Computation of Legal Debt Margin
as of June 30, 2012

Assessed Value of Real property, January 1, 2012……		$33,782,697,985
Debt Limit: 10 Percent of Assessed Value……		$3,378,269,799
Amount of Debt Applicable to Debt Limit:		
General Obligation Bonds	$459,060,000	
Total General Obligation Debt……		($459,060,000)
LEGAL DEBT MARGIN……		$2,919,209,799

Source: City of Alexandria Comprehensive Annual Financial Report, Fiscal Year Ended June 30, 2012, pg. 83.

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 2014 - FY 2023 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: Project Removed from the CIP

Prior Year Projects Deleted in the FY 2014 - FY 2023 Capital Improvement Program

A number of projects that were listed in the prior year Capital Improvement Program (CIP) no longer appear in the FY 2014 – FY 2023 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.

Recreation and Parks

- Miracle Field – Project completed; Miracle Field dedication on November 17, 2012.

- Chinquapin Aquatics Center (FY 2017 – 2019 funding only) – Funding from FY 2017 – 2019 removed from the CIP. Project lacked defined scope. May be considered for inclusion at a later date in terms of implementation of the Aquatics Facilities Master Plan.

- Spray Parks – Funding removed from FY 2019 – 2020 CIP. Project lacked defined scope. May be considered for inclusion at a later date in terms of implementation of the Aquatics Facilities Master Plan.

- City Median Conversions/Renovations – Project lacked defined scope and cost estimate was unknown.

Public Buildings

- Space Management Program – Funding used for unspecified renovations/space allocations throughout City facilities. Costs of renovations and space efficiencies will be paid for by individual departments, or included as part of other capital projects.

- Market Square Renovations - Project lacked defined scope and cost estimate was unknown. May be considered as part of future CIPs once a defined scope and cost estimates are known.

- Emergency Government Relocation Center - Project lacked define scope and cost estimate was unknown. May be considered as part of future CIPs once a defined scope and cost estimates are known.

Transit & Transportation

- Expanded Trolley/Circulator/Transit Service – Capital costs for expanded trolley service eliminated from the CIP. The City continues to explore options for private contractors to operate this service. May be considered as part of future CIPs once a service plan has been defined.

- Crystal City/Potomac Yard BRT - Rolled into the Route 1 Transitway project.

- Transit Corridor "A" BRT Rolling Stock - Rolled into the Route 1 Transitway project.

- Transit Corridor "A" Widening - Rolled into the Route 1 Transitway project.

- Transit Corridor "C" Rolling Stock – Rolled into the Transit Corridor "C" – Beauregard project.

- Non-Motorized Transportation (Safety) – Rolled into the Complete Streets project.

- Edsall Road – Construction will be completed by the end of FY 2013.

- Miscellaneous Undergrounding - Funding used for unspecified utility undergrounding needs throughout the City. Costs of utility undergrounding will be factored in as part of the total costs of capital projects, rather than having a separate project.

- Street Reconstructions TBD – Rolled into the Street Reconstruction and Resurfacing of Major Roads project.

- Retrofit Traffic Lights with LED Technology – LED technology being implemented through other capital projects such as Fixed Transportation Equipment. Funding was reallocated to balance the FY 2014 Capital Year Budget.

Sewers (Sanitary Sewer and Storm Sewers)

- Commonwealth Service Chamber – Project no longer required. Construction of the Wet Weather Management Facility eliminates the need for this capital infrastructure.

- Sanitary Sewers Capacity Studies – Capacity studies now funded through the Sanitary Sewer Operating Budget.

- Sanitary Sewer Master Plan – Placeholder project for future Sanitary Sewer needs. Future needs are now articulated in individual project descriptions and this placeholder project is no longer required.

- Key Drive Flood Mitigation – Mitigation has been completed to the satisfaction of residents and City staff. Remaining balance reallocated to other Stormwater projects.

- Braddock Road and West Street Storm Sewer - This project was eliminated because the very large cost associated with the improvements was not justified by the small number of properties impacted by the flooding.

Information Technology Plan

- Voter System Replacement – This project has been closed as funding was provided in FY 2013 for voting equipment in preparation for the 2012 Presidential Election. No additional funding request is needed at this time.

- Financial Accounting and Asset Management System – This project has been closed because these system needs are now being addressed through the Enterprise Resource Planning project.

- Police Computer Aided Dispatch (CAD)/RMS – This project provided for maintenance of the City's Computer Aided Dispatch (CAD) and Records Management System (RMS). These systems, which provide the infrastructure base to collect and house all police data, will be replaced in the context of the Computer Aided Dispatch Replacement Project. Any remaining funds in this project will be used to maintain the City's current systems until the new systems become operational. The project will be discontinued as the new CAD/RMS system is fully implemented. Funding for equipment replacement for all CAD-related items (work stations, servers, etc.) now falls under the Department of Emergency Communications (DEC).

Appendix B: 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 new and revised funding requests during the FY 2014 – 2023 Capital Improvement Program (CIP) development process. Beginning in FY 2015, it is the intention of the Office of Management and Budget to evaluate and rank all capital projects, which will provide a closer link to the City's Strategic Plan and the City's long-term and intermediate outcomes. These criteria will be reviewed by the CIP Process Improvement Team in the spring and summer of 2013 to determine if any criteria are not relevant, or if other criteria need to be added.

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 C: Project Rankings

The following list contains all capital projects that requested new or revised capital project funding during the FY 2014 – 2023 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 links to 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 in FY 2014, funded in the out-years, or not funded. Some projects, while ranking high (such as Waterfront Small Area Plan Implementation or Fixed Transportation Equipment), lacked a defined project scope or funding requirements were unable to be added to the CIP. Other projects (such as the K-9 Facility Renovation) did not score well, but because of health and safety concerns, were recommended for funding. The rankings help guide funding decisions, but were not the only criteria used in developing the CIP. Many projects on the list have already received funding. This list represents all new funding requests or existing projects which requested additional funding. As the City moves to rank all projects in future CIPs, information in this section will be expanded.

Project	Total Score	FY 14 Funding	Out-Year Funding
Energy Management	18.0	X	X
Waterfront Small Area Plan Implementation	18.0		
Fixed Transportation Equipment	17.5		
Bridge Repairs	17.5		X
Adult Detention Center HVAC	17.0	X	X
Emergency Generators	16.5	X	X
Open Space Acquisition	16.5	X	
Elevator Replacement and Refurbishment	16.0		X
Fire Station 203 (Cameron Mills Road)	15.5		X
Shared Use Paths	15.5		
Supplemental Sidewalk Maintenance	15.5		
Fire Station 205 (Cameron Street)	15.0		X
Fire Station 207 (Duke Street)	15.0		X
Emergency Operations Center/Public Safety Center Re-use	14.5	X	
Fire Station 206 (Seminary Road)	14.5		X
Lee Center ADA Restroom Upgrades	14.5	X	
Lee Center Lighting and Sidewalks	14.5		
Transportation Improvements in Beauregard Area	14.5		
Beatley Library Improvements and Floor Replacement	14.5	X	
Citywide Large Park Improvements	14.5		
Courthouse Improvements and Asset Renewal - HVAC Only	14.5	X	X
Courthouse Improvements and Asset Renewal - Other	14.5		
Chinquapin Aquatics Center Renovations - FY 2014 Only	14.0	X	
Chinquapin Aquatics Center Renovations - Out-years	14.0		
Roof Replacement Program	13.5		X
Non-Motorized Transportation (Complete Streets)	13.5		
Bus Stop Shelters and Benches	13.5		
Stream and Channel Maintenance and Restoration	13.0	X	
Patrick Henry Recreation Center	13.0	X	X
Pistol Range	12.5		X
Police Facilites CFMP	12.5		X
K-9 Facility Renovation Project	12.0	X	

Project	Total Score	FY 14 Funding	Out-Year Funding
City Marina Restrooms	12.0		
Route 1 at East Reed Avenue	11.5		
Crime Prevention Street Lighting	11.0		
Outdoor Aquatics	11.0		
Parking Meters (Phase II)	10.5		
Braddock Road Area Plan - Park Implementation	10.5		
Park Maintenance Facilities	10.5		
Library Security Cameras	10.0		
Gadsby Lighting Fixtures and Poles	10.0		
Ewald Park Re-Design	10.0		
Four Mile Run Building Improvements (Old Duron Paint Bldg)	10.0		
Madison and Montgomery Reconstruction	9.5		
Fire Station 210 FF&E (Exercise/Professional Development)	8.5		
Therapeutic Facilities	7.5		