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PROPOSED FY 2013 – FY 2022
CAPITAL IMPROVEMENT
PROGRAM OVERVIEW

CIP Overview Contents

In the CIP Overview pages that follow, please find the following descriptions and discussions of the Proposed FY 2013 – FY 2022 Capital Improvement Program:

- Comparison Between Approved FY 2012 - 2021 and Proposed FY 2013 - 2022 CIP's – p. 2-3
- Capital Project Definitions – p. 2-6
- CIP Development Process – p. 2-7
- Proposed FY 2013 Capital Year Budget Project Highlights – p. 2-11
- Proposed FY 2013 – 2022 Capital Improvement Program Project Highlights – p. 2-14
- Project Requests Not Included in the Proposed FY 2013 - 2022 CIP – p. 2-19
- Proposed FY 2013 – FY 2022 CIP Funding Sources – p. 2-21
- City Debt Policy Guidelines – p. 2-24
- EcoCity Initiative Efforts – p. 2-27

FY 2013 – FY 2022 Proposed Capital Improvement Program

In November 2011, City Council provided staff with guidance for the preparation of the Proposed FY 2013 – FY 2022 Capital Improvement Program. The guidance directed that cash capital from current revenues and general obligation debt be equal to the levels included in the Approved FY 2012 – FY 2021 CIP. Allowances were made for increases to the plan where special revenue sources (e.g. state or federal grants, sewer funds, etc.) or one-time City funding sources (e.g. prior year operating budget surpluses, sale of assets, etc.) could be identified. In following this guidance, the Proposed FY 2013 – FY 2022 Capital Improvement Program is increased by approximately \$38.2 million from the Approved FY 2012 – 2021 CIP. This overall increase is primarily attributable to the inclusion of additional sanitary sewer projects, which are projected to be funded through increases in the Sewer Line Maintenance Fee and Sewer Connection Fee charged to developers beginning in FY 2015.

The Proposed FY 2013 – 2022 CIP incorporates the 2.2 cents on the base real estate tax rate and additional General Fund cash capital for continuation of the City's Transportation Improvement Program approved by City Council in FY 2012. This funding will provide \$65.0 million over ten years for capital improvements associated with expanded transportation infrastructure and transit options. This represents a decrease of \$28.2 million over the Approved FY 2012 – 2021 CIP, due to the additional operating impact resulting from planned capital investments. City staff in developing the proposed ten-year plan performed detailed analysis on the additional operating impacts associated with these transportation expansion projects. Additional operating impacts associated with expanded DASH bus and trolley/circulator service and High Capacity Transit Corridors (specifically Potomac Yard/Crystal City and Beauregard Corridors) were factored into the ten-year plan, as the Transportation Improvement Program was created to pay for capital improvements, resulting operating impacts, and debt service from General Obligation Bonds. While this resulted in a significant decrease in capital investments, the total amount of funding for expanded transportation and transit options including additional operating impact and debt service from General Obligation Bonds is consistent with total funding in last year's plan.

The Proposed FY 2013 – 2022 CIP includes \$1.135 billion in total funding, of which \$28.7 million comes from non-City sources (state and federal grants, private contributions, developer contributions). For comparison purposes, the Approved FY 2012 – 2021 CIP totaled \$1.096 billion in total funding, of which \$21.9 million was from non-City sources. The increase in non-City sources (\$6.8 million) is attributable to programming six years of Congestion Mitigation and Air Quality (CMAQ) grants for the first time in the ten-year plan. The Proposed FY 2013 – 2022 CIP again includes Potomac Yard Metrorail Station funding. A comparison of last year's and the proposed plan is included on the next page.

In FY 2012, City Council approved a reserved 2.2 cents on the real estate tax rate and a continuing annual cash capital contribution of \$900k for improvements to the City's transportation infrastructure and services.

The Proposed FY 2013 – FY 2022 Capital Improvement Program includes \$1.135 billion in planned expenditures.

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

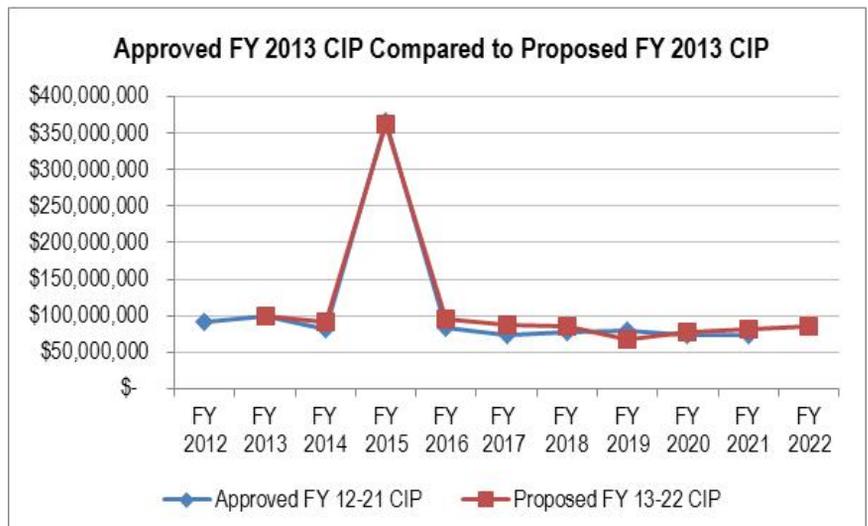
The Proposed FY 2013 – FY 2022 CIP continues to incorporate a diverse funding structure.

CIP expenditures remain relatively consistent as compared to the Approved FY 2012 – FY 2021 CIP

FY 2012 Approved to FY 2013 Proposed			Change FY 2013 to FY 2012	
	FY 2012 Approved	FY 2013 Proposed	\$	%
Unrestricted City Funds	\$629.8	\$630.0	\$0.2	0.0%
Potomac Yard Metrorail Station Funding	\$275.0	\$273.8	(\$1.2)	-0.4%
Sanitary Sewer Funding	\$38.1	\$102.4	\$64.3	168.8%
Stormwater Funding	\$28.5	\$24.2	(\$4.3)	-15.1%
Transportation Imprv. Program Funding	\$93.2	\$65.0	(\$28.2)	-30.3%
Other Restricted Sources	\$9.9	\$10.5	\$0.6	6.1%
Non-City Funding	\$21.9	\$28.7	\$6.8	31.1%
Ten-Year Total	\$1,096.4	\$1,134.6	\$38.2	3.5%

The funding makeup of the City capital program is growing increasingly diverse each year. To help organize this added complexity, the FY 2013 – FY 2022 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 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 and are also restricted in their use.

The final results of the CIP Steering Committee and City Manager review and decision making is a proposed, ten-year \$1.135 billion CIP. This represents an increase of \$38.2 million, or 3.5% over the Approved FY 2012 – 2021 CIP. The chart below illustrates the difference in funding between the Approved FY 2012 – 2021 and Proposed FY 2013 – 2022 CIP.



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

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

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

The CIP also includes projects focusing on strategic growth and economic development such as the Potomac Yard Metrorail Station.

The Proposed FY 2013 – FY 2022 CIP includes \$202.7 million for ACPS capital needs, compared to the \$357.8 million approved by the ACPS School Board in February 2012. However, the first four years of this Proposed CIP is consistent with the School Board approved CIP.

The Proposed FY 2013 – 2022 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 was supported by the continued use of the same three-Category prioritization system used in the development of the Approved FY 2012 – 2021 CIP.

Beyond basic capital maintenance issues, the Proposed FY 2013 – 2022 CIP reflects a true vision for the City's future. The CIP decision making process included an initial effort to integrate the capital plan with City Council's new 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.

The FY 2013– FY 2022 Proposed CIP also continues to address the emerging capacity issue of the Alexandria City Public School System (ACPS). As part of the Approved FY 2012 – 2021 CIP, City Council approved funding for two new K-8 educational facilities, Jefferson-Houston and Patrick Henry. The Proposed FY 2013 – 2022 continues to fund these projects, and adjusts the project timing and project costs based on updated information from ACPS. The City Manager's Proposed FY 2013 – 2022 includes \$202.7 million in ACPS funding over the ten-year plan.

The FY 2013 – 2022 CIP approved by the ACPS School Board in February 2012 totaled \$357.8 million, and in addition to Jefferson-Houston and Patrick Henry K-8, included three additional capacity projects which are not included as part of the City Manager's Proposed FY 2013 – 2022 CIP. City and ACPS staff have achieved consensus on FY 2013 – 2016 of the ten-year plan, as well as consensus on project timing and funding levels for Jefferson-Houston and Patrick Henry K-8 facilities. Funding amounts in FY 2017 – 2022 reflect City Council Approved FY 2012 – 2021 funding levels, except for \$0.93 million in additional funding in FY 2017 to complete the Patrick Henry K-8 facility.

The difference between the Proposed ACPS and City Manager ten-year plans is significant, at \$155.1 million. Over the next several years, City and Schools staff will continue to work together to better define the long term capital needs of ACPS to inform future capital improvement program development processes.

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.

Definition of a Capital Project

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

Capital Improvement Program Purpose & Definitions

The 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 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 2013) 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.

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

CIP Priorities for FY 2013 – FY 2022

The Proposed FY 2013 – 2022 Capital Improvement Program (CIP) focuses most available resources allowable under Council guidance on maintaining existing City and School facilities and public infrastructure. The prioritization process used to develop the plan included giving weight to most projects that involved repairs, renovations and upkeep of public facilities and infrastructure. Some resources within the allowable funding levels are also planned for new facilities and expanded or improved infrastructure over the next 10 years. These projects primarily support transportation, public safety or economic development, or provide a good return on investment over time.

FY 2012 Approved to FY 2013 Proposed	Change FY 2013 to FY 2012		
	FY 2012 Approved	FY 2013 Proposed	
	\$	%	
Category 1	\$355.9	\$275.3	(\$80.6) -22.6%
Category 2	\$97.1	\$95.3	(\$1.8) -1.9%
Category 3	\$561.8	\$592.9	\$31.1 5.5%
*No Category Assigned	\$81.6	\$171.1	\$89.5 109.7%
Ten-Year Total	\$1,096.4	\$1,134.6	\$38.2 3.5%

*The large increase in the No Category Assigned line is due to moving ACPS lump sum funding from FY 2017 – 2022 from Category 1 to this category. As City and ACPS staff have not achieved consensus on the amount of funding or types of projects for those fiscal years, they can not accurately be assigned a category. The No Category assigned line also includes the City's IT Plan and allowances for inflation and additional projects from FY 2019 – 2022.

The requests for capital investment in the Alexandria community continues to exceed the City's funding limitations given its tax rate and tax structure. Over the past several CIP cycles, the level of capital requests exceeded that which could be funded within the approved plans, and in FY 2013 that total exceeded \$200 million. This figure is presented to show that Alexandria is a community facing a great number of challenges as it attempts to keep up aging facilities and infrastructure, adapt to new regulatory mandates, and expand and modernize its existing capabilities to serve the public.

The City over the last few years has addressed some areas of growing capital needs through actions like the Stormwater Maintenance Fund, planned borrowing against the Sanitary Sewer Fund revenues, the Potomac Yard special tax districts, and approval of the Transportation Improvement Program in FY 2012. It would be very difficult to expand the level of borrowing or cash capital in the CIP if the City had to rely exclusively on the General Fund operating budget for support. By utilizing targeted special revenue sources, the City has been able to strategically grow the capital program in a responsible manner.

In order to assemble a true, balanced ten-year plan, the City differentiates between the most needed projects and other less important projects, and then determines realistic time constraints and logistical considerations for the higher priority projects. Some funded projects in the Proposed FY 2013 – 2022 CIP certainly qualified as desirable rather than necessary, but their overall benefit to the community merited inclusion in the final plan.

CIP Steering Committee and Priority Setting Process

The CIP Steering Committee is comprised of five department heads, ACPS staff, the CFO, and two Deputy City Managers, and is charged with recommending CIP project priorities to the City Manager from among the many requested and needed projects within the City. The specific plan and priorities for the City Manager's Proposed FY 2013 - FY 2022 CIP were initially developed by the City's internal staff CIP Steering Committee and then finalized by the City Manager.

The development process for FY 2013 began with the assumption that the FY 2012 – FY 2021 Approved CIP was the baseline from which adjustments would be made. While the CIP processes in previous years have also used the previous plan as a rough starting point, those plans had been mostly rebuilt in previous years from top to bottom. This was necessary in prior plans given that those CIP's were starting with functional funding deficits or future year project expenditure reductions to-be-determined to address. Because the Approved FY 2012 – FY 2021 CIP was prioritized and funded in each of the ten plan years, it provided a much more solid starting point from which to build the Proposed FY 2013 – 2022 CIP.

Member Departments of the CIP Steering Committee began generating revisions to existing projects and new project requests for the FY 2013 – 2022 CIP in summer and fall 2011. Just like in FY 2012, as new projects were identified, Departments were asked to categorize them into one of three potential Categories.

- Category 1: Ongoing Maintenance – annualized funding streams that cover an ongoing maintenance need for an existing City asset;
- Category 2: Major, One-time Renovation or Repair Projects – 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; and
- Category 3: New, Improvement Projects – projects that result in a new or expanded level of service and can be scheduled.

Parallel to the regular capital project development process, City Departments also participated in a "Linking the Strategic Plan to the Budget" process. In this process, staff dissected the goals and objectives of the City Council Strategic Plan in order to identify the specific projects and actions needed to enact the Strategic Plan. The resulting programs and projects included both operating budget items and new capital projects. The capital projects were then organized into the three project Categories described above.

The CIP Steering Committee was charged with looking at both new and revised project requests and then comparing and prioritizing all requests against the existing ten-year capital plan.

All Department project requests were initially prioritized into three projects categories: ongoing maintenance programs; major one-time renovations or repair activities; and new or expanded capital initiatives.

The CIP Steering Committee considered over 30, revised, or new projects for potential funding.

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

The Steering Committee heard explanations of all requests for new funding and discussed the project merits as well as relative priority to projects included in the Approved FY 2012 – FY 2021 CIP. Because guidance limited the overall funding size of the ten-year capital program to an amount close to that available in the previous plan, any new project requests required a corresponding reduction in existing project to provide capacity in the ten-year plan.

The Steering Committee started with a rough initial prioritization, with Category 1 projects considered the highest priority. Category 2 projects were considered next while weighing appropriate timing, logistical, and funding constraints. Category 3 projects were considered the lowest initial priority, and generally needed to show a direct economic development or public safety benefit, a very strong linkage to a strategic goal or objective, or show a strong return on investment in order to be competitive for funding.

A component of the FY 2013 – 2022 CIP development pertained specifically to Category 1 projects. For these ongoing maintenance funding streams, departments were required to either identify industry standards to benchmark annual levels of effort, or to produce lists of specific deferred maintenance items planned to be addressed. These specific maintenance project plans were to extend a minimum of two to three years into the future. The point of this exercise was to both defend the merits of the proposed funding allocation as well as to communicate to City Council and the public what a reasonable expectation for service delivery can be moving into the future. This process ultimately provided further validation that the City has been steadily falling behind in many aspects of regular facility maintenance. However, the continued emphasis on Category 1 funding is already paying dividends in other maintenance areas (e.g. bridge repairs, OHA CFMP, ball court renovations, etc.), and existing conditions are markedly improved. It is anticipated that after several years of appropriately scheduled maintenance and significant catch-up on deferred maintenance, the overall level of annual investment in Category 1 projects will begin to decline.

Once the Steering Committee completed discussion of the new FY 2013 – FY 2022 funding requests, OMB staff and the City Manager's Senior Staff team met to determine the prioritization of funding requests. The same initial prioritization philosophy (i.e. maintenance first) was followed with emphasis on economic development, public safety, strategic goals and objectives, and return on investment also playing into the equation heavily. Just like in the FY 2012 – FY 2021 plan, significant attention was paid to fully developing and balancing all ten years of the plan.

It is important to note that the ACPS request for additional CIP funding was not initially analyzed or compared against City requests as part of the CIP Steering Committee process. Because Council guidance restricted CIP growth, the ACPS request was substantially different (and larger) than the Approved FY 2012 – 2021 CIP.

In-depth analysis of the request was not attempted prior to the Proposed CIP. Coordination between City and ACPS staff did occur before finalization of the City Manager's Proposed CIP and did achieve consensus on the first four years of the Proposed CIP.

Following these discussions, the Office of Management and Budget took the input from the CIP Steering Committee and the City Manager's Senior Staff group and produced a "Rough Draft" CIP that sought to fund essential Category 1 projects, fit Category 2 projects within acceptable windows whenever possible, and provide funding for Group 3 projects when available and prudent. This OMB Rough Draft CIP was then presented back to the Steering Committee for comments and concerns. Based on these comments, some final adjustments were incorporated into the project plan.

Future Process Improvements

Two other process improvements started in FY 2012 continued to be developed for the FY 2013 – FY 2022 CIP development process. The first improvement involved better describing how the CIP relates to and impacts the City's operating budget. The other improvement involved developing a more quantitative project scoring system to support project prioritization. Implementation of both improvements remain goals of the City, but further refinement is required before they are fully integrated into the process.

Future CIP's will include better cost estimates of operational impacts as well as language describing the impact on service levels to the public. Many projects in the FY 2013 Proposed CIP incorporate this information, but it is not yet universally available for all projects. Furthermore, future CIP development processes should include operating budget impacts more heavily 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.

The City has not utilized a system of scoring for capital project requests in the past. And while scoring systems tend to be incapable of instantly providing a ranked list of projects, a good scoring system could be beneficial in providing a better starting point from which the Steering Committee, OMB, and the City Manager could work. Ultimately, issues such as policy considerations, legal mandates, and availability of outside revenues can supercede a scoring system, but having a more quantitative starting point with discrete project rankings is a good goal. OMB staff continues to develop a way to quantify the scoring of capital projects with the goal of implementing a scoring system for next year's CIP.

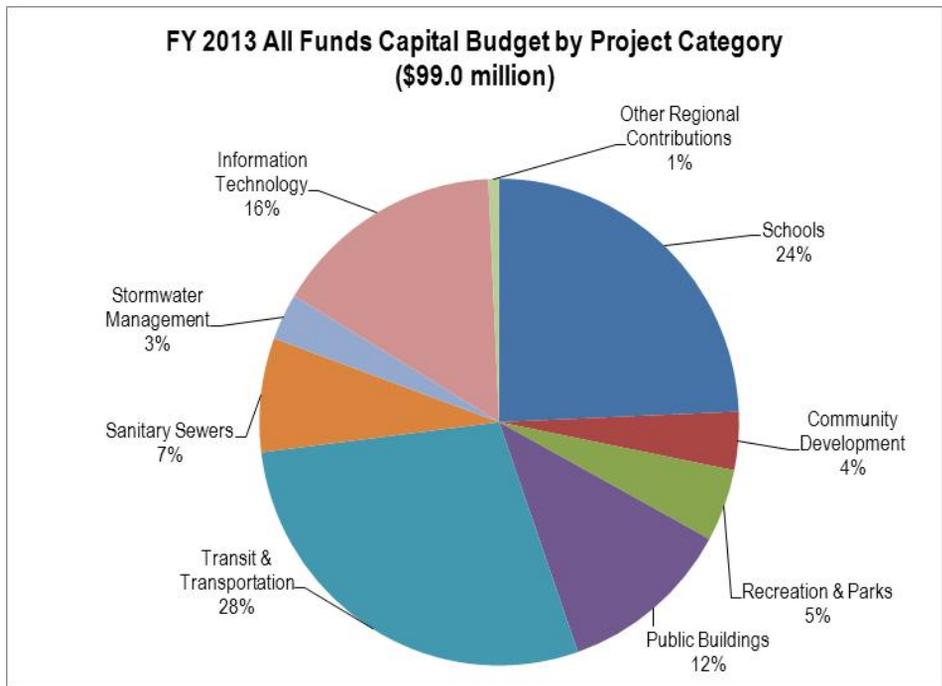
Operating Impact Statements will be available for all projects in future CIP's. The process will also be designed to formally consider these impacts in determining project priority.

A more sophisticated project scoring system is planned for future CIP's, which can provide a better initial prioritization from which the Proposed CIP can be developed.

The Proposed FY 2013 capital budget includes \$99.0 million in total funding. This includes \$5.8 million in non-City sources, \$13.2 million from cash and borrowing from the City's Transportation Improvement Program.

FY 2013 Proposed CIP Expenditures

The total Proposed CIP for FY 2013 is for \$99.0 million, which includes \$5.8 million in non-local revenues and \$13.2 million from the City's Transportation Improvement Program. The locally-funded CIP is \$93.3 million, which is \$2.9 million less than was previously planned for FY 2013 in last year's Approved CIP. This decrease is attributable to shifting the project timing and funding with several Transportation Improvement Program projects to later years and shifting ACPS capacity projects out one year per the Proposed ACPS CIP. Several projects were advanced to FY 2013 from the prior year CIP and include open space acquisition, Waterfront Small Area Plan implementation, and the dedicated Emergency Operations Center (EOC), Sheriff's Administration Office relocation, Hack Inspection Office, and emergency supply storage at the Public Safety Center.



Highlights of the FY 2013 Capital Budget

A summary of the FY 2013 major capital budget highlights follows:

Alexandria City Public Schools (FY 2013 – \$24.1 million)

- \$7.1 million to continue funding for the New Jefferson-Houston K-8 facility
- \$2.0 million for other capacity related projects including modular classrooms
- \$14.9 million for core facilities maintenance efforts across the ACPS system

Highlights of the FY 2013 Capital Budget

Community Development (FY 2013 – \$3.8 million)

- \$2.2 million to complete environmental remediation work at the Potomac River Oronoco Street Outfall
- \$0.8 million for preliminary planning and design work associated with the Waterfront Small Area Plan

Recreation and Parks (FY 2013 – \$4.8 million)

- \$1.44 million for renovations at the Chinquapin Aquatics Center
- \$0.42 million to construct a Miracle Field in the City, a rubberized outdoor sports surface similar to playground surfacing. The rubber allows a firm, yet cushioned, surface for wheelchairs and walkers, allowing Alexandria residents with physical and mental disabilities to play ball. City funding in the amount of \$0.285 million is combined with \$0.135 million in private contributions to complete project funding.
- \$1.0 million for open space funding to meet immediate acquisition needs

Public Buildings (FY 2013 – \$11.6 million)

- \$3.0 million in new funding is planned to complete funding for the construction of Fire Station 210 in the Eisenhower Valley. Funding includes a \$1.0 million project contingency added for FY 2013. Currently, the project has an approximately 4% owner's contingency planned. The \$1.0 million is to be used only as a contingency if there are unforeseen project costs overruns, and can be reprogrammed in future ten-year CIP plans if not required.
- \$3.5 million for a dedicated Emergency Operations Center, relocation of the Sheriff's Administration Offices, the Hack Inspection Office, and emergency supply storage at the Public Safety Center

Transit and Transportation Infrastructure (FY 2013 - \$28.1 million):

- \$11.6 million in Public Transit capital investments including \$6.1 million for WMATA capital contributions and \$3.9 million for DASH Bus replacements
- \$4.8 million for High Capacity Transit Corridor capital investments including \$4.0 for Transit Corridor "A" (Potomac Yard) Bus Rapid Transit branded rubber tire vehicles
- \$6.4 million for Streets & Bridges capital investments including \$5.4 million to complete funding for King Street/Quaker Lane/Braddock Road intersection improvements
- \$4.1 million Non-Motorized Transportation capital investments including \$3.3 million to complete funding for the Holmes Run Greenway construction
- \$1.2 million for Fixed Transportation Equipment including \$0.9 million for fixed equipment (e.g. mast arms, signals, etc.)

Highlights of the FY 2013 Capital Budget

Sanitary Sewers (FY 2013 - \$7.5 million)

- \$7.5 million for sanitary sewer projects funded entirely with sanitary sewer system revenues and sewer fee revenue financed bonds including \$4.4 million for infiltration and inflow remediation in the Holmes Run sewer shed

Stormwater Management (FY 2013 - \$3.1 million)

- \$3.1 million for stormwater management projects partially funded through the reserved 0.5 cents on the base real estate tax rate including \$1.2 million for Stream and Channel Maintenance and Four Mile Run Channel Maintenance projects

Other Regional Contributions (FY 2013 - \$0.7 million)

- \$0.36 million for Northern Virginia Community College capital contributions
- \$0.25 million for Northern Virginia Regional Park Authority capital contributions
- \$0.11 million for Peumansend Creek Regional Jail capital contributions

Information Technology (FY 2013 - \$15.4 million)

- \$10.2 million for Computer Aided Dispatch (CAD) Replacement Records Management System (RMS) for Police, Fire and Emergency Medical Services
- \$0.6 million for Citywide computer equipment replacement

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

The Proposed FY 2013 – FY 2022 CIP includes \$1.135 billion in all sources of funding, including \$28.7 million of non-City funds and \$65.0 in capital improvements from the City's Transportation Improvement Program approved by City Council in FY 2012.

The Proposed FY 2013 – FY 2022 All Funds Capital Improvement Program totals \$1.135 billion, which represents a \$38.2 million, or 3.5%, increase from the Approved FY 2012 - 2021 CIP.

The FY 2013 - FY 2022 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 2-18 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):

- A total of \$202.7 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
- \$87.9 million is planned to address capacity issues through projects such as new K-8 facilities at the Jefferson-Houston and Patrick Henry campuses
- \$35.8 million is planned for major facilities maintenance projects throughout the ACPS system from FY 2013-2016
- An additional \$79.9 million in "lump sum funding" is included in the ten year plan for FY 2017-2022 (minus the final year of funding for Patrick Henry). City and ACPS staff have not achieved consensus on these six years of the ten-year plan, so funding is not distributed to individual projects.

Public Buildings:

- \$3.0 million in new funding is planned to complete funding for the construction of Fire Station 210 in the Eisenhower Valley. Funding includes a \$1.0 million project contingency added for FY 2013. Currently, the project has an approximately 4% owner's contingency planned. The \$1.0 million is to be used only as a contingency if there are unforeseen project costs overruns, and can be reprogrammed in future ten-year plans if not required.
- Other major fire station projects are also being planned throughout the City. These include Fire Station 203 (Cameron Mills Rd), Fire Station 205 (Cameron Street), Fire Station 206 (Seminary Rd), and Fire Station 207 (Duke Street). A new developer paid Fire Station (Beauregard Street) is currently being discussed.
- \$18.0 million is planned for the replacement of the HVAC and other integral systems at City Hall
- \$5.3 million to implement Energy Management projects at City facilities
- \$3.5 million for a dedicated Emergency Operations Center, relocation of the Sheriff's Administration Offices, the Hack Inspection Office, and emergency supply storage at the Public Safety Center

Highlights of the Proposed FY 2013 – FY 2022 Capital Improvement Program

Transit and Transportation Infrastructure:

- \$273.8 million for a new Metrorail station in Potomac Yard; total project costs are \$275.0 million, with \$1.2 million included in FY 2012.
- \$134.0 million in funding for Public Transit improvements. Significant projects include:
 - \$73.7 million for WMATA capital contributions
 - \$44.3 million for DASH bus replacements
 - \$7.6 million for expanded DASH bus and trolley/circulator service.
- \$29.8 million for High Capacity Transit Corridors. Significant projects include:
 - \$17.1 million for Transit Corridor "C" (Beauregard) Construction
 - \$9.0 million for Bus Rapid Transit branded rubber tire vehicles
- \$37.3 million for Streets & Bridges. Significant projects include:
 - \$5.4 million to complete funding for improvements at King Street/Quaker Lane/Braddock Road Intersection
 - \$13.0 million for street reconstruction projects beginning FY 2016. Funding is 50% from the City and 50% from the State Revenue Sharing Program
 - \$6.75 million for the Madison and Montgomery reconstruction project
- \$20.7 million for Non-Motorized Transportation. Significant projects include:
 - \$3.3 million to complete funding for the Holmes Run Greenway (\$5.6 million total project costs)
 - \$1.3 million for the Capital Bikeshare program from CMAQ funding
 - \$3.8 million for non-motorized transportation safety projects
- \$14.3 million for Fixed Transportation Equipment. Significant projects include:
 - \$10.6 million for fixed equipment (e.g. signals, mast arm poles, etc.)
 - \$2.5 million for transportation technologies designed to move people quicker and more efficiently throughout the City

Community Development:

- \$0.8 million is planned for initial design of Waterfront Plan elements in FY 2013
- \$2.8 million over ten years for Public Art investments
- \$2.3 million to implement the Transportation Sign & Wayfinding program
- \$2.2 million to complete environmental remediation work at the Potomac River Oronoco Street Outfall
- Implementation projects stemming from the Braddock and King Street plans have \$1.4 million in funding planned

Highlights of the Proposed FY 2013 – FY 2022 Capital Improvement Program

Recreation and Parks:

- \$19.7 million for the acquisition and development of new open space is planned, including \$1.0 million in FY 2013 to meet immediate open space acquisition needs
- A total of \$6.44 million is planned over the ten-year period for necessary maintenance at the Chinquapin Aquatics Center to keep the facility safe and operational
- \$25.5 million is planned over the ten years for the various Category 1 maintenance and repair programs for park and recreation facilities
- A total of \$10.0 million is planned for the design and installation of artificial turf fields City-wide, as well as for the replacement of artificial turf at existing fields
- \$4.0 million to implement improvements at Windmill Hill Park
- \$0.42 million to construct a Miracle Field in the City, a rubberized outdoor sports surface similar to playground surfacing. The rubber allows a firm, yet cushioned, surface for wheelchairs and walkers, allowing Alexandria residents with physical and mental disabilities to play ball. City funding in the amount of \$0.285 million is combined with \$0.135 million in private contributions to complete project funding.

Information Technology:

- The FY 2013 - FY 2022 CIP continues the City's commitment to building and maintaining an essential information technology infrastructure. The plan will enhance information technology services and build on existing City hardware, networks, and software that have been implemented over the past decade.
- The Information Technology (IT) Plan totals \$50.3 million over ten years
- The IT Plan includes including \$10.8 million to fund the Computer Aided Dispatch and Records Management System for Police, Fire and Emergency Medical Services. The total project cost estimate is \$15.0 million, with \$4.2 million funded in prior year plans.

Highlights of the Proposed FY 2013 – FY 2022 Capital Improvement Program

Sanitary Sewers:

- A total of \$102.4 million over ten years is planned for City-wide sanitary sewer projects. This represents an increase of \$64.3 million over the Approved FY 2012 – 2021 CIP and includes \$35.2 million for expanded capacity at the Alexandria Sanitation Authority (ASA) Wastewater Treatment Plant and \$31.5 for a Wet Weather Management Facility. These projects are necessary for projected sanitary sewer expanded capacity and regulatory compliance
- The Sanitary Sewer Fund will be financed by the revenues collected through the Sanitary Sewer Enterprise Fund (sanitary sewer connection and use fees) and bonds funded by those revenues. Reflecting the Proposed FY 2013 – 2022 Sanitary Sewer Fund budget, rate increases to the Sewer Line Maintenance Fee are projected beginning FY 2015. Developer paid connection fees would increase as well. The rate increases appear necessary to fund large one-time capital projects including the Wet Weather Treatment Facility, ASA Wastewater Treatment Plant Expansion, and completion of funding for the Holmes Run Sewer Shed Infiltration and Inflow project.

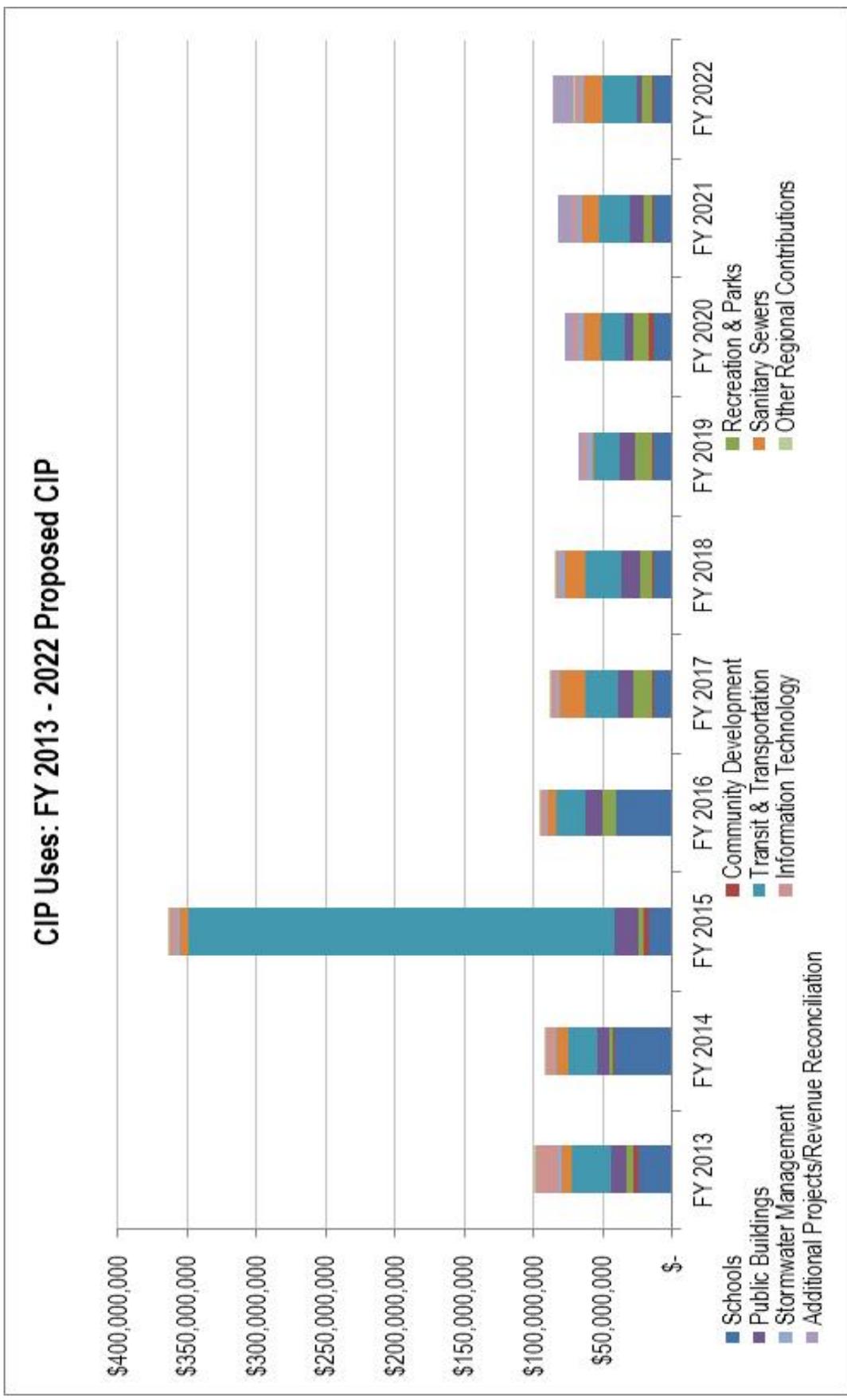
Stormwater Management:

- A total of \$29.4 million over ten years is planned for the stormwater management fund, including moving the Four Mile Run Channel Maintenance and Stream and Channel Maintenance and Restoration projects (along with funding sources) from the Community Development section of the CIP to Stormwater Management
- Stormwater Management projects will be financed by the revenues collected through the dedication of 0.5 cents of the real estate tax rate and an annual transfer of \$1.0 million from the Capital Fund, which represents the current level of General Fund investment

Allowance for Inflation or Additional Projects:

- The FY 2013 CIP leaves some unprogrammed revenues each year starting in FY 2019, which is intended to either be maintained as a small buffer against inflation or be programmed by City Council for additional projects in future CIP's. The size of this allowance was determined by assuming a CIP that requires a relatively consistent level of impact on the operating budget in each year. The ten-year total of these unprogrammed revenues is \$31.7 million from FY 2019 - 2022.

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview



Over \$205 million in requested CIP projects have not been included in the Proposed CIP.

Project Requests Not Included in the CIP

There were over \$205 million in project requests that are not funded in the FY 2013 – FY 2022 Proposed CIP.

The following are some of the major projects that are not included in this CIP.

- ACPS Approved CIP – \$155.1 million
 - The School Board approved their FY 2013 – FY 2022 CIP in February 2012. The plan includes \$155.1 million in projects the City's Proposed CIP including three new school facilities.
- City Municipal Fiber Network – \$20.0 million
 - Installation of City owned fiber and wireless broadband networks independent of the current Institutional Network infrastructure. This project was not funded in FY 2013 due to lack of available funding resources, but will require a decision on funding based on results from the feasibility assessment conducted in FY 2012. If this project is started it must be completed by 2016.
- Fire Station 211 (Beauregard Corridor) – \$11.2 million
 - Developers in the Beauregard Corridor have proposed capital funding contributions for a new fire station. The project request assumed \$9.5 million in developer contributions combined with \$1.75 million in City funding for station fire and EMS vehicles, but remains unfunded at this time.
- Transportation Infrastructure Projects - \$10.7 million
 - An additional \$10.7 in Base CIP funding was requested for Transportation infrastructure projects, including \$2.9 million for Duke Street Reconstruction (half City funding, half State revenue sharing funding). City Council approved the Transportation Improvement Program in FY 2012 to provide for expanded transportation infrastructure and transit options; these projects however are not expansion projects and must compete with Base CIP funding on an annual basis. Other funded transportation infrastructure projects include additional City funding for shared-use paths, bus shelters, and non-motorized transportation safety improvement projects.
- Energy Management Program & Renewable Energy Systems - \$7.4 million
 - An additional \$0.74 million to complete energy conservation, efficiency, and management projects and \$6.7 million for solar electric and solar thermal projects are not funded in the FY 2013 CIP. Funding in the amount of \$5.3 million is provided for the City's Energy Management Program from FY 2013 – FY 2022.

Over \$205 million in requested CIP projects have not been included in the Proposed CIP .

Project Requests Not Included in the CIP, continued

- Parks Facility Projects – \$0.5 million
 - Several City park facility projects requested additional funding in FY 2013, but were not funded based on available resources and project prioritization. They included security lighting at Hillside Park (\$40,000); Duron building roof replacement and HVAC installation (\$110,000); and Four Mile Run Park expansion – Phase II (\$200,000). Additionally, \$130,000 was requested for lighting at the planned Miracle Field (\$130,000) but was not funded. The Miracle Field project is 100% funded through City and private contributions; the lighting portion would allow the field to be utilized by multiple user groups for an extended period of time during the day.
- Library Capital Projects- \$0.5 million
 - \$460,000 in funding for carpet replacement and an additional \$40,000 annually for Library capital projects (Library CFMP could not be fit within available funding levels. The Library CFMP is funded at \$1.57 million over the ten-year plan, and includes an additional \$70,000 for Barrett Branch Library window replacement in FY 2013.

FY 2013 – FY 2022 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.

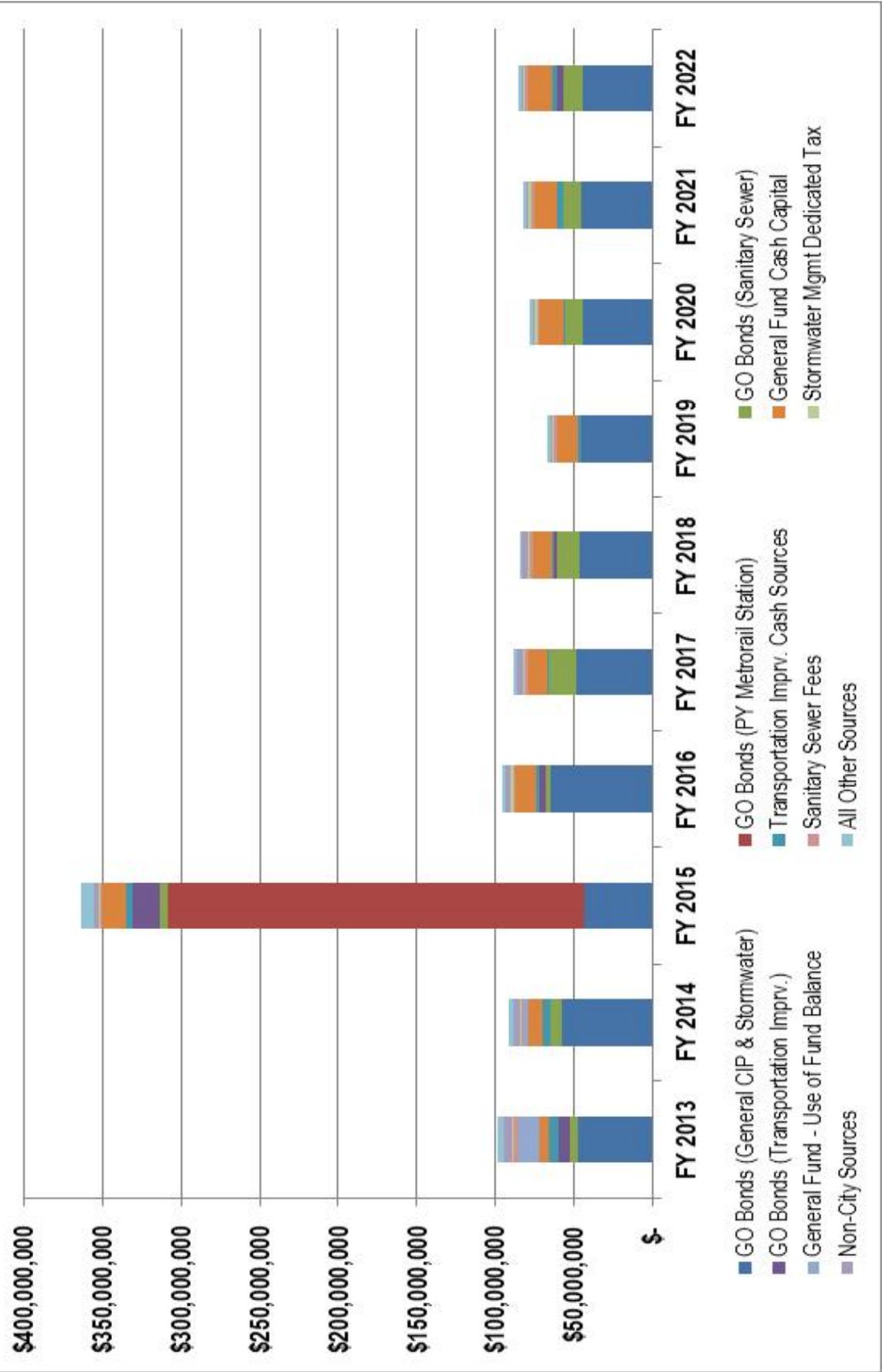
The FY 2013 – FY 2022 CIP will be primarily financed with General Obligation Bonds, Cash Capital, Surplus Fund Balance, Grants and Other Special Revenue.

Funding the total ten-year capital program of \$1.135 billion for the City and the Schools will be provided through a mix of sources including:

- \$487.5 million in general obligation (G.O.) bond borrowing for the CIP;
- \$85.6 million in G.O. bonds supported by sanitary sewer revenues;
- \$34.7 million in G.O. bonds supported by City's Transportation Improvement Program;
- \$265.3 million in G.O. bonds supported by the Potomac Yard Metrorail Station Fund;
- \$28.7 million in grants and other special revenue; and
- \$232.8 million in cash from various sources, including:
 - \$128.0 million in cash capital appropriations;
 - \$30.3 million from the City's Transportation Improvement Program (2.2 cents on the base real estate tax rate and additional cash)
 - \$16.8 million in cash capital from sanitary sewer fees;
 - \$15.4 million in General Fund balance for capital projects;
 - \$14.2 million in dedicated stormwater management tax;
 - \$10.5 million in Comcast revenues;
 - \$8.5 million in Potomac Yard Metrorail Station special tax district revenues and Potomac Yard development contributions;
 - \$6.5 million in bond interest earnings; and
 - \$2.6 million in other City sources.

The FY 2013 - FY 2022 capital funding plan reflects the planned issuance of \$873.1 million in general obligation bonds through FY 2022. Of these, \$85.6 million would be supported by Sanitary Sewer Fund fees, and \$34.7 million are supported by the City's Transportation Improvement Program, funded by the 2.2 cents on the base real estate tax rate and additional General Fund cash capital. The stacked graph on the next page shows the distribution of CIP funding sources over the ten-year plan.

CIP Sources: Proposed FY 2013 - FY 2022



FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

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

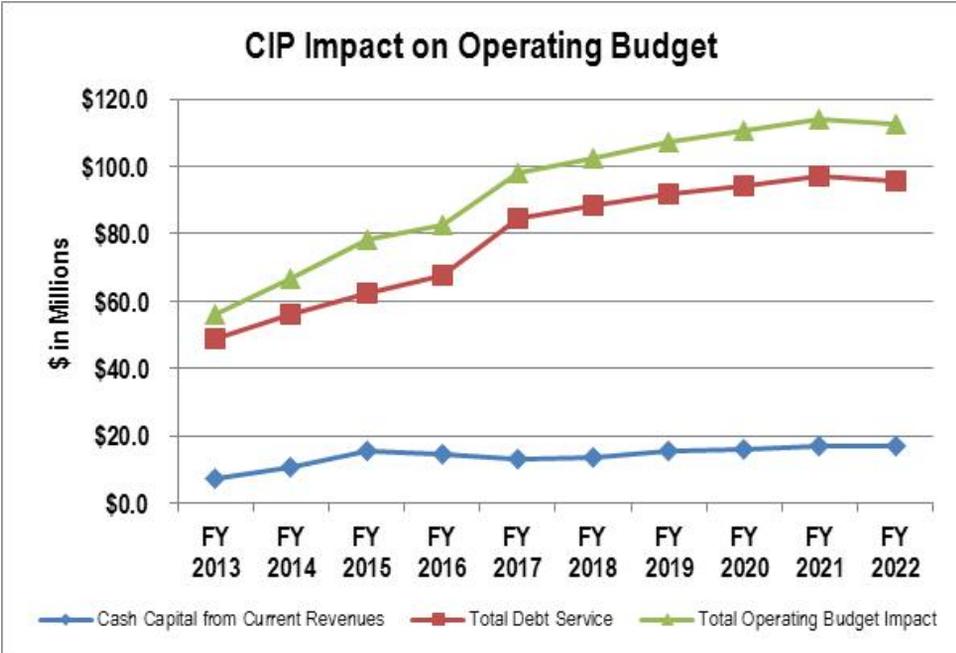
Debt service payments increase each year of the CIP, peaking at \$97.1 million in FY 2021.

The Proposed FY 2013 – FY 2022 CIP also plans to grow the annual cash capital contribution each year before peaking at \$16.8 million in FY 2022. This amount includes the annual additional cash capital contribution for the City's Transportation Improvement Program.

The approved capital program, while accommodating many needs, does not address all of the requests from City agencies and the community. As referenced earlier, over \$205 million in project requests are not included in the ten-year capital plan. The impact on the operating budget of proposing additional cash capital or bond issuance to fund this \$205 million is more than existing or projected revenues at proposed tax rates could finance.

The increasing amount of debt outstanding should not endanger the City's hard-earned AAA/Aaa bond ratings, but will impact the annual operating budget.

As illustrated by the chart below, the annual repayment on the principal and interest due on our general obligation bonds will increase from \$43.4 million in FY 2012 to \$48.6 million in FY 2013, and increase each year until peaking at \$97.1 million in FY 2021. While the annual debt service increases each year until FY 2022, the planned growth of the annual cash capital contribution to the CIP from \$7.5 million in FY 2013 to \$16.8 million in FY 2022 drives much of the increase in the operating budget as well. This planned financing structure would keep the average pay-as-you-go portion of the CIP at 23 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 2015 for the new Potomac Yard Metrorail Station.



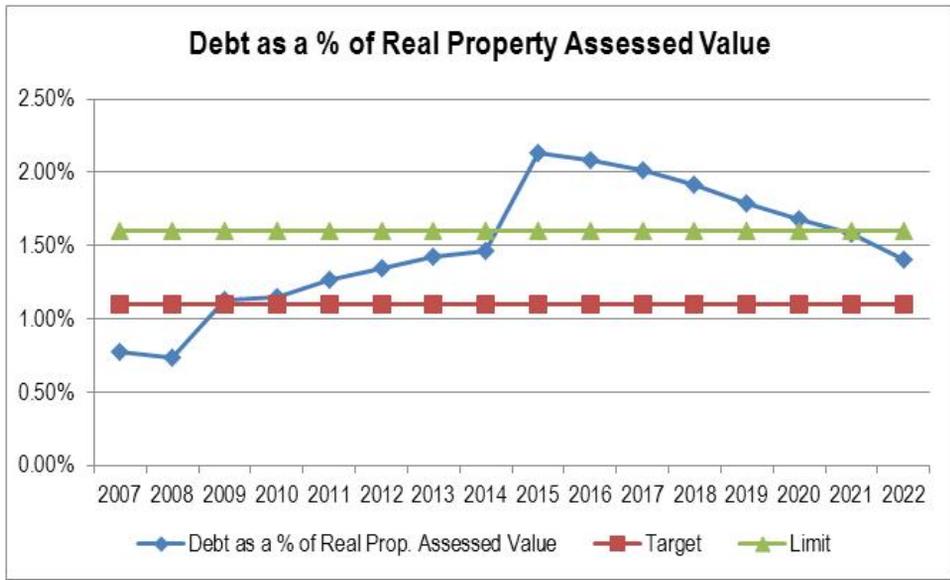
FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

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.

Backing out the Potomac Yard Metrorail Station planned debt, debt as a percent of fair market value remains under the City's current target, and is slightly healthier overall than projected in the FY 2012 Approved CIP.

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 separately as shown in the "Summary Funding Tables" section of the document and in the figures below.

Under this funding plan, the City's debt as a percentage of the fair market value of real property moves above the 1.1 percent target and peaks at 1.5 percent in FY 2015. Factoring in Potomac Yard Metrorail Station debt, this ratio peaks at 2.1 percent in FY 2015, will pass the City's current limit. This is the most important debt ratio considered by the bond 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 non-General Fund revenue sources and still keeps this ratio in the moderate range.

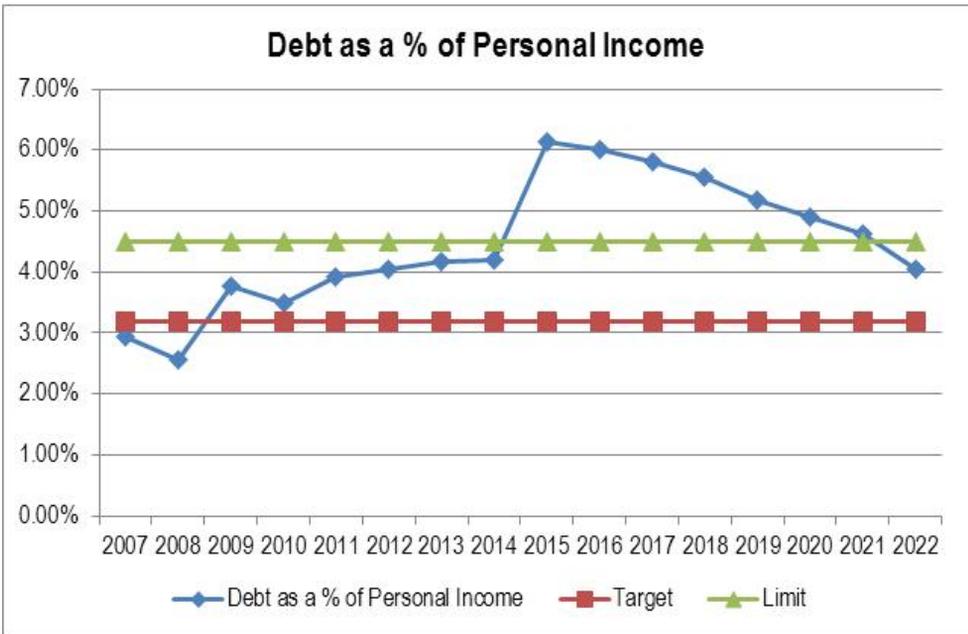


The City be amending this guideline in the near future in response to the planned Potomac Yard Metrorail Station debt issuance. Such an adjustment would likely be for the short term, as the ratio should start to decline and move back within the current 1.6 percent limit by FY 2021. While the Metrorail Station borrowing is significant, the resulting economic development and increase to total City assessed property values provide a return on investment in a relatively quickly. This debt ratio continues to be below that of many other AAA/Aaa rated jurisdictions.

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

The City Manager recommended and City Council adopted a revision of the debt policy guidelines (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 guidelines 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 2012 as a result of the project debt issuance for the planned Potomac Yard Metrorail Station.

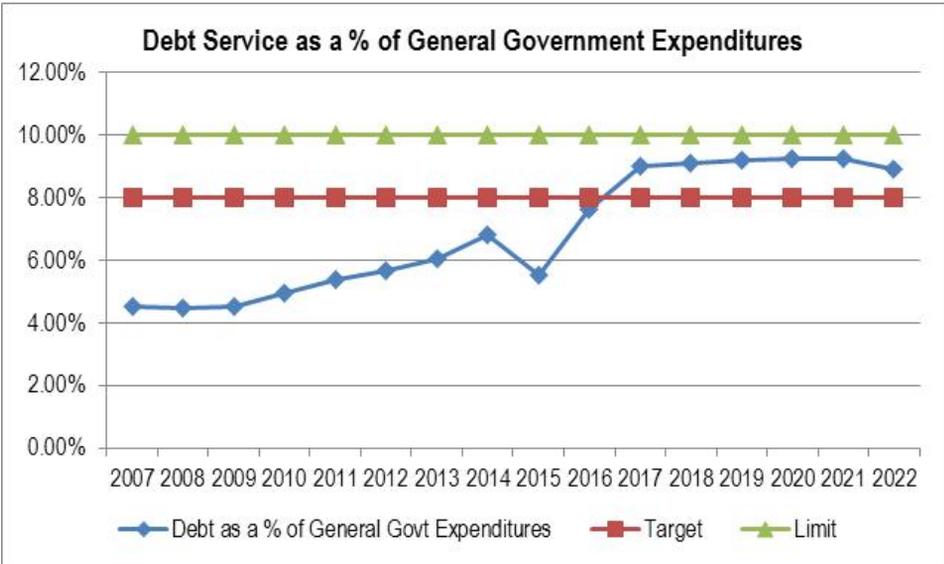


The City's ratio of debt as a percent of personal income at the end of Fiscal Year 2013 is projected to be 4.1 percent, which will exceed the 3.2 percent target, but stay below the limit of 4.5 percent. This is up slightly from the FY 2012 ratio of 3.9 percent. While this plan takes the City close to 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 with FY 2015 peak of 6.1 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 Yards, boosts projected personal income levels. The City would fall back within the current limit by FY 2022.

FY 2013 – FY 2022 Proposed Capital Improvement Program Overview

Although the City will remain below its debt policy ratio target for debt service to general governmental expenditures, as the figure below shows, the impact of Potomac Yard Metrorail Station borrowing would move the City to slightly over the existing target in FY 2017 – 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 and FY 2021. Although the City's ratio is increasing, the City would remain well below our limit of 10% and the levels of many AAA/Aaa rated jurisdictions.



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 could be as much as \$275.0 million, and 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 will start to earn new tax revenues from development in Potomac Yards which are projected to total in excess of \$500 million over 30 years.

These General Obligation Bonds are projected to be issued in FY 2015 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 2012.

Eco-City Initiative and the Capital Improvement Program

The Proposed FY 2013 – FY 2022 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, Building Green, 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 new projects are added to the Proposed FY 2013 – 2022 CIP, Alexandria Sanitation Authority (ASA) 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 FY 2013 – FY 2022 CIP supports the Eco-City Charter and Environmental Action Plan with continued funding both now and well into the future.

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FY 2013 - 2022 CIP
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STRATEGIC PLAN GOAL

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Strategic Plan

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. These goals were incorporated into the Proposed FY 2013 – 2022 Capital Improvement Program (CIP) development process, providing City staff the framework in which to allocate resources to meet the goals of the Strategic Plan.

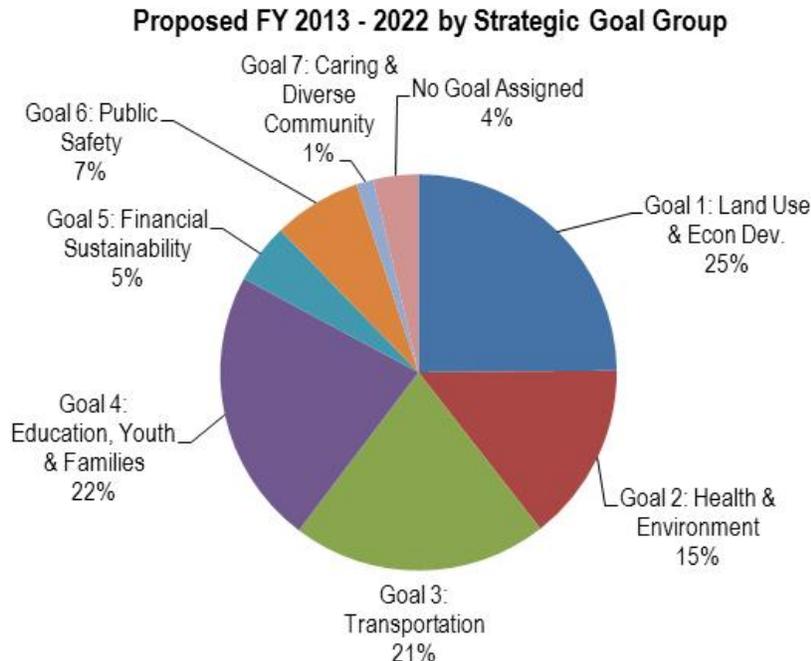
The goals of the City's Strategic Plan are:

GOALS:

- Goal 1: Alexandria has quality development and redevelopment, support for local businesses, and a strong, diverse, and growing local economy.
- Goal 2: Alexandria respects, protects and enhances the health of its citizens and the quality of its natural environment.
- Goal 3: A multimodal transportation network that supports sustainable land use and provides internal mobility and regional connectivity for Alexandrians.
- Goal 4: The City of Alexandria is a community that supports and enhances the well-being, success and achievement of children, youth and families.
- Goal 5: Alexandria is financially sustainable, efficient, community oriented and values its employees.
- Goal 6: The City protects the safety and security of its residents, businesses, employees, and visitors.
- Goal 7: Alexandria is a caring and inclusive community that values its rich diversity, history and culture, and promotes affordability.

FY 2013 – FY 2022 Proposed CIP by Strategic Plan Goal

This pie chart shows the distribution of the Proposed FY 2013 – FY 2022 Capital Improvement Program by Strategic Plan Goal. All funding sources (\$1.135 billion) are included.



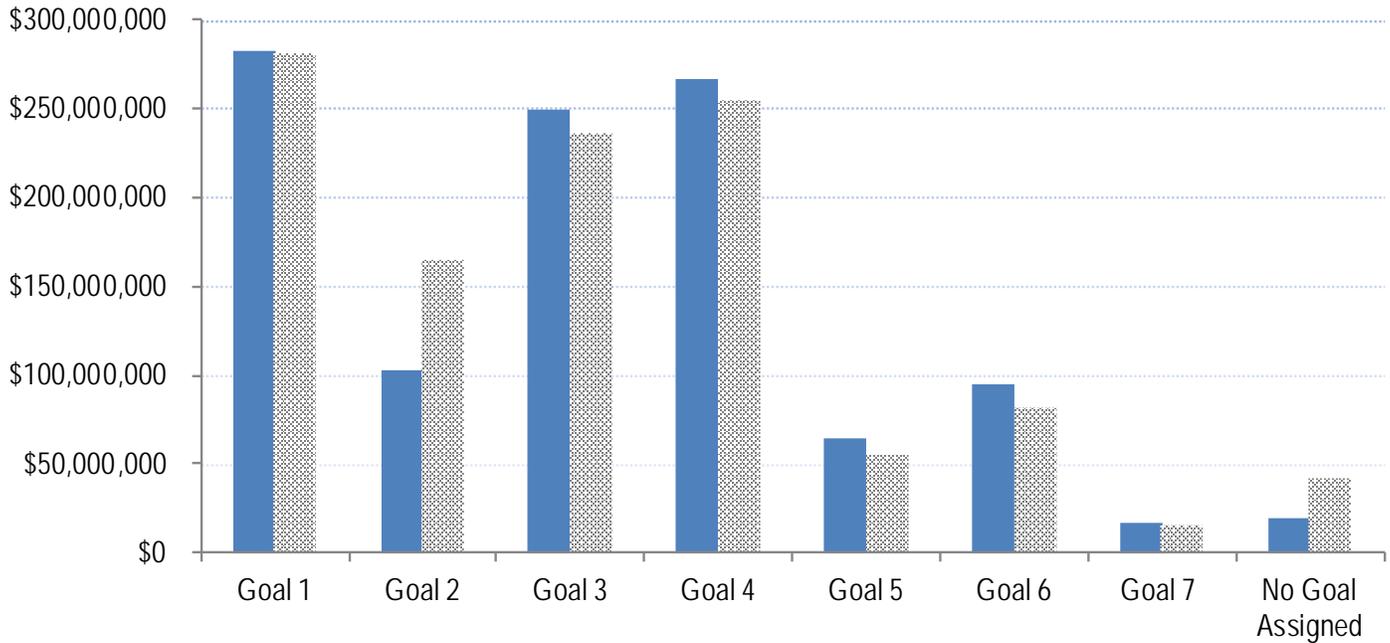
Strategic Plan

The graph below shows the distribution of all revenue sources in the seven Goal Group areas, including the City's Transportation Improvement Program approved by City Council as part of the Proposed FY 2013 – 2022 Capital Improvement Program. The Potomac Yard Metrorail Station (\$275.0 million total project cost) is included as part of Goal 1, Land Use and Economic Development. Alexandria City Public Schools (ACPS) funding is included as part of Goal 4, Children, Youth and Families, totaling \$202.7 million over the ten year plan.

Funding remains relatively consistent throughout the Goal Groups when comparing the Approved FY 2012 – 2021 CIP to the Proposed FY 2013 – 2022. Most of the decreases are attributed to FY 2022 funding being less than the Approved FY 2012 Capital Year Budget, and the inclusion of funding reserved for inflation or additional projects in the "No Goal" section.

Goal 2, Health and Environment shows the largest increase (\$62.7 million), and is attributable to the sanitary sewer expanded capacity and regulatory compliance projects that are included in the Proposed FY 2013 – 2022 CIP. These projects are proposed to be funded through projected sanitary sewer fee increases.

CIP by Strategic Goal Group FY 2012 - 2021 CIP Compared to FY 2013 - 2022 CIP



Capital Improvement Program	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6	Goal 7	No Goal Assigned	Total
Approved FY 2012 - 2021 CIP	\$282,024,000	\$103,042,679	\$249,470,857	\$266,406,066	\$63,925,000	\$95,278,274	\$16,878,220	\$19,329,147	\$1,096,354,243
Proposed FY 2013 - 2022 CIP	\$281,934,000	\$165,758,963	\$236,639,607	\$255,678,507	\$55,532,500	\$81,399,187	\$15,887,620	\$41,723,253	\$1,134,553,637
Difference	(\$90,000)	\$62,716,284	(\$12,831,250)	(\$10,727,559)	(\$8,392,500)	(\$13,879,087)	(\$990,600)	\$22,394,106	\$38,199,394

The following pages provide the list of projects by goal group. In some cases, projects may fall under several goal areas, so the most relevant goal was assigned to the project for the purposes of this display.

Strategic Plan

Strategic Plan Goal Summary – All Revenue Sources

Strategic Plan Goal Summary	<i>Unallocated</i>											
Goal	<i>Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Goal 1 Total	1,550,600	2,520,000	3,355,000	272,550,000	280,000	985,000	831,000	802,000	361,000	120,000	130,000	281,934,000
Goal 2 Total	30,326,736	14,737,963	11,738,000	11,541,000	8,706,000	24,061,000	20,216,000	8,321,000	23,651,000	21,106,000	21,681,000	165,758,963
Goal 3 Total	52,908,677	26,994,250	19,385,107	36,879,250	21,913,000	23,548,000	26,158,000	18,948,000	16,958,000	21,348,000	24,508,000	236,639,607
Goal 4 Total	8,121,366	27,692,918	43,504,281	20,442,565	48,616,231	22,207,133	19,734,080	22,291,821	19,215,718	15,957,772	16,015,988	255,678,507
Goal 5 Total	2,234,340	5,590,000	7,897,500	12,310,000	10,825,000	4,645,000	4,865,000	2,350,000	2,350,000	2,350,000	2,350,000	55,532,500
Goal 6 Total	1,201,371	20,195,393	4,579,465	8,453,738	3,396,085	8,912,506	11,579,000	8,694,000	4,994,000	8,176,000	2,419,000	81,399,187
Goal 7 Total	290,000	1,283,862	1,097,362	1,139,862	1,639,862	3,829,862	1,317,362	1,317,362	1,367,362	1,417,362	1,477,362	15,887,620
No Goal Assigned Total	16,467,314	0	0	0	0	0	0	4,197,317	8,864,420	11,581,366	17,080,150	41,723,253
Total, All Goals	113,100,404	99,014,386	91,556,715	363,316,415	95,376,178	88,188,501	84,700,442	66,921,500	77,761,500	82,056,500	85,661,500	1,134,553,637

Strategic Plan Goal 1

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

Goal 1	<i>Unallocated</i>											
Land Use and Economic Development	<i>Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Section/Project												
Community Development												
Lighting Fixture & Poles Replacement	110,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
Transportation Sign. & Wayfinding System	0	295,000	225,000	200,000	0	515,000	361,000	432,000	241,000	0	0	2,269,000
Braddock Road Area Plan Implementation	100,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
King St. Plan Implementation	0	0	150,000	0	0	250,000	250,000	250,000	0	0	0	900,000
Landmark/Van Dorn Area Plan Impl.	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Waterfront Plan Implementation	0	750,000	0	0	0	0	0	0	0	0	0	750,000
Information Technology												0
GIS Development	0	290,000	160,000	130,000	160,000	100,000	100,000	0	0	0	0	940,000
Permit Processing	140,600	65,000	1,000,000	1,000,000	0	0	0	0	0	0	0	2,065,000
Transit & Transportation												0
Potomac Yard Metrorail Station	1,200,000	1,000,000	1,700,000	271,100,000	0	0	0	0	0	0	0	273,800,000
Goal 1 Total	1,550,600	2,520,000	3,355,000	272,550,000	280,000	985,000	831,000	802,000	361,000	120,000	130,000	281,934,000

Strategic Plan

Strategic Plan Goal 2

Alexandria respects, protects, and enhances the health of its citizens and the quality of its natural environment

Goal 2												
Health & Environment	<i>Unallocated</i>											
Section/Project	<i>Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Community Development												
City Marina Waterfront Dredging	0	0	550,000	2,550,000	0	0	0	100,000	3,000,000	0	0	6,200,000
Environmental Restoration	388,750	0	134,000	0	150,000	0	150,000	0	150,000	150,000	150,000	884,000
Four Mile Run Stream Restoration	1,094,042	402,963	0	0	0	0	0	0	0	0	0	402,963
Oronoco Outfall	85,000	2,200,000	0	0	0	0	0	0	0	0	0	2,200,000
Information Technology												
DCHS HIPAA Data Security Compliance	0	75,000	25,000	25,000	25,000	25,000	25,000	0	0	0	0	200,000
Public Buildings												
Mental Health Residential Facilities CFMP	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Recreation & Parks												
Open Space Acquisition and Develop.	5,721,846	1,000,000	0	0	800,000	1,500,000	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	19,650,000
Tree & Shrub Capital Maintenance	166,000	226,000	226,000	226,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	2,860,000
Sanitary Sewers												
ASA Wastewater Treatment Plant Expansion	0	500,000	500,000	0	0	0	0	0	11,070,000	11,400,000	11,750,000	35,220,000
Commonwealth Service Chamber	370,000	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Sanitary Sewer Repair	130,000	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Holmes Run Sewershed Infiltration & Inflow	4,960,000	4,360,000	4,200,000	3,600,000	3,850,000	3,850,000	0	0	0	0	0	19,860,000
Holmes Run Trunk Sewer	6,037,000	0	0	0	0	0	0	0	0	0	0	0
Mitigation of Combined Sewer Overflows	1,581,690	319,000	335,000	335,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,439,000
Reconstructions & Exts. of Sanitary Sewers	2,373,918	322,000	0	775,000	320,000	435,000	540,000	660,000	760,000	760,000	845,000	5,417,000
Sanitary Sewer Capacity Studies	149,877	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Master Plan	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Sewer Separation Projects	600,000	500,000	120,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,420,000
Wet Weather Management Facility	0	0	3,375,000	1,125,000	0	13,300,000	13,700,000	0	0	0	0	31,500,000

Strategic Plan

Strategic Plan Goal 2, Continued

Alexandria respects, protects, and enhances the health of its citizens and the quality of its natural environment

Goal 2 (Continued)													
Health & Environment	<i>Unallocated</i>												
Section/Project	<i>Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22	
Stormwater Management													
Braddock Rd. & West St. Storm Sewer	0	0	0	0	0	0	0	750,000	750,000	1,500,000	2,000,000	5,000,000	
Four Mile Run Channel Maintenance	600,000	1,010,000	0	0	0	600,000	0	0	0	0	0	1,610,000	
Ft. Ward Stormwater	85,000	500,000	0	0	0	0	0	0	0	0	0	500,000	
Key Drive Flood Mitigation	0	0	0	1,000,000	800,000	0	0	0	0	0	0	1,800,000	
Miscellaneous Storm Sewer Repairs	3,314,113	0	525,000	775,000	535,000	825,000	925,000	285,000	395,000	670,000	300,000	5,235,000	
NPDES / MS4 Permit	134,000	0	0	0	0	0	0	0	0	0	0	0	
Storm Sewer Capacity Analysis	1,088,500	350,000	400,000	0	0	0	0	0	0	0	0	750,000	
Storm/Combined Sewer Assessment and Renovation	450,000	0	0	380,000	900,000	900,000	900,000	900,000	900,000	900,000	0	0	4,880,000
Stream & Channel Maintenance and Rest.	170,750	1,198,000	1,198,000	0	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	9,596,000	
Taylor Run at Janney's Lane	551,250	0	0	0	0	0	0	0	0	0	0	0	
Transit & Transportation													
Retrofit Traffic Lights with LED Technology	125,000	125,000	0	0	0	0	0	0	0	0	0	125,000	
Goal 2 Total	30,326,736	14,737,963	11,738,000	11,541,000	8,706,000	24,061,000	20,216,000	8,321,000	23,651,000	21,106,000	21,681,000	165,758,963	

Strategic Plan

Strategic Plan Goal 3

A multimodal transportation network that supports sustainable land use and provide internal mobility and regional connectivity for Alexandrians

Goal 3 Transportation Section/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Recreation & Parks												
Soft Surface Trails	0	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	120,000	660,000
Transit & Transportation												
Fixed Transportation Equipment	450,000	850,000	850,000	850,000	850,000	850,000	1,450,000	850,000	850,000	2,350,000	850,000	10,600,000
Parking Technologies	0	0	0	250,000	260,000	270,000	280,000	0	0	0	0	1,060,000
Transportation Technologies	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Crystal City/Potomac Yard BRT	5,685,553	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "A" BRT Rolling Stock	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
Transit Corridor "A" Streetcar Conversion	1,000,000	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Transit Corridor "A" Widening	600,000	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "B" Construction	0	0	0	0	0	0	0	0	0	0	700,000	700,000
Transit Corridor "C" Construction	2,100,000	800,000	1,800,000	13,300,000	1,200,000	0	0	0	0	0	0	17,100,000
Transit Corridor "C" Rolling Stock	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
Access to Transit	1,838,000	0	0	0	0	0	0	0	0	0	0	0
Backlick Run Multi-Use Paths	0	0	0	0	0	200,000	3,000,000	0	0	0	0	3,200,000
Bicycle Parking at Major Transit Stops	0	0	0	25,000	225,000	0	0	0	0	0	0	250,000
BRAC Neighborhood Protection Plan	510,000	0	0	0	0	0	0	0	0	0	0	0
Braddock Rd. Metro Multimodal Connections	0	0	0	600,000	550,000	0	0	0	0	0	0	1,150,000
Capital Bikeshare	0	400,000	100,000	110,000	120,000	260,000	270,000	0	0	0	0	1,260,000
Edsall and South Pickett Pedestrian Imprv.	120,000	0	0	0	0	0	0	0	0	0	0	0
Mount Vernon Trail @ East Abingdon	250,000	50,000	450,000	0	0	0	0	0	0	0	0	500,000
Non-Motorized Transportation (Complete St.)	448,088	165,000	220,857	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	2,545,857
Non-Motorized Transportation (Safety)	420,000	100,000	100,000	100,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,800,000
Old Cameron Run Trail	0	0	0	500,000	3,000,000	0	0	0	0	0	0	3,500,000
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	180,000	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	2,034,800	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000

Strategic Plan

Strategic Plan Goal 3, Continued

A multimodal transportation network that supports sustainable land use and provide internal mobility and regional connectivity for Alexandrians

Goal 3 Transportation Section/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Transit & Transportation												
ADA Access	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Bus Shelters	525,000	236,250	236,250	236,250	0	0	0	0	0	0	0	708,750
DASH Bus Fleet Replacements	2,032,000	3,905,000	4,460,000	4,430,000	3,280,000	7,020,000	6,360,000	4,200,000	3,200,000	3,200,000	4,200,000	44,255,000
DASH Fleet Expansion	4,889,000	0	0	2,600,000	0	0	0	2,200,000	0	0	0	4,800,000
Expanded Trolley/Circulator/Transit Service	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
Hybrid Bus / Trolley Battery Packs	0	0	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	1,500,000
King Street Station Improvements	6,100,000	200,000	0	0	0	0	0	0	1,000,000	0	0	1,200,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	2,000,000	3,000,000	5,000,000
South Eisenhower Metrorail Station	4,742,085	0	0	0	0	0	0	0	0	0	0	0
WMATA Capital	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000
Bridge Repairs	600,000	600,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
Duke Street Complete Streets	0	0	0	0	0	0	0	0	210,000	2,100,000	0	2,310,000
Edsall Road	1,460,904	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
High Street Construction	0	0	0	0	0	0	0	0	0	0	500,000	500,000
King & Beaugard Intersection	8,253,262	0	0	0	0	0	0	0	0	0	0	0
King/Quaker Lane/Braddock Rd. Inter.	448,000	5,400,000	0	0	0	0	0	0	0	0	0	5,400,000
Madison & Montgomery Reconstruction	0	0	0	0	500,000	3,250,000	3,000,000	0	0	0	0	6,750,000
Miscellaneous Undergrounding	90,000	50,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	860,000
Mt. Vernon Ave/Russell Road Intersection	0	0	0	100,000	900,000	0	0	0	0	0	0	1,000,000
Street Reconstructions TBD	0	0	0	0	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	13,000,000
Street/Alley Reconstructions & Extensions	775,024	300,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,700,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Goal 3 Total	52,908,677	26,994,250	19,385,107	36,879,250	21,913,000	23,548,000	26,158,000	18,948,000	16,958,000	21,348,000	24,508,000	236,639,607

Strategic Plan

Strategic Plan Goal 4

Alexandria is a community that supports and enhances the well-being, success and achievement of children, youth and families

Goal 4 Land Use and Economic Development Section/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS												
Jefferson-Houston New K-8	2,320,000	7,130,489	32,195,137	1,785,812	0	0	0	0	0	0	0	41,111,438
Other Capacity Projects	0	1,994,475	1,720,123	0	0	0	0	0	0	0	0	3,714,598
Patrick Henry K-8	0	0	2,950,328	7,491,466	31,660,003	930,643	0	0	0	0	0	43,032,440
ADA Projects	1,430,090	0	0	0	137,981	0	0	0	0	0	0	137,981
Asset Loss Prevention	150,625	751,584	558,592	497,392	453,789	0	0	0	0	0	0	2,261,357
Asset Replacement	179,000	500,000	500,000	500,000	805,760	0	0	0	0	0	0	2,305,760
EcoCity Projects	1,080,366	0	0	2,289,363	1,203,156	0	0	0	0	0	0	3,492,519
Equipment and Systems Replacement	0	988,743	855,869	764,195	915,755	0	0	0	0	0	0	3,524,562
Facilities Maintenance	1,199,332	11,332,111	1,566,313	3,134,849	2,048,864	0	0	0	0	0	0	18,082,137
Instructional Environment	0	630,375	646,134	662,288	678,845	0	0	0	0	0	0	2,617,642
Shared Program Priorities	0	742,628	128,704	131,922	135,221	0	0	0	0	0	0	1,138,475
ACPS Lump Sum Funding (Projects TBD)	0	0	0	0	2,217,808	12,000,000	13,000,000	13,500,000	13,366,000	13,600,000	13,600,000	81,283,808
Information Technology												0
DCHS Payment System Replacement	0	0	125,000	0	0	0	0	0	0	0	0	125,000
Other Regional Contributions												0
Northern Virginia Community College	0	245,513	286,081	328,278	372,049	379,490	387,080	394,821	402,718	410,772	418,988	3,625,790
Recreation & Parks												0
ADA Requirements	83,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	290,000
Athletic Field Improvements (incl. Synthetic Turf)	0	0	0	0	0	2,500,000	2,500,000	2,500,000	2,500,000	0	0	10,000,000
Athletic Field Restrooms	0	0	0	200,000	250,000	0	0	0	0	0	0	450,000
Ball Court Renovations	150,000	75,000	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Park Renovations CFMP	231,000	313,000	338,000	338,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	3,855,000
Playground Renovations	0	300,000	700,000	850,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	6,250,000
Restaurant Depot Contribution Projects	500,000	0	0	0	0	0	0	0	0	0	0	0
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,280,000
Windmill Hill Park	784,953	0	0	0	300,000	3,700,000	0	0	0	0	0	4,000,000

Strategic Plan

Strategic Plan Goal 4, Continued

Alexandria is a community that supports and enhances the well-being, success and achievement of children, youth and families

Goal 4 Land Use and Economic Development Section/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Recreation & Parks												0
Public Pools	13,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Center CFMP	0	620,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,120,000
Chinquapin Aquatics Center	0	1,440,000	0	0	0	1,000,000	2,000,000	2,000,000	0	0	0	6,440,000
Miracle Field	0	420,000	0	0	0	0	0	0	0	0	0	420,000
Patrick Henry Recreation Center	0	0	0	610,000	5,490,000	0	0	0	0	0	0	6,100,000
Spray Parks	0	0	0	0	0	0	0	2,000,000	1,000,000	0	0	3,000,000
Goal 4 Total	8,121,366	27,692,918	43,504,281	20,442,565	48,616,231	22,207,133	19,734,080	22,291,821	19,215,718	15,957,772	16,015,988	255,678,507

Strategic Plan

Strategic Plan Goal 5

Alexandria is financially sustainable, efficient, community-oriented and values its employees

Goal 5 Financial Sustainability Section/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Information Technology												
Document Management & Imaging Infra.	0	0	0	20,000	20,000	20,000	20,000	0	0	0	0	80,000
IT Enterprise Management System	0	200,000	200,000	200,000	0	0	200,000	0	0	0	0	800,000
Business Tax System	34,000	25,000	85,000	0	50,000	50,000	50,000	0	0	0	0	260,000
Customer Management System	0	0	0	0	0	5,000	0	0	0	0	0	5,000
Enterprise Resource Planning System	0	500,000	500,000	75,000	100,000	100,000	75,000	0	0	0	0	1,350,000
Finance Payment Kiosk	50,000	0	0	0	0	25,000	0	0	0	0	0	25,000
Handheld Data Collection Devices	0	25,000	0	0	0	0	0	0	0	0	0	25,000
Personal Property Tax System	0	0	0	260,000	0	0	0	0	0	0	0	260,000
Purchasing System Upgrade	15,000	0	0	0	0	0	0	0	0	0	0	0
Real Estate Account Receivable System	200,000	200,000	0	0	0	20,000	0	0	0	0	0	220,000
Reciprocity Contractor System	0	30,000	0	0	0	0	0	0	0	0	0	30,000
Virtual Adjudication	20,000	0	0	0	0	0	10,000	0	0	0	0	10,000
Database Infrastructure	73,000	60,000	60,000	40,000	40,000	40,000	40,000	0	0	0	0	280,000
Enterprise Data Storage Infrastructure	0	95,000	90,000	90,000	130,000	130,000	300,000	0	0	0	0	835,000
LAN Development	50,000	15,000	25,000	25,000	25,000	25,000	25,000	0	0	0	0	140,000
LAN/WAN Infrastructure	625,000	300,000	275,000	270,000	280,000	275,000	450,000	0	0	0	0	1,850,000
Network Server Infrastructure	0	175,000	175,000	170,000	180,000	175,000	175,000	0	0	0	0	1,050,000
Upgrade Work Station Operating Systems	250,000	450,000	200,000	200,000	200,000	200,000	200,000	0	0	0	0	1,450,000
Voice Over IP	130,000	75,000	75,000	75,000	75,000	100,000	75,000	0	0	0	0	475,000
Security	50,000	100,000	100,000	100,000	200,000	155,000	100,000	0	0	0	0	755,000
IT Equipment Replacement	0	600,000	200,000	200,000	200,000	200,000	200,000	0	0	0	0	1,600,000
Enterprise Maintenance Mgmt System	135,000	50,000	92,500	60,000	100,000	100,000	60,000	0	0	0	0	462,500
Customer Relationship Management System	75,000	50,000	50,000	50,000	75,000	75,000	50,000	0	0	0	0	350,000
Electronic Government	317,340	0	75,000	75,000	100,000	100,000	85,000	0	0	0	0	435,000

Strategic Plan

Strategic Plan Goal 5, Continued

Alexandria is financially sustainable, efficient, community-oriented and values its employees

Goal 5 Financial Sustainability Section/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Buildings												
City Hall HVAC & Infrastructure Repl.	0	250,000	2,950,000	8,000,000	6,800,000	0	0	0	0	0	0	18,000,000
Elevator Replacement/Refurbishment	0	500,000	0	500,000	0	0	0	0	0	0	0	1,000,000
Energy Management Program	210,000	210,000	400,000	450,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,260,000
Fleet Facility - Lift Replacement	0	0	585,000	0	0	0	0	0	0	0	0	585,000
General Services CFMP	0	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	12,500,000
Market Square Renovations	0	0	0	0	200,000	400,000	0	0	0	0	0	600,000
Roof Replacement Program	0	530,000	310,000	0	0	0	0	0	0	0	0	840,000
Space Management Program	0	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	950,000
Recreation & Parks												
Pavement Improvements at Parks	0	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000
City Median Conversions/Renovations	0	0	0	0	0	400,000	400,000	0	0	0	0	800,000
Goal 5 Total	2,234,340	5,590,000	7,897,500	12,310,000	10,825,000	4,645,000	4,865,000	2,350,000	2,350,000	2,350,000	2,350,000	55,532,500

Strategic Plan

Strategic Plan Goal 6

The City protects the safety and security of its residents, businesses, employees, and visitors

Goal 6 Public Safety Section/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Community Development												
Crime Prevention Projects (Street Lighting)	0	0	0	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	175,000
Information Technology												
Connectivity Initiatives	985,000	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
AJIS Enhancements	97,000	160,000	160,000	160,000	160,000	160,000	160,000	0	0	0	0	960,000
Computer Aided Dispatch System Replacement	0	10,200,000	600,000	0	0	0	0	0	0	0	0	10,800,000
EMS Records Management System	21,500	0	0	0	0	0	0	0	0	0	0	0
Fire Radios	0	420,000	400,000	400,000	0	0	0	0	0	0	0	1,220,000
Fire Records Management Project	85,871	0	0	0	0	0	0	0	0	0	0	0
Police CAD/RMS Project	18,000	0	0	0	0	0	0	0	0	0	0	0
Public Safety Radio Replacement	0	0	0	50,000	50,000	50,000	50,000	0	0	0	0	200,000
Remote Radio Technology	0	24,000	0	0	0	0	0	0	0	0	0	24,000
Other Regional Contributions												
Peumansend Creek Regional Jail	0	112,393	115,465	109,738	104,085	98,506	0	0	0	0	0	540,187
Public Buildings												
City Hall Security Enhancements	0	175,000	0	0	0	0	0	0	0	0	0	175,000
Emergency Generators	0	645,000	560,000	190,000	143,000	300,000	400,000	25,000	25,000	207,000	450,000	2,945,000
Burn Building	0	0	200,000	0	0	0	0	0	0	0	0	200,000
Emergency Govt. Relocation Center	0	0	0	0	0	1,200,000	0	0	0	0	0	1,200,000
EOC/Public Safety Center Reuse	0	3,515,000	0	0	0	0	0	0	0	0	0	3,515,000
Fire Station 203 (Cameron Mills)	0	0	600,000	5,600,000	0	0	0	0	0	0	0	6,200,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	700,000	3,000,000	6,000,000	0	9,700,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	9,700,000
Fire Station 207 (Duke Street)	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	0	9,700,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Fire Station CFMP	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Pistol Range	0	0	0	0	0	1,435,000	0	0	0	0	0	1,435,000
Police K-9 Facility Renovation	0	0	0	0	270,000	0	0	0	0	0	0	270,000
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
Goal 6 Total	1,201,371	20,195,393	4,579,465	8,453,738	3,396,085	8,912,506	11,579,000	8,694,000	4,994,000	8,176,000	2,419,000	81,399,187

Strategic Plan

Strategic Plan Goal 7

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

Goal 7 Caring & Diverse Community	<i>Unallocated</i>											
Subsection/Project	<i>Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Community Development												
Public Art Acquisition	0	50,000	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	2,750,000
Public Art Conservation Program	30,000	15,000	15,000	15,000	15,000	15,000	22,500	22,500	22,500	22,500	22,500	187,500
Information Technology												
Fort Ward I-Net Connectivity	0	40,000	0	0	0	0	0	0	0	0	0	40,000
Library LAN/WAN Infrastructure	0	60,000	0	0	0	0	0	0	0	0	0	60,000
Library Replacement Equipment	0	34,000	0	0	0	0	0	0	0	0	0	34,000
Library Wireless Solution	0	20,000	2,500	0	0	20,000	0	0	0	0	0	42,500
Recreation Database & Financial Systems	0	50,000	35,000	30,000	30,000	100,000	50,000	0	0	0	0	295,000
Other Regional Contributions												
Northern Virginia Regional Park Authority	0	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	3,598,620
Public Buildings												
Library CFMP	0	220,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,570,000
City Historic Facilities CFMP	205,000	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
Recreation & Parks												
City Marina Maintenance	55,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
City Marina Seawalls	0	0	0	0	200,000	1,500,000	0	0	0	0	0	1,700,000
City Marina Utility Upgrades	0	0	0	0	250,000	1,000,000	0	0	0	0	0	1,250,000
Goal 7 Total	290,000	1,283,862	1,097,362	1,139,862	1,639,862	3,829,862	1,317,362	1,317,362	1,367,362	1,417,362	1,477,362	15,887,620

No Goal Assigned	<i>Unallocated</i>											
Section/Project	<i>Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Community Development												
Woodrow Wilson Bridge Project	16,467,314	0	0	0	0	0	0	0	0	0	0	0
Inflation or Additional Projects												
Inflation or Additional Projects	0	0	0	0	0	0	0	1,697,317	6,364,420	9,081,366	14,580,150	31,723,253
Information Technology												
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
No Goal Assigned Total	16,467,314	0	0	0	0	0	0	4,197,317	8,864,420	11,581,366	17,080,150	41,723,253

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SUMMARY EXPENDITURE TABLES

Summary Expenditures Tables

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Summary Expenditures Tables

Total Sources and Uses of Capital Improvement Program Funds Proposed FY 2013 - 2022 CIP

ALL SOURCES	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>TOTAL</u>
General Fund Planned Appropriations (Cash Capital)	\$ 6,605,483	\$ 9,792,470	\$ 14,794,728	\$ 13,725,741	\$ 12,938,064	\$ 12,581,442	\$ 13,272,500	\$ 14,772,500	\$ 14,772,500	\$ 14,772,500	\$ 128,027,928
General Fund Balance	\$ 13,245,716	\$ 2,164,558	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,410,274
General Obligation Bonds (General CIP)	\$ 46,640,000	\$ 56,980,000	\$ 42,160,000	\$ 63,440,000	\$ 47,720,000	\$ 45,790,000	\$ 44,200,000	\$ 43,150,000	\$ 44,000,000	\$ 43,430,000	\$ 477,510,000
Bond Interest Earnings	\$ 250,000	\$ 300,000	\$ 400,000	\$ 500,000	\$ 600,000	\$ 700,000	\$ 800,000	\$ 900,000	\$ 1,000,000	\$ 1,000,000	\$ 6,450,000
Sale of Property Revenue	\$ 1,546,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,546,000
Other Base City Sources	\$ 216,437	\$ 216,437	\$ 216,437	\$ 216,437	\$ 216,437	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,082,185
Subtotal Unrestricted City Sources	\$68,503,636	\$69,453,465	\$ 57,571,165	\$77,882,178	\$61,474,501	\$59,071,442	\$58,272,500	\$58,822,500	\$59,772,500	\$59,202,500	\$ 630,026,387
Sanitary Sewer G.O. Bonds	\$ 4,850,000	\$ 6,905,000	\$ 4,875,000	\$ 3,850,000	\$ 17,150,000	\$ 13,700,000	\$ -	\$ 11,070,000	\$ 11,400,000	\$ 11,750,000	\$ 85,550,000
Sanitary Sewer Fees	\$ 2,651,000	\$ 1,625,000	\$ 1,560,000	\$ 1,270,000	\$ 1,385,000	\$ 1,490,000	\$ 1,610,000	\$ 1,710,000	\$ 1,710,000	\$ 1,805,000	\$ 16,816,000
Stormwater Management GO Bonds	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000
Stormwater Management Dedicated Tax	\$ 1,048,000	\$ 1,123,000	\$ 1,155,000	\$ 1,235,000	\$ 1,325,000	\$ 1,425,000	\$ 1,535,000	\$ 1,645,000	\$ 1,770,000	\$ 1,900,000	\$ 14,161,000
Transportation Imprv. Program GO Bonds	\$ 6,725,000	\$ -	\$ 17,760,000	\$ 3,275,000	\$ -	\$ 1,970,000	\$ -	\$ -	\$ 640,000	\$ 4,350,000	\$ 34,720,000
Transportation Imprv. Program Dedicated Tax (for CIP)	\$ 5,515,956	\$ 3,940,956	\$ 2,998,119	\$ 1,123,466	\$ -	\$ -	\$ 340,956	\$ -	\$ 1,600,956	\$ 1,490,956	\$ 17,011,365
Transportation Imprv.. Program General Fund Transfer	\$ 909,044	\$ 909,044	\$ 991,881	\$ 951,534	\$ 450,000	\$ 1,280,000	\$ 2,109,044	\$ 1,460,000	\$ 2,109,044	\$ 2,109,044	\$ 13,278,635
Potomac Yard Metrorail GO Bonds	\$ -	\$ -	\$ 265,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 265,300,000
Potomac Yard Dev. Contributions & Dedicated Tax	\$ 1,000,000	\$ 1,700,000	\$ 5,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,500,000
ITS Comcast Revenue	\$ 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
Subtotal Restricted City Sources	\$24,753,000	\$18,257,000	\$302,494,000	\$13,759,000	\$22,364,000	\$21,919,000	\$ 7,649,000	\$17,939,000	\$21,284,000	\$25,459,000	\$ 475,877,000
State Urban Funds/CMAQ & RSTP	\$ 4,355,000	\$ 3,610,000	\$ 3,015,000	\$ 3,235,000	\$ 3,350,000	\$ 2,710,000	\$ -	\$ -	\$ -	\$ -	\$ 20,275,000
VDOT Revenue Sharing Funds	\$ -	\$ -	\$ -	\$ 500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,500,000
Federal Earmarks & Grants	\$ 1,267,750	\$ 236,250	\$ 236,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,740,250
Other Non-City Sources	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
Subtotal Non-City Sources	\$ 5,757,750	\$ 3,846,250	\$ 3,251,250	\$ 3,735,000	\$ 4,350,000	\$ 3,710,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 28,650,250
TOTAL ALL SOURCES	\$99,014,386	\$91,556,715	\$363,316,415	\$95,376,178	\$88,188,501	\$84,700,442	\$66,921,500	\$77,761,500	\$82,056,500	\$85,661,500	\$1,134,553,637

Summary Expenditures Tables

Total Sources and Uses of Capital Improvement Program Funds Proposed FY 2013 - 2022 CIP

ALL USES	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>TOTAL</u>
Schools	\$ 24,070,405	\$ 41,121,200	\$ 17,257,287	\$ 40,257,182	\$ 12,930,643	\$ 13,000,000	\$ 13,500,000	\$ 13,366,000	\$ 13,600,000	\$ 13,600,000	\$ 202,702,717
Community Development	\$ 3,832,963	\$ 1,294,000	\$ 3,035,000	\$ 510,000	\$ 1,175,000	\$ 1,228,500	\$ 1,299,500	\$ 3,958,500	\$ 767,500	\$ 827,500	\$ 17,928,463
Recreation & Parks	\$ 4,753,000	\$ 2,598,000	\$ 3,483,000	\$ 9,863,000	\$ 14,023,000	\$ 8,823,000	\$ 12,123,000	\$ 10,173,000	\$ 6,673,000	\$ 6,783,000	\$ 79,295,000
Public Buildings	\$ 11,580,000	\$ 8,340,000	\$ 17,475,000	\$ 11,448,000	\$ 10,370,000	\$ 13,035,000	\$ 10,360,000	\$ 6,660,000	\$ 9,842,000	\$ 4,095,000	\$ 103,205,000
Transit & Transportation	\$ 28,059,250	\$ 21,025,107	\$ 307,919,250	\$ 21,853,000	\$ 23,488,000	\$ 26,098,000	\$ 18,888,000	\$ 16,898,000	\$ 21,288,000	\$ 24,388,000	\$ 509,904,607
Sanitary Sewers	\$ 7,501,000	\$ 8,530,000	\$ 6,435,000	\$ 5,120,000	\$ 18,535,000	\$ 15,190,000	\$ 1,610,000	\$ 12,780,000	\$ 13,110,000	\$ 13,555,000	\$ 102,366,000
Stormwater Management	\$ 3,058,000	\$ 2,123,000	\$ 2,155,000	\$ 2,235,000	\$ 3,525,000	\$ 3,025,000	\$ 3,135,000	\$ 3,245,000	\$ 3,370,000	\$ 3,500,000	\$ 29,371,000
Information Technology	\$ 15,442,000	\$ 5,764,000	\$ 4,759,000	\$ 3,254,000	\$ 3,304,000	\$ 3,554,000	\$ 3,554,000	\$ 3,554,000	\$ 3,554,000	\$ 3,554,000	\$ 50,293,000
Other Regional Contributions	\$ 717,768	\$ 761,408	\$ 797,878	\$ 835,996	\$ 837,858	\$ 746,942	\$ 754,683	\$ 762,580	\$ 770,634	\$ 778,850	\$ 7,764,597
Additional Projects/Revenue Reconciliation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,697,317	\$ 6,364,420	\$ 9,081,366	\$ 14,580,150	\$ 31,723,253
TOTAL ALL USES	\$ 99,014,386	\$ 91,556,715	\$ 363,316,415	\$ 95,376,178	\$ 88,188,501	\$ 84,700,442	\$ 66,921,500	\$ 77,761,500	\$ 82,056,500	\$ 85,661,500	\$ 1,134,553,637
% FROM BONDS	59.8%	70.9%	91.1%	75.0%	74.7%	73.7%	67.5%	71.0%	69.5%	70.7%	77.0%
% FROM CITY AND OTHER CASH SOURCES	40.2%	29.1%	8.9%	25.0%	25.3%	26.3%	32.5%	29.0%	30.5%	29.3%	23.0%

Summary Expenditures Tables

TABLE 1
Summary of Capital Improvement Program by Project Section
Proposed FY 2013 – 2022

Expenditures by Funding Source					
Section/Subsection/Project	Total Funding	¹ Non-City Revenue Sources	Net City Costs	² City Share Unallocated Balance	Remaining City Costs
ACPS	\$209,062,130	\$0	\$209,062,130	\$6,359,413	\$202,702,717
Community Development	\$36,203,569	\$17,286,814	\$18,916,755	\$1,219,792	\$17,696,963
Recreation & Parks	\$86,999,799	\$635,000	\$86,364,799	\$7,204,799	\$79,160,000
Public Buildings	\$103,770,000	\$0	\$103,770,000	\$565,000	\$103,205,000
Transit & Transportation	\$564,138,284	\$65,280,808	\$498,857,476	\$17,236,619	\$481,620,857
Sanitary Sewers	\$118,568,485	\$0	\$118,568,485	\$16,202,485	\$102,366,000
Stormwater Management	\$35,764,613	\$0	\$35,764,613	\$6,393,613	\$29,371,000
Other Regional Contributions	\$7,764,597	\$0	\$7,764,597	\$0	\$7,764,597
Information Technology	\$53,659,311	\$0	\$53,659,311	\$3,366,311	\$50,293,000
Inflation or Additional Projects	\$31,723,253	\$0	\$31,723,253	\$0	\$31,723,253
Total Capital Improvement Program	\$1,247,654,041	\$83,202,622	\$1,164,451,419	\$58,548,032	\$1,105,903,387

¹ Non-City Revenue Sources, \$56.9 million is unallocated from prior years and \$28.7 million is planned for the FY 2013-2022 CIP.

² City Share Unallocated Balance as of January 31, 2012.

Summary Expenditures Tables

TABLE 2
Summary of Capital Improvement Program by Project Section - City Share
Proposed FY 2013 - 2022

City Share of Expenditures By Program Year												
CIP Section	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS	\$6,359,413	\$24,070,405	\$41,121,200	\$17,257,287	\$40,257,182	\$12,930,643	\$13,000,000	\$13,500,000	\$13,366,000	\$13,600,000	\$13,600,000	\$202,702,717
Community Development	\$1,219,792	\$3,601,463	\$1,294,000	\$3,035,000	\$510,000	\$1,175,000	\$1,228,500	\$1,299,500	\$3,958,500	\$767,500	\$827,500	\$17,696,963
Recreation & Parks	\$7,204,799	\$4,618,000	\$2,598,000	\$3,483,000	\$9,863,000	\$14,023,000	\$8,823,000	\$12,123,000	\$10,173,000	\$6,673,000	\$6,783,000	\$79,160,000
Public Buildings	\$565,000	\$11,580,000	\$8,340,000	\$17,475,000	\$11,448,000	\$10,370,000	\$13,035,000	\$10,360,000	\$6,660,000	\$9,842,000	\$4,095,000	\$103,205,000
Transit & Transportation	\$17,236,619	\$22,668,000	\$17,178,857	\$304,668,000	\$18,118,000	\$19,138,000	\$22,388,000	\$17,888,000	\$15,898,000	\$20,288,000	\$23,388,000	\$481,620,857
Sanitary Sewers	\$16,202,485	\$7,501,000	\$8,530,000	\$6,435,000	\$5,120,000	\$18,535,000	\$15,190,000	\$1,610,000	\$12,780,000	\$13,110,000	\$13,555,000	\$102,366,000
Stormwater Management	\$6,393,613	\$3,058,000	\$2,123,000	\$2,155,000	\$2,235,000	\$3,525,000	\$3,025,000	\$3,135,000	\$3,245,000	\$3,370,000	\$3,500,000	\$29,371,000
Other Regional Contributions	\$0	\$717,768	\$761,408	\$797,878	\$835,996	\$837,858	\$746,942	\$754,683	\$762,580	\$770,634	\$778,850	\$7,764,597
Information Technology	\$3,366,311	\$15,442,000	\$5,764,000	\$4,759,000	\$3,254,000	\$3,304,000	\$3,554,000	\$3,554,000	\$3,554,000	\$3,554,000	\$3,554,000	\$50,293,000
Inflation or Additional Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,697,317	\$6,364,420	\$9,081,366	\$14,580,150	\$31,723,253
Total Net City Costs	\$58,548,032	\$93,256,636	\$87,710,465	\$360,065,165	\$91,641,178	\$83,838,501	\$80,990,442	\$65,921,500	\$76,761,500	\$81,056,500	\$84,661,500	\$1,105,903,387

TABLE 3
Summary of Capital Improvement Program by Project Section - Non-City Share
Proposed FY 2013 - 2022

Non-City Share of Expenditures By Program Year												
CIP Section	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Community Development	\$17,055,314	\$231,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$231,500
Recreation & Parks	\$500,000	\$135,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135,000
Public Buildings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transit & Transportation	\$36,997,058	\$5,391,250	\$3,846,250	\$3,251,250	\$3,735,000	\$4,350,000	\$3,710,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$28,283,750
Sanitary Sewers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Regional Contributions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Information Technology	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inflation or Additional Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$54,552,372	\$5,757,750	\$3,846,250	\$3,251,250	\$3,735,000	\$4,350,000	\$3,710,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$28,650,250

Summary Expenditures Tables

TABLE 4
Detail of Capital Improvement Program by Project
Proposed FY 2013 - 2022

Expenditures by Funding Source					
Section/Subsection/Project	Total Funding	Non-City Revenue Sources	Net City Costs	¹ City Share Unallocated Balance	Remaining City Costs
ACPS Capacity Projects					
Jefferson-Houston New K-8	\$43,431,438	\$0	\$43,431,438	\$2,320,000	\$41,111,438
Other Capacity Projects	\$3,714,598	\$0	\$3,714,598	\$0	\$3,714,598
Patrick Henry K-8	\$43,032,440	\$0	\$43,032,440	\$0	\$43,032,440
ACPS Facilities Maintenance					
Asset Loss Prevention	\$2,411,982	\$0	\$2,411,982	\$150,625	\$2,261,357
Asset Replacement	\$2,484,760	\$0	\$2,484,760	\$179,000	\$2,305,760
Equipment and Systems Replacement	\$3,524,562	\$0	\$3,524,562	\$0	\$3,524,562
Facilities Maintenance	\$19,281,469	\$0	\$19,281,469	\$1,199,332	\$18,082,137
Instructional Environment	\$2,617,642	\$0	\$2,617,642	\$0	\$2,617,642
Shared Program Priorities	\$1,138,475	\$0	\$1,138,475	\$0	\$1,138,475
EcoCity Projects	\$4,572,885	\$0	\$4,572,885	\$1,080,366	\$3,492,519
ADA Projects	\$1,568,071	\$0	\$1,568,071	\$1,430,090	\$137,981
ACPS To Be Determined					
ACPS Lump Sum Funding (Projects TBD)	\$81,283,808	\$0	\$81,283,808	\$0	\$81,283,808
ACPS Total	\$209,062,130	\$0	\$209,062,130	\$6,359,413	\$202,702,717

¹ City Share Unallocated Balance as of January 31, 2012.

Section/Subsection/Project	Total Funding	¹ Non-City Revenue Sources	Net City Costs	² City Share Unallocated Balance	Remaining City Costs
Community Development					
City-Wide Amenities					
Crime Prevention Projects (Street Lighting)	\$175,000	\$0	\$175,000	\$0	\$175,000
Lighting Fixture & Poles Replacement	\$860,000	\$0	\$860,000	\$110,000	\$750,000
Public Art Acquisition	\$2,750,000	\$0	\$2,750,000	\$0	\$2,750,000
Public Art Conservation Program	\$217,500	\$0	\$217,500	\$30,000	\$187,500
Transportation Sign. & Wayfinding System	\$2,269,000	\$0	\$2,269,000	\$0	\$2,269,000
Neighborhood Planning					
Braddock Road Area Plan Implementation	\$550,000	\$0	\$550,000	\$100,000	\$450,000
King St. Plan Implementation	\$900,000	\$0	\$900,000	\$0	\$900,000
Landmark/Van Dorn Area Plan Impl.	\$10,000	\$0	\$10,000	\$0	\$10,000
Waterfront Small Area Plan Implementation	\$750,000	\$0	\$750,000	\$0	\$750,000

Summary Expenditures Tables

Section/Subsection/Project	Total Funding	¹ Non-City Revenue Sources	Net City Costs	² City Share Unallocated Balance	Remaining City Costs
Waterways Maintenance & Improvements					
City Marina Waterfront Dredging	\$6,200,000	\$0	\$6,200,000	\$0	\$6,200,000
Environmental Restoration	\$1,272,750	\$0	\$1,272,750	\$388,750	\$884,000
Four Mile Run Stream Restoration	\$1,497,005	\$819,500	\$677,505	\$506,042	\$171,463
Oronoco Outfall	\$2,285,000	\$0	\$2,285,000	\$85,000	\$2,200,000
Woodrow Wilson Bridge Project					
Woodrow Wilson Bridge Project	\$16,467,314	\$16,467,314	\$0	\$0	\$0
Community Development Total	\$36,203,569	\$17,286,814	\$18,916,755	\$1,219,792	\$17,696,963

¹ Non-City Revenue Sources, \$17.1 million is unallocated from prior years and \$0.2 million is planned for the FY 2013-2022 CIP.

² City Share Unallocated Balance as of January 31, 2012.

Section/Subsection/Project	Total Funding	¹ Non-City Revenue Sources	Net City Costs	² City Share Unallocated Balance	Remaining City Costs
Recreation & Parks					
Park Maintenance and Improvements					
ADA Requirements	\$373,000	\$0	\$373,000	\$83,000	\$290,000
Athletic Field Restrooms	\$450,000	\$0	\$450,000	\$0	\$450,000
Ball Court Renovations	\$1,650,000	\$0	\$1,650,000	\$150,000	\$1,500,000
Park Renovations CFMP	\$4,086,000	\$0	\$4,086,000	\$231,000	\$3,855,000
Pavement Improvements at Parks	\$2,250,000	\$0	\$2,250,000	\$0	\$2,250,000
Playground Renovations	\$6,250,000	\$0	\$6,250,000	\$0	\$6,250,000
Tree & Shrub Capital Maintenance	\$3,026,000	\$0	\$3,026,000	\$166,000	\$2,860,000
Windmill Hill Park	\$4,784,953	\$0	\$4,784,953	\$784,953	\$4,000,000
Soft Surface Trails	\$660,000	\$0	\$660,000	\$0	\$660,000
Water Management & Irrigation	\$1,280,000	\$0	\$1,280,000	\$0	\$1,280,000
Restaurant Depot Contribution Projects	\$500,000	\$500,000	\$0	\$0	\$0
Athletic Field Improvements (incl. Synthetic Turf)	\$10,000,000	\$0	\$10,000,000	\$0	\$10,000,000
Recreation Facility Maintenance					
City Marina Maintenance	\$955,000	\$0	\$955,000	\$55,000	\$900,000
Public Pools	\$533,000	\$0	\$533,000	\$13,000	\$520,000
Recreation Center CFMP	\$5,120,000	\$0	\$5,120,000	\$0	\$5,120,000
Renovated or New Recreation Facilities					
Chinquapin Aquatics Center	\$6,440,000	\$0	\$6,440,000	\$0	\$6,440,000
City Marina Seawalls	\$1,700,000	\$0	\$1,700,000	\$0	\$1,700,000
City Marina Utility Upgrades	\$1,250,000	\$0	\$1,250,000	\$0	\$1,250,000
City Median Conversions/Renovations	\$800,000	\$0	\$800,000	\$0	\$800,000
Miracle Field	\$420,000	\$135,000	\$285,000	\$0	\$285,000
Patrick Henry Recreation Center	\$6,100,000	\$0	\$6,100,000	\$0	\$6,100,000
Spray Parks	\$3,000,000	\$0	\$3,000,000	\$0	\$3,000,000

Summary Expenditures Tables

Section/Subsection/Project	Total Funding	¹ Non-City	Net City Costs	² City Share	Remaining
		Revenue Sources		Unallocated Balance	
Open Space Acquisition and Development	\$0	\$0	\$0	\$0	\$0
Open Space Acquisition and Develop.	\$25,371,846	\$0	\$25,371,846	\$5,721,846	\$19,650,000
Recreation & Parks Total	\$86,999,799	\$635,000	\$86,364,799	\$7,204,799	\$79,160,000

¹ Non-City Revenue Sources, \$0.5 million is unallocated from prior years and \$0.1 million is planned for the FY 2013-2022 CIP.

² City Share Unallocated Balance as of January 31, 2012.

Section/Subsection/Project	Total Funding	Non-City	Net City Costs	¹ City Share	Remaining
		Revenue Sources		Unallocated Balance	
Public Buildings					
General Government Facilities					
General Services CFMP	\$12,500,000	\$0	\$12,500,000	\$0	\$12,500,000
Energy Management Program	\$5,470,000	\$0	\$5,470,000	\$210,000	\$5,260,000
Emergency Generators	\$2,945,000	\$0	\$2,945,000	\$0	\$2,945,000
Space Management Program	\$950,000	\$0	\$950,000	\$0	\$950,000
City Hall HVAC & Infrastructure Repl.	\$18,000,000	\$0	\$18,000,000	\$0	\$18,000,000
City Hall Security Enhancements	\$175,000	\$0	\$175,000	\$0	\$175,000
Roof Replacement Program	\$840,000	\$0	\$840,000	\$0	\$840,000
Elevator Replacement/Refurbishment	\$1,000,000	\$0	\$1,000,000	\$0	\$1,000,000
Fleet Facility - Lift Replacement	\$585,000	\$0	\$585,000	\$0	\$585,000
Market Square Renovations	\$600,000	\$0	\$600,000	\$0	\$600,000
Libraries	\$0	\$0	\$0	\$0	\$0
Library CFMP	\$1,570,000	\$0	\$1,570,000	\$0	\$1,570,000
Preservation of Historic Facilities					
City Historic Facilities CFMP	\$3,655,000	\$0	\$3,655,000	\$205,000	\$3,450,000
Torpedo Factory Repairs	\$10,000	\$0	\$10,000	\$0	\$10,000
Public Health & Welfare Facilities					
Mental Health Residential Facilities CFMP	\$1,650,000	\$0	\$1,650,000	\$150,000	\$1,500,000
Public Safety Facilities					
Fire Station CFMP	\$4,000,000	\$0	\$4,000,000	\$0	\$4,000,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	\$3,000,000	\$0	\$3,000,000	\$0	\$3,000,000
Burn Building	\$200,000	\$0	\$200,000	\$0	\$200,000
Fire Station 203 (Cameron Mills)	\$6,200,000	\$0	\$6,200,000	\$0	\$6,200,000
Fire Station 207 (Duke Street)	\$9,700,000	\$0	\$9,700,000	\$0	\$9,700,000
Fire Station 206 (Seminary Rd)	\$9,700,000	\$0	\$9,700,000	\$0	\$9,700,000
Fire Station 205 (Cameron Street)	\$9,700,000	\$0	\$9,700,000	\$0	\$9,700,000
Sheriff CFMP	\$4,600,000	\$0	\$4,600,000	\$0	\$4,600,000
EOC/Public Safety Center Reuse	\$3,515,000	\$0	\$3,515,000	\$0	\$3,515,000
Police K-9 Facility Renovation	\$270,000	\$0	\$270,000	\$0	\$270,000
Pistol Range	\$1,435,000	\$0	\$1,435,000	\$0	\$1,435,000
Vola Lawson Animal Shelter	\$300,000	\$0	\$300,000	\$0	\$300,000
Emergency Govt. Relocation Center	\$1,200,000	\$0	\$1,200,000	\$0	\$1,200,000
Public Buildings Total	\$103,770,000	\$0	\$103,770,000	\$565,000	\$103,205,000

¹ City Share Unallocated Balance as of January 31, 2012.

Summary Expenditures Tables

Section/Subsection/Project	Total Funding	¹ Non-City Revenue Sources	Net City Costs	² City Share Unallocated Balance	Remaining City Costs
Transit & Transportation					
Fixed Transportation Equipment					
Fixed Transportation Equipment	\$11,050,000	\$0	\$11,050,000	\$450,000	\$10,600,000
Retrofit Traffic Lights with LED Technology	\$250,000	\$0	\$250,000	\$125,000	\$125,000
Transportation Technologies	\$2,600,000	\$0	\$2,600,000	\$100,000	\$2,500,000
Parking Technologies	\$1,060,000	\$1,060,000	\$0	\$0	\$0
High Capacity Transit Corridors					
Crystal City/Potomac Yard BRT	\$5,685,553	\$5,685,553	\$0	\$0	\$0
Transit Corridor "A" BRT Rolling Stock	\$4,000,000	\$0	\$4,000,000	\$0	\$4,000,000
Transit Corridor "A" Streetcar Conversion	\$4,000,000	\$0	\$4,000,000	\$1,000,000	\$3,000,000
Transit Corridor "A" Widening	\$600,000	\$0	\$600,000	\$600,000	\$0
Transit Corridor "C" Construction	\$19,200,000	\$800,000	\$18,400,000	\$2,100,000	\$16,300,000
Transit Corridor "C" Rolling Stock	\$5,000,000	\$0	\$5,000,000	\$0	\$5,000,000
Transit Corridor "B" Construction	\$700,000	\$0	\$700,000	\$0	\$700,000
Non-Motorized Transportation					
Access to Transit	\$1,838,000	\$1,620,000	\$218,000	\$218,000	\$0
Edsall and South Pickett Pedestrian Imprv.	\$120,000	\$120,000	\$0	\$0	\$0
Wilkes Street Bikeway	\$180,000	\$180,000	\$0	\$0	\$0
BRAC Neighborhood Protection Plan	\$510,000	\$500,000	\$10,000	\$10,000	\$0
Holmes Run Greenway	\$5,334,800	\$1,750,000	\$3,584,800	\$284,800	\$3,300,000
Mt. Vernon Trail @ East Abingdon	\$750,000	\$750,000	\$0	\$0	\$0
Capital Bikeshare	\$1,260,000	\$1,260,000	\$0	\$0	\$0
Non-Motorized Transportation (Complete St)	\$2,993,945	\$0	\$2,993,945	\$448,088	\$2,545,857
Non-Motorized Transportation (Safety)	\$4,220,000	\$0	\$4,220,000	\$420,000	\$3,800,000
Shared-Use Paths	\$1,298,000	\$0	\$1,298,000	\$118,000	\$1,180,000
Bicycle Parking at Major Transit Stops	\$250,000	\$250,000	\$0	\$0	\$0
Braddock Rd. Metro Multimodal Connections	\$1,150,000	\$1,150,000	\$0	\$0	\$0
Old Cameron Run Trail	\$3,500,000	\$0	\$3,500,000	\$0	\$3,500,000
Backlick Run Multi-Use Paths	\$3,200,000	\$0	\$3,200,000	\$0	\$3,200,000
Public Transit					
South Eisenhower Metrorail Station	\$4,742,085	\$4,700,085	\$42,000	\$42,000	\$0
King Street Station Improvements	\$7,300,000	\$3,900,000	\$3,400,000	\$2,200,000	\$1,200,000
Potomac Yard Metrorail Station	\$275,000,000	\$0	\$275,000,000	\$1,200,000	\$273,800,000
WMATA Capital	\$74,550,145	\$0	\$74,550,145	\$900,145	\$73,650,000
ADA Access	\$110,000	\$0	\$110,000	\$10,000	\$100,000
Bus Shelters	\$1,233,750	\$1,199,750	\$34,000	\$34,000	\$0
DASH Bus Fleet Replacements	\$46,287,000	\$18,025,000	\$28,262,000	\$62,000	\$28,200,000
DASH Fleet Expansion	\$9,689,000	\$950,000	\$8,739,000	\$3,939,000	\$4,800,000
Expanded Trolley/Circulator/Transit Service	\$2,800,000	\$0	\$2,800,000	\$0	\$2,800,000
Hybrid Bus / Trolley Battery Packs	\$1,500,000	\$0	\$1,500,000	\$0	\$1,500,000
Landmark Transit Station	\$5,000,000	\$0	\$5,000,000	\$0	\$5,000,000

Summary Expenditures Tables

Section/Subsection/Project	Total Funding	¹ Non-City Revenue Sources	Net City Costs	² City Share Unallocated Balance	Remaining City Costs
Streets & Bridges					
Edsall Road	\$1,460,904	\$460,904	\$1,000,000	\$1,000,000	\$0
King & Beaugard Intersection	\$8,253,262	\$7,872,700	\$380,562	\$380,562	\$0
Eisenhower Avenue Widening	\$6,228,816	\$6,098,816	\$130,000	\$130,000	\$0
King/Quaker Lane/Braddock Rd. Inter.	\$5,848,000	\$448,000	\$5,400,000	\$0	\$5,400,000
Bridge Repairs	\$3,900,000	\$0	\$3,900,000	\$600,000	\$3,300,000
Street/Alley Reconstructions & Extensions	\$4,475,024	\$0	\$4,475,024	\$775,024	\$3,700,000
Miscellaneous Undergrounding	\$950,000	\$0	\$950,000	\$90,000	\$860,000
Mt. Vernon Ave/Russell Road Intersection	\$1,000,000	\$0	\$1,000,000	\$0	\$1,000,000
Madison & Montgomery Reconstruction	\$6,750,000	\$0	\$6,750,000	\$0	\$6,750,000
Street Reconstructions TBD	\$13,000,000	\$6,500,000	\$6,500,000	\$0	\$6,500,000
Duke Street Complete Streets	\$2,310,000	\$0	\$2,310,000	\$0	\$2,310,000
High Street Construction	\$500,000	\$0	\$500,000	\$0	\$500,000
Van Dorn Metro Multimodal Bridge	\$500,000	\$0	\$500,000	\$0	\$500,000
Transit & Transportation Total	\$564,138,284	\$65,280,808	\$498,857,476	\$17,236,619	\$481,620,857

¹ Non-City Revenue Sources, \$37.0 million is unallocated from prior years and \$28.3 million is planned for the FY 2013-2022 CIP.

² City Share Unallocated Balance as of January 31, 2012.

Section/Subsection/Project	Total Funding	Non-City Revenue Sources	Net City Costs	¹ City Share Unallocated Balance	Remaining City Costs
Sanitary Sewers					
Commonwealth Service Chamber	\$370,000	\$0	\$370,000	\$370,000	\$0
Holmes Run Trunk Sewer	\$6,037,000	\$0	\$6,037,000	\$6,037,000	\$0
Sanitary Sewer Capacity Studies	\$149,877	\$0	\$149,877	\$149,877	\$0
Four Mile Run Sanitary Sewer Repair	\$1,630,000	\$0	\$1,630,000	\$130,000	\$1,500,000
Holmes Run Sewershed Infiltration & Inflow	\$24,820,000	\$0	\$24,820,000	\$4,960,000	\$19,860,000
Mitigation of Combined Sewer Overflows	\$5,020,690	\$0	\$5,020,690	\$1,581,690	\$3,439,000
Reconstructions & Exts. of Sanitary Sewers	\$7,790,918	\$0	\$7,790,918	\$2,373,918	\$5,417,000
Sewer Separation Projects	\$6,020,000	\$0	\$6,020,000	\$600,000	\$5,420,000
ASA Wastewater Treatment Plant Expansion	\$35,220,000	\$0	\$35,220,000	\$0	\$35,220,000
Wet Weather Management Facility	\$31,500,000	\$0	\$31,500,000	\$0	\$31,500,000
Sanitary Sewer Master Plan	\$10,000	\$0	\$10,000	\$0	\$10,000
Sanitary Sewers Total	\$118,568,485	\$0	\$118,568,485	\$16,202,485	\$102,366,000

¹ City Share Unallocated Balance as of January 31, 2012.

Summary Expenditures Tables

Section/Subsection/Project	Total Funding	Non-City Revenue Sources	Net City Costs	¹ City Share Unallocated Balance	Remaining City Costs
Stormwater Management					
Taylor Run at Janney's Lane	\$551,250	\$0	\$551,250	\$551,250	\$0
NPDES / MS4 Permit	\$134,000	\$0	\$134,000	\$134,000	\$0
Four Mile Run Channel Maintenance	\$2,210,000	\$0	\$2,210,000	\$600,000	\$1,610,000
Ft. Ward Stormwater	\$585,000	\$0	\$585,000	\$85,000	\$500,000
Storm Sewer Capacity Analysis	\$1,838,500	\$0	\$1,838,500	\$1,088,500	\$750,000
Stream & Channel Maintenance and Rest.	\$9,766,750	\$0	\$9,766,750	\$170,750	\$9,596,000
Miscellaneous Storm Sewer Repairs	\$8,549,113	\$0	\$8,549,113	\$3,314,113	\$5,235,000
Storm/Combined Sewer Assessment and Renovation	\$5,330,000	\$0	\$5,330,000	\$450,000	\$4,880,000
Key Drive Flood Mitigation	\$1,800,000	\$0	\$1,800,000	\$0	\$1,800,000
Braddock Rd. & West St. Storm Sewer	\$5,000,000	\$0	\$5,000,000	\$0	\$5,000,000
Stormwater Management Total	\$35,764,613	\$0	\$35,764,613	\$6,393,613	\$29,371,000

¹ City Share Unallocated Balance as of January 31, 2012.

Section/Subsection/Project	Total Funding	Non-City Revenue Sources	Net City Costs	¹ City Share Unallocated Balance	Remaining City Costs
Other Regional Contributions					
Northern Virginia Community College	\$3,625,790	\$0	\$3,625,790	\$0	\$3,625,790
Northern Virginia Regional Park Authority	\$3,598,620	\$0	\$3,598,620	\$0	\$3,598,620
Peumansend Creek Regional Jail	\$540,187	\$0	\$540,187	\$0	\$540,187
Other Regional Contributions Total	\$7,764,597	\$0	\$7,764,597	\$0	\$7,764,597

¹ City Share Unallocated Balance as of January 31, 2012.

Section/Subsection/Project	Total Funding	Non-City Revenue Sources	Net City Costs	¹ City Share Unallocated Balance	Remaining City Costs
Information Technology Plan					
Document Management Systems					
Document Management & Imaging Infra.	\$80,000	\$0	\$80,000	\$0	\$80,000
Enterprise Services					
Connectivity Initiatives	\$11,525,000	\$0	\$11,525,000	\$985,000	\$10,540,000
IT Enterprise Management System	\$800,000	\$0	\$800,000	\$0	\$800,000
Financial and Human Resource Systems					
Purchasing System Upgrade	\$15,000	\$0	\$15,000	\$15,000	\$0
Handheld Data Collection Devices	\$25,000	\$0	\$25,000	\$0	\$25,000
Business Tax System	\$294,000	\$0	\$294,000	\$34,000	\$260,000
Enterprise Resource Planning System	\$1,350,000	\$0	\$1,350,000	\$0	\$1,350,000
Real Estate Account Receivable System	\$420,000	\$0	\$420,000	\$200,000	\$220,000
Reciprocity Contractor System	\$30,000	\$0	\$30,000	\$0	\$30,000
Personal Property Tax System	\$260,000	\$0	\$260,000	\$0	\$260,000
Finance Payment Kiosk	\$75,000	\$0	\$75,000	\$50,000	\$25,000
Customer Management System	\$5,000	\$0	\$5,000	\$0	\$5,000
Virtual Adjudication	\$30,000	\$0	\$30,000	\$20,000	\$10,000

Summary Expenditures Tables

Section/Subsection/Project	Total Funding	Non-City Revenue Sources	Net City Costs	¹ City Share Unallocated Balance	Remaining City Costs
Geographic Information Systems					
GIS Development	\$940,000	\$0	\$940,000	\$0	\$940,000
Network Services					
Database Infrastructure	\$353,000	\$0	\$353,000	\$73,000	\$280,000
Enterprise Data Storage Infrastructure	\$835,000	\$0	\$835,000	\$0	\$835,000
LAN Development	\$190,000	\$0	\$190,000	\$50,000	\$140,000
LAN/WAN Infrastructure	\$2,475,000	\$0	\$2,475,000	\$625,000	\$1,850,000
Network Server Infrastructure	\$1,050,000	\$0	\$1,050,000	\$0	\$1,050,000
Security	\$805,000	\$0	\$805,000	\$50,000	\$755,000
Upgrade Work Station Operating Systems	\$1,700,000	\$0	\$1,700,000	\$250,000	\$1,450,000
Voice Over IP	\$605,000	\$0	\$605,000	\$130,000	\$475,000
IT Equipment Replacement	\$1,600,000	\$0	\$1,600,000	\$0	\$1,600,000
Fort Ward I-Net Connectivity	\$40,000	\$0	\$40,000	\$0	\$40,000
Library LAN/WAN Infrastructure	\$60,000	\$0	\$60,000	\$0	\$60,000
Library Replacement Equipment	\$34,000	\$0	\$34,000	\$0	\$34,000
Other System Development Projects					
Enterprise Maintenance Mgmt System	\$597,500	\$0	\$597,500	\$135,000	\$462,500
Permit Processing	\$2,205,600	\$0	\$2,205,600	\$140,600	\$2,065,000
Library Wireless Solution	\$42,500	\$0	\$42,500	\$0	\$42,500
RecTrac Database & Financial System	\$295,000	\$0	\$295,000	\$0	\$295,000
DCHS HIPAA Data Security Compliance	\$200,000	\$0	\$200,000	\$0	\$200,000
DCHS Payment System Replacement	\$125,000	\$0	\$125,000	\$0	\$125,000
Public Access Development					
Customer Relationship Management System	\$425,000	\$0	\$425,000	\$75,000	\$350,000
Electronic Government	\$752,340	\$0	\$752,340	\$317,340	\$435,000
Public Safety Systems					
EMS Records Management System	\$21,500	\$0	\$21,500	\$21,500	\$0
Fire Records Management Project	\$85,871	\$0	\$85,871	\$85,871	\$0
Police CAD/RMS Project	\$18,000	\$0	\$18,000	\$18,000	\$0
AJIS Enhancements	\$1,051,000	\$0	\$1,051,000	\$91,000	\$960,000
Computer Aided Dispatch System Replacement	\$10,800,000	\$0	\$10,800,000	\$0	\$10,800,000
Fire Radios	\$1,220,000	\$0	\$1,220,000	\$0	\$1,220,000
Remote Radio Technology	\$24,000	\$0	\$24,000	\$0	\$24,000
Public Safety Radio Replacement	\$200,000	\$0	\$200,000	\$0	\$200,000
Future Information Technology Projects					
IT Lump Sum Funding	\$10,000,000	\$0	\$10,000,000	\$0	\$10,000,000
Information Technology Total	\$53,659,311	\$0	\$53,659,311	\$3,366,311	\$50,293,000

¹ City Share Unallocated Balance as of January 31, 2012.

Section/Subsection/Project	Total Funding	Non-City Revenue Sources	Net City Costs	City Share Unallocated Balance	Remaining City Costs
Inflation or Additional Projects	\$31,723,253	\$0	\$31,723,253	\$0	\$31,723,253
Inflation or Additional Projects Total	\$0	\$0	\$0	\$0	\$0

Summary Expenditures Tables

TABLE 5
Capital Improvement Program – Project Expenditure Summary
Proposed FY 2013 – 2022

Alexandria City Public Schools (ACPS) Subsection/Project	¹ Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS Capacity Projects												
Jefferson-Houston New K-8	\$2,320,000	\$7,130,489	\$32,195,137	\$1,785,812	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,111,438
Other Capacity Projects	0	1,994,475	1,720,123	0	0	0	0	0	0	0	0	3,714,598
Patrick Henry K-8	0	0	2,950,328	7,491,466	31,660,003	930,643	0	0	0	0	0	43,032,440
ACPS Facilities Maintenance												
Asset Loss Prevention	150,625	751,584	558,592	497,392	453,789	0	0	0	0	0	0	2,261,357
Asset Replacement	179,000	500,000	500,000	500,000	805,760	0	0	0	0	0	0	2,305,760
Equipment and Systems Replacement	0	988,743	855,869	764,195	915,755	0	0	0	0	0	0	3,524,562
Facilities Maintenance	1,199,332	11,332,111	1,566,313	3,134,849	2,048,864	0	0	0	0	0	0	18,082,137
Instructional Environment	0	630,375	646,134	662,288	678,845	0	0	0	0	0	0	2,617,642
Shared Program Priorities	0	742,628	128,704	131,922	135,221	0	0	0	0	0	0	1,138,475
EcoCity Projects	1,080,366	0	0	2,289,363	1,203,156	0	0	0	0	0	0	3,492,519
ADA Projects	1,430,090	0	0	0	137,981	0	0	0	0	0	0	137,981
ACPS To Be Determined												
ACPS Lump Sum Funding (Projects TBD)	0	0	0	0	2,217,808	12,000,000	13,000,000	13,500,000	13,366,000	13,600,000	13,600,000	81,283,808
ACPS Total	\$6,359,413	\$24,070,405	\$41,121,200	\$17,257,287	\$40,257,182	\$12,930,643	\$13,000,000	\$13,500,000	\$13,366,000	\$13,600,000	\$13,600,000	\$202,702,717
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$6,359,413	\$24,070,405	\$41,121,200	\$17,257,287	\$40,257,182	\$12,930,643	\$13,000,000	\$13,500,000	\$13,366,000	\$13,600,000	\$13,600,000	\$202,702,717

¹ Unallocated balances do not include transfer made by ACPS Board in January 2012.

Community Development Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
City-Wide Amenities												
Lighting Fixture & Poles Replacement	110,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
Public Art Acquisition	0	50,000	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	2,750,000
Public Art Conservation Program	30,000	15,000	15,000	15,000	15,000	15,000	22,500	22,500	22,500	22,500	22,500	187,500
Transportation Sign. & Wayfinding System	0	295,000	225,000	200,000	0	515,000	361,000	432,000	241,000	0	0	2,269,000
Crime Prevention Projects (Street Lighting)	\$0	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000

Summary Expenditures Tables

Community Development Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Neighborhood Planning												
Waterfront Small Area Plan Implementation	0	750,000	0	0	0	0	0	0	0	0	0	750,000
Braddock Road Area Plan Implementation	100,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
King St. Plan Implementation	0	0	150,000	0	0	250,000	250,000	250,000	0	0	0	900,000
Landmark/Van Dorn Area Plan Impl.	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Waterways Maintenance & Improvements												
Four Mile Run Stream Restoration	1,094,042	402,963	0	0	0	0	0	0	0	0	0	402,963
Oronoco Outfall	85,000	2,200,000	0	0	0	0	0	0	0	0	0	2,200,000
City Marina Waterfront Dredging	0	0	550,000	2,550,000	0	0	0	100,000	3,000,000	0	0	6,200,000
Environmental Restoration	388,750	0	134,000	0	150,000	0	150,000	0	150,000	150,000	150,000	884,000
Woodrow Wilson Bridge Project												
Woodrow Wilson Bridge Project	16,467,314	0	0	0	0	0	0	0	0	0	0	0
Community Development Total	\$18,275,106	\$3,832,963	\$1,294,000	\$3,035,000	\$510,000	\$1,175,000	\$1,228,500	\$1,299,500	\$3,958,500	\$767,500	\$827,500	\$17,928,463
Less Total Non-City Revenue	\$17,055,314	\$231,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$231,500
Total Net City Costs	\$1,219,792	\$3,601,463	\$1,294,000	\$3,035,000	\$510,000	\$1,175,000	\$1,228,500	\$1,299,500	\$3,958,500	\$767,500	\$827,500	\$17,696,963

Recreation & Parks Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Park Maintenance and Improvements												
Restaurant Depot Contribution Projects	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADA Requirements	83,000	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	150,000	75,000	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Park Renovations CFMP	231,000	313,000	338,000	338,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	3,855,000
Playground Renovations	0	300,000	700,000	850,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	6,250,000
Tree & Shrub Capital Maintenance	166,000	226,000	226,000	226,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	2,860,000
Soft Surface Trails	0	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	120,000	660,000
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,280,000
Pavement Improvements at Parks	0	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000
Athletic Field Restrooms	0	0	0	200,000	250,000	0	0	0	0	0	0	450,000
Windmill Hill Park	784,953	0	0	0	300,000	3,700,000	0	0	0	0	0	4,000,000
Athletic Field Improvements (incl. Synthetic Turf)	0	0	0	0	0	2,500,000	2,500,000	2,500,000	2,500,000	0	0	10,000,000
Recreation Facility Maintenance												
City Marina Maintenance	55,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
Public Pools	13,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Center CFMP	0	620,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,120,000

Summary Expenditures Tables

Recreation & Parks Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Renovated or New Recreation Facilities												
Chinquapin Aquatics Center	0	1,440,000	0	0	0	1,000,000	2,000,000	2,000,000	0	0	0	6,440,000
Miracle Field	0	420,000	0	0	0	0	0	0	0	0	0	420,000
Patrick Henry Recreation Center	0	0	0	610,000	5,490,000	0	0	0	0	0	0	6,100,000
City Marina Seawalls	0	0	0	0	200,000	1,500,000	0	0	0	0	0	1,700,000
City Marina Utility Upgrades	0	0	0	0	250,000	1,000,000	0	0	0	0	0	1,250,000
City Median Conversions/Renovations	0	0	0	0	0	400,000	400,000	0	0	0	0	800,000
Spray Parks	0	0	0	0	0	0	0	2,000,000	1,000,000	0	0	3,000,000
Open Space Acquisition and Development												
Open Space Acquisition and Develop.	5,721,846	1,000,000	0	0	800,000	1,500,000	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	19,650,000
Recreation & Parks Total	\$7,704,799	\$4,753,000	\$2,598,000	\$3,483,000	\$9,863,000	\$14,023,000	\$8,823,000	\$12,123,000	\$10,173,000	\$6,673,000	\$6,783,000	\$79,295,000
Less Total Non-City Revenue	\$500,000	\$135,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135,000
Total Net City Costs	\$7,204,799	\$4,618,000	\$2,598,000	\$3,483,000	\$9,863,000	\$14,023,000	\$8,823,000	\$12,123,000	\$10,173,000	\$6,673,000	\$6,783,000	\$79,160,000

Public Buildings Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
General Government Facilities												
General Services CFMP	\$0	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,400,000	\$1,400,000	\$1,400,000	\$1,400,000	\$1,400,000	\$12,500,000
Energy Management Program	210,000	210,000	400,000	450,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,260,000
Emergency Generators	0	645,000	560,000	190,000	143,000	300,000	400,000	25,000	25,000	207,000	450,000	2,945,000
Space Management Program	0	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	950,000
City Hall HVAC & Infrastructure Repl.	0	250,000	2,950,000	8,000,000	6,800,000	0	0	0	0	0	0	18,000,000
City Hall Security Enhancements	0	175,000	0	0	0	0	0	0	0	0	0	175,000
Roof Replacement Program	0	530,000	310,000	0	0	0	0	0	0	0	0	840,000
Elevator Replacement/Refurbishment	0	500,000	0	500,000	0	0	0	0	0	0	0	1,000,000
Fleet Facility - Lift Replacement	0	0	585,000	0	0	0	0	0	0	0	0	585,000
Market Square Renovations	0	0	0	0	200,000	400,000	0	0	0	0	0	600,000
Libraries												
Library CFMP	0	220,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,570,000
Preservation of Historic Facilities												
City Historic Facilities CFMP	205,000	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	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000

Summary Expenditures Tables

Public Buildings Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Safety Facilities												
Fire Station CFMP	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Burn Building	0	0	200,000	0	0	0	0	0	0	0	0	200,000
Fire Station 203 (Cameron Mills)	0	0	600,000	5,600,000	0	0	0	0	0	0	0	6,200,000
Fire Station 207 (Duke Street)	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	0	9,700,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	9,700,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	700,000	3,000,000	6,000,000	0	9,700,000
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
EOC/Public Safety Center Reuse	0	3,515,000	0	0	0	0	0	0	0	0	0	3,515,000
Police K-9 Facility Renovation	0	0	0	0	270,000	0	0	0	0	0	0	270,000
Pistol Range	0	0	0	0	0	1,435,000	0	0	0	0	0	1,435,000
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
Emergency Govt. Relocation Center	0	0	0	0	0	1,200,000	0	0	0	0	0	1,200,000
Public Buildings Total	\$565,000	\$11,580,000	\$8,340,000	\$17,475,000	\$11,448,000	\$10,370,000	\$13,035,000	\$10,360,000	\$6,660,000	\$9,842,000	\$4,095,000	\$103,205,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$565,000	\$11,580,000	\$8,340,000	\$17,475,000	\$11,448,000	\$10,370,000	\$13,035,000	\$10,360,000	\$6,660,000	\$9,842,000	\$4,095,000	\$103,205,000

Transportation & Transit Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Transit												
South Eisenhower Metrorail Station	4,742,085	0	0	0	0	0	0	0	0	0	0	0
King Street Station Improvements	6,100,000	200,000	0	0	0	0	0	0	1,000,000	0	0	1,200,000
Potomac Yard Metrorail Station	1,200,000	1,000,000	1,700,000	271,100,000	0	0	0	0	0	0	0	273,800,000
WMATA Capital	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000
ADA Access	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Bus Shelters	525,000	236,250	236,250	236,250	0	0	0	0	0	0	0	708,750
DASH Bus Fleet Replacements	2,032,000	3,905,000	4,460,000	4,430,000	3,280,000	7,020,000	6,360,000	4,200,000	3,200,000	3,200,000	4,200,000	44,255,000
DASH Fleet Expansion	4,889,000	0	0	2,600,000	0	0	0	2,200,000	0	0	0	4,800,000
Expanded Trolley/Circulator/Transit Service	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
Hybrid Bus / Trolley Battery Packs	0	0	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	1,500,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	2,000,000	3,000,000	5,000,000
Public Transit Total	\$20,398,230	\$11,551,250	\$16,446,250	\$285,756,250	\$11,320,000	\$14,730,000	\$14,170,000	\$14,110,000	\$11,910,000	\$12,910,000	\$14,910,000	\$407,813,750
Less Total Non-City Revenue	\$12,011,085	\$4,141,250	\$3,296,250	\$2,266,250	\$2,080,000	\$2,820,000	\$2,160,000	\$0	\$0	\$0	\$0	\$16,763,750
Total Net City Costs	\$8,387,145	\$7,410,000	\$13,150,000	\$283,490,000	\$9,240,000	\$11,910,000	\$12,010,000	\$14,110,000	\$11,910,000	\$12,910,000	\$14,910,000	\$391,050,000

Summary Expenditures Tables

Transportation & Transit Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
High Capacity Transit Corridors												
Crystal City/Polomac Yard BRT	5,685,553	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "A" BRT Rolling Stock	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
Transit Corridor "A" Streetcar Conversion	1,000,000	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Transit Corridor "A" Widening	600,000	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" Construction	2,100,000	800,000	1,800,000	13,300,000	1,200,000	0	0	0	0	0	0	17,100,000
Transit Corridor "C" Rolling Stock	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
Transit Corridor "B" Construction	0	0	0	0	0	0	0	0	0	0	700,000	700,000
High Capacity Transit Corridors Total	\$9,385,553	\$4,800,000	\$1,800,000	\$18,300,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$3,700,000	\$29,800,000
Less Total Non-City Revenue	\$5,685,553	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Total Net City Costs	\$3,700,000	\$4,000,000	\$1,800,000	\$18,300,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$3,700,000	\$29,000,000

Transportation & Transit Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Non-Motorized Transportation												
Access to Transit	1,838,000	0	0	0	0	0	0	0	0	0	0	0
Edsall and South Pickett Pedestrian Imprv.	120,000	0	0	0	0	0	0	0	0	0	0	0
Wilkes Street Bikeway	180,000	0	0	0	0	0	0	0	0	0	0	0
BRAC Neighborhood Protection Plan	510,000	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	2,034,800	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
Mt. Vernon Trail @ East Abingdon	250,000	50,000	450,000	0	0	0	0	0	0	0	0	500,000
Capital Bikeshare	0	400,000	100,000	110,000	120,000	260,000	270,000	0	0	0	0	1,260,000
Non-Motorized Transportation (Complete St)	448,088	165,000	220,857	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	2,545,857
Non-Motorized Transportation (Safety)	420,000	100,000	100,000	100,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,800,000
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
Bicycle Parking at Major Transit Stops	0	0	0	25,000	225,000	0	0	0	0	0	0	250,000
Braddock Rd. Metro Multimodal Connections	0	0	0	600,000	550,000	0	0	0	0	0	0	1,150,000
Old Cameron Run Trail	0	0	0	500,000	3,000,000	0	0	0	0	0	0	3,500,000
Backlick Run Multi-Use Paths	0	0	0	0	0	200,000	3,000,000	0	0	0	0	3,200,000
Non-Motorized Transportation Total	\$5,918,888	\$4,133,000	\$988,857	\$1,723,000	\$4,783,000	\$1,348,000	\$4,158,000	\$888,000	\$888,000	\$888,000	\$888,000	\$20,685,857
Less Total Non-City Revenue	\$4,420,000	\$450,000	\$550,000	\$735,000	\$895,000	\$260,000	\$270,000	\$0	\$0	\$0	\$0	\$3,160,000
Total Net City Costs	\$1,498,888	\$3,683,000	\$438,857	\$988,000	\$3,888,000	\$1,088,000	\$3,888,000	\$888,000	\$888,000	\$888,000	\$888,000	\$17,525,857

Summary Expenditures Tables

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Streets & Bridges												
Edsall Road	1,460,904	0	0	0	0	0	0	0	0	0	0	0
King & Bearegard 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.	448,000	5,400,000	0	0	0	0	0	0	0	0	0	5,400,000
Bridge Repairs	600,000	600,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
Street/Alley Reconstructions & Extensions	775,024	300,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,700,000
Miscellaneous Undergrounding	90,000	50,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	860,000
Mt. Vernon Ave/Russell Road Intersection	0	0	0	100,000	900,000	0	0	0	0	0	0	1,000,000
Madison & Montgomery Reconstruction	0	0	0	0	500,000	3,250,000	3,000,000	0	0	0	0	6,750,000
Street Reconstructions TBD	0	0	0	0	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	13,000,000
Duke Street Complete Streets	0	0	0	0	0	0	0	0	210,000	2,100,000	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	\$17,856,006	\$6,350,000	\$690,000	\$790,000	\$3,190,000	\$6,040,000	\$5,790,000	\$2,790,000	\$3,000,000	\$4,890,000	\$3,790,000	\$37,320,000
Less Total Non-City Revenue	\$14,880,420	\$0	\$0	\$0	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,500,000
Total Net City Costs	\$2,975,586	\$6,350,000	\$690,000	\$790,000	\$2,690,000	\$5,040,000	\$4,790,000	\$1,790,000	\$2,000,000	\$3,890,000	\$2,790,000	\$30,820,000

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Fixed Transportation Equipment												
Fixed Transportation Equipment	\$450,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$1,450,000	\$850,000	\$850,000	\$2,350,000	\$850,000	\$10,600,000
Retrofit Traffic Lights with LED Technology	125,000	125,000	0	0	0	0	0	0	0	0	0	125,000
Transportation Technologies	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Parking Technologies	0	0	0	250,000	260,000	270,000	280,000	0	0	0	0	1,060,000
Fixed Transportation Equipment Total	\$675,000	\$1,225,000	\$1,100,000	\$1,350,000	\$1,360,000	\$1,370,000	\$1,980,000	\$1,100,000	\$1,100,000	\$2,600,000	\$1,100,000	\$14,285,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$250,000	\$260,000	\$270,000	\$280,000	\$0	\$0	\$0	\$0	\$1,060,000
Total Net City Costs	\$675,000	\$1,225,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,700,000	\$1,100,000	\$1,100,000	\$2,600,000	\$1,100,000	\$13,225,000

Summary Expenditures Tables

Sanitary Sewers Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Sanitary Sewers												
Commonwealth Service Chamber	\$370,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Holmes Run Trunk Sewer	6,037,000	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Capacity Studies	149,877	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Sanitary Sewer Repair	130,000	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Holmes Run Sewershed Infiltration & Inflow	4,960,000	4,360,000	4,200,000	3,600,000	3,850,000	3,850,000	0	0	0	0	0	19,860,000
Mitigation of Combined Sewer Overflows	1,581,690	319,000	335,000	335,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,439,000
Reconstructions & Exts. of Sanitary Sewers	2,373,918	322,000	0	775,000	320,000	435,000	540,000	660,000	760,000	760,000	845,000	5,417,000
Sewer Separation Projects	600,000	500,000	120,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,420,000
ASA Wastewater Treatment Plant Expansion	0	500,000	500,000	0	0	0	0	0	11,070,000	11,400,000	11,750,000	35,220,000
Wet Weather Management Facility	0	0	3,375,000	1,125,000	0	13,300,000	13,700,000	0	0	0	0	31,500,000
Sanitary Sewer Master Plan	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Sanitary Sewers Total	\$16,202,485	\$7,501,000	\$8,530,000	\$6,435,000	\$5,120,000	\$18,535,000	\$15,190,000	\$1,610,000	\$12,780,000	\$13,110,000	\$13,555,000	\$102,366,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$16,202,485	\$7,501,000	\$8,530,000	\$6,435,000	\$5,120,000	\$18,535,000	\$15,190,000	\$1,610,000	\$12,780,000	\$13,110,000	\$13,555,000	\$102,366,000

Stormwater Management Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Stormwater Management												
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	600,000	1,010,000	0	0	0	600,000	0	0	0	0	0	1,610,000
Ft. Ward Stormwater	85,000	500,000	0	0	0	0	0	0	0	0	0	500,000
Storm Sewer Capacity Analysis	1,088,500	350,000	400,000	0	0	0	0	0	0	0	0	750,000
Stream & Channel Maintenance and Rest.	170,750	1,198,000	1,198,000	0	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	9,596,000
Miscellaneous Storm Sewer Repairs	3,314,113	0	525,000	775,000	535,000	825,000	925,000	285,000	395,000	670,000	300,000	5,235,000
Storm/Combined Sewer Assessment and Renov.	450,000	0	0	380,000	900,000	900,000	900,000	900,000	900,000	0	0	4,880,000
Key Drive Flood Mitigation	0	0	0	1,000,000	800,000	0	0	0	0	0	0	1,800,000
Braddock Rd. & West St. Storm Sewer	0	0	0	0	0	0	0	750,000	750,000	1,500,000	2,000,000	5,000,000
Stormwater Management Total	\$6,393,613	\$3,058,000	\$2,123,000	\$2,155,000	\$2,235,000	\$3,525,000	\$3,025,000	\$3,135,000	\$3,245,000	\$3,370,000	\$3,500,000	\$29,371,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$6,393,613	\$3,058,000	\$2,123,000	\$2,155,000	\$2,235,000	\$3,525,000	\$3,025,000	\$3,135,000	\$3,245,000	\$3,370,000	\$3,500,000	\$29,371,000

Summary Expenditures Tables

Other Regional Contributions Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Regional Partnerships												
Northern Virginia Community College	\$0	\$245,513	\$286,081	\$328,278	\$372,049	\$379,490	\$387,080	\$394,821	\$402,718	\$410,772	\$418,988	\$3,625,790
Northern Virginia Regional Park Authority	0	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	3,598,620
Peumansend Creek Regional Jail	0	112,393	115,465	109,738	104,085	98,506	0	0	0	0	0	540,187
Other Regional Contributions Total	\$0	\$717,768	\$761,408	\$797,878	\$835,996	\$837,858	\$746,942	\$754,683	\$762,580	\$770,634	\$778,850	\$7,764,597
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$0	\$717,768	\$761,408	\$797,878	\$835,996	\$837,858	\$746,942	\$754,683	\$762,580	\$770,634	\$778,850	\$7,764,597

Information Technology Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Document Management Systems												
Document Management & Imaging Infra.	\$0	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$80,000
Financial and Human Resource Systems												
Purchasing System Upgrade	15,000	0	0	0	0	0	0	0	0	0	0	0
Handheld Data Collection Devices	0	25,000	0	0	0	0	0	0	0	0	0	25,000
Business Tax System	34,000	25,000	85,000	0	50,000	50,000	50,000	0	0	0	0	260,000
Enterprise Resource Planning System	0	500,000	500,000	75,000	100,000	100,000	75,000	0	0	0	0	1,350,000
Real Estate Account Receivable System	200,000	200,000	0	0	0	20,000	0	0	0	0	0	220,000
Reciprocity Contractor System	0	30,000	0	0	0	0	0	0	0	0	0	30,000
Personal Property Tax System	0	0	0	260,000	0	0	0	0	0	0	0	260,000
Finance Payment Kiosk	50,000	0	0	0	0	25,000	0	0	0	0	0	25,000
Customer Management System	0	0	0	0	0	5,000	0	0	0	0	0	5,000
Virtual Adjudication	20,000	0	0	0	0	0	10,000	0	0	0	0	10,000
Geographic Information Systems												
GIS Development	0	290,000	160,000	130,000	160,000	100,000	100,000	0	0	0	0	940,000
Network Services												
Connectivity Initiatives	985,000	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	73,000	60,000	60,000	40,000	40,000	40,000	40,000	0	0	0	0	280,000
Enterprise Data Storage Infrastructure	0	95,000	90,000	90,000	130,000	130,000	300,000	0	0	0	0	835,000
LAN Development	50,000	15,000	25,000	25,000	25,000	25,000	25,000	0	0	0	0	140,000
LAN/WAN Infrastructure	625,000	300,000	275,000	270,000	280,000	275,000	450,000	0	0	0	0	1,850,000
IT Enterprise Management System	0	200,000	200,000	200,000	0	0	200,000	0	0	0	0	800,000
Network Server Infrastructure	0	175,000	175,000	170,000	180,000	175,000	175,000	0	0	0	0	1,050,000

Summary Expenditures Tables

Information Technology Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Network Services												
Security	50,000	100,000	100,000	100,000	200,000	155,000	100,000	0	0	0	0	755,000
Upgrade Work Station Operating Systems	250,000	450,000	200,000	200,000	200,000	200,000	200,000	0	0	0	0	1,450,000
Voice Over IP	130,000	75,000	75,000	75,000	75,000	100,000	75,000	0	0	0	0	475,000
IT Equipment Replacement	0	600,000	200,000	200,000	200,000	200,000	200,000	0	0	0	0	1,600,000
Fort Ward I-Net Connectivity	0	40,000	0	0	0	0	0	0	0	0	0	40,000
Library LAN/WAN Infrastructure	0	60,000	0	0	0	0	0	0	0	0	0	60,000
Library Replacement Equipment	0	34,000	0	0	0	0	0	0	0	0	0	34,000
Other System Development Projects												
Enterprise Maintenance Mgmt System	135,000	50,000	92,500	60,000	100,000	100,000	60,000	0	0	0	0	462,500
Permit Processing	140,600	65,000	1,000,000	1,000,000	0	0	0	0	0	0	0	2,065,000
Library Wireless Solution	0	20,000	2,500	0	0	20,000	0	0	0	0	0	42,500
RecTrac Database & Financial System	0	50,000	35,000	30,000	30,000	100,000	50,000	0	0	0	0	295,000
DCHS HIPAA Data Security Compliance	0	75,000	25,000	25,000	25,000	25,000	25,000	0	0	0	0	200,000
DCHS Payment System Replacement	0	0	125,000	0	0	0	0	0	0	0	0	125,000
Public Access Development												
Customer Relationship Management System	75,000	50,000	50,000	50,000	75,000	75,000	50,000	0	0	0	0	350,000
Electronic Government	317,340	0	75,000	75,000	100,000	100,000	85,000	0	0	0	0	435,000
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
Police CAD/RMS Project	18,000	0	0	0	0	0	0	0	0	0	0	0
AJIS Enhancements	91,000	160,000	160,000	160,000	160,000	160,000	160,000	0	0	0	0	960,000
Computer Aided Dispatch System Replacement	0	10,200,000	600,000	0	0	0	0	0	0	0	0	10,800,000
Fire Radios	0	420,000	400,000	400,000	0	0	0	0	0	0	0	1,220,000
Remote Radio Technology	0	24,000	0	0	0	0	0	0	0	0	0	24,000
Public Safety Radio Replacement	0	0	0	50,000	50,000	50,000	50,000	0	0	0	0	200,000
Future Information Technology 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	\$3,366,311	\$15,442,000	\$5,764,000	\$4,759,000	\$3,254,000	\$3,304,000	\$3,554,000	\$3,554,000	\$3,554,000	\$3,554,000	\$3,554,000	\$50,293,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$3,366,311	\$15,442,000	\$5,764,000	\$4,759,000	\$3,254,000	\$3,304,000	\$3,554,000	\$3,554,000	\$3,554,000	\$3,554,000	\$3,554,000	\$50,293,000

Summary Expenditures Tables

Inflation or Additional Projects Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Inflation or Additional Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,697,317	\$6,364,420	\$9,081,366	\$14,580,150	\$31,723,253
Inflation or Additional Projects Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,697,317	\$6,364,420	\$9,081,366	\$14,580,150	\$31,723,253
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,697,317	\$6,364,420	\$9,081,366	\$14,580,150	\$31,723,253

Summary Expenditures Tables

TABLE 6
Capital Improvement Program – Project Expenditure Summary by Project Category
Proposed FY 2013 – 2022

Category	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Category 1 (On-Going Maintenance & Repairs)	\$20,329,768	\$36,291,691	\$26,995,719	\$31,377,259	\$28,633,371	\$27,126,000	\$28,078,500	\$24,223,500	\$23,633,500	\$24,690,500	\$24,268,500	\$275,318,540
Category 2 (Major One-Time Repairs or Renovations)	\$22,122,734	\$12,012,963	\$8,885,000	\$15,350,000	\$14,420,000	\$19,135,000	\$7,400,000	\$4,850,000	\$5,750,000	\$3,500,000	\$4,000,000	\$95,302,963
Category 3 (New or Completely Renovated Facilities)	\$50,814,277	\$34,549,964	\$49,150,588	\$311,032,278	\$46,015,003	\$25,785,643	\$31,921,000	\$18,342,000	\$24,331,000	\$26,860,000	\$24,880,000	\$592,867,476
IT Plan	\$3,366,311	\$15,442,000	\$5,764,000	\$4,759,000	\$3,254,000	\$3,304,000	\$3,554,000	\$1,054,000	\$1,054,000	\$1,054,000	\$1,054,000	\$40,293,000
¹ No Category Assigned	\$16,467,314	\$717,768	\$761,408	\$797,878	\$3,053,804	\$12,837,858	\$13,746,942	\$18,452,000	\$22,993,000	\$25,952,000	\$31,459,000	\$130,771,658
Total, All Categories	\$113,100,404	\$99,014,386	\$91,556,715	\$363,316,415	\$95,376,178	\$88,188,501	\$84,700,442	\$66,921,500	\$77,761,500	\$82,056,500	\$85,661,500	\$1,134,553,637

¹ Includes Other Regional Contributions, Woodrow Wilson Bridge Funds, ACPS Lump Sum Funding, IT Plan Lump Sum Funding and Inflation/Additional Projects.

Category 1 - On-Going Maintenance & Repairs Section/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS												
ACPS Facilities Maintenance												
ADA Projects	1,430,090	0	0	0	137,981	0	0	0	0	0	0	137,981
Asset Loss Prevention	150,625	751,584	558,592	497,392	453,789	0	0	0	0	0	0	2,261,357
Asset Replacement	179,000	500,000	500,000	500,000	805,760	0	0	0	0	0	0	2,305,760
EcoCity Projects	1,080,366	0	0	2,289,363	1,203,156	0	0	0	0	0	0	3,492,519
Equipment and Systems Replacement	0	988,743	855,869	764,195	915,755	0	0	0	0	0	0	3,524,562
Facilities Maintenance	1,199,332	11,332,111	1,566,313	3,134,849	2,048,864	0	0	0	0	0	0	18,082,137
Instructional Environment	0	630,375	646,134	662,288	678,845	0	0	0	0	0	0	2,617,642
Shared Program Priorities	0	742,628	128,704	131,922	135,221	0	0	0	0	0	0	1,138,475
Community Development												
City-Wide Amenities												
Lighting Fixture & Poles Replacement	110,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
Public Art Conservation Program	30,000	15,000	15,000	15,000	15,000	15,000	22,500	22,500	22,500	22,500	22,500	187,500
Waterways Maintenance & Improvements												
Environmental Restoration	388,750	0	134,000	0	150,000	0	150,000	0	150,000	150,000	150,000	884,000

Summary Expenditures Tables

Category 1 - On-Going Maintenance & Repairs Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Buildings												
General Government Facilities												
Elevator Replacement/Refurbishment	0	500,000	0	500,000	0	0	0	0	0	0	0	1,000,000
Emergency Generators	0	645,000	560,000	190,000	143,000	300,000	400,000	25,000	25,000	207,000	450,000	2,945,000
Energy Management Program	210,000	210,000	400,000	450,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,260,000
General Services CFMP	0	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	12,500,000
Roof Replacement Program	0	530,000	310,000	0	0	0	0	0	0	0	0	840,000
Space Management Program	0	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	950,000
Libraries												
Library CFMP	0	220,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,570,000
Preservation of Historic Facilities												
City Historic Facilities CFMP	205,000	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	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Public Safety Facilities												
Fire Station CFMP	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
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
Recreation & Parks												
Park Maintenance and Improvements												
ADA Requirements	83,000	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	150,000	75,000	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Park Renovations CFMP	231,000	313,000	338,000	338,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	3,855,000
Pavement Improvements at Parks	0	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000
Playground Renovations	0	300,000	700,000	850,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	6,250,000
Tree & Shrub Capital Maintenance	166,000	226,000	226,000	226,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	2,860,000
Soft Surface Trails	0	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	120,000	660,000
Water Management & Irrigation	0	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	55,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
Public Pools	13,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Center CFMP	0	620,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,120,000

Summary Expenditures Tables

Category 1 - On-Going Maintenance & Repairs Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	T total FY 13-22
Sewers												
Sanitary Sewers												
Mitigation of Combined Sewer Overflows	1,581,690	319,000	335,000	335,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,439,000
Reconstructions & Exts. of Sanitary Sewers	2,373,918	322,000	0	775,000	320,000	435,000	540,000	660,000	760,000	760,000	845,000	5,417,000
Sanitary Sewer Capacity Studies	149,877	0	0	0	0	0	0	0	0	0	0	0
Sewer Separation Projects	600,000	500,000	120,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,420,000
Stormwater Management												
Miscellaneous Storm Sewer Repairs	3,314,113	0	525,000	775,000	535,000	825,000	925,000	285,000	395,000	670,000	300,000	5,235,000
Storm/Combined Sewer Assessment and Renovation	450,000	0	0	380,000	900,000	900,000	900,000	900,000	900,000	0	0	4,880,000
Stream & Channel Maintenance and Rest.	170,750	1,198,000	1,198,000	0	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	9,596,000
Transit & Transportation												
Fixed Transportation Equipment												
Fixed Transportation Equipment	450,000	850,000	850,000	850,000	850,000	850,000	1,450,000	850,000	850,000	2,350,000	850,000	10,600,000
Non-Motorized Transportation												
Non-Motorized Transportation (Complete Streets)	448,088	165,000	220,857	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	2,545,857
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 Access	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Bus Shelters	525,000	236,250	236,250	236,250	0	0	0	0	0	0	0	708,750
DASH Bus Fleet Replacements	2,032,000	3,905,000	4,460,000	4,430,000	3,280,000	7,020,000	6,360,000	4,200,000	3,200,000	3,200,000	4,200,000	44,255,000
Hybrid Bus / Trolley Battery Packs	0	0	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	1,500,000
WMATA Capital	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000
Streets & Bridges												
Bridge Repairs	600,000	600,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
Street/Alley Reconstructions & Extensions	775,024	300,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,700,000
Total Category 1 CIP Projects	20,329,768	36,291,691	26,995,719	31,377,259	28,633,371	27,126,000	28,078,500	24,223,500	23,633,500	24,690,500	24,268,500	275,318,540
Category 2 - Major One-Time Renovations & Repairs to Existing Facilities												
Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	T total FY 13-22
Community Development												
Waterways Maintenance & Improvements												
City Marina Waterfront Dredging	0	0	550,000	2,550,000	0	0	0	100,000	3,000,000	0	0	6,200,000
Four Mile Run Stream Restoration	1,094,042	402,963	0	0	0	0	0	0	0	0	0	402,963
Oronoco Outfall	85,000	2,200,000	0	0	0	0	0	0	0	0	0	2,200,000

Summary Expenditures Tables

Category 2 - Major One-Time Renovations & Repairs to Existing Facilities Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Buildings												
General Government Facilities												
City Hall HVAC & Infrastructure Repl.	0	250,000	2,950,000	8,000,000	6,800,000	0	0	0	0	0	0	18,000,000
Fleet Facility - Lift Replacement	0	0	585,000	0	0	0	0	0	0	0	0	585,000
Market Square Renovations	0	0	0	0	200,000	400,000	0	0	0	0	0	600,000
Public Safety Facilities												
Burn Building	0	0	200,000	0	0	0	0	0	0	0	0	200,000
Pistol Range	0	0	0	0	0	1,435,000	0	0	0	0	0	1,435,000
Police K-9 Facility Renovation	0	0	0	0	270,000	0	0	0	0	0	0	270,000
Recreation & Parks												
Park Maintenance and Improvements												
Athletic Field Restrooms	0	0	0	200,000	250,000	0	0	0	0	0	0	450,000
Windmill Hill Park	784,953	0	0	0	300,000	3,700,000	0	0	0	0	0	4,000,000
Renovated or New Recreation Facilities												
Chinquapin Aquatics Center	0	1,440,000	0	0	0	1,000,000	2,000,000	2,000,000	0	0	0	6,440,000
City Marina Seawalls	0	0	0	0	200,000	1,500,000	0	0	0	0	0	1,700,000
City Marina Utility Upgrades	0	0	0	0	250,000	1,000,000	0	0	0	0	0	1,250,000
City Median Conversions/Renovations	0	0	0	0	0	400,000	400,000	0	0	0	0	800,000
Sewers												
Sanitary Sewers												
Commonwealth Service Chamber	370,000	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Sanitary Sewer Repair	130,000	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Holmes Run Sewershed Infiltration & Inflow	4,960,000	4,360,000	4,200,000	3,600,000	3,850,000	3,850,000	0	0	0	0	0	19,860,000
Holmes Run Trunk Sewer	6,037,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management												
Braddock Rd. & West St. Storm Sewer	0	0	0	0	0	0	0	750,000	750,000	1,500,000	2,000,000	5,000,000
Four Mile Run Channel Maintenance	600,000	1,010,000	0	0	0	600,000	0	0	0	0	0	1,610,000
Ft. Ward Stormwater	85,000	500,000	0	0	0	0	0	0	0	0	0	500,000
Key Drive Flood Mitigation	0	0	0	1,000,000	800,000	0	0	0	0	0	0	1,800,000
NPDES / MS4 Permit	134,000	0	0	0	0	0	0	0	0	0	0	0
Storm Sewer Capacity Analysis	1,088,500	350,000	400,000	0	0	0	0	0	0	0	0	750,000
Taylor Run at Janney's Lane	551,250	0	0	0	0	0	0	0	0	0	0	0

Summary Expenditures Tables

Category 2 - Major One-Time Renovations & Repairs to Existing Facilities Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Transit & Transportation												
Public Transit												
South Eisenhower Metrorail Station	4,742,085	0	0	0	0	0	0	0	0	0	0	0
Streets & Bridges												
Edsall Road	1,460,904	0	0	0	0	0	0	0	0	0	0	0
Madison & Montgomery Reconstruction	0	0	0	0	500,000	3,250,000	3,000,000	0	0	0	0	6,750,000
Street Reconstructions TBD	0	0	0	0	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	13,000,000
Total Category 2 CIP Projects	22,122,734	12,012,963	8,885,000	15,350,000	14,420,000	19,135,000	7,400,000	4,850,000	5,750,000	3,500,000	4,000,000	95,302,963

Category 3 - New or Completely Renovated Facilities Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS												
ACPS Capacity Projects												
Jefferson-Houston New K-8	2,320,000	7,130,489	32,195,137	1,785,812	0	0	0	0	0	0	0	41,111,438
Other Capacity Projects	0	1,994,475	1,720,123	0	0	0	0	0	0	0	0	3,714,598
Patrick Henry K-8	0	0	2,950,328	7,491,466	31,660,003	930,643	0	0	0	0	0	43,032,440
Community Development												
City-Wide Amenities												
Crime Prevention Projects (Street Lighting)	0	0	0	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	175,000
Public Art Acquisition	0	50,000	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	2,750,000
Transportation Sign. & Wayfinding System	0	295,000	225,000	200,000	0	515,000	361,000	432,000	241,000	0	0	2,269,000
Neighborhood Planning												
Braddock Road Area Plan Implementation	100,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
King St. Plan Implementation	0	0	150,000	0	0	250,000	250,000	250,000	0	0	0	900,000
Landmark/Van Dorn Area Plan Impl.	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Waterfront Small Area Plan Implementation	0	750,000	0	0	0	0	0	0	0	0	0	750,000
Public Buildings												
General Government Facilities												
City Hall Security Enhancements	0	175,000	0	0	0	0	0	0	0	0	0	175,000

Summary Expenditures Tables

Category 3 - New or Completely Renovated Facilities Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Safety Facilities												
Emergency Govt. Relocation Center	0	0	0	0	0	1,200,000	0	0	0	0	0	1,200,000
Fire Station 203 (Cameron Mills)	0	0	600,000	5,600,000	0	0	0	0	0	0	0	6,200,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	700,000	3,000,000	6,000,000	0	9,700,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	9,700,000
Fire Station 207 (Duke Street)	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	0	9,700,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
EOC/Public Safety Center Reuse	0	3,515,000	0	0	0	0	0	0	0	0	0	3,515,000
Recreation & Parks												
Open Space Acquisition and Development												
Open Space Acquisition and Develop.	5,721,846	1,000,000	0	0	800,000	1,500,000	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	19,650,000
Park Maintenance and Improvements												
Restaurant Depot Contribution Projects	500,000	0	0	0	0	0	0	0	0	0	0	0
Athletic Field Improvements (incl. Synthetic Turf)	0	0	0	0	0	2,500,000	2,500,000	2,500,000	2,500,000	0	0	10,000,000
Renovated or New Recreation Facilities												
Miracle Field	0	420,000	0	0	0	0	0	0	0	0	0	420,000
Patrick Henry Recreation Center	0	0	0	610,000	5,490,000	0	0	0	0	0	0	6,100,000
Spray Parks	0	0	0	0	0	0	0	2,000,000	1,000,000	0	0	3,000,000
Sewers												
Sanitary Sewers												
Sanitary Sewer Master Plan	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Wet Weather Management Facility	0	0	3,375,000	1,125,000	0	13,300,000	13,700,000	0	0	0	0	31,500,000
ASA Wastewater Treatment Plant Expansion	0	500,000	500,000	0	0	0	0	0	11,070,000	11,400,000	11,750,000	35,220,000
Transit & Transportation												
Fixed Transportation Equipment												
Parking Technologies	0	0	0	250,000	260,000	270,000	280,000	0	0	0	0	1,060,000
Retrofit Traffic Lights with LED Technology	125,000	125,000	0	0	0	0	0	0	0	0	0	125,000
Transportation Technologies	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
High Capacity Transit Corridors												
Crystal City/Potomac Yard BRT	5,685,553	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "A" BRT Rolling Stock	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
Transit Corridor "A" Streetcar Conversion	1,000,000	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Transit Corridor "A" Widening	600,000	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "B" Construction	0	0	0	0	0	0	0	0	0	0	700,000	700,000
Transit Corridor "C" Construction	2,100,000	800,000	1,800,000	13,300,000	1,200,000	0	0	0	0	0	0	17,100,000
Transit Corridor "C" Rolling Stock	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000

Summary Expenditures Tables

Category 3 - New or Completely Renovated Facilities Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Non-Motorized Transportation												
Access to Transit	1,838,000	0	0	0	0	0	0	0	0	0	0	0
Edsall and South Pickett Pedestrian Improvements	120,000	0	0	0	0	0	0	0	0	0	0	0
Wilkes Street Bikeway	180,000	0	0	0	0	0	0	0	0	0	0	0
Backlick Run Multi-Use Paths	0	0	0	0	0	200,000	3,000,000	0	0	0	0	3,200,000
Bicycle Parking at Major Transit Stops	0	0	0	25,000	225,000	0	0	0	0	0	0	250,000
BRAC Neighborhood Protection Plan	510,000	0	0	0	0	0	0	0	0	0	0	0
Braddock Rd. Metro Multimodal Connections	0	0	0	600,000	550,000	0	0	0	0	0	0	1,150,000
Capital Bikeshare	0	400,000	100,000	110,000	120,000	260,000	270,000	0	0	0	0	1,260,000
Holmes Run Greenway/Eisenhower East	2,034,800	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
Mt. Vernon Multi-Use Trail	250,000	50,000	450,000	0	0	0	0	0	0	0	0	500,000
Non-Motorized Transportation (Safety)	420,000	100,000	100,000	100,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,800,000
Old Cameron Run Trail	0	0	0	500,000	3,000,000	0	0	0	0	0	0	3,500,000
Public Transit												
DASH Fleet Expansion	4,889,000	0	0	2,600,000	0	0	0	2,200,000	0	0	0	4,800,000
Expanded Trolley/Circulator/Transit Service	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
King Street Station Improvements	6,100,000	200,000	0	0	0	0	0	0	1,000,000	0	0	1,200,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	2,000,000	3,000,000	5,000,000
Potomac Yard Metrorail Station	1,200,000	1,000,000	1,700,000	271,100,000	0	0	0	0	0	0	0	273,800,000
Streets & Bridges												
Duke Street Complete Streets	0	0	0	0	0	0	0	0	210,000	2,100,000	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.	448,000	5,400,000	0	0	0	0	0	0	0	0	0	5,400,000
Miscellaneous Undergrounding	90,000	50,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	860,000
Mt. Vernon Ave/Russell Road Intersection	0	0	0	100,000	900,000	0	0	0	0	0	0	1,000,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Total Category 3 CIP Projects	50,814,277	34,549,964	49,150,588	311,032,278	46,015,003	25,785,643	31,921,000	18,342,000	24,331,000	26,860,000	24,880,000	592,867,476

Summary Expenditures Tables

Information Technology Plan Section/Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Information Technology												
Document Management Systems												
Document Management & Imaging Infra.	0	0	0	20,000	20,000	20,000	20,000	0	0	0	0	80,000
Enterprise Services												
Connectivity Initiatives	985,000	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
IT Enterprise Management System	0	200,000	200,000	200,000	0	0	200,000	0	0	0	0	800,000
Financial and Human Resource Systems												
Business Tax System	34,000	25,000	85,000	0	50,000	50,000	50,000	0	0	0	0	260,000
Customer Management System	0	0	0	0	0	5,000	0	0	0	0	0	5,000
Enterprise Resource Planning System	0	500,000	500,000	75,000	100,000	100,000	75,000	0	0	0	0	1,350,000
Finance Payment Kiosk	50,000	0	0	0	0	25,000	0	0	0	0	0	25,000
Personal Property Tax System	0	0	0	260,000	0	0	0	0	0	0	0	260,000
Purchasing System Upgrade	15,000	0	0	0	0	0	0	0	0	0	0	0
Real Estate Account Receivable System	200,000	200,000	0	0	0	20,000	0	0	0	0	0	220,000
Reciprocity Contractor System	0	30,000	0	0	0	0	0	0	0	0	0	30,000
Virtual Adjudication	20,000	0	0	0	0	0	10,000	0	0	0	0	10,000
Handheld Data Collection Devices	0	25,000	0	0	0	0	0	0	0	0	0	25,000
Geographic Information Systems												
GIS Development	0	290,000	160,000	130,000	160,000	100,000	100,000	0	0	0	0	940,000
Network Services												
Database Infrastructure	73,000	60,000	60,000	40,000	40,000	40,000	40,000	0	0	0	0	280,000
Enterprise Data Storage Infrastructure	0	95,000	90,000	90,000	130,000	130,000	300,000	0	0	0	0	835,000
LAN Development	50,000	15,000	25,000	25,000	25,000	25,000	25,000	0	0	0	0	140,000
LAN/WAN Infrastructure	625,000	300,000	275,000	270,000	280,000	275,000	450,000	0	0	0	0	1,850,000
Network Server Infrastructure	0	175,000	175,000	170,000	180,000	175,000	175,000	0	0	0	0	1,050,000
Security	50,000	100,000	100,000	100,000	200,000	155,000	100,000	0	0	0	0	755,000
Upgrade Work Station Operating Systems	250,000	450,000	200,000	200,000	200,000	200,000	200,000	0	0	0	0	1,450,000
Voice Over IP	130,000	75,000	75,000	75,000	75,000	100,000	75,000	0	0	0	0	475,000
IT Equipment Replacement	0	600,000	200,000	200,000	200,000	200,000	200,000	0	0	0	0	1,600,000
Fort Ward I-Net Connectivity	0	40,000	0	0	0	0	0	0	0	0	0	40,000
Library LAN/WAN Infrastructure	0	60,000	0	0	0	0	0	0	0	0	0	60,000
Library Replacement Equipment	0	34,000	0	0	0	0	0	0	0	0	0	34,000

Summary Expenditures Tables

Information Technology Plan Section/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Other System Development Projects												
Enterprise Maintenance Mgmt System	135,000	50,000	92,500	60,000	100,000	100,000	60,000	0	0	0	0	462,500
Permit Processing	140,600	65,000	1,000,000	1,000,000	0	0	0	0	0	0	0	2,065,000
Library Wireless Solution	0	20,000	2,500	0	0	20,000	0	0	0	0	0	42,500
RecTrac Database & Financial System	0	50,000	35,000	30,000	30,000	100,000	50,000	0	0	0	0	295,000
DCHS HIPAA Data Security Compliance	0	75,000	25,000	25,000	25,000	25,000	25,000	0	0	0	0	200,000
DCHS Payment System Replacement	0	0	125,000	0	0	0	0	0	0	0	0	125,000
Public Access Development												
Customer Relationship Management System	75,000	50,000	50,000	50,000	75,000	75,000	50,000	0	0	0	0	350,000
Electronic Government	317,340	0	75,000	75,000	100,000	100,000	85,000	0	0	0	0	435,000
Public Safety Systems												
AJIS Enhancements	91,000	160,000	160,000	160,000	160,000	160,000	160,000	0	0	0	0	960,000
Computer Aided Dispatch System Replacement	0	10,200,000	600,000	0	0	0	0	0	0	0	0	10,800,000
EMS Records Management System	21,500	0	0	0	0	0	0	0	0	0	0	0
Fire Radios	0	420,000	400,000	400,000	0	0	0	0	0	0	0	1,220,000
Fire Records Management Project	85,871	0	0	0	0	0	0	0	0	0	0	0
Police CAD/RMS Project	18,000	0	0	0	0	0	0	0	0	0	0	0
Public Safety Radio Replacement	0	0	0	50,000	50,000	50,000	50,000	0	0	0	0	200,000
Remote Radio Technology	0	24,000	0	0	0	0	0	0	0	0	0	24,000
Total Information Technology Plan CIP Projects	3,366,311	15,442,000	5,764,000	4,759,000	3,254,000	3,304,000	3,554,000	1,054,000	1,054,000	1,054,000	1,054,000	40,293,000

No Category Assigned Section/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS												
ACPS Lump Sum Funding (Projects TBD)	0	0	0	0	2,217,808	12,000,000	13,000,000	13,500,000	13,366,000	13,600,000	13,600,000	81,283,808
Community Development												
Woodrow Wilson Bridge Project	16,467,314	0	0	0	0	0	0	0	0	0	0	0
Inflation or Additional Projects												
Inflation or Additional Projects	0	0	0	0	0	0	0	1,697,317	6,364,420	9,081,366	14,580,150	31,723,253
Information Technology												
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
Other Regional Contributions												
Northern Virginia Community College	0	245,513	286,081	328,278	372,049	379,490	387,080	394,821	402,718	410,772	418,988	3,625,790
Northern Virginia Regional Park Authority	0	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	3,598,620
Peumansend Regional Jail	0	112,393	115,465	109,738	104,085	98,506	0	0	0	0	0	540,187
Total No Category Assigned CIP Projects	16,467,314	717,768	761,408	797,878	3,053,804	12,837,858	13,746,942	18,452,000	22,993,000	25,952,000	31,459,000	130,771,658

Summary Expenditures Tables

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SUMMARY FUNDING TABLES

Summary Funding Tables

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Summary Funding Tables

Total Sources and Uses of Capital Improvement Program Funds Proposed FY 2013 - 2022 CIP											
ALL SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
General Fund Planned Appropriations (Cash Capital)	\$ 6,605,483	\$ 9,792,470	\$ 14,794,728	\$ 13,725,741	\$ 12,938,064	\$ 12,581,442	\$ 13,272,500	\$ 14,772,500	\$ 14,772,500	\$ 14,772,500	\$ 128,027,928
General Fund Balance	\$ 13,245,716	\$ 2,164,558	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,410,274
General Obligation Bonds (General CIP)	\$ 46,640,000	\$ 56,980,000	\$ 42,160,000	\$ 63,440,000	\$ 47,720,000	\$ 45,790,000	\$ 44,200,000	\$ 43,150,000	\$ 44,000,000	\$ 43,430,000	\$ 477,510,000
Bond Interest Earnings	\$ 250,000	\$ 300,000	\$ 400,000	\$ 500,000	\$ 600,000	\$ 700,000	\$ 800,000	\$ 900,000	\$ 1,000,000	\$ 1,000,000	\$ 6,450,000
Sale of Property Revenue	\$ 1,546,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,546,000
Other Base City Sources	\$ 216,437	\$ 216,437	\$ 216,437	\$ 216,437	\$ 216,437	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,082,185
Subtotal Unrestricted City Sources	\$ 68,503,636	\$ 69,453,465	\$ 57,571,165	\$ 77,882,178	\$ 61,474,501	\$ 59,071,442	\$ 58,272,500	\$ 58,822,500	\$ 59,772,500	\$ 59,202,500	\$ 630,026,387
Sanitary Sewer G.O. Bonds	\$ 4,850,000	\$ 6,905,000	\$ 4,875,000	\$ 3,850,000	\$ 17,150,000	\$ 13,700,000	\$ -	\$ 11,070,000	\$ 11,400,000	\$ 11,750,000	\$ 85,550,000
Sanitary Sewer Fees	\$ 2,651,000	\$ 1,625,000	\$ 1,560,000	\$ 1,270,000	\$ 1,385,000	\$ 1,490,000	\$ 1,610,000	\$ 1,710,000	\$ 1,710,000	\$ 1,805,000	\$ 16,816,000
Stormwater Management GO Bonds	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000
Stormwater Management Dedicated Tax	\$ 1,048,000	\$ 1,123,000	\$ 1,155,000	\$ 1,235,000	\$ 1,325,000	\$ 1,425,000	\$ 1,535,000	\$ 1,645,000	\$ 1,770,000	\$ 1,900,000	\$ 14,161,000
Transportation Imprv. Program GO Bonds	\$ 6,725,000	\$ -	\$ 17,760,000	\$ 3,275,000	\$ -	\$ 1,970,000	\$ -	\$ -	\$ 640,000	\$ 4,350,000	\$ 34,720,000
Transportation Imprv. Program Dedicated Tax (for CIP)	\$ 5,515,956	\$ 3,940,956	\$ 2,998,119	\$ 1,123,466	\$ -	\$ -	\$ 340,956	\$ -	\$ 1,600,956	\$ 1,490,956	\$ 17,011,365
Transportation Imprv. Program General Fund Transfer	\$ 909,044	\$ 909,044	\$ 991,881	\$ 951,534	\$ 450,000	\$ 1,280,000	\$ 2,109,044	\$ 1,460,000	\$ 2,109,044	\$ 2,109,044	\$ 13,278,635
Potomac Yard Metrorail GO Bonds	\$ -	\$ -	\$ 265,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 265,300,000
Potomac Yard Dev. Contributions & Dedicated Tax	\$ 1,000,000	\$ 1,700,000	\$ 5,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,500,000
IT S Comcast Revenue	\$ 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
Subtotal Restricted City Sources	\$ 24,753,000	\$ 18,257,000	\$ 302,494,000	\$ 13,759,000	\$ 22,364,000	\$ 21,919,000	\$ 7,649,000	\$ 17,939,000	\$ 21,284,000	\$ 25,459,000	\$ 475,877,000
State Urban Funds/CMAQ & RSTP	\$ 4,355,000	\$ 3,610,000	\$ 3,015,000	\$ 3,235,000	\$ 3,350,000	\$ 2,710,000	\$ -	\$ -	\$ -	\$ -	\$ 20,275,000
VDOT Revenue Sharing Funds	\$ -	\$ -	\$ -	\$ 500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,500,000
Federal Earmarks & Grants	\$ 1,267,750	\$ 236,250	\$ 236,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,740,250
Other Non-City Sources	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
Subtotal Non-City Sources	\$ 5,757,750	\$ 3,846,250	\$ 3,251,250	\$ 3,735,000	\$ 4,350,000	\$ 3,710,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 28,650,250
TOTAL ALL SOURCES	\$ 99,014,386	\$ 91,556,715	\$ 363,316,415	\$ 95,376,178	\$ 88,188,501	\$ 84,700,442	\$ 66,921,500	\$ 77,761,500	\$ 82,056,500	\$ 85,661,500	\$ 1,134,553,637

Summary Funding Tables

Total Sources and Uses of Capital Improvement Program Funds Proposed FY 2013 - 2022 CIP

ALL USES	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>TOTAL</u>
Schools	\$ 24,070,405	\$ 41,121,200	\$ 17,257,287	\$ 40,257,182	\$ 12,930,643	\$ 13,000,000	\$ 13,500,000	\$ 13,366,000	\$ 13,600,000	\$ 13,600,000	\$ 202,702,717
Community Development	\$ 3,832,963	\$ 1,294,000	\$ 3,035,000	\$ 510,000	\$ 1,175,000	\$ 1,228,500	\$ 1,299,500	\$ 3,958,500	\$ 767,500	\$ 827,500	\$ 17,928,463
Recreation & Parks	\$ 4,753,000	\$ 2,598,000	\$ 3,483,000	\$ 9,863,000	\$ 14,023,000	\$ 8,823,000	\$ 12,123,000	\$ 10,173,000	\$ 6,673,000	\$ 6,783,000	\$ 79,295,000
Public Buildings	\$ 11,580,000	\$ 8,340,000	\$ 17,475,000	\$ 11,448,000	\$ 10,370,000	\$ 13,035,000	\$ 10,360,000	\$ 6,660,000	\$ 9,842,000	\$ 4,095,000	\$ 103,205,000
Transit & Transportation	\$ 28,059,250	\$ 21,025,107	\$ 307,919,250	\$ 21,853,000	\$ 23,488,000	\$ 26,098,000	\$ 18,888,000	\$ 16,898,000	\$ 21,288,000	\$ 24,388,000	\$ 509,904,607
Sanitary Sewers	\$ 7,501,000	\$ 8,530,000	\$ 6,435,000	\$ 5,120,000	\$ 18,535,000	\$ 15,190,000	\$ 1,610,000	\$ 12,780,000	\$ 13,110,000	\$ 13,555,000	\$ 102,366,000
Stormwater Management	\$ 3,058,000	\$ 2,123,000	\$ 2,155,000	\$ 2,235,000	\$ 3,525,000	\$ 3,025,000	\$ 3,135,000	\$ 3,245,000	\$ 3,370,000	\$ 3,500,000	\$ 29,371,000
Information Technology	\$ 15,442,000	\$ 5,764,000	\$ 4,759,000	\$ 3,254,000	\$ 3,304,000	\$ 3,554,000	\$ 3,554,000	\$ 3,554,000	\$ 3,554,000	\$ 3,554,000	\$ 50,293,000
Other Regional Contributions	\$ 717,768	\$ 761,408	\$ 797,878	\$ 835,996	\$ 837,858	\$ 746,942	\$ 754,683	\$ 762,580	\$ 770,634	\$ 778,850	\$ 7,764,597
Additional Projects/Revenue Reconciliation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,697,317	\$ 6,364,420	\$ 9,081,366	\$ 14,580,150	\$ 31,723,253
TOTAL ALL USES	\$ 99,014,386	\$ 91,556,715	\$ 363,316,415	\$ 95,376,178	\$ 88,188,501	\$ 84,700,442	\$ 66,921,500	\$ 77,761,500	\$ 82,056,500	\$ 85,661,500	\$ 1,134,553,637
% FROM BONDS	59.8%	70.9%	91.1%	75.0%	74.7%	73.7%	67.5%	71.0%	69.5%	70.7%	77.0%
% FROM CITY AND OTHER CASH SOURCES	40.2%	29.1%	8.9%	25.0%	25.3%	26.3%	32.5%	29.0%	30.5%	29.3%	23.0%

Summary Funding Tables

TABLE 1
CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS
For the Ten Fiscal Years Ending June 30, 2022

CITY FUNDED SOURCES:		Projected Debt Service	Total General Fund
Planned Future General Fund Appropriations to Capital Projects Fund, FY 2013-2022			
FY 2013	\$13,030,483	\$48,632,002	\$61,662,485
FY 2014	\$14,642,470	\$56,052,472	\$70,694,942
FY 2015	\$18,784,728	\$62,475,616	\$81,260,344
FY 2016	\$15,800,741	\$67,787,484	\$83,588,225
FY 2017	\$13,388,064	\$84,665,780	\$98,053,844
FY 2018	\$13,861,442	\$88,521,706	\$102,383,148
FY 2019	\$15,722,500	\$91,612,390	\$107,334,890
FY 2020	\$16,232,500	\$94,394,343	\$110,626,843
FY 2021	\$18,482,500	\$97,039,050	\$115,521,550
FY 2022	\$18,372,500	\$95,641,622	\$114,014,122
Total Planned Future Appropriations	\$158,317,928	\$786,822,465	\$945,140,393
Planned General Obligation Bond Issues:			
FY 2013	\$59,215,000		
FY 2014	\$64,885,000		
FY 2015	\$331,095,000		
FY 2016	\$71,565,000		
FY 2017	\$65,870,000		
FY 2018	\$62,460,000		
FY 2019	\$45,200,000		
FY 2020	\$55,220,000		
FY 2021	\$57,040,000		
FY 2022	\$60,530,000		
Total General Obligation Bond Issues	\$873,080,000		
Planned Other City Sources			
Bond Interest Earnings (Current Year)	\$6,450,000		
General Fund Balances (Prior Years)	\$15,410,274		
Sale of Property Revenue	\$1,546,000		
Sanitary Sewer Fees	\$16,816,000		
Stormwater Management Dedicated Tax	\$14,161,000		
Potomac Yard Metro Special Revenues	\$8,500,000		
Comcast Revenues	\$10,540,000		
Other CIP Cash Revenue	\$1,082,185		
Total Planned Other City Sources		\$74,505,459	
TOTAL CITY SOURCES (FY 2013 - FY 2022)	\$1,105,903,387		

Summary Funding Tables

TABLE 1 (continued)
CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS
For the Ten Fiscal Years Ending June 30, 2022

CITY FUNDED USES:

Approved Capital Budgets through FY 2011:

Prior Year Approved Projects	\$26,006,609	
FY 2011 Approved Capital Budget	<u>\$100,676,926</u>	
Total Approved Capital Budgets		\$126,683,535

Proposed FY 2013 - 2022 City Funded CIP

FY 2013 Proposed Capital Budget	\$93,256,636
FY 2014 Proposed Capital Budget	\$87,710,465
FY 2015 Proposed Capital Budget	\$360,065,165
FY 2016 Proposed Capital Budget	\$91,641,178
FY 2017 Proposed Capital Budget	\$83,838,501
FY 2018 Proposed Capital Budget	\$80,990,442
FY 2019 Proposed Capital Budget	\$65,921,500
FY 2020 Proposed Capital Budget	\$76,761,500
FY 2021 Proposed Capital Budget	\$81,056,500
FY 2022 Proposed Capital Budget	\$84,661,500

TOTAL CITY FUNDED USES	\$1,105,903,387
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Summary Funding Tables

**Table 2
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	456,645,000	768,038,908	33,782,698	11,275,601
FY 2013	48,632,002	497,455,000	803,724,402	34,963,777	11,963,413
FY 2014	56,052,472	532,590,250	817,795,998	36,586,259	12,693,181
FY 2015	62,475,616	826,658,750	1,135,682,431	38,779,332	13,467,465
FY 2016 /5	67,787,484	859,465,500	888,835,856	41,224,526	14,288,981
FY 2017	84,665,780	879,834,000	941,414,210	43,859,378	15,160,609
FY 2018	88,521,706	892,504,000	970,726,906	46,604,439	16,085,406
FY 2019	91,612,390	884,826,000	998,227,309	49,510,956	17,066,615
FY 2020	94,394,343	884,943,000	1,022,382,641	52,588,446	18,107,679
FY 2021	97,039,050	885,059,000	1,051,217,114	55,846,983	19,212,247
FY 2022	95,641,622	826,118,000	1,072,241,456	59,197,802	20,384,194

/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 2012 are based on a long range forecast scenario.

/3 Presented on a calendar year basis. Future growth assumes a 3.35% growth in FY 2013, 4.5% in FY 2014, 5.5% growth for FY 2015, and 6.0% growth in FY 2016 through FY 2022.

/4 Total personal income through FY 2011 is from the City's Comprehensive Annual Financial Report (CAFR), Table XI, page 132. Personal income estimates for FY 2012 and beyond are increased by 6.09%, which is equivalent to the historical annual average for Alexandria plus an increment related to the gradual buildout of Potomac Yards.

/5 Reflects debt service for self-funded proposed Potomac Yard Metrorail Station starting in FY 2016

Summary Funding Tables

Table 2 (continued)
Debt Service Indicators

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	6.1%	1.4%	4.2%
FY 2014	6.8%	1.5%	4.2%
FY 2015 /2	5.5%	2.1%	6.1%
FY 2016	7.6%	2.1%	6.0%
FY 2017	9.0%	2.0%	5.8%
FY 2018	9.1%	1.9%	5.6%
FY 2019	9.2%	1.8%	5.2%
FY 2020	9.2%	1.7%	4.9%
FY 2021	9.2%	1.6%	4.6%
FY 2022	8.9%	1.4%	4.1%

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 2015

Summary Funding Tables

Table 2 (continued)
Debt Service Indicators

General Fund Balance as a Percentage of General Fund Revenue

Fiscal Year	Assigned/Unassigned	Unassigned
Floor	10.0%	4.0%
Target	N/A	5.5%
FY 1993	24.3%	7.6%
FY 1994	23.4%	7.6%
FY 1995	22.4%	6.6%
FY 1996	20.6%	5.5%
FY 1997	19.1%	6.7%
FY 1998	17.6%	7.6%
FY 1999	16.5%	6.9%
FY 2000	17.3%	6.5%
FY 2001	16.6%	6.7%
FY 2002	17.6%	6.8%
FY 2003	14.4%	7.3%
FY 2004	14.6%	6.9%
FY 2005	13.3%	5.9%
FY 2006	13.2%	5.6%
FY 2007	13.4%	5.4%
FY 2008	12.0%	5.2%
FY 2009	9.3%	4.7%
FY 2010	11.1%	5.3%
FY 2011	10.9%	5.3%

Source: Alexandria FY 2011 Comprehensive Annual Financial Report (CAFR)

Summary Funding Tables

Table 3: General Obligation Bond Repayment Schedules

Table 3, below, summarizes the annual debt service for all currently outstanding general obligation bond issues of the City of Alexandria. Tables 4 through 17, 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 3			
Summary of Total General Obligation Debt Service			
Outstanding Debt at June 30, 2012			
Fiscal Year	Principal	Interest	Total
2013	\$27,285,000	\$19,899,269	\$47,184,269
2014	\$30,095,000	\$18,703,163	\$48,798,163
2015	\$31,830,000	\$17,523,763	\$49,353,763
2016	\$32,550,000	\$16,197,456	\$48,747,456
2017	\$32,515,000	\$14,741,981	\$47,256,981
2018	\$32,460,000	\$13,321,818	\$45,781,818
2019	\$32,425,000	\$11,899,644	\$44,324,644
2020	\$30,390,000	\$10,534,198	\$40,924,198
2021	\$27,450,000	\$9,290,487	\$36,740,487
2022	\$24,615,000	\$8,109,681	\$32,724,681
2023	\$24,615,000	\$6,996,056	\$31,611,056
2024	\$21,315,000	\$5,886,769	\$27,201,769
2025	\$21,315,000	\$4,954,494	\$26,269,494
2026	\$19,275,000	\$4,045,006	\$23,320,006
2027	\$16,310,000	\$3,131,500	\$19,441,500
2028	\$16,310,000	\$1,672,475	\$17,982,475
2029	\$16,310,000	\$1,560,413	\$17,870,413
2030	\$12,960,000	\$842,800	\$13,802,800
2031	\$8,160,000	\$335,600	\$8,495,600
2032	\$3,760,000	\$75,200	\$3,835,200
Total	\$461,945,000	\$169,721,773	\$631,666,773

Summary Funding Tables

Table 4. City of Alexandria, VA
BUILD AMERICA BOND ISSUE OF \$69.95 MILLION - B (JULY, 2011)
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$1,000,000	\$2,725,719	\$3,725,719
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	\$69,950,000	\$28,733,103	\$98,683,103

Summary Funding Tables

Table 5. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$17.0 MILLION - A (JULY, 2010)*
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$2,000,000	\$3,161,900	\$5,161,900
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	\$16,000,000	\$14,482,000	\$30,482,000

* Tax-exempt portion of bond issuance

Summary Funding Tables

Table 6. City of Alexandria, VA
BUILD AMERICA BOND ISSUE OF \$55.3 MILLION - B (JULY, 2010)*
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$0	\$0	\$0
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

Summary Funding Tables

Table 7. City of Alexandria, VA
BUILD AMERICA BOND ISSUE OF \$44.5 MILLION - B (JUNE, 2009)*
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$0	\$2,380,250	\$2,380,250
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	\$31,757,725	\$76,257,725

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

Summary Funding Tables

Table 8. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$35.2 MILLION - A (JUNE, 2009)*
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$3,200,000	\$960,875	\$4,160,875
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	\$31,900,000	\$4,571,438	\$36,471,438

* Tax-exempt portion of bond issuance

Summary Funding Tables

**Table 9. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$58.0 MILLION - A (JULY, 2008)*
Debt Outstanding at June 30, 2012**

Fiscal Year	Principal	Interest	Total
2013	\$3,100,000	\$2,177,750	\$5,277,750
2014	\$3,100,000	\$2,046,000	\$5,146,000
2015	\$3,100,000	\$1,937,500	\$5,037,500
2016	\$3,100,000	\$1,805,750	\$4,905,750
2017	\$3,100,000	\$1,650,750	\$4,750,750
2018	\$3,100,000	\$1,495,750	\$4,595,750
2019	\$3,100,000	\$1,356,250	\$4,456,250
2020	\$3,100,000	\$1,232,250	\$4,332,250
2021	\$3,100,000	\$1,104,375	\$4,204,375
2022	\$3,100,000	\$976,500	\$4,076,500
2023	\$3,100,000	\$852,500	\$3,952,500
2024	\$3,100,000	\$726,563	\$3,826,563
2025	\$3,100,000	\$597,525	\$3,697,525
2026	\$3,100,000	\$466,550	\$3,566,550
2027	\$3,100,000	\$334,800	\$3,434,800
2028	\$3,100,000	\$202,275	\$3,302,275
2029	\$3,100,000	\$67,813	\$3,167,813
Total	\$52,700,000	\$19,030,901	\$71,730,901

* Tax-exempt portion of bond issuance

Summary Funding Tables

**Table 10. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$5.0 MILLION - B (JULY, 2008)*
Debt Outstanding at June 30, 2012**

Fiscal Year	Principal	Interest	Total
2013	\$250,000	\$217,000	\$467,000
2014	\$250,000	\$205,594	\$455,594
2015	\$250,000	\$194,031	\$444,031
2016	\$250,000	\$182,250	\$432,250
2017	\$250,000	\$170,000	\$420,000
2018	\$250,000	\$157,188	\$407,188
2019	\$250,000	\$144,063	\$394,063
2020	\$250,000	\$130,750	\$380,750
2021	\$250,000	\$117,250	\$367,250
2022	\$250,000	\$103,750	\$353,750
2023	\$250,000	\$90,250	\$340,250
2024	\$250,000	\$76,750	\$326,750
2025	\$250,000	\$63,000	\$313,000
2026	\$250,000	\$49,000	\$299,000
2027	\$250,000	\$35,000	\$285,000
2028	\$250,000	\$21,000	\$271,000
2029	\$250,000	\$7,000	\$257,000
Total	\$4,250,000	\$1,963,876	\$6,213,876

* Taxable portion of bond issuance for Glebe Park housing project

Summary Funding Tables

Table 11. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$22.8 MILLION - A (MAY, 2007)*
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$0	\$1,025,650	\$1,025,650
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	\$5,847,150	\$28,662,150

* Tax exempt bond issuance refinanced prior City bond issuance

Summary Funding Tables

**Table 12. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$56.0 MILLION - A (JUNE, 2006)*
Debt Outstanding at June 30, 2012**

Fiscal Year	Principal	Interest	Total
2013	\$2,920,000	\$1,847,831	\$4,767,831
2014	\$2,920,000	\$1,701,831	\$4,621,831
2015	\$2,915,000	\$1,585,031	\$4,500,031
2016	\$2,915,000	\$1,468,431	\$4,383,431
2017	\$2,915,000	\$1,322,681	\$4,237,681
2018	\$2,915,000	\$1,176,931	\$4,091,931
2019	\$2,915,000	\$1,053,044	\$3,968,044
2020	\$2,915,000	\$925,513	\$3,840,513
2021	\$2,915,000	\$797,981	\$3,712,981
2022	\$2,915,000	\$666,806	\$3,581,806
2023	\$2,915,000	\$521,056	\$3,436,056
2024	\$2,915,000	\$375,306	\$3,290,306
2025	\$2,915,000	\$251,419	\$3,166,419
2026	\$2,915,000	\$127,531	\$3,042,531
Total	\$40,820,000	\$13,821,392	\$54,641,392

* Tax exempt portion of bond issuance

Summary Funding Tables

**Table 13. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$15.0 MILLION - B (JUNE, 2006)*
Debt Outstanding at June 30, 2012**

Fiscal Year	Principal	Interest	Total
2013	\$750,000	\$604,125	\$1,354,125
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	\$10,500,000	\$4,602,000	\$15,102,000

* Taxable portion of bond issuance (affordable housing)

Summary Funding Tables

**Table 14. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$54.8 MILLION - C (NOVEMBER, 2004)
Debt Outstanding at June 30, 2012**

Fiscal Year	Principal	Interest	Total
2013	\$2,740,000	\$1,417,950	\$4,157,950
2014	\$2,740,000	\$1,328,900	\$4,068,900
2015	\$2,740,000	\$1,212,450	\$3,952,450
2016	\$2,740,000	\$1,082,300	\$3,822,300
2017	\$2,740,000	\$959,000	\$3,699,000
2018	\$2,740,000	\$842,550	\$3,582,550
2019	\$2,740,000	\$732,950	\$3,472,950
2020	\$2,740,000	\$623,350	\$3,363,350
2021	\$2,740,000	\$513,750	\$3,253,750
2022	\$2,740,000	\$404,150	\$3,144,150
2023	\$2,740,000	\$294,550	\$3,034,550
2024	\$2,740,000	\$181,525	\$2,921,525
2025	\$2,740,000	\$61,650	\$2,801,650
Total	\$35,620,000	\$9,655,075	\$45,275,075

Summary Funding Tables

Table 15. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$32.5 MILLION - B (OCTOBER, 2004)*
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$3,130,000	\$1,079,069	\$4,209,069
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	\$24,395,000	\$4,746,488	\$29,141,488

* Tax exempt bond issuance refinanced prior City bond issuance

Summary Funding Tables

Table 16. City of Alexandria, VA
 GENERAL OBLIGATION BOND ISSUE OF \$64.7 MILLION - (JANUARY 1, 2004)
 Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$3,300,000	\$1,480,875	\$4,780,875
2014	\$3,300,000	\$1,348,875	\$4,648,875
2015	\$3,300,000	\$1,216,875	\$4,516,875
2016	\$3,300,000	\$1,084,875	\$4,384,875
2017	\$3,300,000	\$952,875	\$4,252,875
2018	\$3,300,000	\$820,875	\$4,120,875
2019	\$3,300,000	\$688,875	\$3,988,875
2020	\$3,300,000	\$556,875	\$3,856,875
2021	\$3,300,000	\$420,750	\$3,720,750
2022	\$3,300,000	\$280,500	\$3,580,500
2023	\$3,300,000	\$140,250	\$3,440,250
Total	\$36,300,000	\$8,992,500	\$45,292,500

Summary Funding Tables

Table 17. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$54.5 MILLION - (JULY, 2001)
Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$2,895,000	\$130,275	\$3,025,275
Total	\$2,895,000	\$130,275	\$3,025,275

Summary Funding Tables

Table 18. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$34.0 MILLION - (JANUARY, 1999)
Debt Outstanding at June 30, 2012

Fiscal Year	Principal	Interest	Total
2013	\$2,000,000	\$690,000	\$2,690,000
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	\$14,000,000	\$2,770,000	\$16,770,000

Summary Funding Tables

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Capital Project Detail Sheets

The detail sheets on the following pages provide a variety of information about the City's capital improvement projects. On each sheet, the following information is provided:

Project Title – The title by which the project is referred to in official documents.

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.

Priority – The priority assigned to this project. There are three priority designations: (a) Essential; (b) Very Desirable; and (c) Desirable.

Estimated Useful Life of Improvement – Where possible, information on the estimated life of the improvement scheduled in the FY 2013 – FY 2022 CIP is provided.

Project Category – Describes the type of project. There are three project categories: Category 1 – an on-going or annual maintenance, repair and replacement project; Category 2 – a one-time repair or renovation project on an existing City facility; Category 3 – a new construction or complete renovation (essentially creating a new facility) project.

Strategic Plan Goal – Goal with which the project most closely aligns.

Location – Specific location of project, area of the City, a Citywide initiative, or regional project.

Project Summary – Details about the scope of work, estimated funding, and project schedule (where applicable).

Changes from Prior Year – Identifies project changes in relation to the Approved FY 2012 – 2021 CIP.

Project History – Provides a history of the project (where applicable).

Operating Impact – Details the additional operating impacts on the FY 2013 Operating Budget (and beyond).

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ALEXANDRIA CITY PUBLIC SCHOOLS

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Alexandria City Public Schools

Alexandria City Public Schools (ACPS) Subsection/Project	¹ <i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
ACPS Capacity Projects												
Jefferson-Houston New K-8	\$2,320,000	\$7,130,489	\$32,195,137	\$1,785,812	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,111,438
Other Capacity Projects	0	1,994,475	1,720,123	0	0	0	0	0	0	0	0	3,714,598
Patrick Henry K-8	0	0	2,950,328	7,491,466	31,660,003	930,643	0	0	0	0	0	43,032,440
ACPS Facilities Maintenance												
Asset Loss Prevention	150,625	751,584	558,592	497,392	453,789	0	0	0	0	0	0	2,261,357
Asset Replacement	179,000	500,000	500,000	500,000	805,760	0	0	0	0	0	0	2,305,760
Equipment and Systems Replacement	0	988,743	855,869	764,195	915,755	0	0	0	0	0	0	3,524,562
Facilities Maintenance	1,199,332	11,332,111	1,566,313	3,134,849	2,048,864	0	0	0	0	0	0	18,082,137
Instructional Environment	0	630,375	646,134	662,288	678,845	0	0	0	0	0	0	2,617,642
Shared Program Priorities	0	742,628	128,704	131,922	135,221	0	0	0	0	0	0	1,138,475
EcoCity Projects	1,080,366	0	0	2,289,363	1,203,156	0	0	0	0	0	0	3,492,519
ADA Projects	1,430,090	0	0	0	137,981	0	0	0	0	0	0	137,981
ACPS To Be Determined												
ACPS Lump Sum Funding (Projects TBD)	0	0	0	0	2,217,808	12,000,000	13,000,000	13,500,000	13,366,000	13,600,000	13,600,000	81,283,808
ACPS Total	\$6,359,413	\$24,070,405	\$41,121,200	\$17,257,287	\$40,257,182	\$12,930,643	\$13,000,000	\$13,500,000	\$13,366,000	\$13,600,000	\$13,600,000	\$202,702,717
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$6,359,413	\$24,070,405	\$41,121,200	\$17,257,287	\$40,257,182	\$12,930,643	\$13,000,000	\$13,500,000	\$13,366,000	\$13,600,000	\$13,600,000	\$202,702,717

¹ Unallocated balances do not include transfer made by ACPS Board in January 2012.

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Alexandria City Public Schools

On December 14, 2011, Superintendent Mort Sherman presented to the School Board a Proposed FY 2013-2022 Capital Improvement Program (CIP). Similar to last year, ACPS staff presented a Needs-Based and Resource-Constrained plan. The Needs-Based plan requests \$390.2 million over ten years from the City while the Resource-Constrained plan equals \$357.8 million. This is an increase of \$146.8 million over the City Council Approved FY 2012-2021 CIP. After a series of School Board work sessions, the School Board adopted a \$357.8 million Proposed FY 2013-2022 CIP on February 2, 2012. The Proposed CIP includes three major funding categories: Schools Capacity, Facility Maintenance, and Shared Program Priorities (i.e., space for preschool classes, health clinics, athletic facilities and adult alternative education).¹ A fourth, "All Other Categories," group has been included in the table below to capture projects which fall outside the three major categories.² Below is brief comparison of the ACPS Proposed FY 2013-2022 Resource-Constrained CIP and the City Council Approved FY 2012-2021 CIP for the full ten-year period and FY 2013 only.

Project Category	FY 2012 - 2021 City Council Approved CIP	FY 2013-2022 Proposed ACPS CIP	\$ Increase/(Decrease)	% Increase/(Decrease)
Schools Capacity	\$ 84,262,974	\$ 214,218,857	\$ 129,955,883	154.2%
Facilities Maintenance	\$ 81,782,118	\$ 63,970,845	\$ (17,811,273)	-21.8%
Shared Program Priorities	\$ 2,157,813	\$ 26,129,308	\$ 23,971,495	1110.9%
All Other Categories	\$ 42,850,554	\$ 53,519,359	\$ 10,668,805	24.9%
Totals	\$ 211,053,459	\$ 357,838,369	\$ 146,784,910	69.5%

* Proposed funding represents ACPS "Resource-Constrained" request from ACPS website

Project Category	* FY 2013 City Council Planned CIP	** FY 2013 Proposed ACPS CIP	\$ Increase/(Decrease)	% Increase/(Decrease)
Schools Capacity	\$ 19,886,238	\$ 9,124,964	\$ (10,761,274)	-54.1%
Facilities Maintenance	\$ 7,603,143	\$ 11,332,111	\$ 3,728,968	49.0%
Shared Program Priorities	\$ 63,552	\$ 742,628	\$ 679,076	1068.5%
All Other Categories	\$ 3,396,423	\$ 2,870,702	\$ (525,721)	-15.5%
Totals	\$ 30,949,356	\$ 24,070,405	\$ (6,878,951)	-22.2%

* FY 2013 City Council Planned CIP represents FY 2013 of the City Council Approved FY 2012 - 2021 CIP

** Proposed funding represents ACPS "Resource-Constrained" request from ACPS website

As part of City Council's Approved FY 2012-2021 CIP, City Council approved the joint City/ACPS recommendations for the first four years (FY 2012-2015) of the CIP. Included in the first four years of City Council's Approved FY 2012-2021 CIP are two new ACPS facilities to address capacity issues at Jefferson-Houston K-8 and Patrick Henry K-8. The table on the next page details the capacity requests that were included in the City Council Approved FY 2012-2021 CIP and changes requested in the ACPS Proposed FY 2013-2022 CIP, which adjust the timing and amount of funding for both Jefferson-Houston K-8 and Patrick Henry K-8. In addition to the data on the next page, ACPS is also requesting as part of the Proposed FY 2013-2022 CIP three additional facilities to address capacity issues totaling \$127.0 million. These requests are currently unfunded in the later years of the City Manager's Proposed FY 2013-2022 CIP. They will be the subject of further joint study by City and ACPS staff of future enrollment needs leading to the formation of next year's CIP.

¹ Schools capacity represents the addition of new classrooms, resources rooms and multi-purpose rooms (i.e. cafeteria, gym, etc. through the expansion of existing facilities and construction of new schools.

² Examples of "Other Categories" include: ADA, Asset Loss Prevention, Asset Replacement, Eco-City, Equipment and Systems Replacement, and Instructional Environment.

Alexandria City Public Schools

Jefferson-Houston K-8	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
City Council Approved FY 2012 - 2021 CIP	\$ 11,752,652	\$ 14,422,966	\$ 10,353,239	\$ -	\$ -	\$ 39,648,857
ACPS Proposed FY 2013-2022 CIP	\$ 7,130,489	\$ 32,195,137	\$ 1,785,812	\$ -	\$ -	\$ 44,231,438
Difference: ACPS - City	\$ (4,622,163)	\$ 17,772,171	\$ (8,567,427)	\$ -	\$ -	\$ 4,582,581

Patrick Henry K-8	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
¹ City Council Approved FY 2012 - 2021 CIP	\$ 4,066,792	\$ 1,638,977	\$ 9,808,329	\$ 24,893,205	\$ -	\$ 40,407,303
ACPS Proposed FY 2013-2022 CIP	\$ -	\$ 2,950,328	\$ 7,491,466	\$ 31,660,003	\$ 930,643	\$ 43,032,440
Difference: ACPS - City	\$ (4,066,792)	\$ 1,311,351	\$ (2,316,863)	\$ 6,766,798	\$ 930,643	\$ 2,625,137

¹ FY 12-21 City Approved included \$4,066,792 in FY 13 for a second story addition of ten classrooms on the existing facility. This does not appear as part of the ACPS Proposed FY 2013-2022 CIP.

When accounting for the changes in funding and timing to the two new schools as proposed by ACPS, the chart below page provides a comparison of the City Manager's Proposed FY 2013-2022 CIP to the City Council Approved FY 2012-2021 CIP. This comparison removes proposed funding for the three additional facilities not included in the City Council Approved FY 2012-2021 CIP, and keeps total ACPS funding equal to levels in the City Council Approved FY 2012-2021 CIP for FY 2013-2021. This scenario fully funds the ACPS CIP requests through FY 2016 (minus funding for new facilities beyond Jefferson-Houston and Patrick Henry) except for moving \$930,643 to FY 2017 to account for completion of the new Patrick Henry K-8 facility. The decrease in the total amount of funding from the Approved FY 2012 – 2021 CIP to the Proposed FY 2013 – 2022 CIP (\$8.4 million) is due to FY 2022 being lower than what was approved FY 2012 in last year's plan. FY 2022 funding was added at the same level as planned FY 2021 funding.

Total ACPS CIP	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total FY 13-17
City Council Approved FY 2012 - 2021 CIP	\$ 30,949,356	\$ 24,930,211	\$ 31,371,027	\$ 36,386,123	\$ 12,000,000	\$ 135,636,717
City Manager's Proposed FY 2013-2022 CIP	\$ 24,070,405	\$ 41,121,200	\$ 17,257,287	\$ 40,257,182	\$ 12,930,643	\$ 135,636,717
Difference: Approved - CM Proposed	\$ (6,878,951)	\$ 16,190,989	\$ (14,113,740)	\$ 3,871,059	\$ 930,643	\$ -

Total ACPS CIP	FY 2018	FY 2019	FY 2020	FY 2021	¹ FY 2022	Total FY 13-22
City Council Approved FY 2012 - 2021 CIP	\$ 13,000,000	\$ 13,500,000	\$ 13,366,000	\$ 13,564,267	\$ 13,564,267	\$ 202,631,251
City Manager's Proposed FY 2013-2022 CIP	\$ 13,000,000	\$ 13,500,000	\$ 13,366,000	\$ 13,600,000	\$ 13,600,000	\$ 202,702,717
Difference: Approved - CM Proposed	\$ -	\$ -	\$ -	\$ 35,733	\$ 35,733	\$ 71,466

¹ FY 2022 funding assumes the same level of funding as FY 2021 for planning purposes.

On page 7-18, a placeholder project, "ACPS Lump Sum Funding" has been included in the City Manager's Proposed FY 2013-2022 CIP. Because City and ACPS staff has not reached a consensus on years 2017-2022, it is not practical to break out funding by specific projects in the City Manager's Proposed CIP. As staff reaches a consensus on those years, funding will be applied to specific projects.

Given the magnitude of the requested \$357.8 million ten-year plan, it will take it will take time for the School Board, City staff and City Council, and the community to digest the components of the ACPS proposal.

Alexandria City Public Schools

Jefferson-Houston K-8 School

Subsection: ACPS Capacity Projects

Managing Department: ACPS

Project Category: 3

ACPS FY 2013 Proposed CIP Page Number: p. 57

Estimated Useful Life of Improvement: 50 years

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

Location: Old Town Alexandria

Project Summary: This project will construct a new 120,000 square foot K-8 school to replace the existing Jefferson-Houston facility. The existing facility is no longer an appropriate instructional environment for students or teachers. Additionally, the new facility will help meet increasing enrollment needs. Demolition of the existing facility after the new facility is built, additional furniture, fixtures, and equipment, and stormwater management expenses are included in the total project cost. The current project funding schedule will provide for the opening of the new facility in fall 2015. The total project cost estimate is \$44.2 million.

Changes from Prior Year: Based on a revised project schedule, the opening of the facility has been moved to fall 2015. Total estimated project costs (including FY 2012 funding of \$3.12 million) increase from \$39.6 million to \$44.2 million, an increase of \$4.6 million. Construction, project management, architecture and engineering, and furniture, fixture, and equipment costs have been updated by ACPS.

Operating Impact: Per the ACPS FY 2013 Proposed CIP, this project will have both additional personnel and non-personnel impacts exceeding \$1.0 million once the facility is open.

Jefferson-Houston K-8	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	2,320,000	7,130,489	32,195,137	1,785,812	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	2,320,000	7,130,489	32,195,137	1,785,812	0	0

Jefferson-Houston K-8	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	41,111,438
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	41,111,438

Alexandria City Public Schools

Other Capacity Projects

Subsection: ACPS Capacity Projects

Managing Department(s): ACPS

Project Category: 3

Estimated Useful Life of Improvement: Varies

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

Location: ACPS System-wide

Project Summary: This project provides funding to address capacity-related issues at ACPS facilities. Projects funded in FY 2013 and FY 2014 include:

- **James K. Polk – Capacity Addition and FF & E (\$1,589,475 - FY 2013; \$807,870 – FY 2014)** - Additional classroom space will be provided for fall of 2013. These classrooms are needed to accommodate increased enrollment growth.
- **Secondary Schools – Satellite Location Renovations (\$210,000 – FY 2013)** – Renovations to three identified areas for satellite schools.
- **Schools Division – Central Office (FY 2014 - \$912,253)** – Relocate all central office employees to an office space at an alternate location.
- **Schools Division – Division-wide Architecture and Engineering Study; Long-Term Planning (FY 2013 - \$195,000)**

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

Operating Impact: Per the ACPS FY 2013 Proposed CIP, the James K. Polk capacity addition will have both increased personnel and non-personnel impacts, ranging from \$5,000 - \$100,000. The Central Office relocation will have both increased personnel and non-personnel impacts, ranging from \$5,000 - \$100,000.

Other Capacity Projects	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	1,994,475	1,720,123	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	1,994,475	1,720,123	0	0	0

Other Capacity Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	3,714,598
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	3,714,598

Alexandria City Public Schools

Patrick Henry K-8 School

Subsection: ACPS Capacity Projects

Managing Department(s): ACPS

Project Category: 3

ACPS FY 2013 Proposed CIP Page Number: p. 49

Estimated Useful Life of Improvement: 50 years

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

Location: West End / Seminary Hill

Project Summary: This project will construct a new 120,000 square foot K-8 school to address capacity-related issues at the current Patrick Henry school site, and will be used in conjunction with the existing facility. The new facility is necessary due to the increasing student enrollments. Demolition of the existing facility after the new facility is built, additional furniture, fixtures, and equipment, and stormwater management expenses are included in the total project cost. The current project funding schedule will provide for the opening of the new facility in the school year of 2016-2017. Funding for the project is planned beginning in FY 2014. The total project cost estimate is \$43.0 million.

Construction of this project will be aligned with the Patrick Henry Recreation Center project (p. 7-18). Additionally, there will be a public process which will review how the new facility will impact other uses on the site including athletic fields, open space, and the existing recreation center.

Changes from Prior Year: Based on a revised project schedule, the opening of the facility has been moved to the 2016-2017 school year. Total estimated project costs increase from \$40.4 million to \$43.0 million, an increase of \$2.6 million. Construction, project management, architecture and engineering, and furniture, fixture, and equipment costs have been updated by ACPS.

Operating Impact: Per the ACPS FY 2013 Proposed CIP, this project will have both additional personnel and non-personnel impacts exceeding \$1.0 million once the facility is open.

Patrick Henry K-8	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	2,950,328	7,491,466	31,660,003	930,643
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	2,950,328	7,491,466	31,660,003	930,643

Patrick Henry K-8	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	43,032,440
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	43,032,440

Alexandria City Public Schools

Asset Loss Prevention

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

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

Location: ACPS System-wide

Project Summary: Funding is provided for projects that prevent the loss of existing ACPS assets (e.g. fire alarms, sprinkler and security alarm systems). Details on specific FY 2013 projects by ACPS site will be included as part of the City's Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

Asset Loss Prevention	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	150,625	751,584	558,592	497,392	453,789	0
Less Revenues	0	0	0	0	0	0
Net City Share	150,625	751,584	558,592	497,392	453,789	0

Asset Loss Prevention	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	2,261,357
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	2,261,357

Alexandria City Public Schools

Asset Replacement

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

Strategic Plan Goal: 4 – Children, Youth & Families

Location: ACPS System-wide

Project Summary: Funding is provided for the replacement of existing furniture, fixtures, and equipment. Details on specific FY 2013 projects by ACPS site will be included as part of the City's Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

Asset Replacement	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	179,000	500,000	500,000	500,000	805,760	0
Less Revenues	0	0	0	0	0	0
Net City Share	179,000	500,000	500,000	500,000	805,760	0

Asset Replacement	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	2,305,760
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	2,305,760

Alexandria City Public Schools

Equipment and Systems Replacement

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

Strategic Plan Goal: 4 – Children, Youth & Families

Location: ACPS System-wide

Project Summary: Funding is provided for replacement of existing building infrastructure and equipment in existing facilities. Additionally, funds are provided for the replacement of school buses and other school vehicles. Details on specific FY 2013 projects by ACPS site will be included as part of the City's Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

Equipment & Systems Replacement	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	988,743	855,869	764,195	915,755	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	988,743	855,869	764,195	915,755	0

Equipment & Systems Replacement	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	3,524,562
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	3,524,562

Alexandria City Public Schools

Facilities Maintenance

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

Strategic Plan Goal: 4 – Children, Youth, Families

Location: ACPS System-wide

Project Summary: Funding is provided for projects identified by an external facilities maintenance consultant to keep buildings in good operational repair, based on industry-wide maintenance standards. Details on specific FY 2013 projects by ACPS site will be included as part of the City's Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

Facilities Maintenance	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,199,332	11,332,111	1,566,313	3,134,849	2,048,864	0
Less Revenues	0	0	0	0	0	0
Net City Share	1,199,332	11,332,111	1,566,313	3,134,849	2,048,864	0

Facilities Maintenance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	18,082,137
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	18,082,137

Alexandria City Public Schools

Instructional Environment

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

Strategic Plan Goal: 4 – Children, Youth, Families

Location: ACPS System-wide

Project Summary: Funding is provided for projects intended to improve the instructional environment at each ACPS site. Details on specific FY 2013 projects by ACPS site will be included as part of the City's Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

Instructional Environment	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	630,375	646,134	662,288	678,845	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	630,375	646,134	662,288	678,845	0

Instructional Environment	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	2,617,642
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	2,617,642

Alexandria City Public Schools

Shared Program Priorities

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

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

Location: ACPS System-wide

Project Summary: Funding is provided for projects previously categorized as “City Mandates” plus projects that are joint efforts with the Department of Recreation, Parks and Cultural Affairs (RPCA) and the Department of Health and Community Services (DCHS). Details on specific FY 2013 projects by ACPS site will be included as part of the City’s Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City’s Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

Shared Program Priorities	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	742,628	128,704	131,922	135,221	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	742,628	128,704	131,922	135,221	0

Shared Program Priorities	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,138,475
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,138,475

Alexandria City Public Schools

EcoCity Projects

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

Strategic Plan Goal: 4- Children, Youth & Families

Location: ACPS System-wide

Project Summary: Funding is provided for "Greenovation" projects to reduce energy use and the ACPS carbon footprint. Details on specific FY 2013 projects by ACPS site will be included as part of the City's Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

EcoCity Projects	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,080,366	0	0	2,289,363	1,203,156	0
Less Revenues	0	0	0	0	0	0
Net City Share	1,080,366	0	0	2,289,363	1,203,156	0

EcoCity Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	3,492,519
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	3,492,519

Alexandria City Public Schools

Americans with Disabilities Act (ADA) Projects

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: 1

Estimated Useful Life of Improvement: Varies

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

Location: ACPS System-wide

Project Summary: Funding is provided for projects that will allow ACPS to meet guidelines of the Americans with Disabilities Act (ADA) at every ACPS site. Details on specific FY 2013 projects by ACPS site will be included as part of the City's Approved FY 2013 – 2022 Capital Improvement Program (CIP) document.

Changes from Prior Year: FY 2013 – 2016 of the City's Proposed CIP includes funding recommendations matching the ACPS FY 2013 Proposed CIP. City and ACPS staff have not achieved consensus on funding levels for FY 2017 – 2022, so additional funding for this project is included in the ACPS Lump Sum Funding project (p. 7-18). Specific funding levels for this project will be programmed as staff achieves consensus on FY 2017 – 2022.

ADA Projects	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,430,090	0	0	0	137,981	0
Less Revenues	0	0	0	0	0	0
Net City Share	1,430,090	0	0	0	137,981	0

ADA Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	137,981
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	137,981

Alexandria City Public Schools

ACPS Lump Sum Funding

Subsection: ACPS Systems Maintenance

Managing Department: ACPS

Project Category: No Category Assigned

Estimated Useful Life of Improvement: Varies

Strategic Plan Goal: 4 – Children, Youth, Families

Location: ACPS System-wide

Project Summary: This project provides funding for projects to be determined by ACPS in FY 2016 – 2022. This project is necessitated since City and ACPS staff have not achieved consensus on funding levels for those fiscal years.

Changes from Prior Year: This is a new project category for the FY 2013 – 2022 Proposed CIP. The dollars amounts included represent ACPS lump sum funding levels since City and ACPS staff have not achieved consensus on specific project levels for FY 2017 – 2022. FY 2016 represents the amount of funding necessary to keep funding consistent with levels in the Approved FY 2012 – 2021 CIP for FY 2013 – 2016.

ACPS Lump Sum Funding	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	2,217,808	12,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	2,217,808	12,000,000

ACPS Lump Sum Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	13,000,000	13,500,000	13,366,000	13,600,000	13,600,000	81,283,808
Less Revenues	0	0	0	0	0	0
Net City Share	13,000,000	13,500,000	13,366,000	13,600,000	13,600,000	81,283,808

COMMUNITY DEVELOPMENT

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Community Development

Community Development Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22	
City-Wide Amenities													
Lighting Fixture & Poles Replacement	110,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
Public Art Acquisition	0	50,000	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	500,000	2,750,000
Public Art Conservation Program	30,000	15,000	15,000	15,000	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	187,500
Transportation Sign. & Wayfinding System	0	295,000	225,000	200,000	0	515,000	361,000	432,000	241,000	0	0	0	2,269,000
Crime Prevention Projects (Street Lighting)	\$0	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000
Neighborhood Planning													
Waterfront Small Area Plan Implementation	0	750,000	0	0	0	0	0	0	0	0	0	0	750,000
Braddock Road Area Plan Implementation	100,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
King St. Plan Implementation	0	0	150,000	0	0	250,000	250,000	250,000	0	0	0	0	900,000
Landmark/Van Dorn Area Plan Impl.	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
Waterways Maintenance & Improvements													
Four Mile Run Stream Restoration	1,094,042	402,963	0	0	0	0	0	0	0	0	0	0	402,963
Oronoco Outfall	85,000	2,200,000	0	0	0	0	0	0	0	0	0	0	2,200,000
City Marina Waterfront Dredging	0	0	550,000	2,550,000	0	0	0	100,000	3,000,000	0	0	0	6,200,000
Environmental Restoration	388,750	0	134,000	0	150,000	0	150,000	0	150,000	150,000	150,000	150,000	884,000
Woodrow Wilson Bridge Project													
Woodrow Wilson Bridge Project	16,467,314	0	0	0	0	0	0	0	0	0	0	0	0
Community Development Total	\$18,275,106	\$3,832,963	\$1,294,000	\$3,035,000	\$510,000	\$1,175,000	\$1,228,500	\$1,299,500	\$3,958,500	\$767,500	\$827,500	\$827,500	\$17,928,463
Less Total Non-City Revenue	\$17,055,314	\$231,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$231,500
Total Net City Costs	\$1,219,792	\$3,601,463	\$1,294,000	\$3,035,000	\$510,000	\$1,175,000	\$1,228,500	\$1,299,500	\$3,958,500	\$767,500	\$827,500	\$827,500	\$17,696,963

Community Development

Lighting Fixture & Poles Replacement

Subsection: City-Wide Amenities
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: Varies
 Priority: Essential
 Strategic Plan Goal: 1 – Land Use & Economic Development
 Location: Citywide

Project Summary: This project provides funding for the regular replacement of Gadsby light fixtures and poles. The City is required to keep an inventory in stock for replacement of fixtures. A total of \$750,000 is planned over ten years (\$75,000 annually) for this project. Annual funding will purchase 12-13 new poles (\$10,000); refurbish approximately 20 fixtures (\$15,000); and replace approximately 30 fixtures (\$50,000).

Changes from Prior Year: Funding in the amount of \$75,000 is added for FY 2022.

Operating Impact: No additional operating impact.

Lighting Fixture & Poles Repl.	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	110,000	75,000	75,000	75,000	75,000	75,000
Less Revenues	0	0	0	0	0	0
Net City Share	110,000	75,000	75,000	75,000	75,000	75,000

Lighting Fixture & Poles Repl.	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	75,000	75,000	75,000	75,000	75,000	750,000
Less Revenues	0	0	0	0	0	0
Net City Share	75,000	75,000	75,000	75,000	75,000	750,000

Community Development

Public Art Acquisition Program

Subsection: City-Wide Amenities

Managing Department: Recreation & Parks

Supporting Department(s): N/A

Project Category: 3

Estimated Useful Life of Improvement: Varies

Priority: Desirable

Strategic Plan Goal: 7 – Caring Community

Location: Citywide

Project Summary: This project provides an annual funding stream for the purchase or commission of art in public areas. The Public Art Acquisition Program will partially or fully fund public art at priority locations throughout the City such as the waterfront, gateways, parks, schools and other public buildings and spaces. A total of \$2.75 million is planned for public art acquisition costs from FY 2013 through FY 2022. A public arts funding policy via private development is under consideration.

Changes from Prior Year: Project funding originally planned to begin in FY 2014 was accelerated to FY 2013.

Project History: Based on City Council's request to develop a comprehensive arts program for the City, the Department of Recreation, Parks and Cultural Activities and the Public Art Committee have identified initial priority locations for public art. As part of this planning process, the Public Art Committee and staff recommend a Public Art Master Plan, which is funded as part of the FY 2013 Proposed Operating Budget. A Public Art Master Plan is 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 is a community based project that will take consultants 18 to 24 months to complete. Results of the public art master plan will guide funding priorities for future years.

Operating Impacts: As the City begins to acquire additional art, additional funding for routine and preventive maintenance will be necessary.

Public Art Acquisition	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	50,000	100,000	150,000	200,000	250,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	50,000	100,000	150,000	200,000	250,000

Public Art Acquisition	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	300,000	350,000	400,000	450,000	500,000	2,750,000
Less Revenues	0	0	0	0	0	0
Net City Share	300,000	350,000	400,000	450,000	500,000	2,750,000

Community Development

Public Art Conservation Program

Subsection: City-Wide Amenities

Managing Department: Recreation & Parks

Supporting Department(s): N/A

Project Category: 1

Estimated Useful Life of Improvement: Perpetual

Priority: Essential

Strategic Plan Goal: 7 – Caring Community

Location: Citywide

Project Summary: This project provides an annual funding stream for the conservation of art in public areas. The public art conservation program will provide the vehicle to insure the long term preservation and viability of the City's art investments. Conservation activities include examination, documentation, treatment (restoration or stabilization), and preventative care. Preventative maintenance will be addressed through the operating budget. In FY 2013, funds will be applied to: the restoration and re-installation of the "Paz en Chirilagua" Mural at the Four Mile Run Community Center in Arlandria; phase two and completion of the public art conservation plan; and improvements to the granite floor of the Rocky Versace and Vietnam Veterans Memorial to eliminate hazardous conditions for pedestrians when the surface is wet. A total of \$187,500 is planned over ten years for this project.

Changes from Prior Year: Project funding was reduced by 50% annually, as funds were transferred from the CIP to the Operating Budget to account for routine and preventive maintenance costs more appropriately charged to the Operating Budget.

Project History: Based on City Council request to develop a comprehensive arts program for the City, the Department of Recreation, Parks and Cultural Activities will hire a professional conservator to examine existing public artwork in need of conservation and create a schedule for the work. A schedule of preventative maintenance will be created upon completion of the conservation study.

Operating Impact: No additional operating impact. The shift of \$15,000 to the operating budget in FY 2013 was offset by a corresponding decrease in the General Fund transfer to the CIP for a net \$0 increase.

Public Art Conservation Program	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	30,000	15,000	15,000	15,000	15,000	15,000
Less Revenues	0	0	0	0	0	0
Net City Share	30,000	15,000	15,000	15,000	15,000	15,000

Public Art Conservation Program	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	22,500	22,500	22,500	22,500	22,500	187,500
Less Revenues	0	0	0	0	0	0
Net City Share	22,500	22,500	22,500	22,500	22,500	187,500

Community Development

Transportation Signage and Wayfinding System

Subsection: City-Wide Amenities

Managing Department: Planning & Zoning/T & ES

Supporting Department(s): N/A

Project Category: 3

Estimated Useful Life of Improvement: N/A

Priority: Desirable

Strategic Plan Goal: 1 – Land Use & Economic Development

Location: Citywide

Project Summary: 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 provide a comprehensive wayfinding program for drivers and pedestrians, 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. Implementation is estimated to cost \$2.369 million. \$100,000 was approved in the FY 2011 – 2020 CIP, and the remainder of costs (\$2.269 million) are funded in the FY 2013 – 2022 CIP.

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. The City will issue an RFP to competitively bid each phase. There are seven phases proposed:

- Phase 1 - Parking signs in Old Town (\$100,000, FY 2010)
- Phase 2 - Old Town visitor kiosks, pedestrian pointers, (\$295,000, FY 2013)
- 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)

Changes from Prior Year: No changes from prior year.

Project History: A study undertaken by the City to evaluate the need for a new visitors' center concluded in 2003 that a major weakness is an ineffective and inadequate sign program to direct persons around the City, including informational and directional signs for visitors, tourists, residents, and business travelers. As a result of the need to be more proactive in orienting and informing visitors and residents, motivating them to visit historic sites, and making the navigation of the City easier, a coordinated signage and wayfinding program was recommended. With increased regional competition for retail, restaurant, and tourism dollars, this is a key economic development project. In September 2007, \$450,000 was allocated for the design of the wayfinding and identification system. Parking in Old Town has been identified as a high priority issue by the City Council, the Planning Commission, the Chamber of Commerce, and others. An Old Town Parking Study is under way; this study and previous studies indicate that visitors are not able to easily locate parking garages; that is why the proposed initial phase of this program is parking wayfinding signage in Old Town.

Operating Impact: Additional operating impact is unknown at this time however the costs of replacement signs will be a component of future operating budgets.

Community Development

(Transportation and Wayfinding System continued)

Transportation Sign & Wayfinding System	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	295,000	225,000	200,000	0	515,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	295,000	225,000	200,000	0	515,000

Transportation Sign & Wayfinding System	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	361,000	432,000	241,000	0	0	2,269,000
Less Revenues	0	0	0	0	0	0
Net City Share	361,000	432,000	241,000	0	0	2,269,000

Community Development

Crime Prevention Projects

Subsection: City-Wide Amenities
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: 20 years
 Priority: Desirable
 Strategic Plan Goal: 6 – Public Safety
 Location: Citywide

Project Summary: This project provides funding for the replacement of street lighting citywide, particularly addressing deficiencies in areas where crime data shows that poor lighting might attribute to increased criminal activity. Additional street cans may also be funded with this account to help mitigate litter in the City. Other small capital projects designed to react to trends in crime in the City can also be funded through this project. A total of \$175,000 (\$25,000/annually) in FY 2016 – 2022 is planned for this project.

Changes from Prior Year: Funding in the amount of \$25,000 is added for FY 2022.

Project History: This project was formerly listed as Miscellaneous Street Cans/Street Lighting in previous capital plans. Under this title, the project provided funding for the replacement of street cans and lighting, particularly to address deficiencies that were noted during the Inner City Walk of 2006. \$25,000 of previously unallocated balance was expended in FY 2009 for lighting to address various deficiencies in the Arlandria area.

Since many of the issues identified in the Inner-City Walks have been addressed (particularly related to street cans) this project will now focus on funding the implementation of street lighting as a crime prevention measure. In an effort to increase the safety of residents and to aid the Alexandria Police Department with crime prevention activities, future funding will be used to address street lighting deficiencies in areas where crime data shows that increased lighting could prevent criminal activity.

Operating Impact: When annual funding resumes in FY 2016, additional street lights will have additional utility costs that will need to be captured in the operating budget.

Crime Prevention Projects (Street Lighting)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	25,000	25,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	25,000	25,000

Crime Prevention Projects (Street Lighting)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	25,000	25,000	25,000	25,000	25,000	175,000
Less Revenues	0	0	0	0	0	0
Net City Share	25,000	25,000	25,000	25,000	25,000	175,000

Community Development

Waterfront Small Area Plan Implementation

Subsection: Neighborhood Planning

Estimated Useful Life of Improvement: N/A

Managing Department: Planning & Zoning/T & ES

Priority: Very Desirable

Supporting Department(s): Recreation & Parks

Strategic Plan Goal: 1 – Land Use & Economic Development

Project Category: 3

Location: Waterfront

Project Summary: This project provides funding (\$750,000 in FY 2013) for the initial design and engineering phases of implementation associated with the Alexandria Waterfront Small Area Plan approved by City Council in January 2012. 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 2016-17 is planned for bulkhead improvements at Windmill Hill Park, although the total project scope and cost estimates are very preliminary at this time. 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.

Early action items funded in the adopted Waterfront Small Area Plan include:

- (a) Design and Engineering for Flood Mitigation – Design and engineering of the King Street/Strand Flood Mitigation project, located in the unit block of King Street and adjacent portions of The Strand and Union Street, and design and engineering of a flood wall to be integrated into the landscape between Duke Street and Queen Street. The initial phase of flood mitigation design and engineering will be coordinated with or included in the preliminary design and engineering plan described in (b). Funding is provided for design and engineering only and estimated project construction and engineering costs are not yet funded in the ten-year CIP.
- (b) Waterfront Small Area Plan Preliminary Design and Engineering plan - The first phase of Waterfront Small Area Plan implementation is the preparation of a preliminary design and engineering plan (to 15% design) for Waterfront infrastructure and other capital investments in the public realm from Jones Point Park in the South to Daingerfield Island in the North. Initial focus will be in The Strand area from King to Duke Street. Tasks will include geotechnical and underwater investigation; preliminary engineering for grading of streets, pathways and park areas; preliminary design of parks and public space improvements; and a preliminary layout of flood mitigation elements, storm sewer improvements, utility relocation, and bulkhead replacements. The majority of these elements are interdependent, so preliminary design and engineering should encompass all of them together. A product of this work will be a construction phasing plan to establish how improvements can be made with minimal disruption to the defined Waterfront area, and a prioritization of capital expenditures. An estimate of total project costs will be available once the preliminary design process has been completed.

Changes from Prior Year: Funding in the amount of \$500,000 was accelerated from FY 2014 to FY 2013, providing a total of \$750,000 in FY 2013 for design of the King Street/Strand Street flood mitigation project and preliminary design and engineering (to 15%) for Waterfront infrastructure and capital investments.

Project History: 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.

Community Development

(Waterfront Small Area Plan Implementation continued)

Operating 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	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Total Expenditures	0	750,000	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	750,000	0	0	0	0

Waterfront Plan Implementation	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Total Expenditures	0	0	0	0	0	750,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	750,000

Community Development

Braddock Area Plan Implementation

Subsection: Neighborhood Planning
Managing Department: Planning & Zoning
Supporting Department(s): T & ES
Project Category: 3

Estimated Useful Life of Improvement: N/A
Priority: Desirable
Strategic Plan Goal: 1 – Land Use & Economic Development
Location: Braddock Metro Area

Project Summary: 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 open space and community amenities. Other potential improvements may include new street furniture, improved sidewalks, new plantings and other improvements. A total of \$405,000 over ten years (\$45,000/annually) is planned for this project. This funding represents the City's portion of costs, as developer contributions will also fund these projects in the Braddock Area Plan. Overall City investment in the Braddock Area Plan Implementation is likely to exceed the amount currently programmed amount and more detailed cost implications will be developed as specific projects are brought forward for consideration.

Three catalyst projects (Payne Street, Madison Street, and the first phase of Jaguar) are either underway or have indicated that they will move forward soon. City funding will be supplemented by developer contributions. In addition, prior City funding from the Open Space Fund will also be used to match developer contributions for a future park in this area. The City has pre-funded its open space commitment by purchasing the 600 N. Henry Street site for a future park.

Changes from Prior Year: Funding in the amount of \$45,000 is added for FY 2022.

Project History: A current unallocated balance of \$100,000 from prior fiscal years will be used for park design funds and a complete plan for the Braddock neighborhood streetscape.

Operating Impact: Additional operating impact will be determined based on specific infrastructure and amenity improvements added as part of the Braddock Metro Neighborhood and Braddock East plans.

Braddock Road Area Plan Implementation	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	100,000	45,000	45,000	45,000	45,000	45,000
Less Revenues	0	0	0	0	0	0
Net City Share	100,000	45,000	45,000	45,000	45,000	45,000

Braddock Road Area Plan Implementation	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	45,000	45,000	45,000	45,000	45,000	450,000
Less Revenues	0	0	0	0	0	0
Net City Share	45,000	45,000	45,000	45,000	45,000	450,000

Community Development

King Street Plan Implementation

Subsection: Neighborhood Planning

Estimated Useful Life of Improvement: N/A

Managing Department: Planning & Zoning

Priority: Desirable

Supporting Department(s): T & ES/Recreation & Parks

Strategic Plan Goal: 1 – Land Use & Economic Development

Project Category: 3

Location: King Street

Project Summary: This project will assist in the implementation of the King Street Retail Strategy. 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 2014 and coordinated with T & ES, Planning & Zoning and RPCA with implementation scheduled for FY 2017 - 2019.

Changes from Prior Year: No changes from prior year.

Operating Impact: Additional operating impact will be determined based on specific infrastructure and amenity improvements added as part of the King Street Plan implementation.

King Street Plan Implementation	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	150,000	0	0	250,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	150,000	0	0	250,000

King Street Plan Implementation	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	250,000	250,000	0	0	0	900,000
Less Revenues	0	0	0	0	0	0
Net City Share	250,000	250,000	0	0	0	900,000

Community Development

Landmark/Van Dorn Area Plan Implementation

Subsection: Neighborhood Planning
Managing Department: Planning & Zoning
Supporting Department(s): T & ES
Project Category: 3

Estimated Useful Life of Improvement: N/A
Priority: Desirable
Strategic Plan Goal: 1 – Land Use & Economic Development
Location: Landmark Mall Area

Project Summary: The Landmark/Van Dorn Corridor Plan was adopted by City Council in February 2009. This 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 many 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 by a combination of private and public funds. 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 for this CIP project as specific initiatives are identified and a multi-year plan is developed.

Changes from Prior Year: No changes from prior year.

Project History: 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, will be planning in 2012 a major 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.

Operating Impact: Additional operating impact will be determined based on specific infrastructure and amenity improvements added as part of the Landmark/Van Dorn Area Plan implementation.

Landmark/Van Dorn Area Plan Impl.	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Landmark/Van Dorn Area Plan Impl.	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	10,000	10,000

Community Development

Four Mile Run Stream Restoration

Subsection: Waterways Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): T&ES
Project Category: 2

Estimated Useful Life of Improvement: N/A
Priority: Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Four Mile Run

Project Summary: 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.

A total of \$1.536 million in State and Tribal Assistance Grant (STAG) awards and \$1.35 million in City funds, with Arlington County contributing approximately the same amount to complete funding for the project. FY 2013 will provide the final funding necessary for project completion.

The anticipated project schedule for the Four Mile Run Tidal Stream Demonstration project follows below. Because this is a tidal reach watershed system, scheduling is weather and riparian conditions dependent.

- March 2009 – March 2012: Design
- March 2012 – Submittal of design to EPA and VA DEQ for review
- January 2013 – May 2013 – Advertise and award construction bids
- June 2013 – April 2014 – Construction
- June 2014 – Submit final payment

Changes from Prior Year: Planned City funding was reduced from \$205,545 to \$171,443 and planned STAG funding from \$250,000 to \$231,500 after careful analysis was completed on allocated and unallocated funding to date for this project. Even with the reductions, the project is fully funded and the scope of work has not changed.

Project History: 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 project (referred to as the demonstration project).

Furthermore, the U.S. Army Corps of Engineers (USACE) is completing a stream feasibility study, which will enable additional restoration work from Mt. Vernon Avenue upstream. It is anticipated that federal water resource funding may become available once the Army Corps of Engineers completes its feasibility study. The Federal water resource funding could provide up to 65 percent of the cost of project elements that qualify for funding through the Army Corps of Engineers. However, federal budget constraints may reduce or eliminate this source of funding. At this time, no additional local funding has been identified for matching funds.

Operating Impact: Additional operating impact will be determined once the final scope of work has been approved, and an MOU with Arlington County has been established.

Four Mile Run Stream Restoration	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,094,042	402,963	0	0	0	0
Less Revenues	588,000	231,500	0	0	0	0
Net City Share	506,042	171,463	0	0	0	0

Four Mile Run Stream Restoration	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	402,963
Less Revenues	0	0	0	0	0	231,500
Net City Share	0	0	0	0	0	171,463

Community Development

Oronoco Outfall

Subsection: Waterways Maintenance & Improvements
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 25 years
Priority: Essential
Strategic Plan Goal: 2 – Health & Environment
Location: Waterfront

Project Summary: This project mitigates contamination at the Potomac River Oronoco Street Outfall, caused by coal tar contaminants from the former City (and then Washington Gas) owned Alexandria Gas Works that operated in the 19th and 20th centuries. Once discharge is eliminated, the impacted sediment in the Potomac River at the end of the Oronoco Street will need to be dredged and removed. The City has been accepted into the Virginia Voluntary Remediation Program for the site with the Virginia Department of Environmental Quality (VDEQ). The City is studying the extent of contamination and developing and implementing a remediation program to clean up the site. Washington Gas is working cooperatively with the City on this matter. The project has a total cost of \$3.135 million, of which \$935,000 has been approved in prior years and \$2.2 million is planned for FY 2013.

The current schedule is driven by an October 1, 2010 letter received from the Virginia Department of Environmental Quality. It is expected that the remedial system will be constructed by spring of 2013 and for the impacted sediment at the outfall to be removed by spring 2014.

Changes from Prior Year: No changes from prior year.

Project History: The preliminary site investigation was completed in FY 2001 and a Site Characterization/Risk Assessment and Remedial Alternative Screening Report was completed. The additional sampling needed for the risk analysis and remedial screening has been completed. The City performed extensive air monitoring in FY 2003 and FY 2004 and initiated short-term corrective actions in FY 2004. The final Site Characterization/Risk Assessment and Remedial Alternative Screening Report was submitted to VDEQ in FY 2004 and VDEQ reviewed and accepted the report. In FY 2006, VDEQ requested additional data be collected, which was completed in FY 2007. With VDEQ input, the City has developed a Corrective Action Plan (CAP) and is continuing its community outreach efforts. Implementation of the CAP began in FY 2004 with the installation of the free product recovery system.

Work involving relining the storm sewer was completed in FY 2007. As a result of the success of the relining, the City completed a laboratory bioremediation study in FY 2008 and a field biosparaging pilot study in FY 2009 to determine if in-situ remediation could be utilized to prevent migration outside the storm pipe. Due to the positive results from these studies, the City is currently in the design phase of a biosparaging remedial system. In addition to the activities above, at the end of FY 2009 the existing sump area was rehabilitated in conjunction with a hydraulic assessment. The environmental consultant continues to recover free product collected in the sump and in the wells adjacent to the Oronoco Street storm sewer pipe. The City received additional funding from a settlement with Washington Gas Light Company, totaling \$926,505, which has been used to fund clean-up, monitoring, and maintenance costs.

Operating Impact: Additional operating costs of \$125,000 for the biosparaging system are approximately \$125,000 annually and were included in the FY 2012 operating budget. Once the project is completed, there will be no additional operating impact.

Oronoco Outfall	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	85,000	2,200,000	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	85,000	2,200,000	0	0	0	0

Oronoco Outfall	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	2,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	2,200,000

Community Development

City Marina Waterfront Dredging

Subsection: Waterways Maintenance & Improvements
Managing Department: T & ES
Supporting Department(s): Recreation & Parks
Project Category: 2

Estimated Useful Life of Improvement: 5 years
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Waterfront

Project Summary: 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. 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 year prior.

Changes from Prior Year: No changes from prior year.

Project History: In addition to the \$450,000 that was budgeted in FY 2008, \$575,000 was reprogrammed into this project in order to complete dredging of City-owned slips. An additional \$1.428 million was appropriated in FY 2008 for this project to include dredging of the T-head pier area to accommodate cruise and mid-sized tall ships. Additional dredging was completed in FY 2008 in order to coincide with the opening of the National Harbor in Maryland. This dredging allowed for the docking of water taxis coming from the National Harbor and other large ships, which brings additional visitors to the downtown area.

Operating Impact: This project enables maximized use of the City Marina, which in turn maximizes the revenue generating capabilities of the Marina.

City Marina Waterfront Dredging	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	550,000	2,550,000	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	550,000	2,550,000	0	0

City Marina Waterfront Dredging	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	100,000	3,000,000	0	0	6,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	100,000	3,000,000	0	0	6,200,000

Community Development

Environmental Restoration

Subsection: Waterways Maintenance & Improvements
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 25 years
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: This program provides for various projects within the City that will enhance local water quality and eventually the water quality of the Chesapeake Bay. Projects that may be included under this program include stream restorations; water quality improvement structures; wetland enhancements; riparian buffer plantings; green roofs on City buildings if found to be feasible; invasive species removal and identification of potential environmental enhancement project locations. In an effort to maximize the benefits of the program, the monies budgeted under this program may be used as matching funds to obtain additional grant funding from various State and Federal programs. A total of \$884,000 over ten years is planned for this project.

These projects are being implemented based on their benefits to water quality. The City's Environmental Management Ordinance (C-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.

Changes from Prior Year: Funding in the amount of \$150,000 is added for FY 2022.

Project History: The City conducted a stream assessment project as part of this program that was completed in early FY 2006. The assessment identified and prioritized restoration opportunities in and along City streams. Funds from this account were also used as matching funds for a grant that enabled the City to retrofit a green roof at the Health Department and City Hall buildings. Other projects where these funds have been utilized include buffer enhancements adjacent to the Holmes Run Trail, and \$400,000 in allocated and unallocated project balance is budgeted for planned stream restoration as part of Chambliss Stream Crossing/Restoration project. The project is currently designed and scheduled to go to construction in 2013.

Operating Impact: No additional operating impact.

Environmental Restoration	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	388,750	0	134,000	0	150,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	388,750	0	134,000	0	150,000	0

Environmental Restoration	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	150,000	0	150,000	150,000	150,000	884,000
Less Revenues	0	0	0	0	0	0
Net City Share	150,000	0	150,000	150,000	150,000	884,000

Community Development

Woodrow Wilson Bridge Project

Subsection: Woodrow Wilson Bridge Project

Managing Department: T & ES

Supporting Department(s): Recreation & Parks

Project Category: 3

Estimated Useful Life of Improvement: 40 years

Priority: Desirable

Strategic Plan Goal: No Goal Assigned

Location: Multiple Locations

Project Summary: 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 deck, conditioned upon the receipt of alternative mitigation. FHWA has agreed to the modifications as approved by the City, including the acquisition and construction of new active outdoor recreation facilities, enhancements to Freedmen's Cemetery. Funding for these modifications will be provided entirely by FHWA and administered by VDOT. The City has completed land acquisition of the three parcels, which are part of this project. As construction has moved forward with the Recreation and Freedmen's Cemetery projects and more detailed construction cost information is available, funding within the settlement agreement has been reallocated among the elements of the agreement to reflect these costs. Due to economic conditions, the construction bids received for the Recreation project were less than the budgeted funds. Therefore, funding was reprogrammed from the Recreation project to cover additional costs for the Freedmen's Cemetery project. Funding was also reprogrammed to the Streetscape element. \$16,467,314 remains unallocated for the remaining elements of these projects.

Changes from Prior Year: Funding has been reallocated among the projects to reflect updated construction cost estimates. The total funding in this project has not changed.

Project Details (with total project costs):

Recreation (\$20,571,444): The recreational outdoor facilities will be located at a to-be-named 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 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 will be completed in 2012. This funding includes purchase of the equipment element of the project. The purchase of the equipment was included in the construction contract for the Recreation project.

Equipment (\$0): Funding will be provided by FHWA and VDOT for the City's first time purchase of equipment and maintenance of the new recreation fields to be constructed on the Witter Recreational Field. The purchase of this equipment will occur with the construction of the fields. The funding has been shifted to the Recreation project to reflect the inclusion in that construction contract.

Contraband and Freedmen's Cemetery Enhancements (\$11,104,956): The two improved commercial properties on the site of the Contraband and Freedmen's Cemetery were acquired and will be enhanced to complement the features outlined in the Agreement, including a fitting 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 will begin in 2012 and will be completed in 2013.

Streetscape Improvements (\$2,223,600): The City's objective for this project is to provide a uniform streetscape along the George Washington Memorial Parkway. This streetscape will extend from the Urban Deck (over I-495) 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 begin in mid-2012 and be completed by the end of 2012.

Operating Impact: Additional operating impact of approximately \$156,000 is included in the FY 2013 Recreation & Parks Proposed Operating Budget for operations and maintenance at Witter Recreational Fields.

Community Development

(Woodrow Wilson Bridge Project continued)

Wilson Bridge Project	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	16,467,314	0	0	0	0	0
Less Revenues	16,467,314	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Wilson Bridge Project	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

RECREATION & PARKS

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Recreation & Parks

Recreation & Parks Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Park Maintenance and Improvements												
Restaurant Depot Contribution Projects	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADA Requirements	83,000	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	150,000	75,000	225,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Park Renovations CFMP	231,000	313,000	338,000	338,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	3,855,000
Playground Renovations	0	300,000	700,000	850,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	6,250,000
Tree & Shrub Capital Maintenance	166,000	226,000	226,000	226,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	2,860,000
Soft Surface Trails	0	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	120,000	660,000
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,280,000
Pavement Improvements at Parks	0	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000
Athletic Field Restrooms	0	0	0	200,000	250,000	0	0	0	0	0	0	450,000
Windmill Hill Park	784,953	0	0	0	300,000	3,700,000	0	0	0	0	0	4,000,000
Athletic Field Improvements (incl. Synthetic Turf)	0	0	0	0	0	2,500,000	2,500,000	2,500,000	2,500,000	0	0	10,000,000
Recreation Facility Maintenance												
City Marina Maintenance	55,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
Public Pools	13,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Center CFMP	0	620,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,120,000
Renovated or New Recreation Facilities												
Chinquapin Aquatics Center	0	1,440,000	0	0	0	1,000,000	2,000,000	2,000,000	0	0	0	6,440,000
Miracle Field	0	420,000	0	0	0	0	0	0	0	0	0	420,000
Patrick Henry Recreation Center	0	0	0	610,000	5,490,000	0	0	0	0	0	0	6,100,000
City Marina Seawalls	0	0	0	0	200,000	1,500,000	0	0	0	0	0	1,700,000
City Marina Utility Upgrades	0	0	0	0	250,000	1,000,000	0	0	0	0	0	1,250,000
City Median Conversions/Renovations	0	0	0	0	0	400,000	400,000	0	0	0	0	800,000
Spray Parks	0	0	0	0	0	0	0	2,000,000	1,000,000	0	0	3,000,000
Open Space Acquisition and Development												
Open Space Acquisition and Develop.	5,721,846	1,000,000	0	0	800,000	1,500,000	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	19,650,000
Recreation & Parks Total	\$7,704,799	\$4,753,000	\$2,598,000	\$3,483,000	\$9,863,000	\$14,023,000	\$8,823,000	\$12,123,000	\$10,173,000	\$6,673,000	\$6,783,000	\$79,295,000
Less Total Non-City Revenue	\$500,000	\$135,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135,000
Total Net City Costs	\$7,204,799	\$4,618,000	\$2,598,000	\$3,483,000	\$9,863,000	\$14,023,000	\$8,823,000	\$12,123,000	\$10,173,000	\$6,673,000	\$6,783,000	\$79,160,000

Recreation & Parks

Park Improvements Funded by the Restaurant Depot Contribution

Subsection: Park Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 7-20 years
Priority: Desirable
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Cameron Station Area

Project Summary: This project provides for the use of funds anticipated under provision of Restaurant Depot DSUP #2009-0003, Condition #4 as amended by Planning Commission and approved by City Council in September, 2009. Condition #4 was amended to state:

"The applicant shall provide a voluntary contribution of \$500,000 to be allocated towards priority public parks, trails and/or recreation capital projects in, or adjacent to, the Eisenhower Valley. The specific projects to be funded will be determined during the Fiscal Year 2011 to Fiscal Year 2016 Capital Improvement Program decision making process. The contribution shall be provided to the City prior to the issuance of the Certificate of Occupancy."

Application of the above conditions provides the following priority for public parks, trails and/or recreation capital projects are recommended:

Project	Description	Estimated Cost
Armistead L. Boothe Park Playground Renovation	This is a large playground site that is cited as High Priority for renovation. Without additional resources, work at this site will likely preclude work on other High Priority playground sites.	\$300,000
Ben Brenman Park Pedestrian Trail Improv.	Modest renovation of damaged areas and portions not in ADA dimensional compliance.	\$25,000
Joseph Hensley Park Festival Event Area	Renovate the existing site to provide additional infrastructure capable of supporting large private/public events. Infrastructure needs include site utilities such as upgraded water and electric service, parking efficiencies, shade plantings, and directional/use signs. This work will enhance opportunity for special events while reducing pressure on other City facilities.	\$100,000
Joseph Hensley Park Large Event Shelter	In coordination with the Festival Event Area provide a large open air shelter. This project will help relieve use pressure on other Citywide reserve sites.	\$75,000

Changes from Prior Year: No changes from prior year.

Project History: Project is on hold as the City waits for the developer bond release, at which time the City will receive the funding required for this project.

Operating Impact: No additional operating impact is expected at this time.

Restaurant Depot Contribution	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	500,000	0	0	0	0	0
Less Revenues	500,000	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Restaurant Depot Contribution	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Recreation & Parks

ADA Requirements

Subsection: Park Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 25 years
Priority: Essential
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Citywide

Project Summary: This project provides funding to meet Federal ADA requirements such as providing ADA accessible park facilities. Consistent with Federal regulations, new playgrounds, renovations to existing playgrounds, and park buildings, such as restrooms, must be made compliant when built or renovated. When park facilities are renovated, ADA compliance for items such as picnic tables, benches and drinking fountains, and benches must be included. A total of \$290,000 over ten years (\$29,000/annually) is programmed to help meet these requirements at new and renovated play areas. FY 2012 funding is currently being used to support an ADA study of all park facilities. This study will identify park facilities with the highest ADA needs and provide guidance on spending priorities. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
ADA Improvement Prioritization Study	\$ 5,000
Emergency Repairs and Retrofits	\$ 5,000
Improvements Identified in the ADA Prioritization Study	\$ 19,000
Total Fiscal Year 2013	\$ 29,000

Fiscal Year 2014	
Description	Amount
ADA Ramp to Chinguapin Pavilion	\$ 25,000
Improvements Identified in the ADA Prioritization Study	\$ 4,000
Total Fiscal Year 2014	\$ 29,000

Fiscal Year 2015	
Description	Amount
Improvements Identified in the ADA Prioritization Study	\$ 29,000
Total Fiscal Year 2015	\$ 29,000

Changes from Prior Year: Funding in the amount of \$29,000 is added for FY 2022.

Project History: Funding for this project was first included in the FY 2000 - FY 2005 CIP in response to the United States Access Board's regulations for playground accessibility. FY 2009 funding was used to modify the Fort Ward Park restrooms to meet ADA requirements and to provide an ADA accessible path to the Goat Hill playground. FY 2010 funding provided ADA playground access at Landover Park. Subsequent funding has been used to provide ADA compliant tables, slabs and access at City park facilities.

Additional Operating Impact: No additional operating impact.

ADA Requirements	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	83,000	29,000	29,000	29,000	29,000	29,000
Less Revenues	0	0	0	0	0	0
Net City Share	83,000	29,000	29,000	29,000	29,000	29,000

ADA Requirements	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	29,000	29,000	29,000	29,000	29,000	290,000
Less Revenues	0	0	0	0	0	0
Net City Share	29,000	29,000	29,000	29,000	29,000	290,000

Recreation & Parks

Ball Court Renovations

Subsection: Park Maintenance and Improvements
 Managing Department: Recreation & Parks
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: 15 years
 Priority: Essential
 Strategic Plan Goal: 4 – Children, Youth, & Families
 Location: Citywide

Project Summary: The City is responsible for the upkeep of 36 tennis courts and 19 basketball courts throughout the City. 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 and neighborhood private schools. These 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. A total of \$1.5 million over ten years is planned in the FY 2013 – FY 2022 CIP. The prioritized schedule below has been prepared by staff after an on-site condition assessment of all courts, conducted in fall 2011. 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. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Ewald Park Court Light Replacement	\$ 70,000
Court Lighting Structural/Component Replacement and Repair	\$ 5,000
Total Fiscal Year 2013	\$ 75,000
Fiscal Year 2014	
Description	Amount
Eugene Simpson Stadium Park Basketball Court Resurfacing	\$ 30,000
Hooffs Run Park and Greenway Tennis Court Resurfacing	\$ 44,000
Mount Jefferson Park and Greenway Court Resurfacing	\$ 22,000
Stevenson Park Basketball Court Resurfacing	\$ 22,000
Armistead L. Boothe Park Basketball and Tennis Court Renovation	\$ 35,000
Hunter-Miller Park Basketball Court Renovation	\$ 27,000
George Mason Park Tennis Court Renovation	\$ 36,000
Court Lighting Structural/Component Replacement and Repair	\$ 9,000
Total Fiscal Year 2014	\$ 225,000
Fiscal Year 2015	
Description	Amount
Mount Vernon Recreation Center Exterior Basketball Court	\$ 70,000
Minnie Howard Field Basketball Court Resurfacing	\$ 20,000
Buchanan Park Basketball Court Renovation	\$ 32,000
Court Lighting Structural/Component Replacement and Repair	\$ 28,000
Total Fiscal Year 2015	\$ 150,000

Changes from Prior Year: Funding in the amount of \$150,000 is added for FY 2022.

Project History: FY 2010 funding was used to refurbish the fence enclosure, provide and install new net posts/nets, and resurface the two tennis courts at Carlyle, and replace the Lee Center basketball court lights. FY 2011 funding was used to replace the Montgomery Park court lights, and resurface the basketball court at Hooff's Run.

Operating Impact: No additional operating impact.

Recreation & Parks

(Ball Court Renovations continued)

Ball Court Renovations	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	150,000	75,000	225,000	150,000	150,000	150,000
Less Revenues	0	0	0	0	0	0
Net City Share	150,000	75,000	225,000	150,000	150,000	150,000

Ball Court Renovations	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	150,000	150,000	150,000	150,000	150,000	1,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	150,000	150,000	150,000	150,000	150,000	1,500,000

Recreation & Parks

Park Renovations Capital Facilities Maintenance Program (CFMP)

Subsection: Park Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 10 years
Priority: Essential
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Citywide

Project Summary: This project provides an annual funding stream to address the capital maintenance needs at the City's park facilities. The following list of FY 2013 - FY2015 projects 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. 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. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Stevenson Park Shelter Improvements	\$ 15,000
Ben Brenman Park Pavilion Component Upgrades	\$ 5,000
Beverley Park Shelter Improvements	\$ 25,000
Armistead L. Boothe Park Shelter Replacement	\$ 35,000
Technical Assistance in park utilities/upgrades	\$ 5,000
Eugene Simpson Stadium Park Baseball Field Athletic Lighting Replacement	\$ 200,000
Emergency Replacement, Miscellaneous and Special Citizen Request Projects	\$ 28,000
Total Fiscal Year 2013	\$ 313,000
Fiscal Year 2014	
Description	Amount
Park Regulation Signage Replacement	\$ 22,000
George Washington Middle School Field Fence Replacement	\$ 30,000
Joseph Hensley Field #1 Ball Field Netting	\$ 8,000
Ben Brenman Park Athletic Field Walkways	\$ 7,000
Beverley Park Erosion Control	\$ 15,000
Eugene Simpson Stadium Park Little League Building Replacement	\$ 61,400
Eugene Simpson Stadium Park Little League Backstop and Fence Replacement	\$ 30,000
Park Furniture Replacement	\$ 95,000
Joseph Hensley Field #3 Backstop Replacement	\$ 7,000
Emergency Replacement, Miscellaneous and Special Citizen Request Projects	\$ 62,600
Total Fiscal Year 2014	\$ 338,000
Fiscal Year 2015	
Description	Amount
Park Furniture Replacement	\$ 73,000
Ben Brenman Park Muster Room Water Connection	\$ 5,000
Oronoco Bay Park Observation Deck (South)	\$ 10,000
Hooffs Run Park and Greenway Dog Area	\$ 17,000
Braddock Road and Commonwealth Avenue Dog Area	\$ 30,000
Windmill Hill Park Dog Area	\$ 10,000
Four Mile Run Park Furniture and Signage (ASA site)	\$ 20,000
Four Mile Run Park Field #2 Regrading and Drainage Project	\$ 90,000
Beach Park Amphitheater Renovation	\$ 20,400
Emergency Replacement, Miscellaneous and Special Citizen Request Projects	\$ 62,600
Total Fiscal Year 2015	\$ 338,000

Recreation & Parks

(Park Renovations CFMP continued)

Changes from Prior Year: Beginning FY 2017, an additional \$100,000 annually is added to the budget account for additional recreational facilities coming online in the City in FY 2013 and FY 2014. Funding in the amount of \$438,000 is added for FY 2022.

Project History: Renovation work at the City's Park facilities is prioritized annually according to an evaluation and analysis of the community needs and facility conditions. Example of projects completed, contracted, or planned in FY 2012 include furniture replacement throughout the City park system and the Ben Brenman Press Box and Dugouts

Operating Impact: No additional operating costs are anticipated. Rather with improved and more efficient park amenities it is assumed that operating costs will decrease. The operational savings depend on the amenities improved at each park site.

Park Renovations CFMP	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	231,000	313,000	338,000	338,000	338,000	338,000
Less Revenues	0	0	0	0	0	0
Net City Share	231,000	313,000	338,000	338,000	338,000	338,000

Park Renovations CFMP	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	438,000	438,000	438,000	438,000	438,000	3,855,000
Less Revenues	0	0	0	0	0	0
Net City Share	438,000	438,000	438,000	438,000	438,000	3,855,000

Recreation & Parks

Playground Renovations Capital Facilities Maintenance Program (CFMP)

Subsection: Park Maintenance & Improvements

Estimated Useful Life of Improvement: 7 years

Managing Department: Recreation & Parks

Priority: Essential

Supporting Department(s): N/A

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

Project Category: 1

Location: Citywide

Project Summary: This program will replace or repair deteriorating play equipment and provide small-scale enhancements in parks and playgrounds throughout the City. The annual budget for playground renovations includes funding to ensure that the surface area of each of the City's 36 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. The projected schedule through FY 2015 is provided below. Five percent (5%) of each year's funding is reserved for citywide emergency playground repairs. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Hoofs Run Park and Greenway Playground Renovation	\$ 285,000
Miscellaneous Playground Repairs	\$ 15,000
Total Fiscal Year 2013	\$ 300,000
Fiscal Year 2014	
Description	Amount
Chinquapin Park Playground Renovation	\$ 235,000
Beverly Park Playground Renovation	\$ 430,000
Miscellaneous Playground Repairs	\$ 35,000
Total Fiscal Year 2014	\$ 700,000
Fiscal Year 2015	
Description	Amount
Sunset Park Playground Renovation	\$ 139,000
Lynhaven Park Playground Renovation	\$ 440,000
Four Mile Run Park Playground Renovation	\$ 228,500
Miscellaneous Playground Repairs	\$ 42,500
Total Fiscal Year 2015	\$ 850,000

Changes from Prior Year: Funding in the amount of \$700,000 is added for FY 2022.

Project History: Completed renovations in FY 2012 include Mt. Jefferson Park and Armistead L. Boothe Park. Completed playground repairs include Eugene Simpson Stadium Park, Four Mile Park, Ewald Park, Montgomery Park, Brookvalley Park, Sunset Mini Park, and Buchanan Park.

Operating Impact: Installation of new playground safety surfaces requires for "impact safety" reviews every five years. Additional operating costs to account for this safety testing will need to be included in the annual operating budget beginning FY 2018. Depending on the amount and level of testing to be completed, additional operating costs could range from \$5,000 - \$100,000.

Playground Renovations	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	300,000	700,000	850,000	750,000	500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	300,000	700,000	850,000	750,000	500,000
Playground Renovations	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	550,000	600,000	650,000	650,000	700,000	6,250,000
Less Revenues	0	0	0	0	0	0
Net City Share	550,000	600,000	650,000	650,000	700,000	6,250,000

Recreation & Parks

Tree and Shrub Capital Maintenance

Subsection: Parks & Maintenance Improvements **Estimated Useful Life of Improvement:** 20 years (absent storm damage)
Managing Department: Recreation & Parks **Priority:** Essential
Supporting Department(s): N/A **Strategic Plan Goal:** 2 – Health & Environment
Project Category: 1 **Location:** Citywide

Project Summary: The funding is programmed 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 450 replacement and new trees in City parks and open spaces, and at public facilities in FY 2013. The average installed cost per tree is \$250.

Fiscal Year 2013	
Description	Amount
Plant 452 trees along City rights of way, in parks and at public facilities	\$ 113,000
Renovation and enhancement of City horticultural sites	\$ 113,000
Total Fiscal Year 2013	\$ 226,000
Fiscal Year 2014	
Description	Amount
Plant 452 trees along City rights of way, in parks and at public facilities	\$ 113,000
Renovation and enhancement of City horticultural sites	\$ 113,000
Total Fiscal Year 2014	\$ 226,000
Fiscal Year 2015	
Description	Amount
Plant 452 trees along City rights of way, in parks and at public facilities	\$ 113,000
Renovation and enhancement of City horticultural sites	\$ 113,000
Total Fiscal Year 2015	\$ 226,000

Changes from Prior Year: Planned increases to \$251,000 in FY 2013, \$276,000 in FY 2014, and \$301,000 in FY 2015 are reduced back to \$226,000 based on available funding resources. Funding in the amount of \$326,000 is added for FY 2022.

Project History: In September 2009, the City's Urban Forestry Master Plan was approved by City Council. The Plan recommends adoption of American Forest's suggested goal of 40% tree canopy cover (Recommendation 1). It identifies planting trees as an integral part of sustaining and expanding the City's tree canopy (Recommendation 3). The Plan further recommends planting an additional 400 trees annually in addition to above the current rate of yearly planting, which is currently unfunded in the CIP. The FY 2013 CIP funding provides for the planting of approximately 450 trees along City streets, in parks and open spaces and at public facilities. Implementation of the Urban Forestry Master Plan is recommended in Goal 2 of the City Council Strategic Plan, June 2010. The project is intended to increase the City's tree canopy, and enhance the City's visual and environmental quality.

Operating Impact: Maintenance and watering of the new trees will be carried out by the Horticulture Division of Recreation & Parks within the existing operating budget. When this program expands in FY 2017, additional resources including a full-time position, equipment and increased utility costs will need to be added to the operating budget.

Recreation & Parks

(Tree and Shrub Capital Maintenance continued)

Tree & Shrub Capital Maint.	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	166,000	226,000	226,000	226,000	226,000	326,000
Less Revenues	0	0	0	0	0	0
Net City Share	166,000	226,000	226,000	226,000	226,000	326,000

Tree & Shrub Capital Maint.	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	326,000	326,000	326,000	326,000	326,000	2,860,000
Less Revenues	0	0	0	0	0	0
Net City Share	326,000	326,000	326,000	326,000	326,000	2,860,000

Recreation & Parks

Soft Surface Trails (previously called Bike Trails)

Subsection: Park Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): T&ES
Project Category: 1

Estimated Useful Life: 20 years
Priority: Essential
Strategic Plan Goal: 3 - Transportation
Location: Citywide

Project Summary: This project provides for construction and improvements to the soft surface parks trail/path system in the City. FY 2013 funding will be applied to repairing soft trails with erosion issues, including the soft trails along the Waterfront and in nature areas. Staff is currently working to identify ecologically-friendly types of pervious surface materials that are less prone to erosion than current pathway materials. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Trail Amenities	\$ 8,000
Forest Park Trail Improvements	\$ 15,000
Waterfront Park Timbers	\$ 7,000
Dora Kelly Nature Park and Holmes Run Trail Improvements	\$ 30,000
Total Fiscal Year 2013	\$ 60,000

Fiscal Year 2014	
Description	Amount
Monticello Park Trail Improvements	\$ 10,000
Waterfront Park Trail Improvements	\$ 5,000
Robert Leider Park Trail Improvements	\$ 15,000
Goat Hill Park Access Improvements	\$ 30,000
Total Fiscal Year 2014	\$ 60,000

Fiscal Year 2015	
Description	Amount
Waterfront Park Trail Improvements	\$ 10,000
Four Mile Run Near-Stream Trail Improvements	\$ 40,000
Potomac Greens Park Trail Improvements	\$ 10,000
Total Fiscal Year 2015	\$ 60,000

Changes from Prior Year: Funding in the amount of \$120,000 is added for FY 2022

Project History: FY 2011 funding was used for the replacement of the Forest Bridge Park Bridge. FY 2012 and prior years available funding has been programmed to repair the waterfront parks soft surface trails which received significant damage from past winter snow removal operations and flooding; staff is currently working on a scope of work and qualifying new vendors.

Operating Impact: No additional operating impact

Soft Surface Trails	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	60,000	60,000	60,000	60,000	60,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	60,000	60,000	60,000	60,000	60,000

Soft Surface Trails	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	60,000	60,000	60,000	60,000	120,000	660,000
Less Revenues	0	0	0	0	0	0
Net City Share	60,000	60,000	60,000	60,000	120,000	660,000

Recreation & Parks

Water Management and Irrigation (previously called Irrigation Projects)

Subsection: Park Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 7-10 years
Priority: Essential
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Citywide

Project Summary: 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 automatic irrigation controllers provides more efficient irrigation systems and allows the systems 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. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Complete Phase I of the Irrigation Systems Inventory and Audit for transfer to remote operating controls	\$ 10,000
Complete Phase I of the Irrigation Systems Data Verification for remote operating controls	\$ 10,000
Upgrade central communication connections to satellite control	\$ 8,000
Complete required calibration of the weather station	\$ 2,000
Standardize irrigation components and materials	\$ 18,000
Convert isolated sites to remote control systems	\$ 20,000
Complete irrigation systems at Waterfront Parks including planting beds	\$ 20,000
Complete irrigation system at Potomac Avenue in Potomac Yard	\$ 10,000
System renovation at Ben Brenman Park	\$ 20,000
System renovation at Boothe Park Playground	\$ 10,000
Total Fiscal Year 2013	\$ 128,000
Fiscal Year 2014	
Description	Amount
Complete Phase II of the Irrigation Systems Inventory and Audit for transfer to remote operating controls	\$ 10,000
Complete Phase II of the Irrigation Systems Data Verification for remote operating controls	\$ 10,000
Renovate systems as identified in Phase I of the Irrigation Systems 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 Irrigation Systems Inventory and Audit for transfer to remote operating controls	\$ 10,000
Complete Phase III of the Irrigation Systems Data Verification for remote operating controls	\$ 10,000
Renovate systems as identified in Phase II of the Irrigation Systems 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

Changes from Prior Year: Funding in the amount of \$128,000 is added for FY 2022.

Project History: FY 2009 irrigation projects were completed at Market Square, a section of Windmill Hill Park, Four Mile Run, Lee Center (phase I), Fort Ward (phase I), and Ben Brenman (phase II). Irrigation projects completed in FY 2010 & FY 2011 include Montgomery Park, Waterfront Park, Four Mile Run (field 3), Landover Park, Mason Tot Lot, Hensley (fields 2 & 3), and replacement of sprinkler heads at Chinguapin Park and open space properties. General system upgrades (antenna, sprinkler heads, controller boxes, etc.) have been completed at various sites. FY 2012 planned projects include the completion of Windmill Hill Park and Founders Park system renovations.

Recreation & Parks

(Water Management and Irrigation continued)

Operating Impact: No additional operating impact

Water Mgmt. & Irrigation	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	128,000	128,000	128,000	128,000	128,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	128,000	128,000	128,000	128,000	128,000

Water Mgmt. & Irrigation	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	128,000	128,000	128,000	128,000	128,000	1,280,000
Less Revenues	0	0	0	0	0	0
Net City Share	128,000	128,000	128,000	128,000	128,000	1,280,000

Recreation & Parks

Pavement Improvements in Parks

Subsection: Park Maintenance & Improvements
Managing Department: T & ES
Supporting Department(s): Recreation & Parks
Project Category: 2

Estimated Useful Life of Improvement: 20 years
Priority: Highly Desirable
Strategic Plan Goal: 5 – Financial Sustainability
Location: Citywide

Project Summary: The condition of pavement in many of the City's parks is very poor based on staff inspections. There is the potential for some road sections to fail, potentially requiring more expensive repairs and major rehabilitation. In general, RPCA parking areas and access points have many areas of instability, marked evidence of structural deficiency, and large crack patterns with deformation are very noticeable. T&ES staff has currently identified 19 parks with roads, parking lots or asphalt surfaces that require maintenance. A proposed pavement management system review in early 2012 will help prioritize areas in greatest need. The current location in the most serious state of disrepair is Chinguapin Park and Aquatic Center, which also includes the park loop and extensive curb/gutter repairs. Continued deferral of maintenance on park roads and parking lots will eventually require full-depth repair and complete reconstruction, which is far more expensive.

Priority projects (in priority order) include Chinguapin loop road and parking lots, Fort Ward loop road and parking lots, Ben Brenman Park, and Hensley Park. A total of \$2.25 million is planned from FY 2014 – 2022 for this project.

Changes from Prior Year: In the Approved FY 2012 – 2021 CIP, \$3.0 million was planned in FY 2017-2018. Because of the need to address priority projects sooner, an annual funding stream of \$250,000 is programmed for these improvements, with funding scheduled to begin in FY 2014.

Operating Impact: No additional operating impact.

Pavement Improvements at Parks	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	250,000	250,000	250,000	250,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	250,000	250,000	250,000	250,000

Pavement Improvements at Parks	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	250,000	250,000	250,000	250,000	250,000	2,250,000
Less Revenues	0	0	0	0	0	0
Net City Share	250,000	250,000	250,000	250,000	250,000	2,250,000

Recreation & Parks

Athletic Field Restrooms

Subsection: Park Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): General Services
Project Category: 2

Estimated Useful Life of Improvement: 20 years
Priority: Highly Desirable
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Citywide

Project Summary: 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. The prefabricated restrooms will be ADA compliant and will reduce long term maintenance of existing facilities. Project costs are based on similar DC Metropolitan area park and recreation projects with similar scopes of work. This project is planned for FY 2015 (\$200,000) and FY 2016 (\$250,000). Planned projects include renovating the existing restroom facility at Armistead L. Boothe and demolition and replacement of the existing restroom facility at Minnie Howard Field.

Changes from Prior Year: No changes from prior year.

Operating Impact: It is anticipated that there will be operational savings on the renovation of existing restrooms as they will be designed to be more energy efficient.

Athletic Field Restrooms	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	200,000	250,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	200,000	250,000	0

Athletic Field Restrooms	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	450,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	450,000

Recreation & Parks

Windmill Hill Park

Subsection: Park Maintenance & Improvements
Managing Department: Recreation & Parks
Supporting Department(s): TE&S
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 4 – Children, Youth & Families
Location: Waterfront

Project Summary: This project consists of renovation and construction work on the existing bulkhead at Windmill Hill Park. The renovation work on 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, 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 ft. The area is subject to tidal currents and the cove has no protection from waves and flotsam. 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 bulkhead was inspected by external consulting engineers in January 2009, who rated it in "critical" condition with vertical and horizontal movement of structural components. The bulkhead was noted as a significant safety hazard to the public (RK&K 2009) and has since been identified with warning signs. The project is related to the Waterfront Plan approved by City Council in January 2012.

This project would counteract some of the current deterioration occurring along the shoreline. The project plan calls for the least amount of disturbance by performing the work as quickly as possible and creating the least amount of carry-over problems. The project will be designed to meet resident expectations for durability and aesthetics.

In January 2011, the City was notified that its grant application from the Army Corps of Engineers 510 program was not accepted. A total of \$4.0 million is planned over FY 2016 – 2017. That funding will be combined with the project balance of \$572,000 and \$784,953 in unallocated funds to provide an approximately \$5.3 million total project budget. Without additional grant funding likely, the project scope is currently being revised to prioritize work needed to address essential public safety problems as well as consideration of other planned improvements throughout the park consistent with the adopted Windmill Hill Park Plan.

Changes from Prior Year: No changes from prior year.

Project History: The design for renovation and enhancements of Windmill Hill Park was completed in FY 2002. A total of \$1.3 million has been allocated in previous years for the design of the bulkhead renovation.

Operating Impact: No additional operating impact.

Windmill Hill Park Bulkhead	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	784,953	0	0	0	300,000	3,700,000
Less Revenues	0	0	0	0	0	0
Net City Share	784,953	0	0	0	300,000	3,700,000

Windmill Hill Park Bulkhead	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	4,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	4,000,000

Recreation & Parks

Athletic Field Improvements (Including Synthetic Turf Fields)

Subsection: Park Maintenance & Improvements **Estimated Useful Life of Improvement:** 10 years (depending on use)
Managing Department: Recreation & Parks **Priority:** Desirable
Supporting Department(s): N/A **Strategic Plan Goal:** 4 - Children, Youth, & Families
Project Category: 3 **Location:** Citywide

Project Summary: 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 replacement of field features, such as backstops, fencing, and lighting. As identified in the Athletic Field Strategy Study approved by City Council in 2009, Alexandria is facing pressures to increase the number of playfields, given its increasingly active and growing population. Identifying sites and constructing new fields is challenging because of limited land availability. Improving the quality of existing fields is critical to mitigating the challenges of new field construction.

As proven with the recently converted synthetic turf fields at Minnie Howard, Fort Ward, and Ben Brenman, athletic fields with a synthetic turf surface are more beneficial to the City of Alexandria than natural grass surfaces for several reasons. Unlike natural fields, the synthetic material is all-weather, it can be played on after rains, and it will not require “resting” between uses for recovery from wet conditions or turf regeneration. Operating expenses for synthetic fields are over 25% lower than natural turf fields, as demonstrated in the 2009 Field Strategy Study. It can be anticipated that existing synthetic turf fields will reach their life expectancy and require turf replacement beginning in FY 2016. In FY 2017 through FY 2020 the majority of the Athletic Field Renovation program will be dedicated to resources necessary for replacement of synthetic turf surfaces. The Minnie Howard synthetic turf will be replaced in FY 2017 followed by Fort Ward in FY 2018. The current cost to replace the synthetic turf on a full size regulation synthetic field is \$500,000 (based on existing Fort Ward field surface product). A small percentage of the funding will be used each year to address minor field improvements on both natural and synthetic turf fields to improve and maintain quality facilities.

Changes from Prior Year: No changes from prior year.

Project History: The City last completed an installation of an artificial turf field and field lights at the Ben Brenman soccer field in fall 2010 and expected replacement will be needed in 2020.

Operating Impact: Operational savings are achieved by the reduced materials and labor needs of the synthetic surface. Annual operating expense reductions of 35% are anticipated. Utility cost increases or cost savings are determined on a case-by-case basis depending on existing services.

Athletic Field Improvements	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	2,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	2,500,000

Athletic Field Improvements	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	2,500,000	2,500,000	2,500,000	0	0	10,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	2,500,000	2,500,000	2,500,000	0	0	10,000,000

Recreation & Parks

City Marina Maintenance

Subsection: Recreation Facility Maintenance
Managing Department: Recreation & Parks
Supporting Department(s): General Services
Project Category: 1

Estimated Useful Life of Improvement: 10 years
Priority: Essential
Strategic Plan Goal: 7 – Caring Community
Location: Waterfront

Project Summary: 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. The next projects considered will improve boating safety and pedestrian comfort such as maintenance and modernization efforts for utilities, amenities, rest room structure, customer service program and IT needs, drinking fountains, signs, piling repair/replacement, rescue equipment, dock ladders, and services. This scope of work and associated costs may require modification dependent upon findings and recommendations and outcomes of the Waterfront Small Area planning process. A total of \$900,000 over ten years is planned for the maintenance program. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Marina piling upgrade - Phase I	\$ 40,000
Marina light upgrade to solar lights (completion of previous project)	\$ 15,000
Marina water line replacement	\$ 20,000
Emergency repairs after storm events	\$ 15,000
Total Fiscal Year 2013	\$ 90,000
Fiscal Year 2014	
Description	Amount
Marina piling upgrade - Phase II	\$ 40,000
Replacement of pier lights, water outlets	\$ 40,000
Marina water line replacement / emergency repairs	\$ 10,000
Total Fiscal Year 2014	\$ 90,000
Fiscal Year 2015	
Description	Amount
Marina piling upgrade - Phase III	\$ 40,000
Marina water line replacement / emergency repairs	\$ 20,000
Marina restroom upgrade	\$ 30,000
Total Fiscal Year 2015	\$ 90,000

Changes from Prior Year: Funding in the amount of \$90,000 is added for FY 2022.

Project History: FY 2010 funding was used to purchase a closed caption television system, replace the blue navigational lights, and complete electrical work in the restrooms and boat utility outlets. Funding in FY 2011 is designated to replace ten (10) broken pilings. FY 2012 funding will be used to existing light and power pedestals on the piers.

Operating Impact: No additional operating impact.

City Marina Maintenance	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	55,000	90,000	90,000	90,000	90,000	90,000
Less Revenues		0	0	0	0	0
Net City Share	55,000	90,000	90,000	90,000	90,000	90,000
City Marina Maintenance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	90,000	90,000	90,000	90,000	90,000	900,000
Less Revenues	0	0	0	0	0	0
Net City Share	90,000	90,000	90,000	90,000	90,000	900,000

Recreation & Parks

Public Pools

Subsection: Recreation Facility Maintenance
Managing Department: Recreation & Parks
Supporting Department(s): General Services
Project Category: 1

Estimated Useful Life of Improvement: 15 years
Priority: Essential
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Citywide

Project Summary: This project includes annual funding for maintenance of the outdoor pool shells, structures, mechanical and filtration systems, decks, bathhouses, and contributing amenities. A total of \$520,000 over ten years (\$52,000/annually) is planned for this maintenance program. In FY 2012, the City completed an Aquatic Facilities Study that will provide additional information on the scope and priority of maintenance requirements and types of facilities needed in the future. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Install new Chinguapin Rixse Pool UV Light disinfection system	\$ 40,000
Replace, install new facility signage (Policies & Street - required for EMS response)	\$ 8,000
Repair contingency as needed	\$ 4,000
Total Fiscal Year 2013	\$ 52,000

Fiscal Year 2014	
Description	Amount
Chinguapin Rixse Pool filter system replacement	\$ 52,000
Total Fiscal Year 2014	\$ 52,000

Fiscal Year 2015	
Description	Amount
ADA required improvements (TBD) required and necessary for full compliance	\$ 30,000
Old Town Facility Painting- Pool mechanical interiors 4 security light poles	\$ 10,000
Old Town Pool: Re-caulk all deck joints to improve the safety, function, and appearance of the surfacing of facility.	\$ 8,000
Repair contingency as needed	\$ 4,000
Total Fiscal Year 2015	\$ 52,000

Changes from Prior Year: Funding in the amount of \$52,000 is added for FY 2022.

Project History: An initial study to evaluate and recommend improvements to the City's six outdoor pools was completed in FY 2002. The pool shells, structures, mechanical and filtration systems, decks, bathhouses and amenities were included in this analysis. The results of this initial study, and other follow-up, provides the Department with the data needed to prioritize pool related scopes of work and costs. The FY 2012 aquatics facility study will use existing information as a basis for assessing current facilities to develop future recommendations.

Operating Impact: No additional operating impact.

Public Pools	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	13,000	52,000	52,000	52,000	52,000	52,000
Less Revenues	0	0	0	0	0	0
Net City Share	13,000	52,000	52,000	52,000	52,000	52,000

Public Pools	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	52,000	52,000	52,000	52,000	52,000	520,000
Less Revenues	0	0	0	0	0	0
Net City Share	52,000	52,000	52,000	52,000	52,000	520,000

Recreation & Parks

Recreation Center CFMP

Subsection: Recreation Facility Maintenance
Managing Department: Recreation & Parks/General Services
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 40 years
Priority: Essential
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Citywide

Project Summary: 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 total ten year budget for this maintenance program is \$4.925 million. The following projects are planned for FY 2013 – FY 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Fan Coil Unit Replacement at Charles Barrett	\$ 10,000
Exterior Site Repairs at Ramsay Recreation Center	\$ 50,000
Gym Floor Replacement at Cora Kelly	\$ 50,000
Interior Improvements at Mt. Vernon Recreation Center	\$ 20,000
Interior Improvements at Nannie Lee Center	\$ 25,000
Millwork Replacement and HVAC Upgrades at Lee Center	\$ 230,000
HVAC Re-commissioning at Durant Center	\$ 40,000
HVAC Replacement at Cora Kelly	\$ 195,000
Total Fiscal Year 2013	\$ 620,000

Fiscal Year 2014	
Description	Amount
Interior Improvements at Charles Barrett	\$ 75,000
Phase I of Locker Replacement; Window Glazing; and Locker	\$ 131,000
HVAC Replacement and Interior Ceiling Work at Mt. Vernon	\$ 38,500
Bleacher Replacement at Nannie Lee Center	\$ 11,000
Lighting Project, Interior Improvements and Stage Lighting at	\$ 98,500
Dance Floor Replacement at Ramsay Recreation Center	\$ 60,000
HVAC Replacement at Lee Center	\$ 86,000
Total Fiscal Year 2014	\$ 500,000

Fiscal Year 2015	
Description	Amount
Phase II of locker replacement and window glazing at	\$ 180,000
Flooring upgrade at Cora Kelly	\$ 65,000
Flooring upgrade at Durant	\$ 60,000
Interior improvements at Lee Center	\$ 195,000
Total Fiscal Year 2015	\$ 500,000

Changes from Prior Year: An additional \$195,000 is added in one-time funding for FY 2013 to address deferred maintenance needs, bringing total FY 2013 to \$620,000. Funding in the amount of \$500,000 is added for FY 2014.

Project History: Renovation work at the City's recreation facilities is prioritized annually according to an evaluation and analysis of the community needs and facility conditions.

Operating Impact: No additional operating impact.

Recreation & Parks

(Recreation Center CFMP continued)

Recreation Centers CFMP	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	620,000	500,000	500,000	500,000	500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	620,000	500,000	500,000	500,000	500,000

Recreation Centers CFMP	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	500,000	500,000	500,000	500,000	500,000	5,120,000
Less Revenues	0	0	0	0	0	0
Net City Share	500,000	500,000	500,000	500,000	500,000	5,120,000

Recreation & Parks

Chinquapin Aquatics Center

Subsection: Renovated or New Recreation Facilities
Managing Department: General Services
Supporting Department(s): Recreation & Parks
Project Category: 2

Estimated Useful Life of Improvement: 40 years
Priority: Highly Desirable
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: 3210 King Street

Project Summary: This project will provide \$6.44 million over the next ten years for needed renovations of the Chinquapin Aquatics and Fitness Center. Significant mechanical system replacement is required in order to extend the useful life of this facility. The HVAC system requires major attention in order to be able to efficiently control the climate within the aquatics facility. The operating costs associated with heating and cooling Chinquapin are dramatically increasing each year this maintenance is delayed. In addition to the HVAC system, this plan funds improvements to the pool decking and elements as well as much-needed upgrades to the fitness room. The project scope could be altered based on the recommendations in the 2011 Aquatics Facility Study.

Changes from Prior Year: No changes from prior year.

Project History: Due to budget constraints, funding for a major renovation/ expansion was reduced to provide for a renovation only. Previous funding of \$20.15 million (\$850K in FY 2012; \$10 million in FY 2013; and \$9.3 million in FY 2014) was reduced, consistent with the change to the scope of this project. In FY 2012, \$160,000 was approved to begin planning and design work and cost estimating associated with the next phase of the project.

Operating Impact: No additional operating impact.

Chinquapin Aquatics Center	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	1,440,000	0	0	0	1,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	1,440,000	0	0	0	1,000,000

Chinquapin Aquatics Center	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	2,000,000	2,000,000	0	0	0	6,440,000
Less Revenues	0	0	0	0	0	0
Net City Share	2,000,000	2,000,000	0	0	0	6,440,000

Recreation & Parks

Miracle Field

Subsection: Renovated or New Recreation Facilities **Estimated Useful Life of Improvement:** 10 years (depending on use)
Managing Department: Recreation & Parks/General Services **Priority:** Desirable
Supporting Department(s): N/A **Strategic Plan Goal:** 4 – Children, Youth, & Families
Project Category: 3 **Location:** Old Town South (Lee Center)

Project Summary: This project funds construction of the City's first Miracle Field, a rubberized outdoor sports surface similar to playground surfacing. The rubber allows a firm, yet cushioned, surface for wheelchairs and walkers, allowing Alexandria residents with physical and mental disabilities to play ball. Given the nature of the field it can also be used by adults and seniors for softball and kickball or by youth sports, such as t-ball. Funding of \$285,000 was approved in the FY Approved 2012 – 2021 CIP budget for FY 2013. The remaining \$135,000 needed to construct the field is being fundraised through the Miracle League of Alexandria, a partnership with the Kelley Cares Foundation.

Changes from Prior Year: Private donations in the amount of \$135,000 are programmed into the FY 2013 CIP.

Operating Impact: There are no additional operating needs for the field itself. The current operating funds used for mowing of the existing field will be repurposed and used for leaf-blowing on the field and enhanced landscaping and maintenance.

Miracle Field	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	420,000	0	0	0	0
Less Revenues	0	135,000	0	0	0	0
Net City Share	0	285,000	0	0	0	0

Miracle Field	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	420,000
Less Revenues	0	0	0	0	0	135,000
Net City Share	0	0	0	0	0	285,000

Recreation & Parks

Patrick Henry Recreation Center

Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation & Parks/General Services
Supporting Department(s): ACPS
Project Category: 3

Estimated Useful Life of Improvement: 40 years
Priority: Desirable
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: West End

Project Summary: 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. This document will be used as a guide for the building renovation. A total of \$6.1 million is planned for this project (\$610,000 in FY 2015 for planning/design; \$5.49 million in FY 2016 for construction & renovations).

Changes from Prior Year: Funding is shifted from FY 2014-2015 to FY 2015-2016 to more closely align with the new Patrick Henry K-8 facility being constructed by ACPS.

Project History: On October 25, 2005, City Council approved a revised funding plan in which a total of \$3.0 million previously funded or planned in the CIP for the Patrick Henry Recreation Center renovation (\$1.25 million in unallocated prior year monies and \$1.75 million in FY 2008) be reprogrammed to the Charles Houston Recreation Center project. The Approved 2004 CIP funding schedule would have allowed for the completion of the design of the Patrick Henry renovations by mid-FY 2009 following the completion of the Charles Houston construction project (FY 2009). Due to budget constraints the FY 2009 and FY 2010 Approved CIP's included a project listing for a major renovation of Patrick Henry Recreation Center, but neither plan had identified funding for the project. In the ACPS Proposed FY 2013 – 2022 CIP, funding has been approved for a new community school construction project on the Patrick Henry site from FY 2014 - 2017. The program and design for this community school project was projected to include the concept of recreational programming and space. This recreation center project will be coordinated with the new school construction.

Based on findings provided in the CY 2008 existing Center renovation study, 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. In combination with a gymnasium, site/building program component space, architectural fees, and other building renovation costs, a square footage cost of approximately \$503.00 per square foot can be anticipated.

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

Patrick Henry Recreation Center	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	610,000	5,490,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	610,000	5,490,000	0

Patrick Henry Recreation Center	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	6,100,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	6,100,000

Recreation & Parks

City Marina Seawalls

Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation & Parks
Supporting Department(s): T & ES
Project Category: 2

Estimated Useful Life of Improvement: 25 years
Priority: Highly Desirable
Strategic Plan Goal: 7 – Caring Community
Location: Waterfront

Project Summary: The seawalls at the City Marina are subject to constant erosion and environmental damage due to tidal change, storms and winter ice damage. Damage results in voids and undermining the seawalls. 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.

This project includes \$1.7 million (\$200,000 in FY 2016 and \$1,500,000 in FY 2017) in funding to evaluate the condition of the existing seawalls in order to determine the priority and level of needed repair. 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.

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 concurrently with implementation of outcomes for the Waterfront Small Area planning process. The FY 2016 study is estimated to cost \$200,000; as 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. The FY 2017 budget of \$1.5 million is a current estimate. Final funding will be provided upon completion of the shoreline study. 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. This project is related to the overall Waterfront Plan approved by City Council in January 2012.

Changes from Prior Year: No changes from prior year.

Operating Impact: No additional operating impacts are anticipated.

City Marina Seawalls	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	200,000	1,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	200,000	1,500,000

City Marina Seawalls	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,700,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,700,000

Recreation & Parks

City Marina Utility Upgrade

Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation & Parks
Supporting Department(s): General Services
Project Category: 2

Estimated Useful Life of Improvement: 10-15 years
Priority: Highly Desirable
Strategic Plan Goal: 7 – Caring Community
Location: Waterfront

Project Summary: A total of \$1.25 million is planned for this project over two years (\$250,000 in FY 2016 and \$1,000,000 in FY 2017). 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. Future funding for this new 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. The current plan proposes funding for engineering of this project in FY 2016 with subsequent construction in FY 2017. 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. This project is related to the overall Waterfront Plan approved by City Council in January 2012.

Changes from Prior Year: No changes from prior year.

Operating Impact: Additional operational impact of the City Marina utility upgrade will be determined through the initial study in FY 2016. It may be assumed that with utility upgrades, usage rates and fees will increase.

City Marina Utility Upgrades	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	250,000	1,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	250,000	1,000,000

City Marina Utility Upgrades	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,250,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,250,000

Recreation & Parks

City Median Conversions and Renovations

Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation & Parks
Supporting Department(s): T & ES
Project Category: 2

Estimated Useful Life of Improvement: 20 years
Priority: Desirable
Strategic Plan Goal: 5 – Financial Sustainability
Location: Citywide

Project Summary: This project provides for construction and improvements to the Duke Street and King Street medians. Funding in the amount of \$400,000 is planned in FY 2017 and FY 2018 to provide for defined hardscape and softscape median areas that will reduce vegetation maintenance, improve aesthetics and reduce annual maintenance costs. Hardscape areas will include decorative bricks and/or stamped concrete and softscaped sections will have provisions for low maintenance plantings.

Changes from Prior Year: No changes from prior year.

Operating Impact: This project is anticipated to substantially reduce the City's operating expenses and future designs will be developed with the intention of significantly reducing operating costs by 25-50%, as mowing of the medians will not be necessary.

City Median Conversion	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	400,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	400,000

City Median Conversion	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	400,000	0	0	0	0	800,000
Less Revenues	0	0	0	0	0	0
Net City Share	400,000	0	0	0	0	800,000

Recreation & Parks

Spray Parks

Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation & Parks
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 15 years
Priority: Highly Desirable
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Citywide

Project Summary: The City's existing swimming pools are typically 30+ years old and dependent upon minimal deferred maintenance. Spray parks provide children of all ages and abilities with the ability to safely and freely play together. These facilities typically feature interactive play elements located on a concrete slab or splash pad, either with/without standing water, and can be manipulated by children, a programmable computer, are monitored with automatic controls and have comparatively reduced personnel/operating costs. Automatic sensor based controls reduce daily maintenance and limit use of potable water. The \$3.0 million in FY 2019 and FY 2020 will provide for the removal of the existing pools and the installation of Spray Parks at up to three sites. The location of proposed spray parks will be guided and prioritized by the FY 2012 Aquatics Facilities Study.

Changes from Prior Year: No changes from prior year.

Operating Impact: Impacts on departmental operating costs and estimated revenues cannot be determined until the design of the Spray Parks are finalized however, it is anticipated that the required staffing and operating supply costs will be reduced significantly. In contrast, the existing swimming pool structures will result in exponentially higher operating costs (structural, maintenance, repair, utility) if kept in their current condition.

Spray Parks	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Spray Parks	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	2,000,000	1,000,000	0	0	3,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	2,000,000	1,000,000	0	0	3,000,000

Recreation & Parks

Open Space Acquisition and Development

Subsection: Open Space Acquisition & Development

Managing Department: Recreation & Parks

Supporting Department(s): N/A

Project Category: 3

Estimated Useful Life of Improvement: Perpetual

Priority: Desirable

Strategic Plan Goal: 2 – Health & Environment

Location: Citywide

Project Summary: This is an on-going project, which provides for the purchase of and improvements to land for City open space and related facilities. The fund's current balance of approximately \$5.7 million will remain available for the purchase and development of desirable open space and other related costs within the City. A total of \$19.7 million from FY 2014 -2022 is planned for this project category.

In FY 2012, the City plans to purchase property within the James Bland redevelopment site to enhance the proposed open space for the project. In addition, acquisition of the remaining Strand parcels between Prince and Duke Streets remains a priority. The use of these funds will take the remaining balance in the Open Space Fund down to approximately \$3.6 million. Additional funds will be needed in order to proceed with the acquisition and development 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 Plan approved by City Council in January 2012.

Changes from Prior Year: Planned funding in FY 2014-2015 is accelerated to FY 2013 to meet immediate open space acquisition timing needs. Planned funding from FY 2016-2018 is reduced by a total of \$250,000 from the Approved FY 2012 – 2021 CIP based on available resources and project prioritization. Funding in the amount of \$4.0 million is added for FY 2022.

Project History: Based on City Council's request to establish a process to determine the comprehensive needs of recreation and leisure services Citywide, the Department of Recreation, Parks, and Cultural Activities commissioned an outside consultant to complete a recreation and open space needs assessment. The needs assessment, called The Strategic Master Plan for Open Space, Parks and Recreation, which includes the Strategic Master Plan, Open Space Plan and Needs Assessment, was completed and presented to City Council in December 2002 and approved by Council in 2003. The Open Space Plan identified the need for the City to add 100 acres of open space by the year 2013 (based on a projected population at that time of 142,000) in order to maintain the City's current ratio of 7.5 acres of open space for every 1,000 Alexandria residents. To fund the acquisition of land for open space, City Council, in the context of the FY 2004 budget process, approved the establishment of the City of Alexandria Open Space Trust Fund Account to finance permanent open space public improvements included in the City's capital budget. This Trust Fund Account was funded from one percent of the annual total revenue generated from real property taxes in the City (changed by City Council starting in FY 2007 from the previous dedication of one cent per \$100 of the assessed value). Since 2004 the City has acquired via purchase or dedication some 24 acres of open space and 26 acres are planned for future dedication or acquisition. Additional open space has been protected through conservation and public open space easements. To leverage the annual revenues, the City issued \$10.0 million in open space bonds in FY 2005 and \$0.5 million in FY 2006.

In FY 2010, the City reduced the dedicated real estate of 1% for Open Space to fund only debt service for past open space-related borrowing (\$758,404 in FY 2012) due to economy/tax base driven funding limitations related to Cash Capital and borrowing to 0.3%.

Operating Impact: No additional operating impact.

Recreation & Parks

(Open Space Acquisition and Development continued)

Open Space Acquisition & Dev.	Unallocated Balance					
		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	5,721,846	1,000,000	0	0	800,000	1,500,000
Debt Service	0	758,404	742,161	720,921	697,182	674,692
Total Expenditures	5,721,846	1,758,404	742,161	720,921	1,497,182	2,174,692
Less Revenues ¹	0	758,404	742,161	720,921	697,182	674,692
Net City Share	5,721,846	1,000,000	0	0	800,000	1,500,000

Open Space Acquisition & Dev.						Total FY2013-FY2022
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Expenditures	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	19,650,000
Debt Service	674,692	633,461	613,470	593,479	573,488	6,681,950
Total Expenditures	2,024,692	3,633,461	4,613,470	4,593,479	4,573,488	26,331,950
Less Revenues ¹	674,692	633,461	613,470	593,479	573,488	6,681,950
Net City Share	1,350,000	3,000,000	4,000,000	4,000,000	4,000,000	19,650,000

¹ Revenues represent a dedicated General Fund use and do not factor into CIP Special Revenue totals

PUBLIC BUILDINGS

Public Buildings

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Public Buildings

Public Buildings Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
General Government Facilities												
General Services CFMP	\$0	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,400,000	\$1,400,000	\$1,400,000	\$1,400,000	\$1,400,000	\$12,500,000
Energy Management Program	210,000	210,000	400,000	450,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,260,000
Emergency Generators	0	645,000	560,000	190,000	143,000	300,000	400,000	25,000	25,000	207,000	450,000	2,945,000
Space Management Program	0	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	950,000
City Hall HVAC & Infrastructure Repl.	0	250,000	2,950,000	8,000,000	6,800,000	0	0	0	0	0	0	18,000,000
City Hall Security Enhancements	0	175,000	0	0	0	0	0	0	0	0	0	175,000
Roof Replacement Program	0	530,000	310,000	0	0	0	0	0	0	0	0	840,000
Elevator Replacement/Refurbishment	0	500,000	0	500,000	0	0	0	0	0	0	0	1,000,000
Fleet Facility - Lift Replacement	0	0	585,000	0	0	0	0	0	0	0	0	585,000
Market Square Renovations	0	0	0	0	200,000	400,000	0	0	0	0	0	600,000
Libraries												
Library CFMP	0	220,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,570,000
Preservation of Historic Facilities												
City Historic Facilities CFMP	205,000	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	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Public Safety Facilities												
Fire Station CFMP	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Fire Station 210 (Eisenhower Valley)/Impc	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Burn Building	0	0	200,000	0	0	0	0	0	0	0	0	200,000
Fire Station 203 (Cameron Mills)	0	0	600,000	5,600,000	0	0	0	0	0	0	0	6,200,000
Fire Station 207 (Duke Street)	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	0	9,700,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	700,000	3,000,000	6,000,000	0	0	0	9,700,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	700,000	3,000,000	6,000,000	0	9,700,000
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
EOC/Public Safety Center Reuse	0	3,515,000	0	0	0	0	0	0	0	0	0	3,515,000
Police K-9 Facility Renovation	0	0	0	0	270,000	0	0	0	0	0	0	270,000
Pistol Range	0	0	0	0	0	1,435,000	0	0	0	0	0	1,435,000
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
Emergency Govt. Relocation Center	0	0	0	0	0	1,200,000	0	0	0	0	0	1,200,000
Public Buildings Total	\$565,000	\$11,580,000	\$8,340,000	\$17,475,000	\$11,448,000	\$10,370,000	\$13,035,000	\$10,360,000	\$6,660,000	\$9,842,000	\$4,095,000	\$103,205,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$565,000	\$11,580,000	\$8,340,000	\$17,475,000	\$11,448,000	\$10,370,000	\$13,035,000	\$10,360,000	\$6,660,000	\$9,842,000	\$4,095,000	\$103,205,000

Public Buildings

General Services Capital Facilities Maintenance Plan (CFMP)

Subsection: General Government Facilities **Estimated Useful Life of Improvement:** Varies (most about 20 years)
Managing Department: General Services **Priority:** Essential
Supporting Department(s): Multiple Departments **Strategic Plan Goal:** 5 – Financial Sustainability
Project Category: 1 **Location:** Citywide

Project Summary: The General Services Capital Facilities Maintenance Plan (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 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 repair and maintenance of open air parking lots at The Lyceum, the Old Health Department, the Old Print Shop, the Lee Center, and three City commercial parking lots. A total of \$12.5 million over ten years is programmed to address these capital maintenance requirements. The following projects are planned for FY 2013 – 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Replace two air handling units and systems at 4480 King Street - Phase 2 of 3	\$ 210,000
Replace heating units at 3200 Colvin Street	\$ 15,000
Replace domestic hot water and replace outside lighting at Fleet Services	\$ 80,000
Replace seven air handler units coils/pans at the Courthouse	\$ 200,000
Replace roof at 801 Payne Street	\$ 250,000
Boiler conversion, adjust controls and recommission at Beatley Library	\$ 220,000
Miscellaneous building repairs/replacements	\$ 125,000
Total Fiscal Year 2013	\$ 1,100,000

Fiscal Year 2014	
Description	Amount
Replace two air handling units and systems at 4480 King Street - Phase 3 of 3	\$ 560,000
Replace interior lighting and replace exhaust fans at the Fleet Services building	\$ 120,000
Replace warehouse lighting at 3200 Colvin Street	\$ 100,000
Replace air handler exhaust fans at the Courthouse	\$ 250,000
Miscellaneous building repairs/replacements	\$ 70,000
Total Fiscal Year 2014	\$ 1,100,000

Fiscal Year 2015	
Description	Amount
Replace heating, ventilation and air conditioning units at Casey Clinic	\$ 100,000
Twenty (20) new temperature control sensors	\$ 30,000
Resurface parking lot at 4480 King Street	\$ 760,000
Replace warehouse lighting at 3200 Colvin Street	\$ 100,000
Miscellaneous Building Repairs	\$ 110,000
Total Fiscal Year 2015	\$ 1,100,000

Changes from Prior Year: Beginning FY 2018, an additional \$300,000 has been added to this project annually to account for deferred maintenance projects and new City facilities. Funding in the amount of \$1,400,000 is added for FY 2022.

Project History: Over the past two years, funds from the General Services Capital Facility Maintenance Program (CFMP) have been used to complete the replacement of the cooling tower at the Alexandria Courthouse; replacement of rooftop heating, ventilation and air-conditioning system (HVAC) and boiler at the Archives and Records Center and former Print Shop facility located at 801 S. Payne Street; as well as multiple HVAC capital repairs and component replacements and scheduled systems, windows and flooring replacements across various City facilities.

Public Buildings

(General Services CMFP continued)

Operating Impact: As outdated building infrastructure is replaced with more energy efficient systems, the City should expect to see lower utility consumption and potentially lower utility costs.

General Services CFMP	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000

General Services CFMP	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	12,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	12,500,000

Public Buildings

Energy Management Program

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s):
Project Category: 1

Estimated Useful Life of Improvement: 15 years
Priority: Highly Desirable
Strategic Plan Goal: 5 – Financial Sustainability
Location: Citywide

Project Summary: 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 Energy Management program goals, and the City's Eco-City and Environmental Action Plan energy reduction 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. A total of \$5.26 million is planned over ten years to implement these initiatives. Continued emphasis will be placed on energy consumption analysis; the development of strategies to address the largest 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. The City's Energy Conservation Committee will provide guidance and action for deploying energy conservation, energy efficiency, and energy management measures. The following projects are planned for FY 2013 – 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
City-wide Lighting Retrofits	\$ 110,000
LED Lighting @ PSC	\$ 100,000
Total Fiscal Year 2013	\$ 210,000
Fiscal Year 2014	
Description	Amount
City-wide Lighting Retrofits	\$ 250,000
LED Lighting @ PSC	\$ 50,000
Facility Advanced Metering Infrastructure (fAMI)	\$ 50,000
HVAC Control Upgrades	\$ 50,000
Total Fiscal Year 2014	\$ 400,000
Fiscal Year 2015	
Description	Amount
City-wide Lighting Retrofits	\$ 400,000
Facility Advanced Metering Infrastructure (fAMI)	\$ 50,000
Total Fiscal Year 2015	\$ 450,000

Changes from Prior Year: Funding in the amount of \$600,000 is added for FY 2022.

Project History: In FY 2008, an Energy Manager position was created in the Department of General Services. This position is tasked to lead, design, implement, and continually innovate the City's Energy Management Program; including analyzing, developing, and implementing the City's energy efficiency, energy conservation, and energy management efforts. The Energy Management Program has successfully introduced operating procedures and contracts to save on future energy costs, as well as, enhance the environment and employee engagement.

Energy Management capital projects to date have included high-efficiency lighting retrofits, heating, ventilation and air conditioning (HVAC) control retrofits, HVAC control system calibrations, and loan-loss reserve funding for the Northern Virginia Home Performance with Energy Star energy efficiency program.

Operating Impact: The operating impact is a direct financial savings due to reduced energy/utility costs as a result of implementing energy-efficiency technologies and management opportunities. The operating impact is estimated according to a 3% reduction per square foot of facility area per year.

Public Buildings

(Energy Management Program continued)

Energy Management Program	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	210,000	210,000	400,000	450,000	600,000	600,000
Less Revenues	0	0	0	0	0	0
Net City Share	210,000	210,000	400,000	450,000	600,000	600,000

Energy Management Program	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	600,000	600,000	600,000	600,000	600,000	5,260,000
Less Revenues	0	0	0	0	0	0
Net City Share	600,000	600,000	600,000	600,000	600,000	5,260,000

Public Buildings

Emergency Generators

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 15 years
Priority: Essential
Strategic Plan Goal: 6 – Public Safety
Location: Citywide

Project Summary: This project provides for the systematic planned replacement, placement and capital maintenance of generators at City facilities. A total of \$2.945 million is budgeted over ten years for this project. This project enhances the City's ability to provide reliable and assured emergency response activities. The projects detailed below are planned for FY 2013 – 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change. Planned projects in FY 2016 – 2022 include: the Animal Shelter, Casey Clinic, City Hall, Beatley Library, and 2900 Business Center Drive.

Fiscal Year 2013	
Description	Amount
Courthouse Generator Replacement	\$ 150,000
Health Department Generator Replacement	\$ 120,000
Capital Repair - System Repair and Replacement	\$ 25,000
PSC Generator Replacement	\$ 350,000
Total Fiscal Year 2013	\$ 645,000
Fiscal Year 2014	
Description	Amount
Motor Vehicle Maintenance Building	\$ 525,000
Gadsby Tavern	\$ 10,000
Capital Repair - System Repair and Replacement	\$ 25,000
Total Fiscal Year 2014	\$ 560,000
Fiscal Year 2015	
Description	Amount
Old DASH	\$ 45,000
Lee Center	\$ 120,000
Capital Repair - System Repair and Replacement	\$ 25,000
Total Fiscal Year 2015	\$ 190,000

Changes from Prior Year: The Approved FY 2012 – 2021 CIP included funding for only FY 2014. General Services developed a full ten year plan for replacement of emergency generators, and that funding is programmed through FY 2022.

Project History: In FY 2008 and 2009, generators were replaced at City facilities including the Casey Clinic, and the Lee Center EOC. This substantially completed that phase of the replacement program. Generators are scheduled to be replaced over 10 years at the following City facilities: Courthouse, Health Department, Fleet Services Facility, Gadsby's Tavern, Lee Center, Old DASH Facility, Vola Lawson Animal Shelter, Casey Clinic, City Hall, Beatley Library and the T&ES and Recreation Facility located at 2900 Business Center Drive. In 2010 and 2011, Emergency Generator CIP projects include critical repair and component replacements of the Public Safety Center generator, Lee Center generator, Courthouse generator, Fleet Services generator, and the replacement of the critical automatic transfer switches (ATS) for City Hall's emergency power system.

Operating Impact: No additional operating impact.

Public Buildings

(Emergency Generators continued)

Emergency Generators	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	645,000	560,000	190,000	143,000	300,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	645,000	560,000	190,000	143,000	300,000

Emergency Generators	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	400,000	25,000	25,000	207,000	450,000	2,945,000
Less Revenues	0	0	0	0	0	0
Net City Share	400,000	25,000	25,000	207,000	450,000	2,945,000

Public Buildings

Space Management Program

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 5 – Financial Sustainability
Location: Citywide

Project Summary: This program provides for the architectural assessment of City-owned and leased buildings; the documentation and analysis of space needs versus space inventory; minor office renovations, as well as relocation recommendations to optimize City-owned space and minimize leased space. A significant part of this program requires evaluation of space occupancy in relation to modified staffing, additional facility space, and potential reuse of properties. A total of \$950,000 over 10 years has been budgeted to facilitate this program.

Fiscal Years 2013 - 2015	
Description	Amount
Continued architectural assessment of City-owned and leased building; the documentation and analysis of space needs versus space inventory; as well as relocation recommendations to optimize City-owned space and minimize leased space. A significant part of this program requires evaluation of space occupancy in relation to modified staffing, additional facility space, and potential reuse of properties. Specific programming of the use of these funds in this fiscal year has not yet been determined.	\$50,000 (FY 2013)
	\$100,000 (FY 2014-2015)

Changes from Prior Year: Funding in the amount of \$100,000 has been added for FY 2022.

Project History: Space Management funds have been used to conduct a space analysis at City Hall and complete various minor space reconfigurations City-wide.

Operating Impact: No additional operating impact.

Space Management	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	50,000	100,000	100,000	100,000	100,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	50,000	100,000	100,000	100,000	100,000

Space Management	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	100,000	100,000	100,000	100,000	100,000	950,000
Less Revenues	0	0	0	0	0	0
Net City Share	100,000	100,000	100,000	100,000	100,000	950,000

Public Buildings

City Hall HVAC and Infrastructure Replacement Project

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 20 years
Priority: Highly Desirable
Strategic Plan Goal: 5 – Financial Sustainability
Location: 301 King Street

Project Summary: 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. This project 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. One potential part of the relocation plan might include implementing the Emergency Government Relocation Center project at the Lee Center on an accelerated schedule. A total of \$18.0 million over four years is budgeted for this project: \$3.2 million in FY 2013-2014 for design, staging, and the beginning of construction. \$8.0 million in FY 2015 and \$6.8 million in FY 2016 will complete funding for construction.

Changes from Prior Year: Funding in the amount of \$250,000 has been moved up from FY 2014 to FY 2013 to begin preliminary design and cost estimating. The total project cost remains unchanged.

Operating Impact: Impacts on the operating budget are unknown at this time, although a more energy efficient HVAC system is expected to reduce utility consumption and potentially lower utility costs.

City Hall HVAC Replacement	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	250,000	2,950,000	8,000,000	6,800,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	250,000	2,950,000	8,000,000	6,800,000	0

City Hall HVAC Replacement	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	18,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	18,000,000

Public Buildings

City Hall Security Enhancements

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 15 years
Priority: Desirable
Strategic Plan Goal: 6 – Public Safety
Location: 301 King Street

Project Summary: 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 to provide cameras (\$75,000, FY 2012) and better control of entrances to the facilities (\$175,000, FY 2013). The cost of implementing all recommendations was \$1.2 million, and will be considered as part of future CIPs.

Changes from Prior Year: No changes from prior year.

Project History: Funding in the amount of \$75,000 was allocated in June 2011 for the purchase and installation of a closed circuit television (CCTV) security system for the Market Square Parking Garage. The major components of the current system are over twenty years old and must be replaced. A total of fourteen existing cameras in the parking garage will be replaced and one will be added at the main entry to the parking garage. A new digital video recorder (DVR) will also be added to the system to enable storage of historical security images. Existing conduit and cable infrastructure will be integrated with the new components. In addition, to enhance garage security, ten (10) push-activated alarms (panic buttons) will be lighted and installed at strategic points, enabling customers to instantly summon help in an emergency. This project is scheduled to begin in spring 2012.

Operating Impact: The additional operating of the cameras and DVRs will be absorbed in the General Services operating budget for FY 2013.

City Hall Security Enhancements	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	175,000	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	175,000	0	0	0	0

City Hall Security Enhancements	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	175,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	175,000

Public Buildings

Roof Replacement Program

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 30 years
Priority: Essential
Strategic Goal: 5 – Financial Sustainability
Location: Citywide

Project Summary: This program will provide for the inspection, design and replacement of aging roof systems within the City. Project funding will allow for assessment of roof conditions Citywide to provide a more accurate roof replacement plan beyond FY 2014. A total of \$840,000 is planned for this project. Funding in FY 2013 will provide for roof replacement at the Public Safety Center; FY 2014 funding at the Fleet facility.

Changes from Prior Year: FY 2014 planned funding was partially accelerated to FY 2013 to provide funding for the Public Safety Center roof replacement and the Emergency Operating Center/Public Safety Center Reuse project. Funding planned in FY 2014 for the Torpedo Factory roof repairs has been identified in the allocated Torpedo Factory project balance and is not required.

Project History: FY 2012 funding provided for the roof replacements at 2900 Business Center Drive (T&ES/Recreation maintenance facility) and the Lee and Nannie J. Lee Centers.

Operating Impact: No additional operating impact.

Roof Replacement Program	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	530,000	310,000	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	530,000	310,000	0	0	0

Roof Replacement Program	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	840,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	840,000

Public Buildings

Elevator Replacement/Refurbishment

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 20 years
Priority: Essential
Strategic Plan Goal: 5 – Financial Sustainability
Location: Citywide

Project Summary: This project provides for the systematic replacement of elevators and/or their major operating components at select City facilities over a five-year period. A total of \$1.0 million has been budgeted for this project (\$500,000 in FY 2013; and \$500,000 in FY 2015) for elevator replacement, including elevators at the William G. Truesdale Detention Center. 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.

Fiscal Year 2013	
Description	Amount
Replacement/Modernization two elevators and major components at the Public Safety Center - Alexandria Office of Sheriff's William G. Truesdale Adult Detention Center.	\$ 500,000
Total Fiscal Year 2013	\$ 500,000
Fiscal Year 2014	
Description	Amount
Total Fiscal Year 2014	\$ -
Fiscal Year 2015	
Description	Amount
Replacement/Modernization of two elevators and major components at the Public Safety Center - Alexandria Office of Sheriff's facility.	\$ 500,000
Total Fiscal Year 2015	\$ 500,000

Changes from Prior Year: No changes from prior year.

Project History: \$1.2 million was allocated in January 2008 for the removal and replacement of four of the six elevators located at the Courthouse. The Courthouse elevator replacement was completed in FY2010. The elevators at 4480 King Street were completed in FY 2011.

Operating Impact: No additional operating impact.

Elevator Replacement/Refurbishments	Unallocated Balance					
		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	500,000	0	500,000	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	500,000	0	500,000	0	0
Elevator Replacement/Refurbishments						Total
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY2013-FY2022
Expenditures	0	0	0	0	0	1,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,000,000

Public Buildings

Fleet Facility – Lift Replacement

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 20 years
Priority: Highly Desirable
Strategic Plan Goal: 5 – Financial Sustainability
Location: 3550 Wheeler Avenue

Project Summary: 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. This project 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 lbs capacity. Both types of lifts 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 allocated in FY 2012 for design and replacement of the initial two and three post heavy duty lifts; and \$585,000 is programmed in FY2014 to complete the replacements.

Changes from Prior Year: No changes from prior year.

Project History: Funding in the amount of \$745,000 was allocated in June 2011 for the design and replacement of the two and three post heavy duty lifts at the Fleet Services Facility. Design has been completed and the mobile lifts have been delivered. Installation of the in-ground lifts is scheduled to be completed in spring 2012.

Operating Impact: No additional operating impact.

Fleet Facility - Lift Replacement	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	585,000	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	585,000	0	0	0

Fleet Facility - Lift Replacement	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	585,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	585,000

Public Buildings

Market Square Renovations

Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 25 years (Ph. I); 20-40 years (Ph. II)
Priority: Highly Desirable
Strategic Plan Goal: 5 – Financial Sustainability
Location: 301 King Street

Project Summary: This project provides for renovations and improvements to the Market Square Plaza and underground parking garage to correct problems that are the result of age. Market Square includes a three-level, underground reinforced concrete garage, built in the mid-1960s, and the plaza area, which includes a fountain and several large planters. The long-range major renovation project, including landscaping, water proofing, lighting, sealing of the garage deck, and other elements will be considered in a future CIP. A total of \$600,000 over two years is budgeted (\$200,000 in FY 2016 and \$400,000 in FY 2017) for programming and design of development activities for the Market Square Renovations.

Changes from Prior Year: No changes from prior year.

Project History: In January 1999, the majority of the first phase of reconstruction of the Market Square garage was completed. The thirty-year-old structure had experienced significant structural deterioration due to water infiltration through the roof. Remedial action included replacing the waterproofing membrane underlying the plaza and replacing deteriorated concrete and rebar. In 2006, renovations including replacement of the fountain pumps, limestone stair replacement, and general upgrades to the surface areas were completed.

Operating Impact: No additional operating impact.

Market Square Renovations	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	200,000	400,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	200,000	400,000

Market Square Renovations	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	600,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	600,000

Public Buildings

Library Capital Facilities Maintenance Plan (CFMP)

Subsection: Libraries

Managing Department: General Services

Supporting Department(s): Library

Project Category: 1

Estimated Useful Life of Improvement: 25 years

Priority: Essential

Strategic Plan Goal: 7 – Caring Community

Location: Citywide

Project Summary: This project provides for annual capital maintenance requirements at Beatley, 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 projects involving HVAC systems or roof repairs may be necessary. A total of \$1.57 million over ten years (\$220,000 in FY 2013, \$150,000 annually thereafter) is programmed to address these capital maintenance requirements. The following projects are planned for FY 2013 – 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Interior Painting for Burke and Duncan	\$ 14,000
Beatley Library Carpet Phase II	\$ 54,000
Barrett Library 2nd Floor and office Carpet Replacement	\$ 82,000
Window Replacement at Barrett Library	\$ 70,000
Total Fiscal Year 2013	\$ 220,000
Fiscal Year 2014	
Description	Amount
Beatley Library Carpet (Phase III)	\$ 45,000
Burke Library Chiller Replacement	\$ 105,000
Total Fiscal Year 2014	\$ 150,000
Fiscal Year 2015	
Description	Amount
Beatley Carpet (Phase IV)	\$ 60,000
Duncan Library Carpet and Lighting Upgrade	\$ 90,000
Total Fiscal Year 2015	\$ 150,000

Changes from Prior Year: One-time funding in the amount of \$70,000 is added for FY 2013 to address deferred maintenance needs. Funding in the amount of \$150,000 is added for FY 2022.

Project History: In 2011 and 2012, the “All Things Come in Threes” public art project at Duncan Library was completed; and the Charles Beatley Central Library drainage improvements were completed. In addition, various capital repairs were made at many of the City library branches.

Operating Impact: No additional operating impact.

Library CFMP	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	220,000	150,000	150,000	150,000	150,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	220,000	150,000	150,000	150,000	150,000
Library CFMP	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	150,000	150,000	150,000	150,000	150,000	1,570,000
Less Revenues	0	0	0	0	0	0
Net City Share	150,000	150,000	150,000	150,000	150,000	1,570,000

Public Buildings

City Historic Facilities Capital Facilities Maintenance Plan (CFMP)

Subsection: Preservation of Historic Facilities

Estimated Useful Life of Improvement: 25 years

Managing Department: General Services

Priority: Essential

Supporting Department(s): Office of Historic Alexandria

Strategic Plan Goal: 7 – Caring Community

Project Category: 1

Location: Citywide

Project Summary: This project provides funding to address capital maintenance requirements 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 Archeology space located at the Torpedo Factory Arts Center. A total of \$3.45 million over ten years (\$345,000 per year) is programmed to address these capital maintenance requirements. The following projects are planned for FY 2013 – 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Gadsbys Tavern redesign courtyard, brick point-up; and replace kitchen equipment on the first floor.	\$ 208,000
Apothecary replacement windows	\$ 10,500
Lyceum roof repairs and museum store renovations	\$ 53,500
Fort Ward Museum interior painting and soil erosion work	\$ 27,000
Friendship Firehouse interior paint and repairs	\$ 35,000
Black History Resource Center exterior paint and repairs	\$ 11,000
Total Fiscal Year 2013	\$ 345,000
Fiscal Year 2014 - 2015	
Description	Amount
Continues capital maintenance improvements at OHA managed properties to include Fort Ward Park, Gadsby's Tavern, Lloyd House, The Lyceum, Stabler-Leadbeater Apothecary Museum, Friendship Firehouse, Payne Street Records Center (Archives), and Archeology space located at the Torpedo Factory Arts Center. Specific programming for the use of these funds in this fiscal year have not yet been determined.	\$345,000 (FY 2014)
	\$345,000 (FY 2015)
Total Fiscal Year 2014	\$ 690,000

Changes from Prior Year: Funding for soil erosion work at Ft. Ward in the amount of \$5,000 annually has been transferred to the operating budget. These annual maintenance costs are more appropriately charged to the operating budget. Funding in the amount of \$345,000 is added for FY 2022.

Project History: In FY 2006, an assessment of historic facilities identified \$3.4 million in capital needs at OHA properties. Staff regularly reports its progress to the 26-member Historic Alexandria Resources Commission (HARC) which advises the City in the preservation of historic sites and building and artifacts. Much of the work from the initial assessment is now complete and funding provided will assist with maintaining capital assets at the City's historic facilities. In FY 2012, the replacement of the elevator at The Lyceum was completed, as well as various small capital repairs and improvements at various historic facilities.

Operating Impact: No additional operating impact.

Public Buildings

(City Historic Facilities CFMP continued)

City Historic Facilities CFMP	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	205,000	345,000	345,000	345,000	345,000	345,000
Less Revenues	0	0	0	0	0	0
Net City Share	205,000	345,000	345,000	345,000	345,000	345,000

City Historic Facilities CFMP	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	345,000	345,000	345,000	345,000	345,000	3,450,000
Less Revenues	0	0	0	0	0	0
Net City Share	345,000	345,000	345,000	345,000	345,000	3,450,000

Public Buildings

Torpedo Factory Repairs

Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: N/A
Priority: Essential
Strategic Plan Goal: 7 – Caring Community
Location: Waterfront (105 N. Union Street)

Project Summary: 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 facility.

Changes from Prior Year: No changes from prior year.

Project History: The heating, ventilation, and air conditioning (HVAC) system replacement, elevator repairs, and electrical lighting upgrades were completed in March 2007. An allocated balance of \$591,097 remains in this project for future maintenance and repair needs as they are identified, including a roof replacement. The final phase of HVAC system replacement at the Torpedo Factory is scheduled to take place in spring 2012.

Operating Impact: No additional operating impact.

Torpedo Factory Repairs	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Torpedo Factory Repairs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	10,000	10,000

Public Buildings

Mental Health Residential Facilities

Subsection: Public Health & Welfare Facilities
Managing Department: General Services
Supporting Department(s): DCHS
Project Category: 1

Estimated Useful Life of Improvement: 15 years
Priority: Essential
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: This project provides for the capital maintenance and replacement requirements at City-owned and operated group homes. A total of \$1.5 million has been budgeted over ten years (\$150,000/per year) to address these capital maintenance and replacement requirements.

Fiscal Year 2013 - 2015	
Description	Amount
Continuous capital maintenance and replacement requirements such as HVAC, plumbing, electrical, carpentry, roofing, interior and exterior repairs at City-owned and operated housing units to include group homes and apartment buildings. Specific programming for the use of these funds in this fiscal year has not yet been determined.	\$150,000 (FY 2013)
	\$150,000 (FY 2014)
	\$150,000 (FY 2015)

Changes from Prior Year: Funding in the amount of \$150,000 is added for FY 2022.

Project History: The Department of General Services conducted a comprehensive survey of facility conditions at nineteen group homes operated by the City, the Alexandria Community Services Board, and Sheltered Homes of Alexandria. The survey identified approximately \$755,000 in repair and maintenance items at these locations. This project has subsequently incorporated CSB apartments, as well as newly identified repair items in the group homes.

Project History: Phases I & II of the Mental Health Residential renovation program have been completed. Funding in the amount of \$150,000 was allocated in February 2012 to begin Phase III which is scheduled to begin in Spring 2012 and continue through FY 2013.

Operating Impact: No additional operating impact.

Mental Health Residential Facilities	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	150,000	150,000	150,000	150,000	150,000	150,000
Less Revenues	0	0	0	0	0	0
Net City Share	150,000	150,000	150,000	150,000	150,000	150,000

Mental Health Residential Facilities	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	150,000	150,000	150,000	150,000	150,000	1,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	150,000	150,000	150,000	150,000	150,000	1,500,000

Public Buildings

Fire Station Capital Maintenance Facility Plan (CFMP)

Subsection: Public Safety Facilities
 Managing Department: General Services
 Supporting Department(s): Fire Department
 Project Category: 1

Estimated Useful Life of Improvement: 25 years
 Priority: Essential
 Strategic Plan Goal: 6 – Public Safety
 Location: Citywide

Project Summary: This project provides a multi-year funding plan for essential renovations to the City's nine fire stations. Funding in the amount of \$4.0 million has been planned over ten years for continued updating and repairs to the City's fire stations. The following projects are planned for FY 2013 – 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Station 201 - Interior Improvements	\$ 61,000
Station 206 - Interior Renovations & Exterior Improvements	\$ 110,000
Station 207 - Interior Improvements	\$ 55,000
Station 204 - Interior Renovations	\$ 174,000
Total Fiscal Year 2013	\$ 400,000

Fiscal Year 2014	
Description	Amount
Station 206 - Door & Window Project	\$ 96,000
Station 208 - Roof Replacment & Exterior Site Project	\$ 250,000
Station 202 - Door Project	\$ 19,000
Station 205 - Door Project	\$ 35,000
Total Fiscal Year 2014	\$ 400,000

Fiscal Year 2015	
Description	Amount
Station 207 - Electrical Upgrade	\$ 180,000
Station 208 - Exterior site upgrades and door replacement	\$ 80,000
Station 205 - Generator replacement	\$ 80,000
Station 201 - Replace Exterior Doors & Upgrades	\$ 60,000
Total Fiscal Year 2015	\$ 400,000

Changes from Prior Year: Funding in the amount of \$400,000 is added for FY 2022.

Project History: The kitchen renovation at Fire Station 201 has been completed, as well as the geotechnical investigation at Fire Station 207 and the HVAC unit replacements at Fire Station 208.

Operating Impact: No additional operating impact.

Fire Station CFMP	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	400,000	400,000	400,000	400,000	400,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	400,000	400,000	400,000	400,000	400,000

Fire Station CFMP	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	400,000	400,000	400,000	400,000	400,000	4,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	400,000	400,000	400,000	400,000	400,000	4,000,000

Public Buildings

Fire Station 210 (Eisenhower Valley)/Impound Lot

Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 30 years
Priority: Desirable
Strategic Plan Goal: 6 – Public Safety
Location: Eisenhower Valley

Project Summary: This project provides for the design and construction of a new fire station to be located in the Eisenhower Valley at the existing Impound Lot Facility. Additionally, the project will provide training classrooms and training bays for the fire department. The training class rooms will share use with the Police pistol range, which also has an identified need for training class rooms. Due to the reduced size of the site an overflow impound lot will be constructed on Business Center Drive adjacent to the new DASH Facility. Of the total project cost of \$15.1 million, \$13.1 million has been approved in prior fiscal years and \$2.0 million is planned for FY 2013. Additionally, another \$1.0 million is budgeted in FY 2013 to provide for a sufficient owner's project contingency, which is currently at approximately 4% of project costs. This funding is provided only as a project contingency based on the original scope of work and if it not necessary, can be reprogrammed in future year plans.

The completion of this facility will allow for faster emergency response times in the Eisenhower Valley, and in adjacent areas. The project is scheduled to be completed in winter 2013 – 2014.

Changes from Prior Year: \$1.0 million was added to FY 2013 funding to provide for a sufficient project contingency.

Project History: In 2005, a comprehensive needs assessment was commenced to determine the need for any additional stations with special attention to the future needs in the Eisenhower Valley area. The study was a multi-phase project to study response times and service requirements based on established standards.

In FY 2008, the City Manager formed a staff work group to establish a more efficient utilization of the impound lot resulting in the need for less lot space. This change will allow for this City-owned lot, located on Eisenhower Avenue, to be reconfigured and used as the site for the proposed new fire station which will be co-located on the same parcel as the reconfigured and reduced impound lot. The results of the concepts determined that the co-location is feasible with the addition of a secondary relief impound lot storage yard to hold vehicles for auction currently planned to be located on Business Center Drive. The design-build contract was awarded in fall 2011 and \$9.21 million was allocated for preliminary and final plan approvals, as well as Design-Build services. Construction is estimated to begin summer 2012 and be completed in winter 2013 - 2014.

Operating Impact: An additional operating impact of \$2.19 million has been included in the City Manager's Proposed FY 2013 Operating Budget for 12 new fire fighters (full-year of costs) and 8 medics (half year of costs). While the station is under construction, the new fire fighters and medics must begin training in order to be ready for the opening of the fire station. Annual operating costs of approximately \$180,000 will be needed for regular and training and equipment for staff, along with station operating costs.

Fire Station 210 (Eisenhower Ave)/Impound Lot	Unallocated Balance					
		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	3,000,000	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	3,000,000	0	0	0	0

Fire Station 210 (Eisenhower Ave)/Impound Lot						Total FY2013-FY2022
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Expenditures	0	0	0	0	0	3,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	3,000,000

Public Buildings

Burn Building

Subsection: Public Safety Facilities

Managing Department: General Services

Supporting Department(s): Fire Department

Project Category: 2

Estimated Useful Life of Improvement: 25 years

Priority: Highly Desirable

Strategic Plan Goal: 6 – Public Safety

Location: Payne St. near ASA

Project Summary: This project provides \$200,000 in FY 2014 for the demolition of the smoke stack at the Alexandria Fire Department burn building, a two and a half story, 4,040 square foot building. Built in 1999, the burn building is located on Payne Street near the Alexandria Sanitation Authority. 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 facility. A State-funded consultant report has identified a number of renovations and improvements that are needed. The existing smoke stack at the facility still remains a concern; this unnecessary feature has required continued maintenance and repair and is now being planned for demolition. Long-term considerations will need to be considered for the renovation/replacement of the facility as funding becomes available.

Changes from Prior Year: No changes from prior year.

Project History: The City applied for a grant from the Virginia Department of Fire Programs to fund a portion of the renovation and received \$21,000 (much less than the \$400,000 requested). The renovation includes repairs of doors, windows, floors, walls and roofing as well as several building enhancements. Immediate needs were addressed with the funding available.

Operating Impact: No additional operating impact.

Burn Building	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	200,000	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	200,000	0	0	0

Burn Building	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	200,000

Public Buildings

Fire Station 203 (Cameron Mills Road) Expansion

Subsection: Public Safety Facilities

Managing Department: General Services

Supporting Department(s): Fire Department

Project Category: 3

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 6 – Public Safety

Location: 2801 Cameron Mills Road

Project Summary: This project will provide \$6.2 million in funds for the design and future capital investment in Fire Station 203, located on Cameron Mills Road. Response data shows that an added emergency medical unit is warranted in this area, but the current facility was not designed to support the additional unit. An assessment of the existing facility in FY 2010 identified that renovation of the existing facility was not economically feasible due to existing structural constraints and recommended the demolition of the existing structure and construction of a new station on the same site. It is anticipated that this project will provide enhanced EMS service to the surrounding area once an expansion to the existing facility is complete. In FY 2012, programming and conceptual design was completed, and the scope of work is being finalized.

Changes from Prior Year: No changes from prior year.

Operating Impact: This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until the full scope of the project is defined.

Fire Station 203 (Cameron Mills Rd) Expansion	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	600,000	5,600,000	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	600,000	5,600,000	0	0

Fire Station 203 (Cameron Mills Rd) Expansion	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	6,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	6,200,000

Public Buildings

Fire Station 207 (Duke Street)

Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 6 – Public Safety
Location: 3301 Duke Street

Project Summary: This project provides funding for the replacement of Fire Station 207 (3301 Duke Street). This project was identified as a priority facility based on the condition of the existing facility and the need for a more centrally-located City fire station that can accommodate truck and rescue company vehicles and staffing. A total of \$9.7 million is planned, including \$700,000 in FY 2016 for design; \$3.0 million in FY 2017; and \$6.0 million in FY 2018 for construction.

Changes from Prior Year: No changes from prior year.

Operating Impact: This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until the full scope of the project is defined.

Fire Station 207 (Duke Street)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	700,000	3,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	700,000	3,000,000

Fire Station 207 (Duke Street)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	6,000,000	0	0	0	0	9,700,000
Less Revenues	0	0	0	0	0	0
Net City Share	6,000,000	0	0	0	0	9,700,000

Public Buildings

Fire Station 206 (Seminary Road)

Subsection: Public Safety Facilities

Managing Department: General Services

Supporting Department(s): Fire Department

Project Category: 3

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 6 – Public Safety

Location: 4609 Seminary Road

Project Summary: This project provides for the design and construction required for the renovation or the replacement of Fire Station 206 located at 4609 Seminary Road. A total of \$9.7 million over three years has been budgeted as a placeholder amount, including \$700,000 in FY 2017; \$3.0 million in FY 2018 and \$6.0 million funded in FY 2019 for construction.

Changes from Prior Year: No changes from prior year.

Operating Impact: This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until the full scope of the project is defined.

Fire Station 206 (Seminary Rd)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	700,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	700,000

Fire Station 206 (Seminary Rd)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	3,000,000	6,000,000	0	0	0	9,700,000
Less Revenues	0	0	0	0	0	0
Net City Share	3,000,000	6,000,000	0	0	0	9,700,000

Public Buildings

Fire Station 205 (Cameron Street)

Subsection: Public Safety Facilities

Managing Department: General Services

Supporting Department(s): Fire Department

Project Category: 3

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 6 – Public Safety

Location: 1210 Cameron Street

Project Summary: This project provides for design and construction for the renovation or replacement of Fire Station 205 located on Cameron Street. A total of \$9.7 million over three years has been budgeted as a placeholder amount for this project including \$700,000 in FY 2019 for design; followed by \$3.0 million in FY 2020 and \$6.0 million in FY 2021 for construction.

Changes from Prior Year: No changes from prior year.

Operating Impact: This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until the full scope of the project is defined.

Fire Station 205 (Cameron Street)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Fire Station 205 (Cameron Street)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	700,000	3,000,000	6,000,000	0	9,700,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	700,000	3,000,000	6,000,000	0	9,700,000

Public Buildings

Office of Sheriff Capital Facilities Maintenance Plan (CFMP)

Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Sheriff's Office
Project Category: 1

Estimated Useful Life of Improvement: 25 years
Priority: Essential
Strategic Plan Goal: 6 – Public Safety
Location: Citywide

Project Summary: This project provides for system and infrastructure improvements 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) have formed a permanent Task Force, providing oversight for work currently underway; developing a list of priorities; and evaluating new project proposals. A total of \$4.6 million over ten years (\$460,000 annually) is programmed to address capital maintenance requirements. The following projects are planned for FY 2013 – 2015 but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, are subject to change.

Fiscal Year 2013	
Description	Amount
Installation of new cameras	\$ 125,000
Parking lot replacement/repairs/grading	\$ 115,000
Dayroom Housing Service Counters Renovations	\$ 55,000
Bathroom Renovations	\$ 55,000
Carpet/VCT replacement	\$ 75,000
Security/HVAC equipment/controls	\$ 35,000
Total Fiscal Year 2013	\$ 460,000
Fiscal Year 2014	
Description	Amount
Continuous system and infrastructure improvements at the Public Safety Center (PSC, Franklin Backus Courthouse, and William G. Truesdale Detention Center, managed by the Alexandria Sheriff's Office (ASO). Programming for this fiscal year is still to be determined.	\$ 460,000
Total Fiscal Year 2014	\$ 460,000
Fiscal Year 2015	
Description	Amount
Continuous system and infrastructure improvements at the Public Safety Center (PSC, Franklin Backus Courthouse, and William G. Truesdale Detention Center, managed by the Alexandria Sheriff's Office (ASO). Specific programming in this fiscal year is still to be determined.	\$ 460,000
Total Fiscal Year 2015	\$ 460,000

Changes from Prior Year: Funding in the amount of \$460,000 is added for FY 2022.

Project History: In FY 2007, significant improvements were made to security systems at the Public Safety Center and Franklin Backus Courthouse. In addition, the 678 windows at the PSC Detention Center were completely refurbished. In FY 2008, improvements were made to the security management of elevator systems at both facilities. In FY 2011 and FY 2012, the Detention Center kitchen renovation and perimeter security upgrades were completed.

Operating Impact: No additional operating impact.

Public Buildings

(Office of the Sheriff CFMP continued)

Sheriff CFMP	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	460,000	460,000	460,000	460,000	460,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	460,000	460,000	460,000	460,000	460,000

Sheriff CFMP	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	460,000	460,000	460,000	460,000	460,000	4,600,000
Less Revenues	0	0	0	0	0	0
Net City Share	460,000	460,000	460,000	460,000	460,000	4,600,000

Public Buildings

Emergency Operations Center (EOC)/Public Safety Center Re-Use

Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 6 – Public Safety
Location: Public Safety Center

Project Summary: This project provides funding for the establishment of a permanent City Emergency Operations Center (EOC) at the Public Safety Center (PSC). This project will reallocate space vacated by the Police Department following their move to the new Police facility and provide the space required for the EOC, Sheriff's Office, Police Hack Office and Emergency Management storage functions. City Council appropriated \$250,000 in FY 2012 to initiate design for this project and work is anticipated begin in FY 2013. In addition, \$3.515 million is planned in FY 2013 to complete the re-use of the PSC including the EOC.

Changes from Prior Year: Project funding from separate Sheriff's Administration Office Relocation (FY 2014 and FY 2015), and the Emergency Operations Center (FY 2014), along with reprogrammed funding from the Roof Replacement Program (FY 2014) were combined into one project and accelerated to FY 2013.

Project History: Once the Public Safety Center Slab and the new Police Headquarters are completed, the City has the opportunity to construct a new Emergency Operations Center (EOC) in the then-vacated space within the PSC. The exact size and scope of this project, as well as the relationship to the Sheriff operations within the PSC have not been finalized at this point. The City's EOC is currently located at the Lee Center in the same room where Fire training is conducted. The room must be set up each time a major incident occurs. Most major local governments have an EOC that is separate and available at all times.

Operating Impact: Additional operating impact to be determined based on the final scope of work approved.

EOC / Public Safety Center Re-Use	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	3,515,000	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	3,515,000	0	0	0	0

EOC / Public Safety Center Re-Use	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	3,515,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	3,515,000

Public Buildings

K-9 Facility Renovation Project

Subsection: Public Safety Facilities

Managing Department: General Services

Supporting Department(s): Police Department

Project Category: 2

Estimated Useful Life of Improvement: 20 years

Priority: Highly Desirable

Strategic Plan Goal: 6 – Public Safety

Location: Police K-9 Facility

Project Summary: This project will provide for the renovation of the existing Police K-9 Facility. Renovations to training, kennel and office spaces will be completed in addition to flooring designed to deter the spread of common kennel diseases. The City has programmed \$270,000 in FY 2016 to support construction efforts.

Changes from Prior Year: No changes from prior year.

Operating Impact: This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until the full scope of the project is defined.

K-9 Facility Renovation	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	270,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	270,000	0

K-9 Facility Renovation	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	270,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	270,000

Public Buildings

Pistol Range

Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Alexandria Police Department
Project Category: 2

Estimated Useful Life of Improvement: 25 years
Priority: Highly Desirable
Strategic Plan Goal: 6 – Public Safety
Location: 5261 Eisenhower Avenue

Project Summary: This project provides \$1.4 million 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. Environmental tests uncovered high levels of lead residue on surfaces inside of the facility after normal cleaning. It was determined that an improved drainage 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 improve air quality. Arlington County, a major user of the facility, declined to fund the previously agreed to 50 percent of funds necessary to complete this project; however, negotiations with Arlington continue.

Changes from Prior Year: No changes from prior year.

Project History: In January 2008, \$60,000 (\$30,000 in City Share; \$30,000 from Arlington County) was allocated for an improved drainage and filtering system, an environmental cleaning program, a specialized exhaust system, and the design of a roof enclosure and restrooms. The drainage and filtering system was accomplished in FY 2009. The remaining design of the roof structure and ventilation system will begin as funds become available in FY 2017. Arlington County, in the wake of the emerging fiscal crisis declined to fund the previously agreed to 50% of the project costs which severely limited the amount of work that could be completed.

Operating Impact: This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until the full scope of the project is defined.

Pistol Range	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	1,435,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,435,000

Pistol Range	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,435,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,435,000

Public Buildings

Vola Lawson Animal Shelter

Subsection: Public Safety Facilities
 Managing Department: General Services
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: N/A
 Priority: Essential
 Strategic Plan Goal: 6 – Public Safety
 Location: 4101 Eisenhower Avenue

Project Summary: This project provides continuous capital maintenance required at the Vola Lawson Animal Shelter. 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.

Changes from Prior Year: Funding in the amount of \$30,000 is added for FY 2022.

Project History: Construction of the Vola Lawson Animal Shelter was completed in spring 2002 and the facility opened to the public May 16, 2002. Flooring in dog run areas to conform to Health Department standards was installed in spring 2012.

Operating Impact: No additional operating impact.

Vola Lawson Animal Shelter	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	30,000	30,000	30,000	30,000	30,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	30,000	30,000	30,000	30,000	30,000

Vola Lawson Animal Shelter	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	30,000	30,000	30,000	30,000	30,000	300,000
Less Revenues	0	0	0	0	0	0
Net City Share	30,000	30,000	30,000	30,000	30,000	300,000

Public Buildings

Emergency Government Relocation Center

Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
Project Category: 3

Estimated Useful Life of Improvement: 20 years
Priority: Desirable
Strategic Plan Goal: 6 – Public Safety
Location: Lee Center/TBD

Project Summary: This project will provide electrical and cabling infrastructure work at the Lee Center required to provide for emergency contingent operations for the Courthouse or other City facilities should they be negatively affected by a catastrophic event rendering the facilities inoperable for an extended period of time. This project is the result of an extensive study of operations by a City team comprised of Courthouse users, the City Manager's Office, Sheriff, Emergency Management, ITS and General Services. The City will pursue grant funding for other required elements. The City has programmed \$1.2 million in FY 2017 for this project.

As a more specific plan is developed for the City Hall HVAC Replacement project (project description located earlier in this section), the timing of this project may need to be accelerated. This Emergency Government Relocation Center could be a potential temporary location for staff and functions currently housed in City Hall during HVAC installation.

Changes from Prior Year: No changes from prior year.

Operating Impact: This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until the full scope of the project is defined.

Emergency Govt. Relocation Center	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	1,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,200,000

Emergency Govt. Relocation Center	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,200,000

Public Buildings

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TRANSIT & TRANSPORTATION

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Transit & Transportation

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Transit												
South Eisenhower Metrorail Station	4,742,085	0	0	0	0	0	0	0	0	0	0	0
King Street Station Improvements	6,100,000	200,000	0	0	0	0	0	0	1,000,000	0	0	1,200,000
Potomac Yard Metrorail Station	1,200,000	1,000,000	1,700,000	271,100,000	0	0	0	0	0	0	0	273,800,000
WMATA Capital	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000
ADA Access	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Bus Shelters	525,000	236,250	236,250	236,250	0	0	0	0	0	0	0	708,750
DASH Bus Fleet Replacements	2,032,000	3,905,000	4,460,000	4,430,000	3,280,000	7,020,000	6,360,000	4,200,000	3,200,000	3,200,000	4,200,000	44,255,000
DASH Fleet Expansion	4,889,000	0	0	2,600,000	0	0	0	2,200,000	0	0	0	4,800,000
Expanded Trolley/Circulator/Transit Service	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
Hybrid Bus / Trolley Battery Packs	0	0	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	1,500,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	2,000,000	3,000,000	5,000,000
High Capacity Transit Corridors												
Crystal City/Potomac Yard BRT	5,685,553	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "A" BRT Rolling Stock	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
Transit Corridor "A" Streetcar Conversion	1,000,000	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Transit Corridor "A" Widening	600,000	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" Construction	2,100,000	800,000	1,800,000	13,300,000	1,200,000	0	0	0	0	0	0	17,100,000
Transit Corridor "C" Rolling Stock	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
Transit Corridor "B" Construction	0	0	0	0	0	0	0	0	0	0	700,000	700,000
Non-Motorized Transportation												
Access to Transit	1,838,000	0	0	0	0	0	0	0	0	0	0	0
Edsall and South Pickett Pedestrian Imprv.	120,000	0	0	0	0	0	0	0	0	0	0	0
Wilkes Street Bikeway	180,000	0	0	0	0	0	0	0	0	0	0	0
BRAC Neighborhood Protection Plan	510,000	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	2,034,800	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
Mt. Vernon Trail @ East Abingdon	250,000	50,000	450,000	0	0	0	0	0	0	0	0	500,000
Capital Bikeshare	0	400,000	100,000	110,000	120,000	260,000	270,000	0	0	0	0	1,260,000
Non-Motorized Transportation (Complete St)	448,088	165,000	220,857	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	2,545,857
Non-Motorized Transportation (Safety)	420,000	100,000	100,000	100,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,800,000
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
Bicycle Parking at Major Transit Stops	0	0	0	25,000	225,000	0	0	0	0	0	0	250,000
Braddock Rd. Metro Multimodal Connections	0	0	0	600,000	550,000	0	0	0	0	0	0	1,150,000
Old Cameron Run Trail	0	0	0	500,000	3,000,000	0	0	0	0	0	0	3,500,000
Backlick Run Multi-Use Paths	0	0	0	0	0	200,000	3,000,000	0	0	0	0	3,200,000

Transit & Transportation

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Streets & Bridges												
Edsall Road	1,460,904	0	0	0	0	0	0	0	0	0	0	0
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.	448,000	5,400,000	0	0	0	0	0	0	0	0	0	5,400,000
Bridge Repairs	600,000	600,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
Street/Alley Reconstructions & Extensions	775,024	300,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,700,000
Miscellaneous Undergrounding	90,000	50,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	860,000
Mt. Vernon Ave/Russell Road Intersection	0	0	0	100,000	900,000	0	0	0	0	0	0	1,000,000
Madison & Montgomery Reconstruction	0	0	0	0	500,000	3,250,000	3,000,000	0	0	0	0	6,750,000
Street Reconstructions TBD	0	0	0	0	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	13,000,000
Duke Street Complete Streets	0	0	0	0	0	0	0	0	210,000	2,100,000	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
Fixed Transportation Equipment												
Fixed Transportation Equipment	\$450,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$1,450,000	\$850,000	\$850,000	\$2,350,000	\$850,000	\$10,600,000
Retrofit Traffic Lights with LED Technology	125,000	125,000	0	0	0	0	0	0	0	0	0	125,000
Transportation Technologies	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Parking Technologies	0	0	0	250,000	260,000	270,000	280,000	0	0	0	0	1,060,000
Transit & Transportation Total	\$54,233,677	\$28,059,250	\$21,025,107	\$307,919,250	\$21,853,000	\$23,488,000	\$26,098,000	\$18,888,000	\$16,898,000	\$21,288,000	\$24,388,000	\$509,904,607
Less Total Non-City Revenue	\$36,997,058	\$5,391,250	\$3,846,250	\$3,251,250	\$3,735,000	\$4,350,000	\$3,710,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$28,283,750
Total Net City Costs	\$17,236,619	\$22,668,000	\$17,178,857	\$304,668,000	\$18,118,000	\$19,138,000	\$22,388,000	\$17,888,000	\$15,898,000	\$20,288,000	\$23,388,000	\$481,620,857

Transit & Transportation

Transit & Transportation Capital Improvement Program FY 2013 – FY 2022 Sources & Uses

The following table provides information on planned sources and uses for the funding provided for transportation improvements in the City. Revenue sources may be changed based on revised project timing or costs. Many projects have more than one revenue source.

Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Potomac Yard Developer Contributions and Special Tax District Revenues												
Potomac Yard Metrorail Station	\$1,200,000	\$1,000,000	\$1,700,000	\$5,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,500,000
P.Y. Developer Contributions/Special Taxes	\$1,200,000	\$1,000,000	\$1,700,000	\$5,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,500,000
Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Potomac Yard Metrorail GO Bonds												
Potomac Yard Metrorail Station	\$0	\$0	\$0	\$265,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$265,300,000
P.Y. Metrorail GO Bonds	\$0	\$0	\$0	\$265,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$265,300,000
Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Non-City Funding (State & Federal Grants)												
Access to Transit	\$1,620,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BRAC Neighborhood Protection Plan	500,000	0	0	0	0	0	0	0	0	0	0	0
Crystal City/Potomac Yard BRT	5,685,553	0	0	0	0	0	0	0	0	0	0	0
DASH Fleet Expansion	950,000	0	0	0	0	0	0	0	0	0	0	0
Edsall Road	460,904	0	0	0	0	0	0	0	0	0	0	0
Edsall and South Pickett Pedestrian Imprv.	120,000	0	0	0	0	0	0	0	0	0	0	0
Eisenhower Avenue Widening	6,098,816	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	1,750,000	0	0	0	0	0	0	0	0	0	0	0
King Street Station Improvements	3,900,000	0	0	0	0	0	0	0	0	0	0	0
King & Beauregard Intersection	7,872,700	0	0	0	0	0	0	0	0	0	0	0
King/Quaker Lane/Braddock Rd. Inter.	448,000	0	0	0	0	0	0	0	0	0	0	0
South Eisenhower Metrorail Station	4,700,085	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" Construction	0	800,000	0	0	0	0	0	0	0	0	0	800,000
Wilkes Street Bikeway	180,000	0	0	0	0	0	0	0	0	0	0	0
Bus Shelters	491,000	236,250	236,250	236,250	0	0	0	0	0	0	0	708,750
Capital Bikeshare	0	400,000	100,000	110,000	120,000	260,000	270,000	0	0	0	0	1,260,000
DASH Bus Fleet Replacements	1,970,000	3,905,000	3,060,000	2,030,000	2,080,000	2,820,000	2,160,000	0	0	0	0	16,055,000
Mt. Vernon Trail @ East Abingdon	250,000	50,000	450,000	0	0	0	0	0	0	0	0	500,000

Transit & Transportation

Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Non-City Funding (State & Federal Grants) - Cont.												
Bicycle Parking at Major Transit Stops	0	0	0	25,000	225,000	0	0	0	0	0	0	250,000
Braddock Rd. Metro Multimodal Connections	0	0	0	600,000	550,000	0	0	0	0	0	0	1,150,000
Parking Technologies	0	0	0	250,000	260,000	270,000	280,000	0	0	0	0	1,060,000
Street Reconstructions TBD	0	0	0	0	500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,500,000
Subtotal, Non-City Funding (State & Federal Grants)	\$36,997,058	\$5,391,250	\$3,846,250	\$3,251,250	\$3,735,000	\$4,350,000	\$3,710,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$28,283,750

Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Transportation Improvement Program GO Bonds												
King/Quaker Lane/Braddock Rd. Inter.	\$0	\$5,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,400,000
Transit Corridor "A" BRT Rolling Stock	0	1,325,000	0	0	0	0	0	0	0	0	0	1,325,000
Transit Corridor "C" Construction	0	0	0	13,300,000	1,200,000	0	0	0	0	0	0	14,500,000
Transit Corridor "C" Rolling Stock	0	0	0	4,460,000	0	0	0	0	0	0	0	4,460,000
Old Cameron Run Trail	0	0	0	0	2,075,000	0	0	0	0	0	0	2,075,000
Backlick Run Multi-Use Paths	0	0	0	0	0	0	1,970,000	0	0	0	0	1,970,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	640,000	3,000,000	3,640,000
Transit Corridor "A" Streetcar Conversion	0	0	0	0	0	0	0	0	0	0	1,350,000	1,350,000
Subtotal, Transportation Imprv. Program GO Bonds	\$0	\$6,725,000	\$0	\$17,760,000	\$3,275,000	\$0	\$1,970,000	\$0	\$0	\$640,000	\$4,350,000	\$34,720,000

Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Transportation Improvement Program Cash Capital												
Transit Corridor "A" Widening	600,000	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "A" BRT Rolling Stock	0	2,675,000	0	0	0	0	0	0	0	0	0	2,675,000
King Street Station Improvements	2,200,000	200,000	0	0	0	0	0	0	1,000,000	0	0	1,200,000
Holmes Run Greenway	250,000	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
Transportation Technologies	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Transit Corridor "C" Construction	2,100,000	0	1,800,000	0	0	0	0	0	0	0	0	1,800,000
Expanded Trolley/Circulator/Transit Service	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
Transit Corridor "C" Rolling Stock	0	0	0	540,000	0	0	0	0	0	0	0	540,000
DASH Fleet Expansion	3,900,000	0	0	2,600,000	0	0	0	2,200,000	0	0	0	4,800,000
Old Cameron Run Trail	0	0	0	500,000	925,000	0	0	0	0	0	0	1,425,000
Mt. Vernon Ave/Russell Road Intersection	0	0	0	100,000	900,000	0	0	0	0	0	0	1,000,000
Backlick Run Multi-Use Paths	0	0	0	0	0	200,000	1,030,000	0	0	0	0	1,230,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	1,360,000	0	1,360,000
Duke Street Complete Streets	0	0	0	0	0	0	0	0	210,000	2,100,000	0	2,310,000

Transit & Transportation

Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Transit Corridor "A" Streetcar Conversion	1,000,000	0	0	0	0	0	0	0	0	0	1,650,000	1,650,000
Transit Corridor "B" Construction	0	0	0	0	0	0	0	0	0	0	700,000	700,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	0	0	0	500,000	500,000
High Street Construction	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Subtotal, Transportation Imprv. Program Cash Cap.	\$10,150,000	\$6,425,000	\$4,850,000	\$3,990,000	\$2,075,000	\$450,000	\$1,280,000	\$2,450,000	\$1,460,000	\$3,710,000	\$3,600,000	\$30,290,000
Transportation & Transit Source/Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Base CIP - Cash Capital and General Obligation Bonds												
Access to Transit	\$218,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
South Eisenhower Metrorail Station	42,000	0	0	0	0	0	0	0	0	0	0	0
Edsall Road	1,000,000	0	0	0	0	0	0	0	0	0	0	0
King & Beauregard Intersection	380,562	0	0	0	0	0	0	0	0	0	0	0
Eisenhower Avenue Widening	130,000	0	0	0	0	0	0	0	0	0	0	0
Bus Shelters	34,000	0	0	0	0	0	0	0	0	0	0	0
BRAC Neighborhood Protection Plan	10,000	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	34,800	0	0	0	0	0	0	0	0	0	0	0
DASH Fleet Expansion	39,000	0	0	0	0	0	0	0	0	0	0	0
Retrofit Traffic Lights with LED Technology	125,000	125,000	0	0	0	0	0	0	0	0	0	125,000
Fixed Transportation Equipment	450,000	850,000	850,000	850,000	850,000	850,000	1,450,000	850,000	850,000	2,350,000	850,000	10,600,000
ADA Access	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
WMATA Capital	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000
Non-Motorized Transportation (Complete S.)	448,088	165,000	220,857	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	2,545,857
Non-Motorized Transportation (Safety)	420,000	100,000	100,000	100,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,800,000
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
Bridge Repairs	600,000	600,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
Street/Alley Reconstructions & Extensions	775,024	300,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,700,000
Miscellaneous Undergrounding	90,000	50,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	860,000
DASH Bus Fleet Replacements	62,000	0	1,400,000	2,400,000	1,200,000	4,200,000	4,200,000	4,200,000	3,200,000	3,200,000	4,200,000	28,200,000
Hybrid Bus / Trolley Battery Packs	0	0	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	1,500,000
Madison & Montgomery Reconstruction	0	0	0	0	500,000	3,250,000	3,000,000	0	0	0	0	6,750,000
Street Reconstructions TBD	0	0	0	0	500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,500,000
Subtotal, Base CIP - Cash Capital and GO Bonds	\$5,886,619	\$8,518,000	\$10,628,857	\$11,818,000	\$12,768,000	\$18,688,000	\$19,138,000	\$15,438,000	\$14,438,000	\$15,938,000	\$15,438,000	\$142,810,857
Transit & Transportation Total	\$54,233,677	\$28,059,250	\$21,025,107	\$307,919,250	\$21,853,000	\$23,488,000	\$26,098,000	\$18,888,000	\$16,898,000	\$21,288,000	\$24,388,000	\$509,904,607

Transit & Transportation

Transit Improvement Program (TIP) FY 2013 – FY 2022 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	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-FY 22
TIP Cash Capital	\$0	\$909,044	\$909,044	\$991,881	\$951,534	\$950,113	\$1,798,182	\$2,109,044	\$2,109,044	\$2,109,044	\$2,109,044	\$14,945,974
TIP Reserved Real Estate Tax Rate	0	7,475,774	7,737,426	8,046,923	8,449,269	8,956,225	9,493,599	10,063,215	10,667,008	11,307,028	11,985,450	94,181,915
TIP General Obligation Bonds	0	6,725,000	0	17,760,000	3,275,000	0	1,970,000	0	0	640,000	4,350,000	34,720,000
Use of Fund Balance	0	\$0	\$76,230	\$223,422	\$239,930	\$562,441	\$233,433	\$424,629	\$266,055	\$1,170,420	\$500,650	\$0
Total TIP Revenues	\$0	\$15,109,818	\$8,722,700	\$27,022,226	\$12,915,733	\$10,468,779	\$13,495,214	\$12,596,888	\$13,042,107	\$15,226,492	\$18,945,144	\$143,847,889

Details of Operating Expenditures

Transportation Improvement Program (TIP) Operating Expenditures	FY 2012 (Unallocated)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-FY 22
Transit Corridor "A" Operations	\$0	\$0	\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$17,000,000
Transit Corridor "B" Operations	0	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" Operations	0	0	0	0	0	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	14,400,000
DASH Bus Expanded Service	0	1,000,000	1,332,000	1,332,000	2,322,080	2,322,080	2,322,080	2,322,080	2,872,080	2,872,080	2,872,080	21,568,560
Expanded Trolley/Circulator Service	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	5,600,000
¹ Transportation Implementation Staff	\$164,009	\$65,900	\$150,858	\$153,875	\$156,953	\$160,092	\$163,294	\$166,559	\$169,891	\$173,288	\$176,754	\$1,537,464
Total TIP Operating Costs	\$864,009	\$1,765,900	\$3,182,858	\$4,185,875	\$5,179,033	\$7,582,172	\$7,585,374	\$7,588,639	\$8,141,971	\$8,145,368	\$8,148,834	\$61,506,024
TIP Debt Service	\$0	\$117,688	\$466,419	\$846,421	\$1,824,259	\$2,203,174	\$2,235,211	\$2,292,193	\$2,269,716	\$2,230,474	\$2,292,508	\$16,778,063

¹ Assumes staff person won't be hired until January 2012. Savings in 2011 applied to FY 2013 costs.

Transit & Transportation

Details by Project

Transportation Improvement Program (TIP) Capital Projects Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-FY 22
High Capacity Transit Corridors												
Transit Corridor "C" Construction	\$2,100,000	\$0	\$1,800,000	\$13,300,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$16,300,000
Transit Corridor "C" BRT Rolling Stock	\$0	0	0	5,000,000	0	0	0	0	0	0	0	\$5,000,000
Transit Corridor "A" Widening	600,000	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "A" BRT Rolling Stock	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
Transit Corridor "A" Streetcar Conversion	1,000,000	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Transit Corridor "B" Construction	0	0	0	0	0	0	0	0	0	0	700,000	700,000
Public Transit												
DASH Fleet Expansion	3,900,000	0	0	2,600,000	0	0	0	2,200,000	0	0	0	4,800,000
Expanded Trolley/Circulator/Transit Service	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
King Street Station Improvements	2,200,000	200,000	0	0	0	0	0	0	1,000,000	0	0	1,200,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	2,000,000	3,000,000	5,000,000
Fixed Transportation Equipment												
Transportation Technologies	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Non-Motorized Transportation												
Holmes Run Greenway	250,000	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
Old Cameron Run Trail	0	0	0	500,000	3,000,000	0	0	0	0	0	0	3,500,000
Backlick Run Multi-Use Paths	0	0	0	0	0	200,000	3,000,000	0	0	0	0	3,200,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Streets & Bridges												
King/Quaker/Braddock Intersection	0	5,400,000	0	0	0	0	0	0	0	0	0	5,400,000
Mt. Vernon Ave/Russell Road Intersection	0	0	0	100,000	900,000	0	0	0	0	0	0	1,000,000
Duke Street Complete Streets	0	0	0	0	0	0	0	0	210,000	2,100,000	0	2,310,000
High Street Construction	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Total CIP Transportation Imprv. Program	\$10,150,000	\$13,150,000	\$4,850,000	\$21,750,000	\$5,350,000	\$450,000	\$3,250,000	\$2,450,000	\$1,460,000	\$4,350,000	\$7,950,000	\$65,010,000

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PUBLIC TRANSIT

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Transit & Transportation – Public Transit

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Public Transit												
South Eisenhower Metrorail Station	4,742,085	0	0	0	0	0	0	0	0	0	0	0
King Street Station Improvements	6,100,000	200,000	0	0	0	0	0	0	1,000,000	0	0	1,200,000
Potomac Yard Metrorail Station	1,200,000	1,000,000	1,700,000	271,100,000	0	0	0	0	0	0	0	273,800,000
WMATA Capital	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000
ADA Access	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Bus Shelters	525,000	236,250	236,250	236,250	0	0	0	0	0	0	0	708,750
DASH Bus Fleet Replacements	2,032,000	3,905,000	4,460,000	4,430,000	3,280,000	7,020,000	6,360,000	4,200,000	3,200,000	3,200,000	4,200,000	44,255,000
DASH Fleet Expansion	4,889,000	0	0	2,600,000	0	0	0	2,200,000	0	0	0	4,800,000
Expanded Trolley/Circulator/Transit Service	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
Hybrid Bus / Trolley Battery Packs	0	0	0	0	500,000	150,000	250,000	150,000	150,000	150,000	150,000	1,500,000
Landmark Transit Station	0	0	0	0	0	0	0	0	0	2,000,000	3,000,000	5,000,000
Public Transit Total	\$20,398,230	\$11,551,250	\$16,446,250	\$285,756,250	\$11,320,000	\$14,730,000	\$14,170,000	\$14,110,000	\$11,910,000	\$12,910,000	\$14,910,000	\$407,813,750
Less Total Non-City Revenue	\$12,011,085	\$4,141,250	\$3,296,250	\$2,266,250	\$2,080,000	\$2,820,000	\$2,160,000	\$0	\$0	\$0	\$0	\$16,763,750
Total Net City Costs	\$8,387,145	\$7,410,000	\$13,150,000	\$283,490,000	\$9,240,000	\$11,910,000	\$12,010,000	\$14,110,000	\$11,910,000	\$12,910,000	\$14,910,000	\$391,050,000

Transit & Transportation – Public Transit

South Eisenhower Metrorail Station

Subsection: Public Transit

Managing Department: T & ES

Supporting Department(s): N/A

Project Category: 2

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: Eisenhower Valley

Project Summary: The Eisenhower South Metrorail Station project will reconstruct the existing Eisenhower Avenue Metrorail station entrance and bus loop to facilitate the construction of adjacent development. This project will construct a series of improvements around the bus loop at the station including new canopies, new kiss-and-ride area, new shuttle area, street furniture, and a new plaza. The total project is estimated to cost \$4,742,085, will all but \$42,000 in non-City funding (FTA Section 5309 SAFETEA-LU funds, Urban Funds, and RSTP funds). All of these funding sources are part of the prior year unallocated balance. Preliminary engineering and final design phase of the project started in FY 2012.

Changes from Prior Year: Project was part of the Mass Transit (SAFETEA-LU & Urban Funds) project in the Approved FY 2012 – 2021 CIP.

Project History: 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. This 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 must be modified to accommodate the development. For several years, the City of Alexandria has been in discussion with private developers and with WMATA regarding the land immediately adjacent to the Eisenhower Metrorail station. An agreement has been developed by all three parties in which the City must fund a set of improvements at the Eisenhower Metrorail station before they will release land for development. These improvements include renovating the current bus loop, relocating some transit functions, adding a plaza in front of the station, and providing such amenities as canopies and real-time bus information displays.

Operating Impact: No additional operating impact.

South Eisenhower Metrorail Station	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	4,742,085	0	0	0	0	0
Less Revenues	42,000	0	0	0	0	0
Net City Share	4,700,085	0	0	0	0	0

South Eisenhower Metrorail Station	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Public Transit

King Street Station Improvements

Subsection: Public Transit
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Old Town/King Street Metro

Project Summary: The King Street Metro Station is an important element of the regional public transportation system and the primary rail to bus transfer hub in Alexandria. It has become even more important after the U.S. Patent and Trademark Office (PTO) relocated its headquarters to a site approximately 1,600 feet from the King Street Metro station.

The Washington Metropolitan Transit Authority (WMATA) and Alexandria have completed several projects to improve the station itself and the access into the station. The current arrangement of the King Street parking lot and bus lane is inadequate to serve any additional bus service. The project will reconfigure the parking lot and bus lanes to serve additional buses and improve bus safety and efficiency while improving safety for all users and improve station access for bicyclists and pedestrians. A WMATA funded project examined constraints and opportunities that will result in several service design concepts for the parking lot and bus lane at the King Street Metrorail station to provide better access for pedestrians, buses, and other uses of the facility. A total of \$7.0 million in funding (a portion of which has already been allocated) has been identified for this project, with \$4.6 million in State funding and \$2.4 million in reserved funding from the City's Transportation Improvement Program. As of December 2011, the total estimated project cost is \$8.3 million, of which \$1.3 million remains unfunded. The scope of this project is being reassessed to close this budget gap.

Additionally, the project will provide \$1.0 million for additional amenities such as bus shelters with real time transit capability, bicycle parking, and a possible site for a future relocation of the transit store in FY 2020. Funding for this initiative will be provided through reserved funding from the City's Transportation Improvement Program.

Changes from Prior Year: An additional \$200,000 is added to this project in FY 2013 in reserved funding from the City's Transportation Improvement Program. City staff continues to research additional State and Federal funding sources to close the project funding gap.

Operating Impact: The additional operating impact for the larger facility will be approximately \$20,000 annually. When the transit store is relocated, City operating costs would be mostly offset by savings in annual rent payments.

King Street Station Improvements	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	6,100,000	200,000	0	0	0	0
Less Revenues	3,900,000	0	0	0	0	0
Net City Share	2,200,000	0	0	0	0	0

King Street Station Improvements	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	1,000,000	0	0	1,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	1,000,000	0	0	1,000,000

Transit & Transportation – Public Transit

Potomac Yard Metrorail Station

Subsection: Public Transit
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Permanent
 Priority: Essential
 Strategic Plan Goal: 1 – Land Use & Economic Development
 Location: Potomac Yard

Project Summary: 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 (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 when the Metrorail Station opens (projected to open in late 2016).

The City of Alexandria has begun the Environmental Impact Statement (EIS) process in coordination with 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. The WMATA process is consistent with and includes many of the same steps as the federal requirements. It is anticipated that the environmental analysis will be completed in 2014. WMATA could issue a design-build request for proposals in 2014. Construction would last from 2014 to 2016. The station would open near the end of 2016.

The current 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) is 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 has been developed and shows that the station could be financed with the resources that the City would likely obtain from multiple sources including net new tax revenues from Potomac Yard, Special Services Tax Districts and from developer contributions. It is estimated that through the year 2040 Potomac Yard could potentially generate for the City's General Fund \$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, 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 budget for a total \$275.0 million cost.) There would also be firm and sufficient upfront developer payments, so based on projections should be no negative cash impact on the City's General Fund in any given year.

Changes from Prior Year: EIS is underway, are being refined.

Operating Impact: A new Metrorail station will increase the City's operating subsidy to WMATA by approximately \$0.5 million (2016 dollars) 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 ten to \$19.8 million in 2027. Debt service payments will be funded through developer contributions, net new tax revenues generated in Potomac Yard, and Potomac Yard Special Services Tax District levies.

Potomac Yard Metrorail Station	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,200,000	1,000,000	1,700,000	271,100,000	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	1,200,000	1,000,000	1,700,000	271,100,000	0	0

Potomac Yard Metrorail Station	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	273,800,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	273,800,000

Transit & Transportation – Public Transit

WMATA Capital (Bus & Rail Replacement Improvement)

Subsection: Public Transit

Managing Department: T & ES

Supporting Department(s): Office of Management and Budget

Project Category: 1

Estimated Useful Life of Improvement: Varies

Priority: Essential

Strategic Plan Goal: 3 - Transportation

Location: Regional

Project Summary: 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. The new capital funding agreement requires that WMATA keep records of the amount of funds expended. If WMATA has underspent the funds, the City may get some funds back as a credit. 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 the WMATA capital program will not accept. A total of \$73.7 million in City funding over ten years is planned for the WMATA capital contribution.

Project History: 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, this 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.

Changes from Prior Year: Funding in the amount of \$7.55 million is added for FY 2022.

Operating Impact: No additional operating impact.

WMATA Bus/Rail Capital	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000
Less Revenues	0	0	0	0	0	0
Net City Share	900,145	6,200,000	7,240,000	7,380,000	7,530,000	7,550,000

WMATA Bus/Rail Capital	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000
Less Revenues	0	0	0	0	0	0
Net City Share	7,550,000	7,550,000	7,550,000	7,550,000	7,550,000	73,650,000

Transit & Transportation – Public Transit

ADA Access

Subsection: Public Transit
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: 20 years
 Priority: Essential
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: This project provides for improved access for persons with disabilities at bus stops throughout the City. 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. These improvements will bring the bus stop locations up to Americans with Disabilities Act (ADA) guidelines and provide better access to and from bus stops along the public right-of way. Most of these improvements are for locations along pedestrian pathways that lead to and from a number of public facilities as well as bus stops. The absence of access ramps and sidewalks along bus stop routes makes pedestrian travel for persons who use wheelchairs and other mobility aids difficult and dangerous. It becomes increasingly difficult for elderly persons who have 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 dangerous for persons who use wheelchairs and other mobility aids. A total of \$100,000 over ten years (\$10,000/annually) is planned for this project.

Changes from Prior Year: Funding in the amount of \$10,000 is added for FY 2022.

Operating Impact: This project will have no impact on the operating budget. The expenditure of these funds allows people with disabilities to use fixed route transit, rather than paratransit and potentially reduces cost on the paratransit operating budget.

ADA Access	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	10,000	10,000	10,000	10,000	10,000	10,000
Less Revenues	0	0	0	0	0	0
Net City Share	10,000	10,000	10,000	10,000	10,000	10,000

ADA Access	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	10,000	10,000	10,000	10,000	10,000	100,000
Less Revenues	0	0	0	0	0	0
Net City Share	10,000	10,000	10,000	10,000	10,000	100,000

Transit & Transportation – Public Transit

Bus Shelters

Subsection: Public Transit
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 20 years
Priority: Essential
Strategic Plan Goal: 3 - Transportation
Location: Citywide

Project Summary: This project includes funding for the replacement of existing bus shelters at various locations throughout the City, and the construction of new bus shelters when new shelter sites are identified and approved by the City, amenities in bus shelters, as well as the purchase and installation of free standing benches as bus stops. Bus shelters will be erected from FY 2012 to FY 2015 by utilizing funds from an RSTP grant and from three SAFTEA-LU grants. A total of \$1.36 in grant funding is planned for this project, of which \$236,250 will be programmed annually from FY 2013 – 2015, with the balance remaining in allocated and unallocated project balances from prior years.

Changes from Prior Year: Grant funding for FY 2013 – 2015 was adjusted from \$155,000 annually to \$235,250 annually based on total unallocated grant funding available and projected completion schedule.

Project History: The bus shelter program funded the completion of 16 shelters between 2005 and 2008. In 2008, WMATA stopped installing bus shelters, and the City has taken over this activity. At the beginning of FY 2010 the City circulated an RFP to develop the site designs and engineer for the bus shelters and the performance requirements for the shelters, and the chosen consultant is developing these designs for the City. This effort is costing approximately \$135,000. The City is also contracting with another firm to do a historical review required by Section 106, which is costing \$22,000. The replacement of the shelters should begin in FY 2012 and continue into through FY 2015.

Operating Impact: Maintenance of bus shelters throughout the City costs \$30,000 annually. Additional funding for the maintenance of bus shelters may be necessary as new bus shelters are added.

Bus Shelters	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	525,000	236,250	236,250	236,250	0	0
Less Revenues	491,000	236,250	236,250	236,250	0	0
Net City Share	34,000	0	0	0	0	0

Bus Shelters	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	708,750
Less Revenues	0	0	0	0	0	708,750
Net City Share	0	0	0	0	0	0

Transit & Transportation – Public Transit

Alexandria Transit Corporation (ATC) Bus Fleet Expansion

Subsection: Public Transit

Managing Department: T & ES

Supporting Department(s): Alexandria Transit Corporation (DASH)

Project Category: 3

Estimated Useful Life of Improvement: 12 years

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: Citywide

Project Summary: This project provides funding needed to expand the size of the DASH bus fleet. Additional buses are necessary to enhance existing service levels or to add new services. The current City practice calls for new DASH buses to have hybrid power trains. Hybrid buses cost an estimated \$650,000, and result in operational costs savings over their useful lives through reductions in fuel consumption. Hybrid buses are also consistent with the City's Eco-City initiative.

The typical timeframe between the initial bus procurement and service deployment ranges from 12-18 months, so the FY 2012 equipment is not expected to go into service until sometime in FY 2013. A decision on the service to be implemented with these new buses has not been made yet. Likely candidates will be existing DASH routes at capacity during peak hours, additional service for areas with new customers (such as Mark Center), and possibly a new crosstown service to connect commercial uses and activity centers across the east-west corridor of Alexandria. The final decision will be highly dependent upon an analysis of existing DASH service. Future DASH service may be changed to include circulator routes and express or limited-stop service.

A total of \$4.89 million was budgeted in FY 2012 for the purchase of 7 expansion buses, with \$950,000 in Urban Funds supplemented with \$3.9 million in reserved funding from the City's Transportation Improvement Program. Funding in the amount of \$4.8 million is planned for FY 2015 and FY 2019 through the Transportation Improvement Program with \$2.6 million allocated in FY 2015 and \$2.2 million allocated in FY2019.

Changes from Prior Year: Funding for the bus purchase is accelerated from FY 2016 to FY 2015 to account for the long lead time from placing the order to receiving the buses. Funding in the amount of \$2.2 million is added for FY 2022.

Operating Impact: Additional operating impact of \$1.0 million for FY 2013 is provided through the Transportation Improvement Program for nine months of operation, and increases to \$1.33 in FY 2014. An additional \$1.0 million will be added to the Transportation Improvement Program in FY 2016 to account for the FY 2015 expansion, and \$0.55 million in FY 2020 to account for the FY 2019 expansion. By FY 2020, \$2.87 million in additional operating impact will be accounted for from the Transportation Improvement Program.

DASH Bus Fleet Expansion	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	4,889,000	0	0	2,600,000	0	0
Less Revenues	950,000	0	0	0	0	0
Net City Share	3,939,000	0	0	2,600,000	0	0

DASH Bus Fleet Expansion	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	2,200,000	0	0	0	4,800,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	2,200,000	0	0	0	4,800,000

Transit & Transportation – Public Transit

Expanded Trolley/Circulator/Transit Service

Subsection: Public Transit

Managing Department: T & ES

Supporting Department(s): Alexandria Transit Corporation (DASH)

Project Category: 3

Estimated Useful Life of Improvement: 12 years

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: Citywide

Project Summary: This project provides funding for additional trolley or circulator bus purchases. This equipment is necessary to add new trolley/circulator service or to improve the headways on existing service. Hybrid trolleys are estimated to cost \$700,000, and result in operational costs savings over their useful lives through reductions in fuel consumption and are consistent with the Eco-City initiative. Circulator buses, if identified as the desired option, can be obtained for varying amounts of funds, depending upon the life expectancy of the vehicle and type of use projected for the vehicle.

The lead time on these purchases is approximately a year, so they would not go into service until sometime in FY 2015. The specific service this equipment would provide has not yet been determined. The City plans to use an outside service operator to pilot possible new service options over the next few years. Possible options at this time include expansion of the existing King Street Trolley; a new connection between the Del Ray neighborhood, Arlandria, Old Town, Metro stations, and Old Town; or a new north-south route along Union Street from Old Town to Potomac Yard via the Braddock Road Metro station. These routes are very inexact at this time and substantial analysis will be performed before any proposals are brought forward.

A total of \$2.8 million is planned in FY 2014 for the purchase of 4 new hybrid trolleys from the Transportation Improvement Program.

Changes from Prior Year: Based on available resources in the Transportation Improvement Program, FY 2014 funding was reduced from \$3.5 million to \$2.8 million, effectively reducing the number of trolleys by one.

Operating Impact: Additional operating impact of approximately \$700,000 is accounted for in the Transportation Improvement Fund.

Expanded Trolley / Circulator Service	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	2,800,000	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	2,800,000	0	0	0

Expanded Trolley / Circulator Service	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	2,800,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	2,800,000

Transit & Transportation – Public Transit

Hybrid Bus / Trolley Battery Pack Replacement

Subsection: Public Transit

Estimated Useful Life of Improvement: 5-7 years

Managing Department: T & ES

Priority: Essential

Supporting Department(s): Alexandria Transit Corporation (DASH)

Strategic Plan Goal: 3 - Transportation

Project Category: 1

Location:

Project Summary: Beginning in FY 2010, the City changed from the practice of purchasing clean diesel buses to purchasing buses and trolleys with hybrid technology. In hybrid buses and trolleys it is necessary to replace of the large battery packs periodically. Battery packs will have to be replaced after five to seven years of use at approximately \$50,000 per pack. Since the first hybrid buses and trolleys were delivered in calendar year 2011, this capital project will fund the acquisition of these packs beginning in FY 2016. Funding levels may be adjusted annually based on the actual date the hybrid buses and trolleys go in service.

Changes from Prior Year: Funding in the amount of \$150,000 is added for FY 2022.

Operating Impact: No additional operating impact.

Hybrid Bus/Trolley Battery Packs	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	500,000	150,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	500,000	150,000

Hybrid Bus/Trolley Battery Packs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	250,000	150,000	150,000	150,000	150,000	1,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	250,000	150,000	150,000	150,000	150,000	1,500,000

Transit & Transportation – Public Transit

Landmark Transit Station

Subsection: Public Transit

Managing Department: T & ES

Supporting Department(s): N/A

Project Category: 3

Estimated Useful Life of Improvement: Permanent

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: Landmark Mall Area

Project Summary: As part of the redevelopment of the Landmark Mall site and consistent with the City's 2008 Transportation Master Plan, this project is for the construction of an intermodal transit station at, or near, the intersection of transit corridors 'B' and 'C' (Duke Street and Beauregard) 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 will have real time transit information, bus stations, climate controlled waiting facilities, transit information and media fare, bicycle parking and other commuter amenities.

Project funding in the amount of \$5.0 million is planned from FY 2021 – FY 2022, with \$2.0 budgeted in FY 2021 and \$3.0 million in FY 2022. The project is funded through the City's Transportation Improvement Program.

Changes from Prior Year: Based on available resources, project funding has shifted from beginning in FY 2018 to FY 2021. Additional project funding will next to be considered as part of the next ten year Transportation Improvement Program, as total estimated costs are \$6.0 million.

Operating Impact: Operating impacts are unknown at this time; however, there is likely to be a significant operating impact once the facility is constructed and fully operational.

Landmark Transit Station	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Landmark Transit Station	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	2,000,000	3,000,000	5,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	2,000,000	3,000,000	5,000,000

HIGH CAPACITY TRANSIT CORRIDORS

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Transit & Transportation – High Capacity Transit Corridors

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
High Capacity Transit Corridors												
Crystal City/Potomac Yard BRT	5,685,553	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "A" BRT Rolling Stock	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
Transit Corridor "A" Streetcar Conversion	1,000,000	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Transit Corridor "A" Widening	600,000	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" Construction	2,100,000	800,000	1,800,000	13,300,000	1,200,000	0	0	0	0	0	0	17,100,000
Transit Corridor "C" Rolling Stock	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
Transit Corridor "B" Construction	0	0	0	0	0	0	0	0	0	0	700,000	700,000
High Capacity Transit Corridors Total	\$9,385,553	\$4,800,000	\$1,800,000	\$18,300,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$3,700,000	\$29,800,000
Less Total Non-City Revenue	\$5,685,553	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Total Net City Costs	\$3,700,000	\$4,000,000	\$1,800,000	\$18,300,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$3,700,000	\$29,000,000

Transit & Transportation – High Capacity Transit Corridors

Crystal City/Potomac Yard Transit Corridor

Subsection: High Capacity Transit Corridors
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: Permanent
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Potomac Yard

Project Summary: This project provides funding for the construction of a Crystal City/Potomac Yard transit corridor. It is a joint project between the City of Alexandria, Arlington County, the Virginia Department of Rail and Public Transportation (DRPT), and the Washington Metropolitan Area Transit Authority (WMATA). It will provide High Frequency Transit (HFT) service between the Braddock Road Metro station in Alexandria and the Pentagon in Arlington, connecting the Braddock Road and Potomac Yard areas in Alexandria with the Potomac Yard, Crystal City, and Pentagon City areas of Arlington in a continuous transit corridor. The long-term HFT transit mode has yet to be determined but could potentially be a rubber tire rapid transit system or streetcar system. The HFT initially will be a rubber tire rapid transit system coordinated with Arlington County. The City's implementation of this project will coincide with the reconstruction of Route 1 between the Monroe Avenue Bridge and 4 Mile Run by Potomac Yard Development (PYD) which is expected begin in calendar year 2012.

Changes from Prior Year: No changes from prior year.

Project History: Since the original site plan was approved for Potomac Yard in 1999, the City has been studying and then designing a transit service which will provide a quality transit service to the Yard. In addition to smaller studies, a major Alternatives Analysis study, an Implementation Study, and an Environmental Assessment have concluded that a transitway, to be used by rubber tire vehicles initially, would provide the best transit service in a corridor generally parallel to Route 1, between the Braddock Road Metro Station and the Pentagon. The City and WMATA have completed the environmental documents necessary to expend Federal funds on this project. While this project will construct a bus way, the City of Alexandria and Arlington County are cooperating in efforts to potentially transition this service to a streetcar in the long-term. In order to do so, substantial federal funds will be needed.

In February 2010 the City received an award notice of \$8.5 million in TIGER funds for this project. The TIGER grant required that funds be obligated by September 30, 2011, and the City met that deadline. Combined with other non-City funding, the total funding received for this project is \$15.9 million and includes TIGER (ARRA), CMAQ, FTA Section 5309 SAFETEA-LU funds, FTA New Start funds and RSTP Funds. The project will be completed through a design-build contract. An unallocated balance of \$5.7 million remains as of January 2012.

Operating Impact: An additional operating impact of \$1.0 million is planned for half a year of operations in FY 2014, and increases to \$2.0 million in FY 2015. The operating impact is factored into the City's Transportation Improvement Program funding.

Crystal City/ Potomac Yard BRT	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Funded	5,685,553	0	0	0	0	0
Less Revenues	5,685,553	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Crystal City/ Potomac Yard BRT	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Funded	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – High Capacity Transit Corridors

Transit Corridor "A" Widening (Route 1)

Subsection: High Capacity Transit Corridors
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: 25 years
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Potomac Yard

Project Summary: This project will provide funding to construct the widening of Route 1 just north of the section being constructed by the Potomac Yard Development (PYD) as part of their development obligations. PYD is responsible for the widening from the Monroe Avenue bridge in the south to E. Glebe Road in the north. The widening will accommodate the dedicated busway (Crystal City-Potomac Yard Transitway) that will be constructed in the median of Route 1. To accommodate the transition of the roadway and the busway, these funds are necessary for construction widening north of E. Glebe Road to Wesmond Avenue. Performing the construction in conjunction with the construction of the roadway to the south will minimize disruption of traffic on Route 1 and reduce costs associated with the mobilization of construction.

This project is being contracted in FY 2012 as a design-build project. The design-build contract is anticipated to be executed in 2012 with the majority of construction taking place in FY 2012, and project completion scheduled for FY 2013. Funding in the amount of \$600,000 from the City's Transportation Improvement Program was provided in FY 2012.

Changes from Prior Year: No changes from prior year.

Operating Impact: No additional operating impact.

Transit Corridor "A" Widening (Route 1)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	600,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	600,000	0	0	0	0	0

Transit Corridor "A" Widening (Route 1)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – High Capacity Transit Corridors

Transit Corridor "A" Streetcars (Route 1)

Subsection: High Capacity Transit Corridors
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: TBD
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Potomac Yard

Project Summary: Conversion of the Crystal City-Potomac Yard dedicated busway along the Route 1 corridor (between north City limit and Braddock Road) to a streetcar system. The project would construct a streetcar system within the dedicated busway right-of-way running through the North Potomac Yard site to the Braddock Road Metro Station, on potentially just to the planned Potomac Yard Metrorail Station. This project assumes no additional right-of-way acquisition or utility relocations.

In FY 2022 \$3.0 million in City funds from the Transportation Improvement Program is budgeted to begin design of the project. Funding is not provided prior to FY 2022 to allow land use development and transit ridership to reach levels that would help warrant the potential conversion to streetcar operations. The total estimated project cost for construction is estimated to exceed \$73.0 million. Without federal funding a large share of this project, it is not a viable project.

Changes from Prior Year: Funding was reduced from \$5.5 million in the Approved FY 2012 – 2021 CIP to \$3.0 million in the Proposed FY 2013 – 2022 CIP based on available resources within the City's Transportation Improvement Program funding.

Project History: Funding in the amount of \$1.0 million from the Transportation Improvement Program in FY 2012 was provided to conduct an environmental analysis in conjunction with Arlington County. The City has signed an agreement with Arlington County for the completion of the environmental analysis. The analysis is a requirement in order to explore options to secure federal funds.

Operating Impact: Additional operating impact is unknown at this time, although very preliminary cost estimates indicate an annual operating impact of over \$2.5 million annually.

Transit Corridor "A" Streetcars (Route 1)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,000,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	1,000,000	0	0	0	0	0

Transit Corridor "A" Streetcars (Route 1)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	3,000,000	3,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	3,000,000	3,000,000

Transit & Transportation – High Capacity Transit Corridors

Transit Corridor "A" BRT Rolling Stock

Subsection: High Capacity Transit Corridors
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: 12 years
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Potomac Yard

Project Summary: A BRT branded vehicle typically includes a vehicle large enough to accommodate large capacity of riders, usually a 60-foot articulated bus. The vehicles are specially branded so that riders can easily identify the vehicle and frequency of the service it provides. The branding characteristics may include a special paint color / scheme, more modern appearance, easy to understand route / service name, signage on the bus, low level boarding, and pre-board payment system to reduce the boarding time.

Bus rapid transit (BRT) is a term applied to a variety of public transportation systems using buses to provide faster, more efficient service than an ordinary bus line. Often this is achieved by making improvements to existing infrastructure, vehicles and scheduling. The characteristics can include a dedicated transitway, increased service frequency, improved stations including real time information and pre-board fare payment, and other intelligent transportation system (ITS) features such as transit signal priority. The goal of these systems is to approach the service quality of rail transit while providing cost savings and flexibility of bus transit.

City funding in the amount of \$4.0 million from City's Transportation Improvement Program is provided in FY 2013.

Changes from Prior Year: Purchase of the rolling stock has been accelerated to FY 2013 to align with the projected construction scheduled and transitway opening.

Operating Impact: An additional operating impact of \$1.0 million is planned for half a year of operations in FY 2014, and increases to \$2.0 million in FY 2015. The operating impact is factored into the City's Transportation Improvement Program funding.

Transit Corridor "A" BRT Rolling Stock	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
		Expenditures	0	4,000,000	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	4,000,000	0	0	0	0

Transit Corridor "A" BRT Rolling Stock	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
	Expenditures	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	4,000,000

Transit & Transportation – High Capacity Transit Corridors

Transit Corridor "C" Construction (Beauregard)

Subsection: High Capacity Transit Corridors
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Permanent
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Beauregard Corridor

Project Summary: 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 generally along the Van Dorn/Beauregard corridor between the Van Dorn Metro station and the border with Arlington to the north. This investment will support the development proposed in the Landmark/Van Dorn Small Area Plan, the Beauregard Corridor Study, and the Mark Center site. Other project aspects include widening Van Dorn Street over Duke Street to accommodate pedestrians and provide multi-modal facilities consistent with the City's 2008 Transportation Master Plan.

The Transitway Corridor Feasibility Study is currently underway. A recommendation was made before City Council which was adopted on September 17, 2011 to build a busway in Corridor C. Once a recommendation is made, the following schedule could be anticipated:

- Completion of Transitway Study / Implementation and Phasing Plan – Complete 2012
- Environmental Assessment / Alternatives Analysis – Begin 2012
- Construction Completed – 2016

The total project cost is estimated at \$39.5 million. Funding assumes Beauregard area developer contributions of at least \$23.0 million (in 2011 dollars) to supplement \$19.2 million in City and grant funds provided from FY 2012 to FY 2016. The City received notification in October 2011 that it would receive \$800,000 of FTA Section 5339 funds, matched by \$200,000 of City funds to perform an Alternatives Analysis, and that funding is programmed into the FY 2013 – 2022 Proposed CIP. Prior year grant funding in the amount of \$1.7 million has been utilized to perform the environmental analysis and some of the preliminary engineering for this project. A total of \$18.4 million in funding from the City's Transportation Improvement Program is applied to this project.

Changes from Prior Year: Funding has been reprogrammed to realign with the anticipated beginning of construction, currently scheduled to begin in FY 2015.

Operating Impact: Once fully operational, annual operating costs are estimated at \$2.4 million beginning in FY 2017. These operating costs have been factored into the City's ten year Transportation Improvement Program.

Transit Corridor "C" Construction (Beauregard)	Unallocated Balance					
		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	2,100,000	800,000	1,800,000	13,300,000	1,200,000	0
Less Revenues	0	800,000	0	0	0	0
Net City Share	2,100,000	0	1,800,000	13,300,000	1,200,000	0

Transit Corridor "C" Construction (Beauregard)						Total FY2013-FY2022
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Expenditures	0	0	0	0	0	17,100,000
Less Revenues	0	0	0	0	0	800,000
Net City Share	0	0	0	0	0	16,300,000

Transit & Transportation – High Capacity Transit Corridors

Transit Corridor "C" BRT Rolling Stock

Subsection: High Capacity Transit Corridors
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: 12 years
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Beauregard Corridor

Project Summary: A BRT branded vehicle typically includes a vehicle large enough to accommodate large capacity of riders, usually a 60-foot articulated bus. The vehicles are specially branded so that riders can easily identify the vehicle and frequency of the service it provides. The branding characteristics may include a special paint color / scheme, more modern appearance, easy to understand route / service name, signage on the bus, low level boarding, and pre-board payment system to reduce the boarding time.

Bus rapid transit (BRT) is a term applied to a variety of public transportation systems using buses to provide faster, more efficient service than an ordinary bus line. Often this is achieved by making improvements to existing infrastructure, vehicles and scheduling. The characteristics can include a dedicated transitway, increased service frequency, improved stations including real time information and pre-board fare payment, and other intelligent transportation system (ITS) features such as transit signal priority. The goal of these systems is to approach the service quality of rail transit while providing cost savings and flexibility of bus transit.

Funding in the amount of \$5.0 million from the City's Transportation Improvement Fund is applied to this project in FY 2015.

Changes from Prior Year: Purchase of the rolling stock has been accelerated to FY 2013 to align with the projected construction scheduled and transitway opening.

Operating Impact: Once fully operational, annual operating costs are estimated at \$2.4 million beginning in FY 2017. These operating costs have been factored into the City's ten year Transportation Improvement Program.

Transit Corridor "C" BRT Rolling Stock	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	5,000,000	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	5,000,000	0	0

Transit Corridor "C" BRT Rolling Stock	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	5,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	5,000,000

Transit & Transportation – High Capacity Transit Corridors

Transit Corridor “B” Construction (Duke Street)

Subsection: High Capacity Transit Corridors
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Permanent
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Duke Street Corridor

Project Summary: 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 generally along the Duke Street/Eisenhower Avenue corridor between the western City limit and Old Town. A Transitway Corridor Feasibility study is currently underway which will recommend alignment, mode, ridership and station locations. Further land use projections will be necessary to determine corridor demand for this service.

The total project cost is estimated at \$32.5 million. Funding assumes developer contributions of at least \$10.0 million to supplement \$22.5 in City funds to construct the project. Only \$700,000 from the City's Transportation Improvement Fund for design in FY 2022 is programmed for this project in the current ten year plan. Additional funding will be considered as part of future year plans.

Changes from Prior Year: Project funding (\$22.5 million in the Approved FY 2012 – 2021 CIP) has been shifted to beyond the timeframe of the current ten year plan. Once additional operating impacts from Transit Corridor A, Transit Corridor C, and expanded DASH bus service were factored into the ten year Transportation Improvement Program, some capital costs were required to be deferred and considered with future plans.

Operating Impact: Once constructed, annual operating costs are expected to exceed \$2.0 million.

Transit Corridor "B" Construction (Duke Street)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit Corridor "B" Construction (Duke Street)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	700,000	700,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	700,000	700,000

NON-MOTORIZED TRANSPORTATION

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Transit & Transportation – Non-Motorized Transportation

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Non-Motorized Transportation												
Access to Transit	1,838,000	0	0	0	0	0	0	0	0	0	0	0
Edsall and South Pickett Pedestrian Imprv.	120,000	0	0	0	0	0	0	0	0	0	0	0
Wilkes Street Bikeway	180,000	0	0	0	0	0	0	0	0	0	0	0
BRAC Neighborhood Protection Plan	510,000	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway/Eisenhower East	2,034,800	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
Mt. Vernon Trail @ East Abingdon	250,000	50,000	450,000	0	0	0	0	0	0	0	0	500,000
Capital Bikeshare	0	400,000	100,000	110,000	120,000	260,000	270,000	0	0	0	0	1,260,000
Non-Motorized Transportation (Mobility)	448,088	165,000	220,857	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	2,545,857
Non-Motorized Transportation (Safety)	420,000	100,000	100,000	100,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,800,000
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
Bicycle Parking at Major Transit Stops	0	0	0	25,000	225,000	0	0	0	0	0	0	250,000
Braddock Rd. Metro Multimodal Connections	0	0	0	600,000	550,000	0	0	0	0	0	0	1,150,000
Old Cameron Run Trail	0	0	0	500,000	3,000,000	0	0	0	0	0	0	3,500,000
Backlick Run Multi-Use Paths	0	0	0	0	0	200,000	3,000,000	0	0	0	0	3,200,000
Non-Motorized Transportation Total	\$5,918,888	\$4,133,000	\$988,857	\$1,723,000	\$4,783,000	\$1,348,000	\$4,158,000	\$888,000	\$888,000	\$888,000	\$888,000	\$20,685,857
Less Total Non-City Revenue	\$4,420,000	\$450,000	\$550,000	\$735,000	\$895,000	\$260,000	\$270,000	\$0	\$0	\$0	\$0	\$3,160,000
Total Net City Costs	\$1,498,888	\$3,683,000	\$438,857	\$988,000	\$3,888,000	\$1,088,000	\$3,888,000	\$888,000	\$888,000	\$888,000	\$888,000	\$17,525,857

Transit & Transportation – Non-Motorized Transportation

Access to Transit

Subsection: Non-Motorized Transportation
Managing Department: T & ES
Supporting Department(s):
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: West End

Project Summary: This project is funded by two grants for mobility improvements within 1/16-mile of bus stops, 1/8-mile of future high-capacity transit corridors or 1/2-mile of Metrorail stops. The first grant is a \$1,237,500 project to provide sidewalks on Madison Street, Eisenhower Avenue, King Street and Russell Road. This project includes a \$248,000 match (20%) and a \$990,000 grant from the Federal Transit Administration. The city share of this project was funded in FY 2010, and preliminary engineering began in 2011. To date, \$150,000 (\$120,000 federal; \$30,000 City) has been allocated.

A second grant, \$750,000 in CMAQ funding through VDOT, 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 will begin in 2012. There have been no allocations to date associated with this grant.

Changes from Prior Year: Project was part of the Non-Motorized (Complete Streets) project in prior ten year plan.

Operating Impact: No additional operating impact.

Access to Transit	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,838,000	0	0	0	0	0
Less Revenues	218,000	0	0	0	0	0
Net City Share	1,620,000	0	0	0	0	0

Access to Transit	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

Edsall and South Pickett Pedestrian Improvements

Subsection: Non-Motorized Transportation
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: 25 years
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: West End

Project Summary: 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. The project has an estimated total project cost of \$120,000 and is scheduled to begin in 2012. This project is funded by \$120,000 in VDOT/federal grant funding and requires no city share.

Changes from Prior Year: Project was part of the Non-Motorized (Safety) project in prior ten year plan.

Operating Impact: No additional operating impact.

Edsall and S. Pickett Pedestrian Imprv.	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	120,000	0	0	0	0	0
Less Revenues	120,000	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Edsall and S. Pickett Pedestrian Imprv.	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

Wilkes Street Bikeway

Subsection: Non-Motorized Transportation

Managing Department: T & ES

Supporting Department(s): Recreation & Parks

Project Category: 3

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: South Old Town

Project Summary: This project involves bicycle improvements to Wilkes Street which provides an on-road east-west bikeway connection between major shared-use paths. The proposed scope of this project includes bicycle signal detection and associated signalization improvements, bicycle lanes, bicycle intersection safety features, wayfinding signage, curb ramp improvements, and crosswalk markings. The total estimated project cost is \$180,000. It is funded through a VDOT Regional Surface Transportation Program (RSTP) grant to the City. This project will begin in 2012.

Changes from Prior Year: Project was part of the Non-Motorized (Complete Streets) project in prior ten year plan.

Operating Impact: No additional operating impact.

Wilkes Street Bikeway	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	180,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	180,000	0	0	0	0	0

Wilkes Street Bikeway	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

BRAC Neighborhood Protection Plan

Subsection: Non-Motorized Transportation
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Varies
 Priority: Highly Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: BRAC Area/Neighborhoods

Project Summary: Since the opening of the BRAC-133 facility in fall 2011, 6,400 new employees will be arriving to the site daily, many of which will generate significant new traffic on the surrounding roadway network. In order to address community concerns regarding cut-through traffic on local and residential streets, a proposed Neighborhood Protection Plan is in the early stages of being developed.

The boundaries of the proposed Neighborhood Protection Plan for the BRAC-133 facility, including sixteen roadways sections that may benefit from traffic calming or cut-through traffic mitigation measures, are shown on Attachment 1. This Attachment has been presented to the BRAC-133 Advisory Group. All identified roadways sections will be counted prior to the opening of the BRAC facility to provide baseline speed and volume data. These counts were completed in the spring of 2011. Follow up counts were conducted in the fall of 2012 (after the BRAC facility was fully occupied) 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 will see quantifiable increases in traffic and would be eligible for physical improvements through the proposed Neighborhood Protection Plan. Total project funding is \$700,000. City funding in the amount of \$200,000 was allocated in May 2011, and the remaining \$500,000 is anticipated to come from redirected Urban Funds previously associated with the Eisenhower Avenue Widening project.

Changes from Prior Year: No changes from prior year.

Operating Impact: No additional operating impact.

BRAC Neighborhood Protection Plan	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	510,000	0	0	0	0	0
Less Revenues	500,000	0	0	0	0	0
Net City Share	10,000	0	0	0	0	0

BRAC Neighborhood Protection Plan	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

Holmes Run Greenway

Subsection: Non-Motorized Transportation

Managing Department: T & ES

Supporting Department(s): Recreation & Parks

Project Category: 3

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: West End

Project Summary: This project includes 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. 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 2012. 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 \$5.6 million. \$2.0 million in VDOT grant funding has already been acquired (with \$250,000 being allocated in FY 2011) and requires no city share. That funding will be supplemented with \$3.6 million in City funds from the City's Transportation Improvement Program.

Changes from Prior Year: No changes from prior year.

Operating Impact: Future impacts to the operating budget include periodic re-striping and re-surfacing.

Holmes Run Greenway	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	2,034,800	3,300,000	0	0	0	0
Less Revenues	1,750,000	0	0	0	0	0
Net City Share	284,800	3,300,000	0	0	0	0

Holmes Run Greenway	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	3,300,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	3,300,000

Transit & Transportation – Non-Motorized Transportation

Mount Vernon Trail at East Abingdon

Subsection: Non-Motorized Transportation
 Managing Department: T & ES
 Supporting Department(s):
 Project Category: 3

Estimated Useful Life of Improvement: 25 years
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location:

Project Summary: This project is to 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. The total project cost is estimated at \$750,000. The project is funded by \$250,000 in VDOT grant funding which requires no city share, through a SAFETEA-LU designation that is administered through the Northern Virginia Regional Commission (NVRC) and through CMAQ funding in FY 2013 and FY 2014 totaling \$500,000.

Changes from Prior Year: This project was described in the Shared-Use Paths project in prior years.

Operating Impact: Future impacts to the operating budget include periodic re-striping and re-surfacing.

Mt. Vernon Trail @ East Abingdon	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	250,000	50,000	450,000	0	0	0
Less Revenues	0	50,000	450,000	0	0	0
Net City Share	250,000	0	0	0	0	0

Mt. Vernon Trail @ East Abingdon	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	500,000
Less Revenues	0	0	0	0	0	500,000
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

Capital Bikeshare

Subsection: Non-Motorized Transportation
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Citywide

Project Summary: While the City is making improvements on many fronts to encourage more sustainable transportation choices, one major goal in the City's Transportation Master Plan is to implement a bicycle sharing program. Public bicycle transit or "bike sharing" is a service where public bicycles are made available for shared use. Users can pick up and drop off bikes at designated stations by 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 residential development.

Capital Bikeshare was implemented in Arlington County and the District of Columbia in 2010 as the largest bike share program in the country. Alexandria will join the Capital Bikeshare network and begin implementation with six bike share stations as a pilot program in Old Town. The program will expand to Carlyle and other neighborhoods adjacent to Old Town when additional funding becomes available. The City will fund the bikeshare pilot program through \$400,000 in prior year RSTP funds and \$400,000 in FY 2013 Congestion Mitigation Area Quality (CMAQ) federal grant funds. The project is funded entirely with CMAQ funding from FY 2013 – 2018 totaling \$1.26 million.

Changes from Prior Year: This is a new project in the CIP.

Operating Impact: Initially operating costs of the program will be covered by revenues and through TMP funds, but as the program potentially expands, staff will need to seek additional funding sources for staff to operate and manage the program.

Capital Bikeshare	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	400,000	100,000	110,000	120,000	260,000
Less Revenues	0	400,000	100,000	110,000	120,000	260,000
Net City Share	0	0	0	0	0	0

Capital Bikeshare	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	270,000	0	0	0	0	1,260,000
Less Revenues	270,000	0	0	0	0	1,260,000
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

Non-Motorized Transportation (Complete Streets)

Subsection: Non-Motorized Transportation
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: 25 years
 Priority: Essential
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: This project funds maintenance and 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." A total of \$2.55 million in City funding is planned for this project over ten years.

Changes from Prior Year: Access to Transit and Wilkes Street Bikeway projects were moved from this project to "stand-alone" projects to highlight the work being completed. Funding in the amount of \$270,000 is added for FY 2022.

Project History: According to the Metropolitan Washington Council of Governments 2007-08 Regional Household Commuter Survey, 9 percent of all commuting trips in Alexandria are bicycling or walking trips. This represents an increase of 5.5 percent since 1994 and places Alexandria second in the region after Washington, DC. At \$2.55 million over ten years, the current total project cost for Non-Motorized Transportation Complete Streets reflects a small portion of the anticipated need for pedestrian and bicycle improvements as identified in the City's Pedestrian and Bicycle Mobility Plan. The City continues to identify grant opportunities to fund non-motorized transportation safety projects and leverage City funding in order to construct additional improvements. Over twenty-five pedestrian and bicycle improvements were installed in 2011, including accessibility improvements to the Duke Street/South Ingram bus stop, sidewalk replacement on North Morgan Street adjacent to the Holmes Run Trail, and bicycle parking on King Street.

Operating Impact: This project requires on-going operating support through T&ES, and is funded through the T&ES annual operating budget.

Non-Motorized Transportation (Complete Streets)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	448,088	165,000	220,857	270,000	270,000	270,000
Less Revenues	0	0	0	0	0	0
Net City Share	448,088	165,000	220,857	270,000	270,000	270,000

Non-Motorized Transportation (Complete Streets)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	270,000	270,000	270,000	270,000	270,000	2,545,857
Less Revenues	0	0	0	0	0	0
Net City Share	270,000	270,000	270,000	270,000	270,000	2,545,857

Transit & Transportation – Non-Motorized Transportation

Non-Motorized Transportation (Safety)

Subsection: Non-Motorized Transportation
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: 25 years
 Priority: Essential
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: This project funds both the maintenance of existing Neighborhood Safety Transportation Enhancement Program (iN-STEP) facilities and the implementation of new iN-STEP projects. iN-STEP projects are physical safety measures within the right-of-way to preserve neighborhoods and enhance safety. The measures may divert cut-through traffic, lower traffic speeds, highlight pedestrian crossing areas, and can include specialized signals, sidewalks, markings and signage, crossing islands, and detection devices at intersections. Improvements are implemented at locations identified as high-priority in the City's Transportation Master Plan and Pedestrian and Bicycle Mobility Plan and are typically located at high-crash locations or multi-modal hubs, such as transit stops. Projects include sidewalks on Van Dorn Street between Kenmore Avenue and Braddock Road, intersection safety improvements at Four Mile Run Drive and Mount Vernon Avenue, and traffic calming projects that meet City criteria. A total of \$3.8 million over ten years is planned for this project.

Changes from Prior Year: Edsall and South Pickett Pedestrian Improvements were moved from this project to "stand-alone" projects to highlight the work being completed. Funding in the amount of \$500,000 is added for FY 2022.

Project History: At \$3.8 million in City funds over ten years, the current request for Non-Motorized Transportation Safety funding reflects only a small portion of the need for iN-STEP projects. The iN-STEP program, both the program coordinator and funding for the improvements, was eliminated in 2009, and as a result, there two dozen requests for projects that need to be addressed, in addition to improvements recommended in the Pedestrian and Bicycle Mobility Plan. The City continues to identify grant opportunities to fund these projects and leverage City funding for the construction of additional bicycle and pedestrian safety improvements and to respond to resident requests for safety improvements. In 2011, pedestrians improvements were installed at the intersection of Russell Road and Cedar Street, and speed cushions were installed on Russell Road, North Morgan Street, Holmes Run Parkway, and North Pickett Street.

Operating Impact: This project requires on-going operating support through T&ES, and is funded through the T&ES annual operating budget.

Non-Motorized Transportation (Safety)	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	420,000	100,000	100,000	100,000	500,000	500,000
Less Revenues	0	0	0	0	0	0
Net City Share	420,000	100,000	100,000	100,000	500,000	500,000

Non-Motorized Transportation (Safety)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	500,000	500,000	500,000	500,000	500,000	3,800,000
Less Revenues	0	0	0	0	0	0
Net City Share	500,000	500,000	500,000	500,000	500,000	3,800,000

Transit & Transportation – Non-Motorized Transportation

Shared-Use Paths

Subsection: Non-Motorized Transportation

Managing Department: T & ES

Supporting Department(s): Recreation & Parks

Project Category: 1

Estimated Useful Life of Improvement: 25 years

Priority: Essential

Strategic Plan Goal: 3 - Transportation

Location: Citywide

Project Summary: This project funds on-going maintenance of off-street shared-use paths for pedestrians and bicyclists. Shared-use paths are considered integral to both the City's transportation and park networks. Specific projects include path resurfacing of the Mount Vernon Trail, between Canal Center Plaza and E Abingdon Drive, and the Holmes Run Trail, between Tarleton Park and Brookvalley Park. T&ES typically manages asphalt trail surface maintenance while RPCA manages natural surface trails and all landscaping associated with trails. A total of \$1.2 million in City funding over ten years (\$118,000/annually) is planned for this project.

Changes from Prior Year: Funding in the amount of \$118,000 is added for FY 2022.

Project History: As part of the City's ongoing effort to encourage walking and bicycling and manage transportation demand, this project provides critical infrastructure to support non-motorized transportation. The Shared-Use Path project funding reflects a portion of the need for pedestrian and bicycle safety improvements Citywide as identified in the Bicycle and Pedestrian Mobility Plan. The City continues to identify grant opportunities to fund these projects and leverage City funding. The Eisenhower Trail underpass was completed in 2011 and routine maintenance was conducted on the Mount Vernon Trail and Holmes Run Trail.

Operating Impact: This project requires on-going operating support through T&ES and RPCA, and is funded through their annual operating budgets.

Shared-Use Paths	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	118,000	118,000	118,000	118,000	118,000	118,000
Less Revenues	0	0	0	0	0	0
Net City Share	118,000	118,000	118,000	118,000	118,000	118,000

Shared-Use Paths	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2012-FY2021
Expenditures	118,000	118,000	118,000	118,000	118,000	1,180,000
Less Revenues	0	0	0	0	0	0
Net City Share	118,000	118,000	118,000	118,000	118,000	1,180,000

Transit & Transportation – Non-Motorized Transportation

Bicycle Parking at Major Transit Stops

Subsection: Non-Motorized Transportation
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Varies
 Priority: Highly Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: Bicycle commuting has risen dramatically in Alexandria since 2005, in part due to improved on- and off-street connections to the City's bikeway network. However, the City still lags behind other local jurisdictions in providing safe, secure bicycle parking at its major transit stops. To address high demand and current use levels that meet or exceed capacity, this project will install modular, enclosed, unattended bicycle parking "stations" and bike share stations at the City's Metrorail stations and major transit stops. These shelters range in size from 10'x20' to 10'x40' and are designed to provide a low-cost, high-capacity solution that will also encourage short bicycle trips to complement public transit usage. This project is funded with CMAQ funds in FY 2015 and FY 2016 totaling \$250,000. No city funding is required for this project.

Changes from Prior Year: This is a new project in the CIP.

Operating Impact: No additional operating impact.

Bicycle Parking at Major Transit Stops	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	25,000	225,000	0
Less Revenues	0	0	0	25,000	225,000	0
Net City Share	0	0	0	0	0	0

Bicycle Parking at Major Transit Stops	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	250,000
Less Revenues	0	0	0	0	0	250,000
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

Braddock Road Multimodal Connections

Subsection: Non-Motorized Transportation
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Varies
 Priority: Highly Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Braddock Metrorail Station Area

Project Summary: The Braddock Metro Neighborhood Plan recommended studying the feasibility of building a tunnel connection under the freight rail tracks from the Braddock Road station itself. Such a tunnel would provide a grand 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. This project is funded with CMAQ funds in FY 2015 and FY 2016 totaling \$1.15 million. No city funding is required for this project.

Changes from Prior Year: This is a new project in the CIP.

Operating Impact: No additional operating impact.

Braddock Rd. Metro Multimodal Connections	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	600,000	550,000	0
Less Revenues	0	0	0	600,000	550,000	0
Net City Share	0	0	0	0	0	0

Braddock Rd. Metro Multimodal Connections	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,150,000
Less Revenues	0	0	0	0	0	1,150,000
Net City Share	0	0	0	0	0	0

Transit & Transportation – Non-Motorized Transportation

Old Cameron Run Trail

Subsection: Non-Motorized Transportation

Managing Department: T & ES

Supporting Department(s): Recreation & Parks

Project Category: 3

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: Eisenhower Valley

Project Summary: This project is to construct a shared-use path between Eisenhower Avenue near Telegraph Road to the Mt. Vernon Trail. This project will address a major gap in the city's proposed "Green Crescent" trail system and ultimately provides a key link in the bicycle and pedestrian multimodal transportation system.

The total project cost is \$3.7 million. \$210,000 in VDOT grant funding has been acquired and requires no city share. An additional \$3.5 million in City funds are programmed for project construction in FY 2015 and FY 2016. Project funding comes from the City's Transportation Improvement Fund (\$500,000 in FY 2015 and \$3.0 million in 2016).

Changes from Prior Year: No changes from prior year.

Operating Impact: Future impacts to the operating budget include periodic re-striping and re-surfacing.

Old Cameron Run Trail	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	500,000	3,000,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	500,000	3,000,000	0

Old Cameron Run Trail	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	3,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	3,500,000

Transit & Transportation – Non-Motorized Transportation

Backlick Run Multi-Use Paths

Subsection: Non-Motorized Transportation

Managing Department: T & ES

Supporting Department(s): Recreation & Parks

Project Category: 3

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Strategic Plan Goal: 3 - Transportation

Location: Landmark/Van Dorn Area

Project Summary: This project provides funding to construct a shared-use path along Backlick Run from Boothe Park west to the Fairfax County line. This project also provides increased multimodal connectivity because it links the City's trail network to the Van Dorn Metro Station and potentially the Fairfax Backlick Road VRE station. 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. Helping to fulfill the Eco-City initiative, this project would provide options for non-motorized transportation as well as improve access to transit.

Total project cost is estimated at \$3.2 million, and is funded in FY 2017 and FY 2018 with the City's Transportation Improvement Fund (\$200,000 in FY 2017 and \$3.0 million in FY 2018) .

Changes from Prior Year: No changes from prior year.

Operating Impact: Future impacts to the operating budget include periodic re-striping and re-surfacing.

Backlick Run Multi-Use Paths	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	200,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	200,000

Backlick Run Multi-Use Paths	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	3,000,000	0	0	0	0	3,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	3,000,000	0	0	0	0	3,200,000

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STREETS AND BRIDGES

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Transit & Transportation – Streets & Bridges

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Streets & Bridges												
Edsall Road	1,460,904	0	0	0	0	0	0	0	0	0	0	0
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.	448,000	5,400,000	0	0	0	0	0	0	0	0	0	5,400,000
Bridge Repairs	600,000	600,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
Street/Alley Reconstructions & Extensions	775,024	300,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,700,000
Miscellaneous Undergrounding	90,000	50,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	860,000
Mt. Vernon Ave/Russell Road Intersection	0	0	0	100,000	900,000	0	0	0	0	0	0	1,000,000
Madison & Montgomery Reconstruction	0	0	0	0	500,000	3,250,000	3,000,000	0	0	0	0	6,750,000
Street Reconstructions TBD	0	0	0	0	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	13,000,000
Duke Street Complete Streets	0	0	0	0	0	0	0	0	210,000	2,100,000	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	\$17,856,006	\$6,350,000	\$690,000	\$790,000	\$3,190,000	\$6,040,000	\$5,790,000	\$2,790,000	\$3,000,000	\$4,890,000	\$3,790,000	\$37,320,000
Less Total Non-City Revenue	\$14,880,420	\$0	\$0	\$0	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,500,000
Total Net City Costs	\$2,975,586	\$6,350,000	\$690,000	\$790,000	\$2,690,000	\$5,040,000	\$4,790,000	\$1,790,000	\$2,000,000	\$3,890,000	\$2,790,000	\$30,820,000

Transit & Transportation – Streets & Bridges

Edsall Road

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 – Transportation
Location: Edsall Road

Project Summary: This project provides for the reconstruction of Edsall Road between Whiting Street and the western City Limits. This stretch of roadway is approximately 3,000 feet in length and has required high maintenance over the past ten years. Existing springs in the area and marine clay are affecting the stability of the street subgrade in several areas of the roadway. The pavement is deteriorating and being pushed to the side of the travel lanes. Heaving, twisting and horizontal movement of the existing pavement, sidewalk, curb and gutter is occurring particularly along the south side of the eastbound lane. The pavement, curb and gutter and sidewalks on the north side of Edsall Road are also showing signs of settlement. The design is complete and the cost estimate has been developed and escalated for inflation. Construction and design funding for this project were budgeted in FY 2010 and FY 2011, with construction scheduled to begin in summer 2012.

The total cost to remediate the entire stretch of the road described in the project summary is \$4.5 million. In FY 2010, \$2.0 million (\$1.0 million Revenue Sharing /\$1.0 million City funding) was approved. Revenue Sharing from the State in FY 2011 was expected to provide a \$1.0 match to the City's \$1.0 million contribution; however the amount approved for revenue sharing by the State was only \$460,904, bringing total available funding to \$3.46 million or approximately \$1.0 million less than needed to complete the entire project. The improvements have been scaled back due to the funding shortfall.

Changes from Prior Year: No changes from prior year.

Operating Impact: No additional operating impact.

Edsall Road	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,460,904	0	0	0	0	0
Less Revenues	460,904	0	0	0	0	0
Net City Share	1,000,000	0	0	0	0	0

Edsall Road	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Streets & Bridges

King & Beauregard Intersection Improvements

Subsection: Streets & Bridges
 Managing Department: T & ES
 Supporting Department(s):
 Project Category: 3

Estimated Useful Life of Improvement: 25 years
 Priority: Desirable
 Strategic Plan Goal: 3 – Transportation
 Location: West End Alexandria

Project Summary: This project provides for traffic flow improvements at King Street and Beauregard Street. The City is managing this project and has retained a consultant for the design. \$1.9 million was allocated in June 2005 for the design of this project. The total project budget is estimated at \$15.0 million, of which approximately \$6.75 million has been allocated to date, \$8.25 million is unallocated.

Changes from Prior Year: No changes from prior year.

Project History: Regional growth and development of the King Street corridor, particularly in Fairfax County, has resulted in increased traffic congestion at the intersection of King and Beauregard Streets. Improvements to this intersection have been discussed since the 1970's. In the 1990's, the State conducted a comprehensive transportation study of the Beauregard Street Corridor from Little River Turnpike (Fairfax County) to Arlington Mill Road (Arlington County). The findings and recommendations of the study were presented by the Virginia Department of Transportation (VDOT) staff to the City's Beauregard Street Corridor Task Force in November 1995. The Task Force, made up of representatives of Alexandria, Fairfax County, and Arlington County reviewed the findings and reached consensus that a six-lane, grade-separated alternative for the intersection should be the selected design option.

In June 1997 (based on concerns expressed by Fairlington residents and new Arlington County Board members), the Commonwealth Transportation Board directed the VDOT staff to postpone the detailed design of the project until an updated traffic analysis was conducted to verify the need for the selected alternative. VDOT engaged the consulting firm of Michael Baker and Associates in December 1998 to perform this traffic analysis update. In 1999, VDOT put this project on hold at the request of the City until discussions among VDOT, Arlington County, and the City could occur. The City and Arlington County staff then met with VDOT to examine at-grade potential solutions to the traffic problems associated with this intersection. VDOT commenced a study to examine redesign alternatives for this intersection during fall/winter 2000-2001. VDOT submitted preliminary concept information to the City. The design phase is expected to continue into FY 2012, with necessary land acquisition occurring in FY 2012, and then construction is anticipated to begin in Summer of 2013. This project will also help mitigate some of the BRAC-133 traffic impacts.

Operating Impact: No additional operating impact.

King & Beauregard Intersection Improvements	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	8,253,262	0	0	0	0	0
Less Revenues	7,872,700	0	0	0	0	0
Net City Share	380,562	0	0	0	0	0

King & Beauregard Intersection Improvements	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Streets & Bridges

Eisenhower Avenue Widening

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Highly Desirable
Strategic Plan Goal: 3 - Transportation
Location: Eisenhower Valley

Project Summary: Due to the changing development projections and FHWA lane width determinations, the original project scope is proposed to be revised and an interim plan would be constructed. The new project limits are from Mill Road to Holland Lane. The scope of the new work includes: an additional westbound 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. The original planned use of \$18.0 million in Urban Funds for construction has been scaled back to \$6.5 million, with the remaining \$11.5 redistributed to other eligible projects in FY 2012.

All of the funding is in place for this project. The redesign began in early 2011. The total cost of this entire project is estimated to be \$6.63 million, including land acquisition. The final build-out plans will be constructed in the future as each parcel develops. State Urban Funds totaling \$6.5 million were approved for this project, and the City's match for these funds is to come from the prior year unallocated balance of \$130,000. The project is scheduled to go to construction in the spring of 2014.

Changes from Prior Year: No changes from prior year.

Project History: In January 2008, a total of \$1.0 million in State funding was allocated for the design of this project. The remainder of State Urban funding was received in October 2009. In February 2011, an allocation of \$401,184 in State Urban funds was approved for design of the eastern portion of the Eisenhower Avenue Widening project extending from Mill Road to Holland Lane.

Operating Impact: There may be a minimal operating impact based on the scope of the project depending on the streetscaping elements of the project.

Eisenhower Avenue Widening	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	6,228,816	0	0	0	0	0
Revenues	6,098,816	0	0	0	0	0
Net City Share	130,000	0	0	0	0	0

Eisenhower Avenue Widening	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Transit & Transportation – Streets & Bridges

King/Quaker Lane/Braddock Road Intersection

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s):
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Central Alexandria

Project Summary: This project provides funding for the design and construction of both motorist and pedestrian improvements for the intersection of King Street, Quaker Lane, and Braddock Road. This intersection is currently one of the most congested in the City. City funding in the amount of \$750,000 allocated in FY 2012 will be combined with \$448,000 in State Urban Funds and \$5.4 million in funding from the City's Transportation Improvement Program to provide \$6.6 million for project design and construction.

Changes from Prior Year: No changes from prior year.

Project History: In October 2007, \$200,000 in State funding was allocated to begin this project. A consultant has developed and analyzed several options for improving this intersection. In April 2010 the consultant provided the City with the "Route 7 Spot Improvement Study" which identified several design options.

Operating Impact: No additional operating impact.

King / Quaker Ln / Braddock Rd Intersection	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	448,000	5,400,000	0	0	0	0
Less Revenues	448,000	0	0	0	0	0
Net City Share	0	5,400,000	0	0	0	0

King / Quaker Ln / Braddock Rd Intersection	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	5,400,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	5,400,000

Transit & Transportation – Streets & Bridges

Bridge Repairs

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 15 years
Priority: Essential
Strategic Plan Goal: 3 - Transportation
Location: Citywide

Project Summary: 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. A total of \$3.3 million is planned over ten years for this project.

The condition rating for evaluating a bridge is a judgment of a bridge component condition in comparison to its original as-built condition. The scoring system is based on the condition of various components of the bridge, including: (1) deck, (2) superstructure, (3) substructure, (4) channel and slope protection, and (5) culverts. Bridges are rated on a scale of 0 to 9. Any rating below 4 is poor (3 – 4) or critical (0 – 2), indicating the structure will not be able to carry traffic smoothly. All of the City's bridges are rated 6 or higher. The rating scale is as follows:

- | | |
|---------------------------|-------------------------------|
| 9: Excellent Condition | 4: Poor Condition |
| 8: Very Good Condition | 3: Serious Condition |
| 7: Good Condition | 2: Critical Condition |
| 6: Satisfactory Condition | 1: Imminent Failure Condition |
| 5: Fair Condition | 0: Failed Condition |

In FY 2011 and FY 2012, work was done on the maintenance and miscellaneous painting of the following bridges: (1) Duke Street Bridge over Holmes Run; (2) Telegraph Road Bridge over Mill Road and CSX/Norfolk Southern/WMATA railroads; (3) Van Dorn Street Culvert at Holmes Run and (4) Hooff's Run culvert. Ongoing maintenance and repairs will be done as inspection reports indicate that work is needed to maintain Satisfactory or higher ratings.

Changes from Prior Year: Funding in the amount of \$3.3 million is provided for FY 2022.

Project History: In November 2007, \$1.0 million was allocated for the repair and painting of bridges City-wide. During FY 2009 - 2010, maintenance work (repair, joint and crack sealing, spall and delamination repairs, and bearing repairs) has been completed for the following bridges: (1) US Route 1 Bridge over Four Mile Run; (2) Duke Street Bridge over Holmes Run; (3) Cameron Station overpass over Duke Street; (4) Landmark Mall Flyover over Duke Street; (5) Seminary Road Bridge over I-395; (6) Duke Street Bridge over the CSX rail road tracks; (7) Van Dorn Street Bridge over Norfolk Southern Rail Road tracks; (8) Eisenhower Avenue Bridge over Cameron Run; (9) Eisenhower Avenue Bridge over Telegraph Road; (10) Beauregard Street Culvert over Holmes Run; (11) Van Dorn Street Culvert over Backlick Run; (12) Van Dorn Street Bridge over Duke Street; (13) Telegraph Road Bridge over Duke Street; (14) CSX Railroad Bridge over Eisenhower Ave; and (15) Duke Street Bridge over CSX Railroad.

Operating Impact: No additional operating impact.

Bridge Repairs	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	600,000	600,000	300,000	300,000	300,000	300,000
Less Revenues	0	0	0	0	0	0
Net City Share	600,000	600,000	300,000	300,000	300,000	300,000

Bridge Repairs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	300,000	300,000	300,000	300,000	300,000	3,300,000
Less Revenues	0	0	0	0	0	0
Net City Share	300,000	300,000	300,000	300,000	300,000	3,300,000

Transit & Transportation – Streets & Bridges

Street/Alley Reconstructions & Extensions

Subsection: Streets & Bridges
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: 50 years
 Priority: Essential
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: This project supports miscellaneous street reconstruction and rehabilitation projects and streetscaping throughout the City in addition to rehabilitation of public alleys City-wide. 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. Roadways which are rated lower than fair condition will be placed on the reconstruction list. A total of \$3.7 million over ten years is planned for this project. Planned projects in FY 2013 include King Street from Daingerfield Street to Upland Place

Changes from Prior Year: Funding in the amount of \$400,000 is added for FY 2022.

Project History: Street Reconstruction and Extension Projects recently completed include King Street between North Hampton Drive and I-395.

Operating Impact: No additional operating impact.

Street/Alley Reconst. & Extensions	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	775,024	300,000	300,000	300,000	400,000	400,000
Less Revenues	0	0	0	0	0	0
Net City Share	775,024	300,000	300,000	300,000	400,000	400,000

Street/Alley Reconst. & Extensions	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	400,000	400,000	400,000	400,000	400,000	3,700,000
Less Revenues	0	0	0	0	0	0
Net City Share	400,000	400,000	400,000	400,000	400,000	3,700,000

Transit & Transportation – Streets & Bridges

Miscellaneous Undergrounding

Subsection: Streets & Bridges
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Permanent
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: This project provides the City's share of undergrounding utilities in the vicinity of new developments or near City capital projects, such as transformer enclosures. Generally, the City pays the lesser of one-half of the cost for undergrounding or \$50,000, and the developer pays the remainder. A total of \$860,000 over ten years is planned for this project.

Changes from Prior Year: Funding in the amount of \$90,000 is added for FY 2022.

Project History: Funding to date has provided for a comprehensive program of undergrounding improvements on King Street from Union Street to the King Street Metro Station area.

Operating Impact: No additional operating impact.

Miscellaneous Undergrounding	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	90,000	50,000	90,000	90,000	90,000	90,000
Less Revenues	0	0	0	0	0	0
Net City Share	90,000	50,000	90,000	90,000	90,000	90,000

Miscellaneous Undergrounding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	90,000	90,000	90,000	90,000	90,000	860,000
Less Revenues	0	0	0	0	0	0
Net City Share	90,000	90,000	90,000	90,000	90,000	860,000

Transit & Transportation – Streets & Bridges

Mt. Vernon Ave/Russell Road Intersection

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Arlandria

Project Summary: 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. This project will improve safety at the intersection for all users. A total of \$1.0 million in City funding from the City's Transportation Improvement Fund is provided for this project.

Changes from Prior Year: No changes from prior year.

Operating Impact: No additional operating impact.

Mt. Vernon Ave/Russell Road Intersection	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	100,000	900,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	100,000	900,000	0

Mt. Vernon Ave/Russell Road Intersection	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,000,000

Transit & Transportation – Streets & Bridges

Madison & Montgomery Reconstruction

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 25 years
Priority: Highly Desirable
Strategic Plan Goal: 3 - Transportation
Location: North Old Town

Project Summary: 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. In addition, this project provides for sinkhole remediation at the Montgomery Park tennis courts. 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. Design is expected to be completed in FY 2012. The construction timeline will be contingent on the future funding schedule. A total budget of \$6.75 million is planned for this project from FY 2016 – 2018.

Changes from Prior Year: No changes from prior year.

Project History: In FY 2007, a geophysical study was completed of Madison Street and Montgomery Street between Fairfax and St. Asaph Streets in order to devise a long-term stabilization solution for reconstruction of the streets. Preliminary engineering suggests that the sub-base of the streets will need to be stabilized in addition to some full and partial depth roadway reconstruction to improve drainage.

Operating Impact: No additional operating impact.

Madison & Montgomery Reconstruction	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	500,000	3,250,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	500,000	3,250,000

Madison & Montgomery Reconstruction	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	3,000,000	0	0	0	0	6,750,000
Less Revenues	0	0	0	0	0	0
Net City Share	3,000,000	0	0	0	0	6,750,000

Transit & Transportation – Streets & Bridges

Street Reconstruction Projects TBD

Subsection: Streets & Bridges
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 2

Estimated Useful Life of Improvement: TBD
 Priority: Highly Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: The City intends to participate in the State revenue sharing program for transportation projects every fiscal year when funding for the match is available and eligible projects can be identified. The City's share of the funding for the program is scheduled to begin in FY 2016; however it may be accelerated in future CIPs if specific projects meeting revenue sharing program requirements are identified. In prior years, the revenue sharing program has limited to reconstruction projects of over \$2.0 million (\$1.0 million State / \$1.0 million City) on arterial roads. It is possible that the requirement may be lowered to \$1.0 million in future fiscal years, opening up the possibility of additional roads for inclusion in the program.

The total funding planned in FY 2016 to FY 2021 is \$13.0 million with \$6.5 million in State revenue sharing dollars anticipated. Should the project cost threshold be lowered by the State, City funding should be accelerated to take advantage of the State match if specific projects can be identified.

Changes from Prior Year: Funding in the amount of \$2.0 million is added for FY 2022, which is 50% city funding and 50% State Revenue Sharing funding.

Project History: In FY 2009 the City was approved for \$1.0 million to offset the costs of the Washington Street Repaving project, and in FY 2010 and FY 2011 the City was approved for \$1.5 million to offset the costs of the Edsall Road Reconstruction project. The City intends to participate in this program in FY 2016 – FY 2022 if eligible projects are identified.

Operating Impact: No additional operating impact.

Street/Alley Reconstructions TBD	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	1,000,000	2,000,000
Less Revenues	0	0	0	0	500,000	1,000,000
Net City Share	0	0	0	0	500,000	1,000,000

Street Reconstructions TBD	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	13,000,000
Less Revenues	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,500,000
Net City Share	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,500,000

Transit & Transportation – Streets & Bridges

Duke Complete Streets

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Duke Street Corridor

Project Summary: This project includes the construction of a fifth lane (center turn lane) along Duke Street from Wheeler Avenue to Jordan Street. The fifth lane will accommodate safe left turns to adjacent residences and businesses along Duke Street. Raised medians are planned at various locations to protect left turning vehicles, restrict some turning movements, and to provide pedestrian safety refuges. A total of \$2.31 million in funding from the City's Transportation Improvement Fund is planned for this project in FY 2020 – 2021.

Changes from Prior Year: No changes from prior year.

Operating Impact: No additional operating impact.

Duke Street Complete Streets	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Duke Street Complete Streets	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	210,000	2,100,000	0	2,310,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	210,000	2,100,000	0	2,310,000

Transit & Transportation – Streets & Bridges

High Street Construction

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Landmark/Van Doran Area

Project Summary: Construction of 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. The timing of bridge construction is not known at this time. The total estimated cost of this project is \$18.4 million and is contingent on the development of a funding plan. In FY 2022, \$500,000 from the City's Transportation Improvement Program is provided for initial project design. This may need to be accelerated based on future development planning.

Changes from Prior Year: Based on available resources in the Transportation Improvement Fund, funding was moved back to FY 2022 (from FY 2021) and reduced to \$500,000 to provide initial planning and design funding. Construction funding will be considered as part of future Transportation Improvement Program plans.

Operating Impact: No additional operating impact.

High Street Construction	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

High Street Construction	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	500,000	500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	500,000	500,000

Transit & Transportation – Streets & Bridges

Van Dorn Multi-Modal Bridge

Subsection: Streets & Bridges
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 25 years
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Landmark/Van Dorn Area

Project Summary: This project plans 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. This project is estimated to cost \$22.0 million, and is contingent on substantial redevelopment and developer contributions. . In FY 2022, \$500,000 from the City's Transportation Improvement Program is provided for initial project design to support the developer contributions and other sources required for project financing.

Changes from Prior Year: Based on available resources in the Transportation Improvement Fund, funding was moved back to FY 2022 (from FY 2021) and reduced to \$500,000 to provide initial planning and design funding. Construction funding will be considered as part of future Transportation Improvement Program ten year plans.

Operating Impact: No additional operating impact.

Van Dorn Multi-Modal Bridge	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
State Urban Funds	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Van Dorn Multi-Modal Bridge	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2012-FY2021
Expenditures	0	0	0	0	500,000	500,000
State Urban Funds	0	0	0	0	0	0
Net City Share	0	0	0	0	500,000	500,000

FIXED TRANSPORTATION EQUIPMENT

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Transit & Transportation – Fixed Transportation Equipment

Transportation & Transit Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Fixed Transportation Equipment												
Fixed Transportation Equipment	\$450,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$1,450,000	\$850,000	\$850,000	\$2,350,000	\$850,000	\$10,600,000
Retrofit Traffic Lights with LED Technology	125,000	125,000	0	0	0	0	0	0	0	0	0	125,000
Transportation Technologies	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Parking Technologies	0	0	0	250,000	260,000	270,000	280,000	0	0	0	0	1,060,000
Fixed Transportation Equipment Total	\$675,000	\$1,225,000	\$1,100,000	\$1,350,000	\$1,360,000	\$1,370,000	\$1,980,000	\$1,100,000	\$1,100,000	\$2,600,000	\$1,100,000	\$14,285,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$250,000	\$260,000	\$270,000	\$280,000	\$0	\$0	\$0	\$0	\$1,060,000
Total Net City Costs	\$675,000	\$1,225,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,700,000	\$1,100,000	\$1,100,000	\$2,600,000	\$1,100,000	\$13,225,000

Transit & Transportation – Fixed Transportation Equipment

Retrofit Traffic Lights with LED Technology

Subsection: Traffic Signals, Signs & Meters
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 8 years
Priority: Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: This project will provide for the replacement of incandescent traffic signal lamps with energy efficient LED lamps. LED traffic signal lamps consume only 40% of the energy that existing incandescent lamps use. Not only will this reduce energy consumption but it will lower the City's electricity costs to operate the traffic signals. The breakeven point for LED signal lamps in terms of energy costs is under two years or about the life of an incandescent bulb. In addition, LED signal lamps last longer than incandescent lamps. A standard incandescent lamp will last about 1.5 years where an LED lamp should last 8 years. A total of \$250,000 (\$125,000 in FY 2012, \$125,000 in FY 2013) is planned for this project.

Changes from Prior Year: No changes from prior year.

Project History: City staff has already started this project and has retrofitted 30 signalized intersections with LED lamps.

Operating Impact: Beginning in FY 2013, the City should start to see a decrease in electricity costs associated with traffic signals. By FY 2014, these savings should be over \$100,000 annually.

Retrofit Traffic Lights with LED Technology	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Funded	125,000	125,000		0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	125,000	125,000	0	0	0	0

Retrofit Traffic Lights with LED Technology	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Funded	0	0	0	0	0	125,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	125,000

Transit & Transportation – Fixed Transportation Equipment

Fixed Equipment – Signs, Signals & Meters

Subsection: Fixed Transportation Equipment
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 10-15 years
Priority: Essential
Strategic Plan Goal: 3 - Transportation
Location: Citywide

Project Summary: This project is ongoing and provides for the upgrade, maintenance and replacement of traffic control and parking equipment, as well as the installation of new traffic signals. 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. This will also fund the replacement of multi-space meters in East Eisenhower 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 be obsolete making maintenance difficult is not impossible. Projects will be mostly constructed by the City's annual signal contractor and other vendors under contract by the City. A total of \$10.6 million is planned over ten years for this project.

Changes from Prior Year: Timing of the replacement of multi-space meters adjusted based on actual installation date. Funding in the amount of \$850,000 is added for FY 2022.

Project History: The most recent project is the replacement of the traffic signal poles along Washington Street and along lower King Street (mid-year FY 2010 to present). On-going projects include upgrading the traffic signals in Old Town. These signals are well over thirty years old and it is critical that the poles be replaced before additional failures occur.

Operating Impact: Each new traffic signal installed will increase operating costs, although the impact should not be significant when using LED technology in the traffic signals (see the Retrofit Traffic Lights with LED Technology projects for benefits).

Fixed Traffic Equipment	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Funded	450,000	850,000	850,000	850,000	850,000	850,000
Less Revenues	0	0	0	0	0	0
Net City Share	450,000	850,000	850,000	850,000	850,000	850,000

Fixed Traffic Equipment	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Funded	1,450,000	850,000	850,000	2,350,000	850,000	10,600,000
Less Revenues	0	0	0	0	0	0
Net City Share	1,450,000	850,000	850,000	2,350,000	850,000	10,600,000

Transit & Transportation – Fixed Transportation Equipment

Transportation Technologies

Subsection: Fixed Transportation Equipment
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: Varies
Priority: Desirable
Strategic Plan Goal: 3 - Transportation
Location: Citywide

Project Summary: This project will provide funding for transportation technologies that leverage existing infrastructure by improving system efficiencies, including signal operations, traffic cameras, providing Transit Signal Priority (TSP), queue jumps where warranted and feasible, real time transit information and implementing parking technologies.

Transit signal priority is a technology that can be used to improve the speed and reliability of bus operations throughout the City. The transit signal priority devices provide extended green times as well as expedited changes from red to green indications for approaching buses to help them reduce delays and stay on schedule. The provision of reliable transit service helps increase ridership and therefore reduces the number of private automobiles on the road.

These technologies will help maximize efficiency of the transportation system without the need to make large investments in new infrastructure. These technologies will also provide real time information to users on the internet and on mobile devices including real time transit, traffic and parking information. A total of \$2.5 million over ten years is planned for this project, and is funded through the City's Transportation Improvement Program.

Changes from Prior Year: Funding in the amount of \$250,000 is added for FY 2022.

Operating Impact: Operating impact of new transportation technologies depends on the type and implementation schedule of the technologies deployed Citywide.

Transportation Technologies	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	100,000	250,000	250,000	250,000	250,000	250,000
Less Revenues	0	0	0	0	0	0
Net City Share	100,000	250,000	250,000	250,000	250,000	250,000

Transportation Technologies	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	250,000	250,000	250,000	250,000	250,000	2,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	250,000	250,000	250,000	250,000	250,000	2,500,000

Transit & Transportation – Fixed Transportation Equipment

Parking Technologies

Subsection: Fixed Transportation Equipment
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 3

Estimated Useful Life of Improvement: Varies
 Priority: Desirable
 Strategic Plan Goal: 3 - Transportation
 Location: Citywide

Project Summary: This project will recommend and implement various techniques for better parking management, and will fund the installation of measures including as multi-space meters, real-time parking management, performance parking implementation, dynamic website information and pay-by-phone parking as a means of cutting emissions by eliminating excessive driving to find parking. This funding will support recommendations of the City's recently completed Old Town and Del Ray Parking Studies and the recently approved Waterfront Small Area Plan. This project is funded entire from non-City (CMAQ) funds, totaling \$1.06 million from FY 2015 – 2018.

Changes from Prior Year: This is a new project in the CIP.

Operating Impact: Operating impact of new parking technologies depends on the type and implementation schedule of the technologies deployed Citywide.

Parking Technologies	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	250,000	260,000	270,000
Less Revenues	0	0	0	250,000	260,000	270,000
Net City Share	0	0	0	0	0	0

Parking Technologies	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	280,000	0	0	0	0	1,060,000
Less Revenues	280,000	0	0	0	0	1,060,000
Net City Share	0	0	0	0	0	0

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SEWERS

Including the Sanitary Sewer Fund and
Stormwater Management Fund

Sewers

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Sewers

Sanitary Sewers Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Sanitary Sewers												
Commonwealth Service Chamber	\$370,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Holmes Run Trunk Sewer	6,037,000	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Capacity Studies	149,877	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Sanitary Sewer Repair	130,000	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Holmes Run Sewershed Infiltration & Inflow	4,960,000	4,360,000	4,200,000	3,600,000	3,850,000	3,850,000	0	0	0	0	0	19,860,000
Mitigation of Combined Sewer Overflows	1,581,690	319,000	335,000	335,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,439,000
Reconstructions & Exts. of Sanitary Sewers	2,373,918	322,000	0	775,000	320,000	435,000	540,000	660,000	760,000	760,000	845,000	5,417,000
Sewer Separation Projects	600,000	500,000	120,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,420,000
ASA Wastewater Treatment Plant Expansion	0	500,000	500,000	0	0	0	0	0	11,070,000	11,400,000	11,750,000	35,220,000
Wet Weather Management Facility	0	0	3,375,000	1,125,000	0	13,300,000	13,700,000	0	0	0	0	31,500,000
Sanitary Sewer Master Plan	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Sanitary Sewers Total	\$16,202,485	\$7,501,000	\$8,530,000	\$6,435,000	\$5,120,000	\$18,535,000	\$15,190,000	\$1,610,000	\$12,780,000	\$13,110,000	\$13,555,000	\$102,366,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$16,202,485	\$7,501,000	\$8,530,000	\$6,435,000	\$5,120,000	\$18,535,000	\$15,190,000	\$1,610,000	\$12,780,000	\$13,110,000	\$13,555,000	\$102,366,000

Stormwater Management Subsection/Project	Unallocated Balance (01/12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Stormwater Management												
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	600,000	1,010,000	0	0	0	600,000	0	0	0	0	0	1,610,000
Ft. Ward Stormwater	85,000	500,000	0	0	0	0	0	0	0	0	0	500,000
Storm Sewer Capacity Analysis	1,088,500	350,000	400,000	0	0	0	0	0	0	0	0	750,000
Stream & Channel Maintenance and Rest.	170,750	1,198,000	1,198,000	0	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	9,596,000
Miscellaneous Storm Sewer Repairs	3,314,113	0	525,000	775,000	535,000	825,000	925,000	285,000	395,000	670,000	300,000	5,235,000
Storm/Combined Sewer Assessment and Renov.	450,000	0	0	380,000	900,000	900,000	900,000	900,000	900,000	0	0	4,880,000
Key Drive Flood Mitigation	0	0	0	1,000,000	800,000	0	0	0	0	0	0	1,800,000
Braddock Rd. & West St. Storm Sewer	0	0	0	0	0	0	0	750,000	750,000	1,500,000	2,000,000	5,000,000
Stormwater Management Total	\$6,393,613	\$3,058,000	\$2,123,000	\$2,155,000	\$2,235,000	\$3,525,000	\$3,025,000	\$3,135,000	\$3,245,000	\$3,370,000	\$3,500,000	\$29,371,000
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$6,393,613	\$3,058,000	\$2,123,000	\$2,155,000	\$2,235,000	\$3,525,000	\$3,025,000	\$3,135,000	\$3,245,000	\$3,370,000	\$3,500,000	\$29,371,000

Sewers

SANITARY SEWER FUND

Overview: The Proposed FY 2013 – 2022 Sanitary Sewer Fund totals \$189.3 million over ten years, including \$86.9 million of operating expenditure and debt services payment for General Obligation Bonds and \$102.4 million for sanitary sewer capital improvement projects for reducing stormwater inflow and infiltration and expanding system capacity in order to prevent sanitary sewer backups while minimizing the environmental impacts of sanitary sewer discharge. These improvements are provided as part of the City's compliance with Commonwealth of Virginia environmental permitting regulations.

A Sanitary Sewer Master Plan currently under development has defined two significant capital investments which are included as part of the Proposed FY 2013 – 2022 CIP. These projects are the Alexandria Sanitation Authority (ASA) Wastewater Treatment Plant expansion (\$35.2 million) and a Wet Weather Treatment Facility (\$31.5 million). Projects are proposed to be funded with a combination of increases to the current Sewer Maintenance Fee (currently \$1.25/1,000 gallons) and possible increases to the Sewer Line Connection Fees (paid by developers).

Revenue Generation: The Sanitary Sewer Fund is funded by a combination of Sewer Connection Fees charged to developers for tying new structures in to the system and Sanitary Sewer Line Maintenance Fees charged to existing property owners on the quarterly water bill based on gallons consumed. The Sewer Connection Fees are adjusted annually according to the CPI-U. The sewer usage fee was increased to \$1.25/1,000 gallons in FY 2011, is proposed to stay the same for FY 2013. The current rate costs the typical household approximately \$87.50 annually, or \$21.88 per quarter.

Reflecting the Proposed FY 2013 – 2022 Sanitary Sewer Fund budget, rate increases to the Sewer Line Maintenance Fee are projected beginning FY 2015. The rate increases appear necessary to fund large one-time capital projects including the Wet Weather Treatment Facility, ASA Wastewater Treatment Plant Expansion, and completion of funding for the Holmes Run Sewer Shed Infiltration and Inflow project. The following table is an estimate of proposed rate increases in the ten-year plan. The City will also explore the possibility of eventually increasing the Sewer Line Connection Fees charged to developers. Actual rate increases would be aligned with project timing and financing needs as the scope of each project becomes clearer, and the rate increases below are estimated. Rate increases and increases to the base Sewer Line Connection Fees would be approved by City Council on an annual basis.

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Beginning FY Rate	\$1.25	\$1.25	\$1.25	\$1.38	\$1.38	\$1.47	\$1.77	\$2.05	\$2.05	\$2.27
Proposed % Increase	0.0%	0.0%	10.0%	0.0%	7.0%	20.0%	16.0%	0.0%	12.0%	0.0%
New Rate	\$1.25	\$1.25	\$1.38	\$1.38	\$1.47	\$1.77	\$2.05	\$2.05	\$2.27	\$2.27

Each of the projects listed in the previous paragraph are assumed to be bond financed, and the resulting rate increase will be used to pay debt service associated with the projects. This is a pay-as-you-use system of finance which is an appropriate model for a utility such as a sanitary sewer system. The FY 2013 - 2022 CIP calls for the leveraging of \$85.6 million in General Obligation Bonds over the ten year plan, with the debt service paid from dedicated Sanitary Sewer Fund revenues. General Obligation Bonds paid by sewer fee revenue are considered "double barreled" bonds by the rating agencies and do not count towards a jurisdictions debt ratios.

Planned Projects: The projects included in the FY 2013 – FY 2022 Proposed Sanitary Sewer Fund plan address maintenance-related issues necessary at current levels of development in the City. Additionally, the plan includes capacity-related projects stemming from projected development and population growth in the City. As the Sanitary Sewer Master Plan is fully developed, additional projects are likely to be added to future ten year plans.

Additional operating costs for the Wet Weather Management Facility are also factored into the ten year plan, with an estimated cost of \$654,000 in FY 2019 once construction of the facility is completed.

Sewers

FY 2013 - 2022 PROPOSED CIP: SANITARY SEWER FUND SOURCES AND USES

Sanitary Sewer Rate (\$ per 1,000 gallons)		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Sanitary Sewer Rate (\$ per 1,000 gallons)		\$1.25	\$1.25	\$1.25	\$1.38	\$1.38	\$1.47	\$1.77	\$2.05	\$2.05	\$2.27	
Proposed Rate Increase (% increase)		0.0%	0.0%	10.0%	0.0%	7.0%	20.0%	16.0%	0.0%	12.0%	0.0%	
New Sanitary Sewer Rate (\$ per 1,000 gallons)		\$1.25	\$1.25	\$1.38	\$1.38	\$1.47	\$1.77	\$2.05	\$2.05	\$2.27	\$2.27	
Sanitary Sewer Module Funding Sources		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY13-FY22
Sewer Line Maintenance Fee		\$6,500,000	\$6,548,750	\$7,257,652	\$7,312,085	\$7,882,610	\$9,530,075	\$11,137,799	\$11,221,333	\$12,662,152	\$12,757,118	\$92,809,574
Sewer Connection Fee		1,000,000	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	12,577,893
New Debt Issuance		4,850,000	3,530,000	3,750,000	0	0	0	0	0	0	0	12,130,000
New Debt Issuance (with New Projects)		0	3,375,000	1,125,000	3,850,000	17,150,000	13,700,000	0	11,070,000	11,400,000	11,750,000	73,420,000
Reprogrammed Prior Year Funding		246,556	225,000	0	0	0	0	0	0	0	0	471,556
Fund Balance Carryover		0	168	8,392	135,681	132,623	45,868	118,237	184,422	114,775	572,714	0
Total Funding Sources		\$12,596,556	\$14,728,918	\$13,243,545	\$12,455,390	\$26,380,739	\$24,552,225	\$12,596,132	\$23,882,856	\$25,654,382	\$26,631,160	\$191,409,022
Category/Project	Unallocated (12/2011)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY13-FY22
Category 1												
Mitigation of Combined Sewer Overflows	\$1,581,690	\$319,000	\$335,000	\$335,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$3,439,000
Reconstructions & Exts. of Sanitary Sewers	2,373,918	322,000	0	775,000	320,000	435,000	540,000	660,000	760,000	760,000	845,000	5,417,000
Sanitary Sewer Capacity Studies	149,877	0	0	0	0	0	0	0	0	0	0	0
Sewer Separation Projects	600,000	500,000	120,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,420,000
Subtotal Category 1	4,705,485	1,141,000	455,000	1,710,000	1,270,000	1,385,000	1,490,000	1,610,000	1,710,000	1,710,000	1,795,000	14,276,000
Category 2												
Commonwealth Service Chamber	370,000	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Trunk Sewer	6,037,000	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Sanitary Sewer Repair	130,000	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
ASA Wastewater Treatment Plant Expansion	0	500,000	500,000	0	0	0	0	0	11,070,000	11,400,000	11,750,000	35,220,000
Holmes Run Sewershed Infiltration & Inflow	4,960,000	4,360,000	4,200,000	3,600,000	3,850,000	3,850,000	0	0	0	0	0	19,860,000
Subtotal Category 2	11,497,000	6,360,000	4,700,000	3,600,000	3,850,000	3,850,000	0	0	11,070,000	11,400,000	11,750,000	56,580,000
Category 3												
¹ Reclaimed Water System via WTE Plant	0	0	0	0	0	0	0	0	0	0	0	0
Wet Weather Management Facility	0	0	3,375,000	1,125,000	0	13,300,000	13,700,000	0	0	0	0	31,500,000
Sanitary Sewer Master Plan	0	0	0	0	0	0	0	0	0	0	10,000	10,000
Subtotal Category 3	0	0	3,375,000	1,125,000	0	13,300,000	13,700,000	0	0	0	10,000	31,510,000
Subtotal Capital Expenditures	\$16,202,485	\$7,501,000	\$8,530,000	\$6,435,000	\$5,120,000	\$18,535,000	\$15,190,000	\$1,610,000	\$12,780,000	\$13,110,000	\$13,555,000	\$102,366,000

¹ Project balance of \$146,566 and unallocated balance of \$100,000 proposed to be reprogrammed in FY 2013, and project closed out.

Sewers

FY 2013 - 2022 PROPOSED CIP: SANITARY SEWER FUND SOURCES AND USES

Sanitary Sewer Module Operating Costs	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY13-FY22
Personnel	\$2,437,551	\$2,510,678	\$2,585,998	\$2,663,578	\$2,743,485	\$2,825,790	\$2,910,563	\$2,997,880	\$3,087,817	\$3,180,451	\$27,943,790
² Non-Personnel	803,335	1,077,435	852,258	877,826	904,161	931,285	959,224	988,001	1,017,641	1,048,170	9,459,335
Additional Operating - Wet Weather Facility	0	0	0	0	0	0	654,000	673,620	693,829	714,643	2,736,092
Debt Service - Pre-FY 2013	1,708,727	1,773,909	1,856,576	1,897,309	1,816,622	1,738,762	1,663,572	1,599,332	1,557,806	1,513,098	17,125,713
Debt Service - FY 2013-2022	145,775	828,504	1,378,032	1,764,055	2,335,603	3,748,151	4,614,350	4,729,248	5,614,576	6,507,534	31,665,828
Total Operating Expenditures	\$5,095,388	\$6,190,526	\$6,672,864	\$7,202,768	\$7,799,871	\$9,243,988	\$10,801,709	\$10,988,081	\$11,971,668	\$12,963,897	\$88,930,759
Total Sanitary Sewer Expenditures	\$12,596,388	\$14,720,526	\$13,107,864	\$12,322,768	\$26,334,871	\$24,433,988	\$12,411,709	\$23,768,081	\$25,081,668	\$26,518,897	\$191,296,759

² Includes \$250,000 for an Asset Management System in FY 2014

Sewers

Commonwealth Service Chamber

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 40 years
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Hooff's Run South of Duke Street

Project Summary: This project will fund the construction of a service chamber on the Commonwealth Interceptor. The service chamber will act to prevent sewer backups during wet weather flows from the combined sewer area when the combined sewer outfall at Hooff's Run is submerged. The service chamber may be similar to two located on the Holmes Run Trunk Sewer that protect the low lying developed areas in the Eisenhower Valley. A study initiated in FY 2010, and is still underway using the remaining unallocated project balance of \$370,000. Construction costs and schedule will be determined at the completion of the study, and have not been factored in the FY 2013 – FY 2022 CIP.

Changes from Prior Year: No changes from prior year.

Operating Impact: No additional operating impact.

Commonwealth Service Chamber	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	370,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	370,000	0	0	0	0	0

Commonwealth Service Chamber	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Sewers

Holmes Run Trunk Sewer

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 40 years
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: ASA Plant to the City/Fairfax Border

Project Summary: 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. A total of \$6.037 million in unallocated project balance from prior fiscal years will be combined with a project balance of \$621,000 to complete this phase of the project. Alexandria Sanitary Authority (ASA) maintains this trunk sewer.

Changes from Prior Year: No changes from prior year.

Project History: 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 Alexandria Sanitation Authority plant, and potential wet weather sewer storage and treatment in the Holmes Run Service Area. City staff is still studying the project, and the construction schedule is unknown at this time.

Operating Impact: This project does not have an impact on the City's operating budget, as it is maintained by the Alexandria Sanitation Authority.

Holmes Run Trunk Sewer	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	6,037,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	6,037,000	0	0	0	0	0

Holmes Run Trunk Sewer	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Sewers

Sanitary Sewer Capacity Studies

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 40 years
Priority: Essential
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: This project provides for an ongoing sanitary sewer capacity study to assess the sanitary sewer's systems ability to support existing flows and on-going development.

Changes from Prior Year: Future funding was been moved to the Sanitary Sewers operating budget beginning FY 2012. An unallocated balance of \$149,877 remains to complete studies as part of the CIP. Once all funding is expended, the project will be removed from the CIP.

Operating Impact: No additional operating impact from the remainder of the study.

Sanitary Sewer Capacity Studies	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	149,877	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	149,877	0	0	0	0	0

Sanitary Sewer Capacity Studies	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Sewers

Four Mile Run Sanitary Sewer Repair

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 40 years
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: End of Commonwealth Ave to Bruce Street

Project Summary: 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 truck 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. \$1.8 million is budgeted for this project with \$300,000 approved for design in FY 2012 and \$1.5 million for construction in FY 2013. ASA will be upgrading the existing 4-Mile Run Pump station and the City is coordinating the trunk sewer rehabilitation with ASA's improvements. The project is currently in the design phase, and construction must be coordinated with ASA improvements.

Changes from Prior Year: No change from prior year.

Operating Impact: No additional operating impact.

Four Mile Run Sanitary Sewer Repair	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	130,000	1,500,000	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	130,000	1,500,000	0	0	0	0

Four Mile Run Sanitary Sewer Repair	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,500,000

Sewers

Holmes Run Sewershed Inflow and Infiltration and Rehabilitation

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 40 years
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Holmes Run Sewer Shed

Project Summary: 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. Many of the sewers and manholes 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 are being evaluated to develop remediation projects that are expected to include the relining of sewers and manhole repairs. The sewers in the Holmes Run sewershed, although originally constructed more recently than the newly rehabilitated Commonwealth and Four Mile Run sewer sheds, will most likely require a higher percentage of remediation than that of the older sewer sheds.

Changes from Prior Year: Funding in the amount of \$3.85 million in FY 2016 and FY 2017 to fully fund this project. Project funding/completion is contingent on eventually increasing current Sewer Line Maintenance Fees and Sewer Connection Fees.

Project History: During FY 2010, flow metering at 23 locations was completed and closed circuit television field inspections were completed for 10 sub-basins. This provided information 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.

Operating Impact: No additional operating impact.

Holmes Run I & I	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	4,960,000	4,360,000	4,200,000	3,600,000	3,850,000	3,850,000
Less Revenues	0	0	0	0	0	0
Net City Share	4,960,000	4,360,000	4,200,000	3,600,000	3,850,000	3,850,000

Holmes Run I & I	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	19,860,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	19,860,000

Sewers

Mitigation of Combined Sewer Overflows (CSOs)

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 40 years
Priority: Essential
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: This project category funds the mitigation projects related to combined sewer overflows (CSOs). The City's combined storm and sanitary sewer system is comprised of areas east of the railroad corridor (primarily Old Town), which includes an area of approximately 560 acres. Combined sewer outfalls (discharge points for wet weather overflows) are located at the foot of Pendleton and Royal Streets and under Duke Street at Hooff's Run. An unallocated balance of \$1.6 million and total of \$3.4 million over ten years is planned to continue the implementation of permit conditions through FY 2022. A total mitigation of the CSO system would require significantly more funds than planned in this CIP.

Changes from Prior Year: Funding in the amount of \$350,000 is added for FY 2022.

Project History: The City began engineering studies in the early 1990's to seek alternative approaches to control combined sewer overflows and in 1995 submitted a Long Term Control Plan (LTCP) to the Virginia Department of Environmental Quality (VADEQ). The VADEQ first issued the City a permit for its combined sewer system in 1995. Based on the City's studies, the permit calls for the City to operate and maintain the combined sewer system according to the United States Environmental Protection Agency's (USEPA) technology-based best management practices. The practices are known as the Nine Minimum Controls (NMCs) and are part of the National CSO Control Policy. The NMCs that the City implemented for controlling CSO discharges comprise the following:

1. Proper operation and regular maintenance programs for the sewer system and the combined sewer overflows;
2. Maximum use of the collection system for storage;
3. Review and modification of the pretreatment program to assure CSO impacts are minimized;
4. Maximization of flow to the publicly owned and treated works (POTW) for treatment;
5. Prohibition of CSOs during dry weather;
6. Control of solid and floatable materials in CSOs;
7. Pollution prevention programs that focus on containment reduction activities;
8. Public notification to ensure that the public receives adequate notification of CSO occurrences and CSO impacts; and
9. Monitoring and reporting to effectively characterize CSO impacts and the efficacy of CSO controls.

Currently, TMDLs (Total Maximum Daily Loads) for various pollutants are being developed by USEPA and VA Department of Environmental Quality (DEQ) for the receiving waters. Bacteria TMDL for Hunting Creek approved by VA Department of Environmental Quality and EPA provides load allocations for the Combined Sewer System that requires drastic reductions in the permitted overflows. Depending on the conditions of the future permits, the City may be required to revise its LTCP, and implement expensive controls which may include full or partial separation, detention, or end of pipe technologies. Implementation of an "Area Reduction Plan" study identifies areas within the combined system shed that can be potentially separated as part of new development or re-developments can also become part of permit requirements. The City's current permit was re-issued in January 2007 and expires was to January 2012. The permit was continued by DEQ while negotiations the City over a new permit continue. An application for permit re-issuance has been submitted to the Virginia Department of Environmental Quality, and depending of the conditions of the new permits, it is possible that substantially more CIP funds may be required for FY 2014 and beyond.

Operating Impact: No additional operating impact.

Mitigation of CSOs	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,581,690	319,000	335,000	335,000	350,000	350,000
Less Revenues	0	0	0	0	0	0
Net City Share	1,581,690	319,000	335,000	335,000	350,000	350,000

Mitigation of CSOs	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	350,000	350,000	350,000	350,000	350,000	3,439,000
Less Revenues	0	0	0	0	0	0
Net City Share	350,000	350,000	350,000	350,000	350,000	3,439,000

Sewers

Reconstructions & Extensions of Sanitary Sewers

Subsection: Sanitary Sewers
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: 40 years
 Priority: Essential
 Strategic Plan Goal: 2 – Health & Environment
 Location: Citywide

Project Summary: This project provides for the construction of new sewer mains and the replacement and rehabilitation of old lines as needed. The project also includes funds for the City's share of the cost of sewer extensions required for development. This is an essential infrastructure project. A total of \$5.42 million is planned over ten years. This project also funds repairs to City streets disturbed by sewer line construction. Projects to be funded with the current allocated balance of \$1.25 million an unallocated balance of \$2.37 million as listed in the table below.

Project/Description	Estimated Costs
Sewer line in alley between Monroe & Nelson	\$100,000
Groves Avenue sewer replacement	\$400,000
W. Uhler Avenue sewer replacement	\$600,000
Sycamore Street sewer replacement	\$450,000
Paxton Street crossing replacement	\$920,000
Taylor Run – replace exposed sewer line (near Tuckahoe and King)	\$100,000
Hoof's Run sewer relocation (Chapman to Maple)	\$600,000
Taylor Run at Janney's Lane – siphon replacement	\$400,000
Total	\$3,570,000

Changes from Prior Year: Total project funding reduced from \$9.7 million in the Approved FY 2012 – 2021 CIP to \$5.42 million based on revised project completion schedule and available fund revenues. Funding in the amount of \$845,000 is added for FY 2022.

Project History: In FY 1987, the City initiated an on-going program to reline existing leaking sewers in the City. Projects completed in the last several years include West Caton Avenue between Commonwealth Avenue and Sanford Street; Diagonal Road, Hickory Street; and Forrest Street. Projects under design include Sycamore Street, between Mt. Ida Street and Kennedy Street; Groves Avenue, W. Uhler Avenue, Hoof's Run from E. Chapman to E. Maple Streets; elimination of a sewer siphon at Taylor Run @ Janney's Lane; and a sewer located in the alley between East Monroe Avenue and East Nelson Avenue. The City's share of the Four Mile Run Force Main is also paid out of this project.

Operating Impact: No additional operating impact.

Recon. and Extensions of San Sewers	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	2,373,918	322,000	0	775,000	320,000	435,000
Less Revenues	0	0	0	0	0	0
Net City Share	2,373,918	322,000	0	775,000	320,000	435,000

Recon. and Extensions of San Sewers	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	540,000	660,000	760,000	760,000	845,000	5,417,000
Less Revenues	0	0	0	0	0	0
Net City Share	540,000	660,000	760,000	760,000	845,000	5,417,000

Sewers

Sewer Separation Projects

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s):
Project Category: 1

Estimated Useful Life of Improvement: 40 years
Priority: Essential
Strategic Plan Goal: 2 - Health & Environment
Location: Citywide

Project Summary: This project provides for small projects to separate 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 CSO 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. The City is planning on moving towards design of small-scale sewer separation projections in 2012.

Changes from Prior Year: Funding in the amount of \$600,000 is added for FY 2022.

Project History: \$600,000 has been added to FY 2021 to address future sewer separation projects.

Operating Impact: No additional operating impact.

Sewer Separation Projects	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	600,000	500,000	120,000	600,000	600,000	600,000
Less Revenues	0	0	0	0	0	0
Net City Share	600,000	500,000	120,000	600,000	600,000	600,000

Sewer Separation Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	600,000	600,000	600,000	600,000	600,000	5,420,000
Less Revenues	0	0	0	0	0	0
Net City Share	600,000	600,000	600,000	600,000	600,000	5,420,000

Sewers

ASA AWTF Expansion

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: 40 years
Priority: Essential
Strategic Plan Goal: 2 – Health & Environment
Location: Eisenhower Valley

Project Summary: The City's has developed growth forecasts for build-out conditions in the City of Alexandria (post year 2040). Based on these forecasts, the City is projected to need additional wastewater allocation at the Alexandria Sanitation Authority (ASA) Advanced Wastewater Treatment Facility (AWTF) of approximately 4 million gallons per day (mgd) sometime after 2040. ASA has indicated that their facility can be expanded/upgraded to treat this additional 4 MGD at a total capital cost of \$35.2 million (adjusted 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 ASA. It should be noted that the costs provided are for an additional 4 MGD of flow and does not include any additional nutrient (phosphorous and nitrogen) loads associated with these flows. Options for addressing these added nutrient loadings have been identified (including an additional wet weather allocation, improvements in technology, point and nonpoint source offsets, purchase of nutrient credits) and will continue to be evaluated. The City is not expected to reach its nutrient limits until sometime after 2040 (when the existing flow allocation is forecasted to be reached), so the need to address this is not included as part of the ten-year CIP. Finally, with the hydraulic expansion, the agreement between the City and ASA and ASA and Fairfax County would have to be renegotiated.

Another option for an additional 4 mgd identified in the Sanitary Sewer Master Plan is to purchase 4 mgd of wastewater treatment capacity from Fairfax County. The budget cost for this purchase could be the cost to Fairfax County for the construction of 4 MGD capacity at the ASA plant, and is estimated to be approximately \$56.0 million (2011 dollars). This option would not require any offset of nutrient loadings since the design flow at the ASA facility will not change, but the City may be expected to finance the entire \$56.0 million now, even though this additional capacity is currently not needed. Additionally, this option is contingent on Fairfax County acquiring additional treatment plant capacity at DC Water's Blue Plains Wastewater Treatment facility. The City will be continuing discussions with Fairfax County concerning this option.

Changes from Prior Year: This is a new project for inclusion in the Proposed FY 2013 – 2022 CIP. Project funding/completion is contingent on eventually increasing current Sewer Line Maintenance Fees and Sewer Connection Fees.

Operating Impact: This project will have no impact on the operating budget.

ASA Wastewater Treatment Plant Expansion	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	500,000	500,000	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	500,000	500,000	0	0	0

ASA Wastewater Treatment Plant Expansion	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	11,070,000	11,400,000	11,750,000	35,220,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	11,070,000	11,400,000	11,750,000	35,220,000

Sewers

Wet Weather Management Facility

Subsection: Sanitary Sewers
 Managing Department: T & ES
 Supporting Department: N/A
 Project Category: 3

Estimated Useful Life of Improvement: 40 years
 Priority: Essential
 Strategic Plan Goal: 2 – Health & Environment
 Location: Eisenhower Valley

Project Summary: 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. Past sewer back-ups have been recorded and many of them occur in the vicinity of the ASA interceptor sewers, especially the Commonwealth Interceptor. 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 Sanitation Authority wastewater treatment facility. SSOs are not permitted by the State. 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 which recommended a wet weather management facility to mitigate SSOs and basement back-ups for up to the 5-year storm event. 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 ASA plant from 108 to 116 MGD (through primary treatment), relocation of CSO 004 from Duke Street to the ASA plant, construction of a 500,000 gallon storage tunnel, and a wet weather pumping station to reduce the surcharging in the interceptor sewers to prevent back-ups. The total project cost is estimated to be \$63.0 million (adjusted for inflation), and it is anticipated that the costs for this facility would be shared equally between Fairfax County and the City.

Design of the wet weather management facility is planned for FY2014 and construction scheduled to begin in FY2017.

Changes from Prior Year: This is a new project for inclusion in the Proposed FY 2013 – 2022 CIP. Project funding/completion is contingent on eventually increasing current Sewer Line Maintenance Fees and Sewer Connection Fees.

Operating Impact: Annual operating impacts of \$654,000 annually are factored into the Sanitary Sewer Fund beginning FY 2019.

Wet Weather Management Facility	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	3,375,000	1,125,000	0	13,300,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	3,375,000	1,125,000	0	13,300,000

Wet Weather Management Facility	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	13,700,000	0	0	0	0	31,500,000
Less Revenues	0	0	0	0	0	0
Net City Share	13,700,000	0	0	0	0	31,500,000

Sewers

Sanitary Sewer Master Plan

Subsection: Sanitary Sewers
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 3

Estimated Useful Life of Improvement: N/A
Priority: Essential
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: The City of Alexandria is currently developing a comprehensive Sanitary Sewer Master Plan. Projects identified in the master plan include the Alexandria Sanitation Authority (ASA) Advanced Wastewater Treatment Facility (AWTF) Expansion, and the Wet Weather Management Facility. Both of these projects have been included in the Proposed FY 2013-2022 CIP. Projects identified but not included in the FY 2013 CIP are undersized sewers that require upgrading because of projected growth, and an accelerated schedule for Combined Sewer Separation or Storage that may be required by the Virginia Department of Environmental Quality (VDEQ) as part of the City Combined Sewer Overflow (CSO) permit reauthorization.

Changes from Prior Year: No changes from prior year.

Operating Impact: Additional operating impact is unknown at this time.

Sanitary Sewer Master Plan	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Sanitary Sewer Master Plan	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	10,000	10,000

STORMWATER MANAGEMENT FUND

Overview: The Stormwater Management Fund will include funding from three separate sources and encompasses both capital and operating costs associated with the storm sewer system. In keeping with City Council guidance restricting the use of a Stormwater Utility to supplant existing operating and capital levels of effort, the Fund collects an annual transfer in of \$0.95 million from the City's General Fund for operating maintenance and \$1.0 million from the Capital Fund for capital maintenance. These funding sources maintain the previous level of effort in these areas (prior to the creation of the Stormwater Management Fund as a part of the FY 2011 budget process) and establish a baseline moving into the future.

Beginning in FY 2013, two projects previously included in the Community Development section of the CIP (Four Mile Run Channel Maintenance and Stream and Channel Maintenance) are moved to the Stormwater Management Fund, along with the associated CIP funding. Moving these projects provides an additional \$5.21 million dollars in base CIP funding to the Stormwater Management Fund.

Additionally, this Fund will gather revenues from 0.5 cents dedicated from the City's real estate tax rate, estimated at \$1.7 million in FY 2013 and growing each year as projected property assessments increase. The revenues from the dedicated tax would be used primarily for capital projects. An average of \$2.1 million of annual funding over the ten year period is planned to come from this dedicated portion (0.5 cents) of the real estate tax rate. This will provide a reliable on-going source of funding for maintaining and improving the City's stormwater infrastructure.

Proposed Uses: The FY 2013 - 2022 CIP includes an average of \$2.9 million per year for stormwater improvement projects necessary to reduce flooding and the environmental impacts of stormwater pollutants entering streams and rivers. The total ten-year spending for this Fund is projected to be \$46.1 million (\$29.4 million capital and \$16.7 million operating).

Projects scheduled to be initiated in the first few years of the Stormwater will address street, property, and/or basement flooding problems. A description of planned projects can be found on the following pages of the Stormwater Management section. Details of individual projects specifically attached to the new revenue source are currently included under the Miscellaneous Storm Sewers CIP Project.

Sewers

FY 2013 -2022 PROPOSED CIP: STORMWATER MANAGEMENT SOURCES AND USES

Stormwater Management Revenue Sources		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY13-FY 22
Transfer from General Fund (Current Operating)		\$950,000	\$950,000	\$950,000	\$950,000	\$950,000	\$950,000	\$950,000	\$950,000	\$950,000	\$950,000	\$9,500,000
Transfer from Capital Fund (Base Capital)		2,010,000	1,000,000	1,000,000	1,000,000	2,200,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	15,210,000
Stormwater Management Tax Revenues		1,699,040	1,758,506	1,828,846	1,920,288	2,035,506	2,157,636	2,287,094	2,424,320	2,569,779	2,723,966	21,404,981
Fund Balance Carryovers		0	19,321	4,156	7,811	2,803	2,304	2,604	393	2,778	2,315	
Total Funding Sources		\$4,659,040	\$3,727,826	\$3,783,002	\$3,878,100	\$5,188,309	\$4,709,940	\$4,839,699	\$4,974,713	\$5,122,557	\$5,276,280	\$46,114,981

Category/Project	Unallocated (01-12)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY13-FY 22
Category 1												
Miscellaneous Storm Sewer Projects	\$3,314,113	\$0	\$525,000	\$775,000	\$535,000	\$825,000	\$925,000	\$285,000	\$395,000	\$670,000	\$300,000	\$5,235,000
Storm & Combined Assessment	450,000	0	0	380,000	900,000	900,000	900,000	900,000	900,000	0	0	\$4,880,000
Stream & Channel Maintenance	170,750	1,198,000	1,198,000	0	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	\$9,596,000
Subtotal Category 1	3,934,863	1,198,000	1,723,000	1,155,000	1,435,000	2,925,000	3,025,000	2,385,000	2,495,000	1,870,000	1,500,000	19,711,000
Category 2												
Taylor's 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	600,000	1,010,000	0	0	0	600,000	0	0	0	0	0	1,610,000
Ft. Ward Stormwater	85,000	500,000	0	0	0	0	0	0	0	0	0	500,000
Storm Sewer Capacity Analysis	1,088,500	350,000	400,000	0	0	0	0	0	0	0	0	750,000
Key Drive Flood Mitigation	0	0	0	1,000,000	800,000	0	0	0	0	0	0	1,800,000
Braddock Rd. & West St. Storm Sewer	0	0	0	0	0	0	0	750,000	750,000	1,500,000	2,000,000	5,000,000
Subtotal Category 2	\$2,458,750	\$1,860,000	\$400,000	\$1,000,000	\$800,000	\$600,000	\$0	\$750,000	\$750,000	\$1,500,000	\$2,000,000	\$9,660,000
Subtotal Capital Expenditures	\$6,393,613	\$3,058,000	\$2,123,000	\$2,155,000	\$2,235,000	\$3,525,000	\$3,025,000	\$3,135,000	\$3,245,000	\$3,370,000	\$3,500,000	\$29,371,000
Operating Expenditures												
Current Operating Support (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
Expanded Operating Support (Through Dedicated Tax)		631,719	650,671	670,191	690,296	711,005	732,335	754,306	776,935	800,243	824,250	7,241,950
Total Operating Expenditures		\$1,581,719	\$1,600,671	\$1,620,191	\$1,640,296	\$1,661,005	\$1,682,335	\$1,704,306	\$1,726,935	\$1,750,243	\$1,774,250	\$16,741,950
Total Stormwater Management Expenditures		\$4,639,719	\$3,723,671	\$3,775,191	\$3,875,296	\$5,186,005	\$4,707,335	\$4,839,306	\$4,971,935	\$5,120,243	\$5,274,250	\$46,112,950

Sewers

Taylor Run at Janney's Lane

Subsection: Stormwater Management
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 2

Estimated Useful Life of Improvement: 25 years
 Priority: Highly Desirable
 Strategic Plan Goal: 2 – Health & Environment
 Location: Taylor Run Parkway at Janney's Lane

Project Summary: This project provides for the rehabilitation of a deteriorating culvert at Taylor Run and Janney's Lane and other improvements to the existing storm sewer in the area. A total of \$551,250 in prior year unallocated funds will fund the construction.

Changes from Prior Year: No changes from prior year.

Project History: Project is currently in the design phase, with construction schedule to be determined.

Operating Impact: No additional operating impact.

Taylor Run at Janney's Lane	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	551,250	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	551,250	0	0	0	0	0

Taylor Run at Janney's Lane	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Sewers

NPDES / Municipal Separate Storm Sewer System (MS4) Permit Program

Subsection: Stormwater Management
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 2

Estimated Useful Life of Improvement: 5 years
 Priority: Essential
 Strategic Plan Goal: 2 - Health & Environment
 Location: Citywide

Project Summary: This project provides for the data collection, reporting activities, public education, outreach, involvement and citizen participation associated with implementation of any program changes of the programs required by the National Pollution Discharge Elimination System (NPDES) Permit. A total of \$134,000 in prior year unallocated monies remains for this purpose.

Changes from Prior Year: No changes from prior year.

Project History: The Federal Water Quality Act of 1987 required that small municipalities obtain storm water discharge permits for their municipal separate storm sewer system (MS4) under Phase II of the National Storm Water Program. The City submitted an application for a MS4 permit to the Virginia Department of Environmental Quality (VDEQ) and received its first permit effective July 8, 2003. The permit required that the City develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP), protect the water quality and satisfy the appropriate water quality requirements of the Clean Water Act. The permit required the City to develop and implement the Stormwater Management program. The City was issued the new MS4 permit effective July 9, 2008 and subsequently has successfully negotiated a Program Plan with the Virginia DCR. The permit has extensive regulatory requirements that require more intensive monitoring and sampling. The MS4 Permit has numerous requirements including an illicit discharge detection and elimination program and associated concept designs; preliminary concept designs of structural and non-structural floatable controls; and best management practices. It includes requirements related to TMDL (Total Maximum Daily Loads) requirements related to PCB s for Potomac River and Bacteria for the Four Mile Run watershed.

The City is now facing decisions on complying with an additional TMDL for Bacteria in Hunting Creek. The Virginia Watershed Implementation Plan, which implements the standards set by the Chesapeake Bay Nutrient and Sediment TMDL (approved in January of 2011 setting measurable effluent limits and outlines penalties for non-compliance), delineates mechanisms to achieve compliance. Implementation will largely be through actions/programs incorporated into the MS4 permit. These new effluent limits are exceedingly stringent and would require an effort termed E3 ("everything, everywhere, by everybody") to achieve compliance. While the City's next permit is reappraised in July of 2013, the City must have practices in place to meet 60% of the load reductions required by 2017. Additionally TMDL's are currently being developed for various other pollutants by USEPA and VA Department of Environmental Quality for the receiving waters. Four Mile Run has recently been declared impaired for Chlordane and a TMDL will be forthcoming. The Chesapeake Bay TMDL requires more explicit reduction allocations resulting in new requirements ranging from additional monitoring and evaluation to improvements in infrastructure that may require significant capital expenditures. Allocated funding in this project is not the total cost of compliance, which staff anticipates will be much higher depending on the permit requirements of future MS4 permits.

Operating Impact: Additional operating impact is unknown at this time and depends on requirements of future MS4 permits.

NPDES / NS4 Permit	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	134,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	134,000	0	0	0	0	0

NPDES / NS4 Permit	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Sewers

Four Mile Run Channel Maintenance

Subsection: Stormwater Management
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 2

Estimated Useful Life of Improvement: N/A
 Priority: Highly Desirable
 Strategic Plan Goal: 2 – Health & Environment
 Location: Four Mile Run

Project Summary: This project reflects the City's share of the Four Mile Run Channel Maintenance agreement with Arlington County as required by the U.S. Army Corp of Engineers. 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 latest inspection by USACE (2009) identified a number of deficiencies, and gave the overall levee system an unacceptable rating. The City 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 acceptable. Total City funding for the current phase of the project is \$1.61 million, with \$0.6 million in unallocated balance from prior years and \$1.01 million planned in FY 2013. City funding for the project will be combined with funds (not shown in the budget) from Arlington County for the sediment removal portion of the project totaling \$2.8 million (\$1.4 million City of Alexandria / \$1.4 million Arlington County).

Additional projects funded with City dollars (not shared with Arlington County) that are required to obtain levee certification on the Alexandria side of Four Mile Run include clearing non-woody brush (\$10,000); clearing woody brush and trees (\$50,000); and levee repairs including rip rap, geotextile, concrete outlet repairs, and floodwall joint repair (\$150,000). An additional \$600,000 is planned in FY 2017 for future channel maintenance costs. Improvements to the channel beyond routine maintenance are funded by the Four Mile Run Stream restoration project (part of the Community Development section of the CIP).

Changes from Prior Year: This project was moved from the Community Development section of the CIP to the Stormwater Management section. No changes in total funding, funding sources or project timeline.

Project History: The valley of Four Mile Run is a historically high flood risk area, and experienced considerable damage during Hurricane Agnes in 1972. The U.S. Army Corps of Engineers (USACE), in cooperation with the City, and Arlington County completed a flood control project in the early 1980's. This project consists of a trapezoidal, gabion lined channel, along with limited stretches of levees and floodwalls. Local governments have the responsibility for maintaining these systems, and are subject to annual inspection by USACE. In FY 2006, maintenance activities were conducted in Four Mile Run primarily involving the removal of sediment near bridges and vegetation within the floodway. The work was completed in partnership with Arlington County and the cost was split 50/50 between the City and the County.

Operating Impact: No additional operating impact.

Four Mile Run Channel Maintenance	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	600,000	1,010,000	0	0	0	600,000
Less Revenues	0	0	0	0	0	0
Net City Share	600,000	1,010,000	0	0	0	600,000

Four Mile Run Channel Maintenance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,610,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,610,000

Sewers

Ft. Ward Stormwater

Subsection: Stormwater Management

Managing Department: T & ES

Supporting Department(s): Office of Historic Alexandria/RPCA

Project Category: 2

Estimated Useful Life of Improvement: 25 years

Priority: Highly Desirable

Strategic Plan Goal: 2 - Health & Environment

Location: Ft. Ward

Project Summary: 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 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. The proposed project will include overland flow improvements, erosion protection, stream restoration and flood prevention.

In FY 2012, \$85,000 was budgeted to develop a stormwater and drainage master plan, along with associated drainage improvements. The first phase of the master plan is scheduled to be completed in calendar year 2012, and includes the area between the Park Loop Road and Marlboro Estates. FY 2013 funding in the amount of \$500,000 is planned for improvements identified in the stormwater and drainage master plan.

Changes from Prior Year: FY 2013 funding (\$500,000) was included as part of the Miscellaneous Storm Sewer projects in the Approved FY 2012 – 2021. Funding was moved to this stand-alone project for the Proposed FY 2012 – 2021 CIP.

Project History: 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.

Operating Impact: No additional operating impact.

Ft. Ward Stormwater	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	85,000	500,000	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	85,000	500,000	0	0	0	0

Ft. Ward Stormwater	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	500,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	500,000

Sewers

Storm Sewer Capacity Analysis & Modeling

Subsection: Stormwater Management
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: N/A
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: This project provides for a multi-year City-wide storm sewer analysis and flow modeling to determine the storm water system's capacity. Flow modeling, field verification of invert elevations and manhole locations and metering to verify computations will be part of this project, which will be completed over a four year timeframe.

A total of \$2.55 million has been allocated to date. An unallocated balance of \$1.09 million will be combined with planned funding in FY 2013-2014 of \$0.75 million for total project funding of \$4.39 million. Work will be coordinated with the-Storm / Combined Sewer Assessment and Renovation project.

Changes from Prior Year: Funding in the amount of \$350,000 in FY 2013 and \$400,000 in FY 2014 was added to provide for additional capacity analysis and modeling projects.

Project History: 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. Staff continues to study the system's capacity to develop a comprehensive plan for improvements to the existing storm sewer system.

Operating Impact: No additional operating impact.

Storm Sewer Capacity Analysis	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	1,088,500	350,000	400,000	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	1,088,500	350,000	400,000	0	0	0

Storm Sewer Capacity Analysis	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	750,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	750,000

Sewers

Stream / Channel Maintenance and Restoration

Subsection: Stormwater Management.
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: Varies
Priority: Essential
Strategic Plan Goal: 2 – Health & Environment
Location: Citywide

Project Summary: This subtask includes an annual capital maintenance budget for routine maintenance of 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.

Changes from Prior Year: This project was moved from the Community Development section of the CIP to the Stormwater Management section. Funding in the amount of \$1.198 million in FY 2013 and FY 2014 was added from Stormwater Management funds to provide funding for sediment removal in Holmes Run and Backlick Run caused by flooding events in September 2011 by Tropical Storm Lee.

Beginning in FY 2017, \$0.6 million in base CIP funding is combined with \$0.6 million in Stormwater Management funding to provide an annual funding stream of \$1.2 million for stream restoration and sediment removal in Backlick Run, Holmes Run, Lucky Run and Taylor Run, as well as other yet to be identified projects. Some portion of funds may be reimbursed from FEMA and/or insurance for those items damaged by flooding events.

Project History: Stream maintenance activities occurred in FY 2002 in Cameron Run and in FY 2003 and 2004 in Holmes Run. More recently, additional maintenance was performed in early FY 2007 in Cameron Run and Backlick Run as a result of the flooding that occurred in June/July of 2006. Work completed in FY 2011 and FY 2012 included removing large sandbars obstructing flow from the Cameron Run Stream Channel immediately upstream from Cameron Run Beltway crossing near Bluestone Road; in Holmes Run near Pendleton Street, and immediately upstream of the Cameron Run Beltway crossing. Weedy vegetation was removed along the banks of Cameron Run and Holmes Run.

Operating Impact: No additional operating impact.

Stream & Channel Maintenance and Restoration	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	170,750	1,198,000	1,198,000	0	0	1,200,000
Less Revenues	0	0	0	0	0	0
Net City Share	170,750	1,198,000	1,198,000	0	0	1,200,000

Stream & Channel Maintenance and Restoration	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	9,596,000
Less Revenues	0	0	0	0	0	0
Net City Share	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	9,596,000

Sewers

Miscellaneous Extension and Replacement of Storm Sewers

Subsection: Stormwater Management
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 1

Estimated Useful Life of Improvement: 25 years
 Priority: Essential
 Strategic Plan Goal: 2 – Health & Environment
 Location: Citywide

Project Summary: This project provides funding for essential infrastructure maintenance on the City's storm sewer system. Total funding of \$5.235 million in Stormwater Management dedicated tax revenue is planned over ten years.

These projects are identified as reconstruction projects due to deterioration or needed additional capacity to reduce flooding. Including current allocated and unallocated balances of approximately \$3.7 million, and proposed FY 2014 funding of \$0.5 million, a total of \$4.2 million will be available for these projects from through FY 2014. Current estimated costs exceed available funding for that time period. Once project costs are fully developed, projects may accelerated or delayed based on available funding. A summary of the individual projects prioritized under this project category is provided in the table below.

Project	Description	Estimated Costs
Monroe / Nelson Alley Improvements	Alley re-grading and storm sewer improvements to alleviate flooding on adjacent properties in the vicinity of Alexandria and Wayne Streets.	\$85,000
Bishop Ln. Drainage Improvements	Installation of storm sewer improvements to alleviate ponding and drainage onto adjacent properties from the public right-of-way.	\$100,000
Bruce St. Repetitive Loss Analysis	Conduct a study of the causes of flooding in the Bruce Street area and identify of possible mitigation measures.	\$100,000
Hooff's Run Park Drainage Improvements	Improvements to drainage in the park to eliminate flooding onto adjacent properties.	\$200,000
W. Alexandria Ave. at Timber Branch	Drainage improvements along West Alexandria Ave. An existing culvert and existing inlet currently experience flooding in large storm events. The capacity of both will be analyzed and necessary improvements constructed.	\$60,000
N. Henry St. / Montgomery St.	Drainage improvements and sanitary sewer separation along N. Henry and Montgomery Streets.	\$90,000
N. Rosser St. / Calhoun Ave. / Colfax Ave. / Dawes Ave. Drainage System	Storm sewer evaluation and possible improvements including extension of existing storm sewers in roadside ditches to alleviate nuisance flooding and ponding water. Design is scheduled for FY 2012, construction in FY 2013.	\$975,000
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. Design is scheduled for FY 2012, construction in FY 2013.	\$975,000
Pegram / Paxton	This area was identified during the flood of June 2006 as a problem area. This is the next shed to be investigated by the Storm Sewer Capacity Analysis Project. Design is scheduled for FY 2012, construction in FY 2013.	\$600,000
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. Design and permitting are scheduled for FY 2012, construction in FY 2013.	\$1,100,000
Timber Branch Stream Erosion	Stream bank stabilization to protect the street and sewer line near Oakland Terrace from stream erosion damage.	\$50,000
Total		\$4,335,000

Changes from Prior Year: Projects costs and timing were adjusted based on estimated construction schedules.

Sewers

(Miscellaneous Extension and Replacement of Storm Sewers)

Project History: Recently completed projects include East Maple Street Storm Sewer reconstruction, replacement of the Edsall Road storm sewer near Cameron Station; and George Mason School and Park drainage system. Other completed projects include replacement of the Edsall Road storm sewer near Cameron Station; George Mason school and park drainage system; 800 block of St. Asaph St; Templeton Place ponding; Commonwealth Avenue and Glebe Road (Auburn Village Phase 1); Dash facility(Phase 1); 600 block of S. Pickett Street; and the City Wide Digital Flood Insurance Rate Maps have been updated. Projects under construction in FY 2012 include Hoof's Run culvert repair between E. Maple and E. Walnut Streets, Bishop Lane; Hooff's Run Park; W. Alexandria Avenue at Timber Branch; and Monroe / Nelson Alley.

Operating Impact: No additional operating impact.

Miscellaneous Stormwater	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	3,314,113	0	525,000	775,000	535,000	825,000
Less Revenues	0	0	0	0	0	0
Net City Share	3,314,113	0	525,000	775,000	535,000	825,000

Miscellaneous Stormwater	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	925,000	285,000	395,000	670,000	300,000	5,235,000
Less Revenues	0	0	0	0	0	0
Net City Share	925,000	285,000	395,000	670,000	300,000	5,235,000

Sewers

Storm/Combined Sewer Assessment and Remediation

Subsection: Stormwater Management
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 1

Estimated Useful Life of Improvement: 40 years
Priority: Essential
Strategic Plan Goal: 2 – Health & Education
Location: Citywide

Project Summary: This project provides for the City-wide condition assessment of the existing 14 miles of combined sewers and 185 miles of storm 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. Field work will be performed by dividing the City into sewer sheds and proceeding through each section sequentially. 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. Work will be coordinated with the Storm Sewer Capacity Analysis & Modeling project. Evaluation and design are approximately 30% of the annual costs, while construction comprises the remaining 70% of annual funding.

Changes from Prior Year: Funding is reduced from \$8.55 million in the Approved FY 2012 – 2021 CIP to \$4.88 million in the Proposed FY 2013 – 2022 CIP due to available resources within the Stormwater Management Fund.

Operating Impact: No additional operating impact.

Storm and Combined Syst. Assess. & Remed.	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	450,000	0	0	380,000	900,000	900,000
Less Revenues	0	0	0	0	0	0
Net City Share	450,000	0	0	380,000	900,000	900,000

Storm and Combined Syst. Assess. & Remed.	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	900,000	900,000	900,000	0	0	4,880,000
Less Revenues	0	0	0	0	0	0
Net City Share	900,000	900,000	900,000	0	0	4,880,000

Sewers

Key Drive Flood Mitigation

Subsection: Stormwater Management
 Managing Department: T & ES
 Supporting Department(s): N/A
 Project Category: 2

Estimated Useful Life of Improvement: 25 years
 Priority: Highly Desirable
 Strategic Plan Goal: 2 – Health & Environment
 Location: Key Drive

Project Summary: This project provides for the design and construction of a storm sewer bypass to alleviate drainage problems on Key Drive and Francis Hammond Parkway and to prevent flooding in residential areas with lower elevations.

Changes from Prior Year: No changes from prior year.

Project History: \$1.0 million has been allocated to date for this project, and design is currently underway.

Operating Impact: No additional operating impact.

Key Drive Flood Mitigation	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	1,000,000	800,000	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	1,000,000	800,000	0

Key Drive Flood Mitigation	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	1,800,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	1,800,000

Sewers

Braddock Rd. and West St. Storm Sewer Drainage Improvements

Subsection: Stormwater Management
Managing Department: T & ES
Supporting Department(s): N/A
Project Category: 2

Estimated Useful Life of Improvement: 40 years
Priority: Highly Desirable
Strategic Plan Goal: 2 – Health & Environment
Location: Braddock Metro Area

Project Summary: This project addresses flooding at the intersection of Braddock Road and West Street, adjacent to the Braddock Road Metro Station. The adjacent properties and streets drain to the intersection, which is a low point (sump condition). Stormwater is collected at the low points and conveyed beneath the rail corridor to the Hooff's Run storm culvert adjacent to Commonwealth Avenue. The conveyance system is inadequate to convey the stormwater in a timely fashion, resulting in flooding of the intersection. The City hired a consultant to investigate various alternatives to alleviate the problem. A cost benefit analysis of the project will be prepared to determine the most feasible solution to this flooding problem. A total of \$5.0 million has been programmed in the FY 2013 – 2022 CIP.

Changes from Prior Year: Funding has been delayed until FY 2019 as City staff continues to explore less costly alternatives to alleviate the flooding issues.

Project History: Based on a drainage study completed in FY 2004, the storm sewers at the intersection of Braddock Road and West Street were found to be inadequate to relieve the frequent flooding of this critical rail crossing. A feasibility study was completed in fall 2008 with engineering alternatives ranging from \$18.0 million to \$64.0 million. Several alternatives will be further evaluated during the preliminary design to address constructability issues and further refine construction costs, as well as to undertake a thorough cost-benefit analysis. Alternatives would include incorporation of a full/partial solution into a Braddock Road Metrorail site redevelopment plan. The total cost reflects the feasibility study's cost estimates to collect and convey the storm water to the Potomac River by means of a large (approximately five foot diameter) storm sewer pipe down Wythe Street through Oronoco Park.

Operating Impact: No additional operating impact.

Braddock and West	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0

Braddock and West	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2012-FY2021
Expenditures	0	750,000	750,000	1,500,000	2,000,000	5,000,000
Less Revenues	0	0	0	0	0	0
Net City Share	0	750,000	750,000	1,500,000	2,000,000	5,000,000

OTHER REGIONAL CONTRIBUTIONS

Other Regional Contributions

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Other Regional Contributions

Other Regional Contributions Subsection/Project	<i>Unallocated Balance (01/12)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 13-22
Regional Partnerships												
Northern Virginia Community College	\$0	\$245,513	\$286,081	\$328,278	\$372,049	\$379,490	\$387,080	\$394,821	\$402,718	\$410,772	\$418,988	\$3,625,790
Northern Virginia Regional Park Authority	0	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	359,862	3,598,620
Peumansend Creek Regional Jail	0	112,393	115,465	109,738	104,085	98,506	0	0	0	0	0	540,187
Other Regional Contributions Total	\$0	\$717,768	\$761,408	\$797,878	\$835,996	\$837,858	\$746,942	\$754,683	\$762,580	\$770,634	\$778,850	\$7,764,597
Less Total Non-City Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net City Costs	\$0	\$717,768	\$761,408	\$797,878	\$835,996	\$837,858	\$746,942	\$754,683	\$762,580	\$770,634	\$778,850	\$7,764,597

Other Regional Contributions

Northern Virginia Community College (NVCC)

Subsection: Regional Contributions
Managing Department: Office of Management & Budget
Supporting Department(s): None
Project Category: Not Assigned

Estimated Useful Life of Improvement: N/A
Priority: Essential
Strategic Plan Goal: 4 – Children, Youth, & Families
Location: Regional

Project Summary: 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 2013, the City's share of the regional subsidy to NVCC is \$245,513, or 6.25 percent of the total local capital request of \$3.92 million. Each jurisdiction's share is determined by a formula based on the population of each of the nine participating jurisdictions. Total City funding in the amount of \$3.626 million is planned over the ten-year CIP.

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 would 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 \$1.50 per capita. This year, the CIP continues the requested rate of growth in the City's contribution to \$1.75 per capita. The tables below outline the impact this has on the City capital contribution.

Jurisdiction	Population Estimate	FY 2013 Proposed Rate	FY 2013 Proposed Contribution	Percent of Total Contribution
Alexandria City	140,236	\$ 1.75	\$ 245,413	6.25%
Arlington County	208,051	\$ 1.75	\$ 364,089	9.28%
Fairfax City	22,587	\$ 1.75	\$ 39,527	1.01%
Fairfax County	1,084,412	\$ 1.75	\$ 1,897,721	48.36%
Falls Church City	12,382	\$ 1.75	\$ 21,669	0.55%
Loudoun County	317,035	\$ 1.75	\$ 554,811	14.14%
Manassas City	37,881	\$ 1.75	\$ 66,292	1.69%
Manassas Park City	14,387	\$ 1.75	\$ 25,177	0.64%
Prince William County	405,522	\$ 1.75	\$ 709,664	18.08%
TOTAL	2,242,493	\$ 1.75	\$ 3,924,363	100.00%

Changes from Prior Year: Changes from the Approved FY 2012 – 2021 CIP are noted in the table below. The changes are based on the revised population figure used for FY 2013 calculations, and a projected 2% population growth in subsequent fiscal years.

City of Alexandria NVCC Contribution					
Fiscal Year	¹ Population Estimate	Proposed Rate Per Capita	FY 2012-21 Planned Contribution	FY 2013-22 Proposed Contribution	Difference
2013	140,236	\$ 1.75	\$ 253,002	\$ 245,413	\$ (7,589)
2014	143,041	\$ 2.00	\$ 294,928	\$ 286,081	\$ (8,847)
2015	145,902	\$ 2.25	\$ 338,430	\$ 328,278	\$ (10,152)
2016	148,820	\$ 2.50	\$ 383,354	\$ 372,049	\$ (11,305)
2017	151,796	\$ 2.50	\$ 391,226	\$ 379,490	\$ (11,736)
2018	154,832	\$ 2.50	\$ 399,050	\$ 387,080	\$ (11,970)
2019	157,929	\$ 2.50	\$ 407,031	\$ 394,821	\$ (12,210)
2020	161,087	\$ 2.50	\$ 415,172	\$ 402,718	\$ (12,454)
2021	164,309	\$ 2.50	\$ 423,475	\$ 410,772	\$ (12,703)
2022	167,595	\$ 2.50	-	\$ 418,988	\$ 418,988

¹FY 2013 population figures are from the Weldon Cooper Center for Public Service (revised 4/12/2011). FY 2014 - FY 2022 assume 2% growth annually. The Approved FY 2012-21 CIP estimated 144,573 for the FY 2013 population estimate.

Other Regional Contributions

(Northern Virginia Community College continued)

Project History: In September 1976, the Northern Virginia Community College Board approved a formula for allocation based on the population of participating local jurisdictions. The Board revised the allocation formula in September 2000 by approving the administration request to use \$1.00 times the population of each political jurisdiction to calculate the allocation amount. In the Approved FY 2012 – 2021 CIP, the per capita amount used to calculate the City's contribution was increased to \$1.50. For FY 2013 – 2016, the proposed rate per capita increases \$0.25 annually to \$2.50 in FY 2016. 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.

Operating Impact: This project has no impact on the operating budget.

NVCC	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	245,513	286,081	328,278	372,049	379,490
Less Revenues	0	0	0	0	0	0
Net City Share	0	245,513	286,081	328,278	372,049	379,490

NVCC	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	387,080	394,821	402,718	410,772	418,988	3,625,790
Less Revenues	0	0	0	0	0	0
Net City Share	387,080	394,821	402,718	410,772	418,988	3,625,790

Other Regional Contributions

Northern Virginia Regional Park Authority (NVRPA)

Subsection: Regional Contributions
Managing Department: Office of Management & Budget
Supporting Department(s): Recreation, Parks, & Cultural Activities
Project Category: Not Assigned

Estimated Useful Life of Improvement: N/A
Priority: Essential
Strategic Plan Goal: 7 – Caring Community
Location: Regional

Project Summary: 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 2012 capital budget totals \$4,940,253, of which \$4,390,253 is to be funded by capital contributions from the participating jurisdictions. The balance of \$550,000 is to be funded by NVRPA operating revenues from fees. Of the FY 2013 NVRPA capital budget total, the City's share is \$359,862.

Changes from Prior Year: Funding in the amount of \$359,862 is added for FY 2022.

Project History: 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. The Authority has requested the following capital contributions from each participating jurisdiction, based on each jurisdiction's proportionate share of 2007 population estimates. 2007 population estimates are provided by the U.S. Bureau of the Census, resulting in adjustments to each jurisdiction's contribution.

Jurisdiction	¹ 2007 Estimated Population	¹ Per Capita Cost	Percent of Total Pop.	FY 2013 Capital Request
City of Alexandria	140,024	\$ 2.57	8.20%	\$ 359,862
Arlington County	204,568	\$ 2.57	11.98%	\$ 525,740
City of Fairfax	23,349	\$ 2.57	1.37%	\$ 60,007
Fairfax County	1,010,241	\$ 2.57	61.50%	\$ 2,700,000
Falls Church City	10,948	\$ 2.57	0.64%	\$ 28,136
Loudoun County	278,797	\$ 2.57	16.32%	\$ 716,508
Totals	1,667,927	\$ 2.57	100.00%	\$ 4,390,253

¹ For FY 2013, population figures and the per capita costs of \$2.57 remain the same as in the past several years to ensure that member jurisdictions do not experience an increase in the upcoming difficult financial year (*NVRPA Adopted Budget, p. D-1*).

Operating Impact: As part of the City of Alexandria FY 2013 Operating Budget, a total of \$288,814 is included for the City's share of NVRPA operating costs. This is the same level of funding as FY 2012.

NVRPA	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	359,862	359,862	359,862	359,862	359,862
Less Revenues	0	0	0	0	0	0
Net City Share	0	359,862	359,862	359,862	359,862	359,862

NVRPA	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	359,862	359,862	359,862	359,862	359,862	3,598,620
Less Revenues	0	0	0	0	0	0
Net City Share	359,862	359,862	359,862	359,862	359,862	3,598,620

Other Regional Contributions

Peumansend Creek Regional Jail

Subsection: Regional Contributions

Estimated Useful Life of Improvement: N/A

Managing Department: Office of Management & Budget

Priority: Essential

Supporting Departments: Sheriff's Department

Strategic Plan Goal: 6 - Public Safety

Project Category: Not Assigned

Location: Regional

Project Summary: 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 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 2013, a debt service payment of \$121,266 is budgeted, of which \$8,873 is from prior year project balances and \$112,393 is included in the FY 2013-2022 CIP. The debt is scheduled to be paid off in FY 2017.

Changes from Prior Year: In FY 2013, a prior year project balance of \$8,873 will be used to offset the total \$121,266 debt service payment, resulting in an \$112,393 contribution as part of the FY 2013 capital year budget.

Project History: 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.

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.

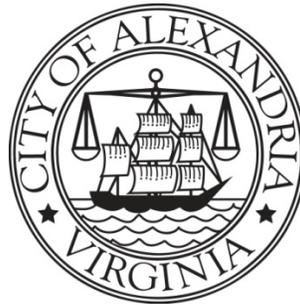
Operating Impact: In FY 2013, a total of \$516,127 is included in the City of Alexandria Operating Budget (Other Public Safety and Justice Activities) for the City's share of operating budget costs at the Peumansend Regional Jail.

Peumansend Regional Jail	Unallocated Balance	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Expenditures	0	112,393	115,465	109,738	104,085	98,506
Less Revenues	0	0	0	0	0	0
Net City Share	0	112,393	115,465	109,738	104,085	98,506

Peumansend Regional Jail	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total FY2013-FY2022
Expenditures	0	0	0	0	0	540,187
Less Revenues	0	0	0	0	0	0
Net City Share	0	0	0	0	0	540,187

Other Regional Contributions

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ALEXANDRIA CITY COUNCIL

William D. Euille, Mayor

Kerry Donley, Vice Mayor

Frank H. Fannon, IV

Alicia Hughes

K. Rob Krupicka

Redella S. Pepper

Paul C. Smedberg

CITY MANAGER

Rashad M. Young

INFORMATION TECHNOLOGY STEERING COMMITTEE

Tom Trobridge, Chief Information Officer/Director, Information Technology Services

Laura Triggs, Acting Chief Financial Officer, Finance Administration

Cheryl Orr, Director, Human Resources

Earl Cook, Police Chief, Alexandria Police Department

Mike Gilmore, Director, Department of Community and Human Services

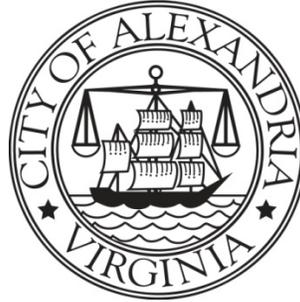
Adam Thiel, Fire Chief, Alexandria Fire Department

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



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Troy Seals, IT Project Manager, Information Technology Services

ALEXANDRIA INFORMATION TECHNOLOGY COMMISSION

Debra Roepke	Nina Baliga	Ruldoph Tota	Redella Pepper
Marjorie Conner	Steven Cooper	Alicia Hughes	Kostas Liopiros (Chair)
Lynda Rudd	Margaret Leary	Page Moon	Phillip Acosta

2011 Digital Cities Survey Award

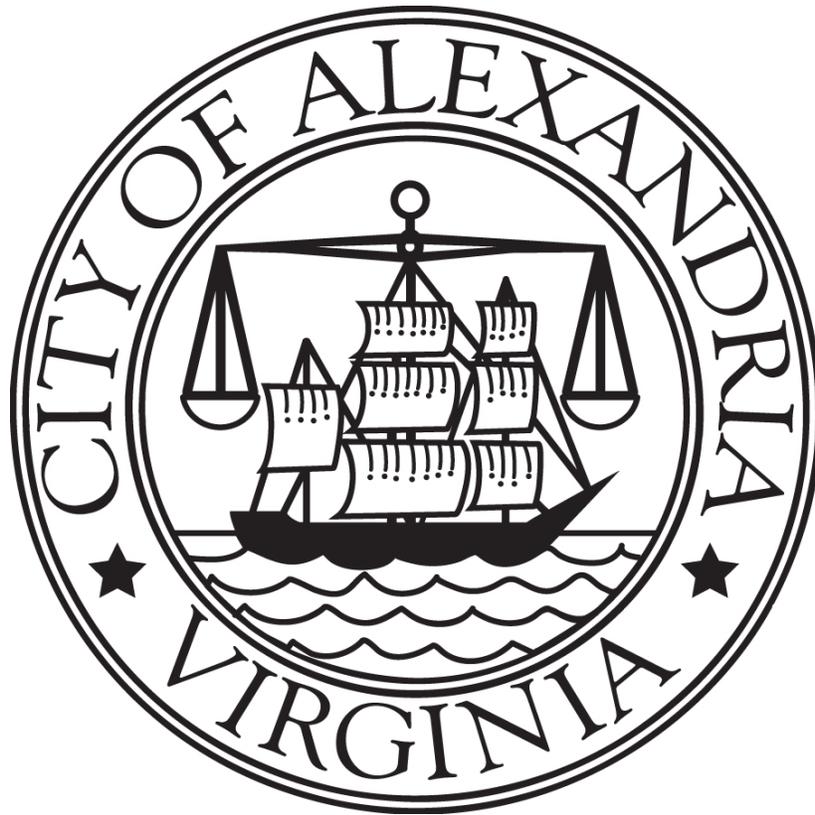


Alexandria's technology initiatives were ranked third in the nation for cities of its size, according to an annual study by the National League of Cities and the Center for Digital Government. The survey recognizes municipalities that successfully incorporate information technology into operations to 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.

While the City has finished in the top six every year since 2005, this is the City's highest placing since 2007. This year's submission highlighted the City's strategic investment in IT infrastructure, willingness to embrace new technologies and make organizational changes that have produced more effective support to the City's core business functions.

Significant projects and innovations that were highlighted include: completion of the city-wide VOIP phone system; the transition of the City's e-mail services to the cloud; implementation of server and storage consolidation and virtualization; the ITS and Public Safety implementation of NetMotion Wireless software for public safety mobility; GIS implementation of Geographic Analysis and Research Interface (GARI); implementation of an online application to request plumbing, electrical, mechanical, sign and fire protection system permits; the Department of Community and Human Services' (DCHS) Training and Personnel System (TPS); and the Office of Communications and Public Information's expanded use of social media, digital subscriptions for email and text messaging, and multimedia productions.

Organizational changes included the consolidation of the Department of Recreation, Parks, and Cultural Activities' Information Technology division into the Information Technology Services' Department; creation of a Chief Information Officer (CIO) position; and the consolidation of Police and Fire emergency dispatch center into Department of Emergency Communications (DEC).



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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.

Funding priority was given to projects deemed to protect existing investments. These projects are shown in the plan as ‘Maintenance/Continuation’ projects. These projects reflect varied needs, but essentially all support goals that ensure continued reliability and security of existing IT assets. These projects are considered to be projects that support “running the business.”

The next level funding priority was given to necessary project enhancements that occur periodically (such as version upgrades), and must be completed in order for the City to remain up-to-date with vendor releases. Again, these requests focus on protecting investments already made in technology solutions, to ensure ongoing viability and usability. These projects are shown in the plan as ‘Enhancement’ requests, and are considered to be projects that support “growing the business.”

Lastly, new project requests are funded where clear returns on investment are demonstrated, or for which the value proposition of the project is assured. These are not *required* for the City to function, but investments in improving operations are anticipated to produce returns (tangible and intangible) worth more over time than the initial investment required. These projects are shown in the IT Plan as ‘New Projects’ and are considered to be projects that support “transforming the business.”

This proposed FY 2013 - FY 2018 IT Plan, which totals \$36 million over this six-year period, with the general fund financing \$29.7 million of this cost, reflects:

- \$20.4 million in funding over six fiscal years to support Systems Development projects including 10.8 million to replace the City’s Computer Aided Dispatch system (used to intelligently dispatch police and fire emergency vehicles) and its associated data management systems;
- \$15.7 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.

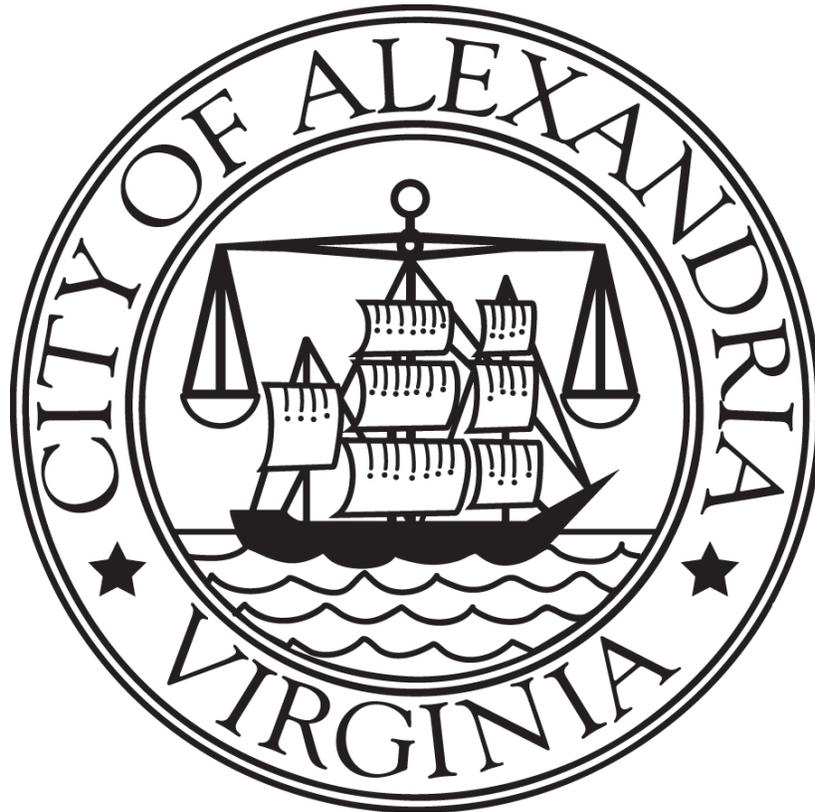
Information Technology Goals and Principles

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 the 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. The City kicked off the project in January 2012, and will implement the software package over an 18-to-24 month period. Once 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.

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 \$2.9 million in previously approved funding and \$0.5 million in additional funding for implementation costs in both FY 2013 and FY 2014.

Computer Aided Dispatch/Records Management System Replacement

The City has created a Department of Emergency Communications (DEC) that has assumed responsibility for all city emergency dispatch services, thereby consolidating Alexandria Fire Department (AFD) and Alexandria Police Department (APD) communications.

In February 2011, The City issued an RFP for new CAD/Mobile/Records Management systems to accommodate the demands of law enforcement, fire, and EMS operations in

a single solution. A new system is also required due to the age and coming obsolescence of the old system.

The IT Plan funding for this project includes \$3.6 million in FY 2012 (previously approved) funding, \$10.2 million in FY 2013 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. Funding for this project in FY 14 and beyond may be adjusted once the City has selected a vendor. It is anticipated a vendor award will be made by late spring 2012.

Office 365

In October 2011, the City transitioned from Microsoft Business Productivity Online Standard Suite (BPOS) to Office 365, Microsoft's next generation of communications and collaboration hosted services. Office 365 is a subscription service which includes the latest versions of:

- [Microsoft Exchange Online](#) for email and calendaring
- [Microsoft SharePoint Online](#) for portals and document sharing
- [Microsoft Lync](#) for presence availability, instant messaging, web and video conferencing
- [Office Web Apps](#) for a browser based version of Microsoft Office

In the hosted subscription service delivery model, Microsoft deploys and maintains both the hardware and software infrastructure in secure and redundant data centers, providing the City with an immediate disaster recovery plan for email messaging, collaboration, and communications. Office 365 creates many opportunities for the City to improve productivity and leverage the latest technologies for communication and collaboration.

IT Enterprise Management System

As a result of Planet & Moran's 2010 City wide IT Assessment, ITS implemented Microsoft's System Center Configuration Manager in October 2010 and System Center Service Manager in October 2011. These tools create a standardized enterprise help desk environment that streamlines end-user support and facilitates proactively managing enterprise desktops.

Service Manager contains a self-service portal that allows end-users to search knowledgebase articles and manage requests. Since the deployment of Service Manager (known as AlexIT), 42% of Courts, DCHS, and ITS' technical requests are submitted through the self-service portal. ITS and external helpdesks are able to

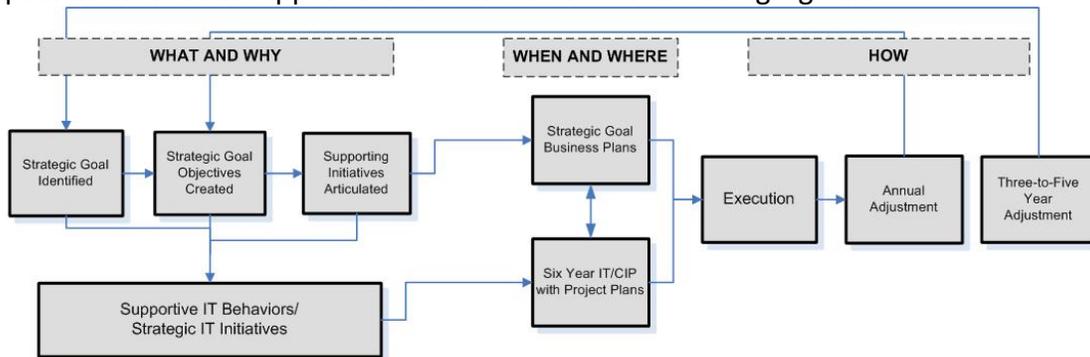
prioritize and efficiently manage end-user support services. Public Safety agencies will begin using AlexIT in the coming year.

To ensure productivity of the desktop computing environment, Configuration Manager is utilized to distribute software and security updates. Configuration Manager allows ITS to generate detailed reports on application and hardware compliance. In the near future, Configuration Manager will be used to deploy Windows 7 operating systems to the enterprise.

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.

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 at least one of the seven 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 >Geographic Information System Development
IT Projects: >Permit Processing

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

Supporting >DCHS Medical Records Management
IT Projects: >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: >DHS Payment System Replacement

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

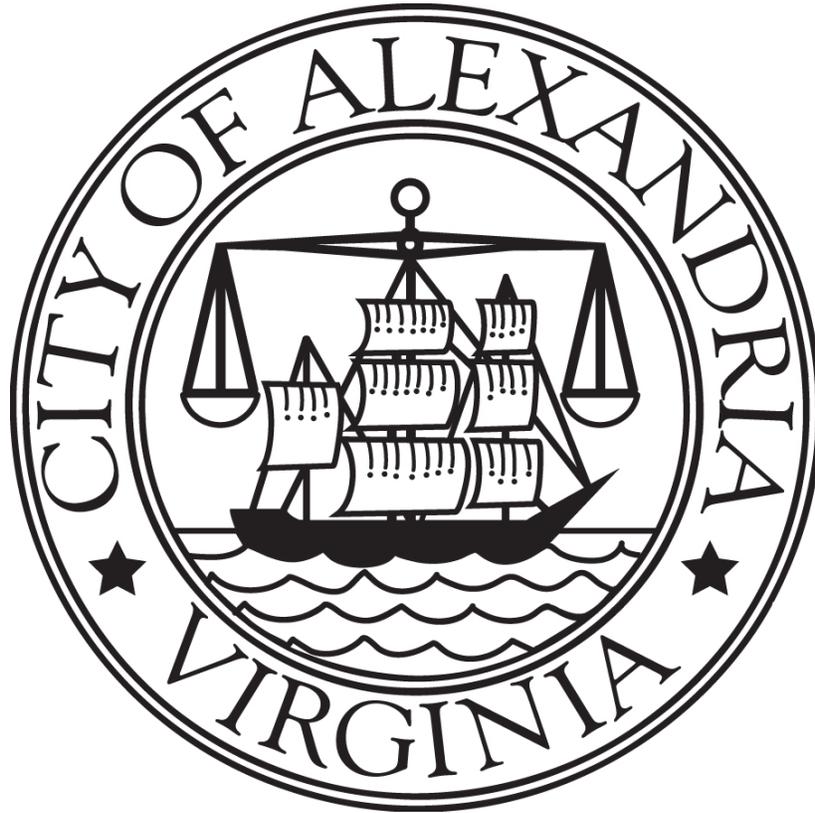
<i>Supporting</i>	>Electronic Government	>LAN/WAN Infrastructure
<i>IT Projects:</i>	>Customer Relationship Management System	>LAN Development
	>Enterprise Resource Planning System	>Enterprise Data Storage Infrastructure
	>Enterprise Resource Planning System	>Upgrade Work Station Operating Systems
	>Business Tax System	>Network Server Infrastructure
	>Real Estate Accounts Receivable System	>Voice Over IP
	>Personal Property Tax System	>Database Infrastructure
	>Finance Payment Kiosk	>Municipal Fiber Network
	>Virtual Adjudication	>IT Enterprise Management System
	>Purchasing System Upgrade	>IT Replacement Equipment
	>Reciprocity Contractor System	>Document Management and Imaging Infrastructure
	>Customer Management System	
	>Enterprise Maintenance Management System	

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

Supporting >Public Safety Radio System Replacement
IT Projects: >Alexandria Justice Information System Enhancements
 >Police CAD/RMS Project
 >Remote Radio Technology Project
 >Computer Aided Dispatch System Replacement
 >Fire Radios
 >Network Security
 >Connectivity Initiatives

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

Supporting >Library Wireless Solution
IT Projects: >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 2013 to FY 2018 Information Technology Capital Improvement Plan (IT/CIP) total of \$36 million continues the City’s Information Technology agenda. The IT/CIP total of \$36 million in City funding compares with \$40.5 million in City funding in the FY 2012 to FY 2017 Information Technology Capital Improvement Plan. This represents a decrease of \$4.5 million, primarily attributable to the decrease in CAD/RMS Replacement project funds which is now based on a more accurate assessment of needs

The City proposed funding for the FY 2013 – FY 2018 IT Plan is as follows:

	City Share	Outside Revenues	Total
FY 2013	\$14,388,000	\$1,054,000	\$15,442,000
FY 2014	\$4,710,000	\$1,054,000	\$5,764,000
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
Total	\$29,753,000	\$6,324,000	\$36,077,000

FY 2019 – FY 2022 Funding Estimates

In keeping with City Council’s request to estimate CIP funding amounts for 10 fiscal years, attached is the estimated IT Plan funding for FY 19 – FY 22. It is worth noting that precise budgeting for technology 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 2019 to FY 2022
9-Feb-12

CIP Project ID	Project Title	FY 2019	FY 2020	FY 2021	FY 2022
<i>TOTAL Net Costs - All Information Technology CIP Projects</i>		3,554,000	3,554,000	3,554,000	3,554,000
<i>015-014 Systems Development</i>		1,300,000	1,300,000	1,300,000	1,300,000
<i>015-014-1</i>	<i>Public Access Development</i>	<i>200,000</i>	<i>200,000</i>	<i>200,000</i>	<i>200,000</i>
<i>015-014-2</i>	<i>Document Management Systems</i>	<i>50,000</i>	<i>50,000</i>	<i>50,000</i>	<i>50,000</i>
<i>015-014-3</i>	<i>Financial and Human Resource Systems</i>	<i>400,000</i>	<i>400,000</i>	<i>400,000</i>	<i>400,000</i>
<i>015-014-4</i>	<i>Geographic Information Systems</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>
<i>015-014-5</i>	<i>Public Safety Systems</i>	<i>425,000</i>	<i>425,000</i>	<i>425,000</i>	<i>425,000</i>
<i>015-014-7</i>	<i>Other System Development Projects</i>	<i>125,000</i>	<i>125,000</i>	<i>125,000</i>	<i>125,000</i>
<i>015-015 Infrastructure Projects</i>		<i>2,254,000</i>	<i>2,254,000</i>	<i>2,254,000</i>	<i>2,254,000</i>
<i>015-015-1</i>	<i>Network Services</i>	<i>1,150,000</i>	<i>1,150,000</i>	<i>1,150,000</i>	<i>1,150,000</i>
<i>015-015-3</i>	<i>Enterprise Services</i>	<i>50,000</i>	<i>50,000</i>	<i>50,000</i>	<i>50,000</i>
<i>015-015-4</i>	<i>Connectivity Projects</i>	<i>1,054,000</i>	<i>1,054,000</i>	<i>1,054,000</i>	<i>1,054,000</i>

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 2013 – FY 2018

Handheld Data Collection Devices – This project provides funds of \$25,000 in FY 2013 to purchase 11 of the handheld devices that will be used by the Department of Real Estate Assessment appraisers in the field. These devices will allow the City’s appraisers to access the Department’s Computer Assisted Mass Appraisal (CAMA) and GIS systems remotely, and to update property information.

Remote Radio Technology – This project provides funds of \$24,000 in FY 2013 to allow the Sheriff’s Office to conduct a pilot program of Remote Radio software. The Remote Radio software and hardware procured will allow the Sheriff’s Office to expand radio communication capability by allowing transmissions to be received on staff mobile devices, laptops, and desktop computers.

Library Wireless Solution – This project provides funds of \$20,000 in FY 2013, \$2,500 in FY 2014, and \$20,000 in FY 2017 to purchase and install improved wireless access points in all four buildings in the City’s Library system. Currently, the library is using a very low bandwidth connection at all the buildings to provide free wireless to the library patrons. Due to low bandwidth, lack of hotspots, and high volume usage, patrons are getting frequently disconnected.

Recreation Database & Financial System – This project provides funds of \$50,000 in FY 2013 to support the continued development of the capabilities of The Recreation Department’s registration management system. This system handles league scheduling, facility room reservations, park rentals, class registration, and financial tracking. The funding will be utilized to expand web applications, replace hardware, and develop customized reporting.

IT Equipment Replacement – This project provides funds of \$600,000 in FY 2013 and \$200,000 annually FY 2014 to FY 2018. The funds will be used to replace City staff desktops that are at or near the end of the warranty period with upgraded and/or new desktop computers. The project was funded with more money in FY 13 than in the out years to accelerate the rate of PC replacements as the City upgrades to Windows 7 Operating System.

Library LAN/WAN Infrastructure – This project provides funds of \$60,000 in FY 2013 to install new, or upgraded CAT 6e throughout the library system. It will expand the number of drops which will allow for better utilization of the LAN infrastructure.

Library Replacement Equipment – This project provides funds of \$34,000 in FY 2013 to install new, or upgrade staff workstations, public terminals, servers, and other peripherals throughout the library system.

Fort Ward I-Net Connectivity – This project provides funds of \$40,000 in FY 2013 to connect Fort Ward Museum to the City’s I-Net. This will allow staff to work more effectively with their colleagues in other Historic Alexandria museums and throughout the City. It will also provide for better access to shared departmental network files and applications.

Existing Project Highlights

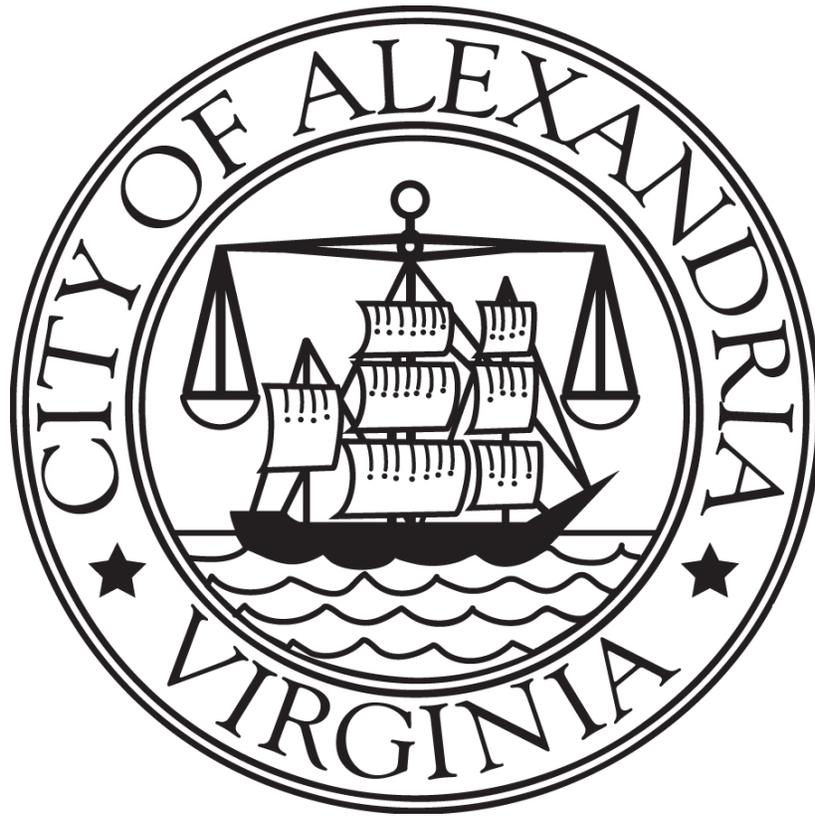
Enterprise Resource Planning – This project provides funds for \$30,000 in FY 2013 to implement a module of the Business Tax System that will track the amount of revenue earned by contractors in the City. This will be used to calculate accurate taxes owed by contractors. This system replaces an older system that is not integrated with the current Business Tax system.

Enterprise Management Maintenance System– This project provides funds for the expansion of Cityworks maintenance management software to additional departments throughout the City. In FY 2012, funds were included for implementation and configuration services to implement Cityworks in the General Services department. Cityworks will replace General Services currently unsupported computerized work order management system. Cityworks will add capacity for refined asset health information. Cityworks will enable 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. In FY 2013 – FY 2018 funds are included to expand this product to the department of Transportation & Environmental Services, and the department of Recreation, Parks and Cultural Activities.

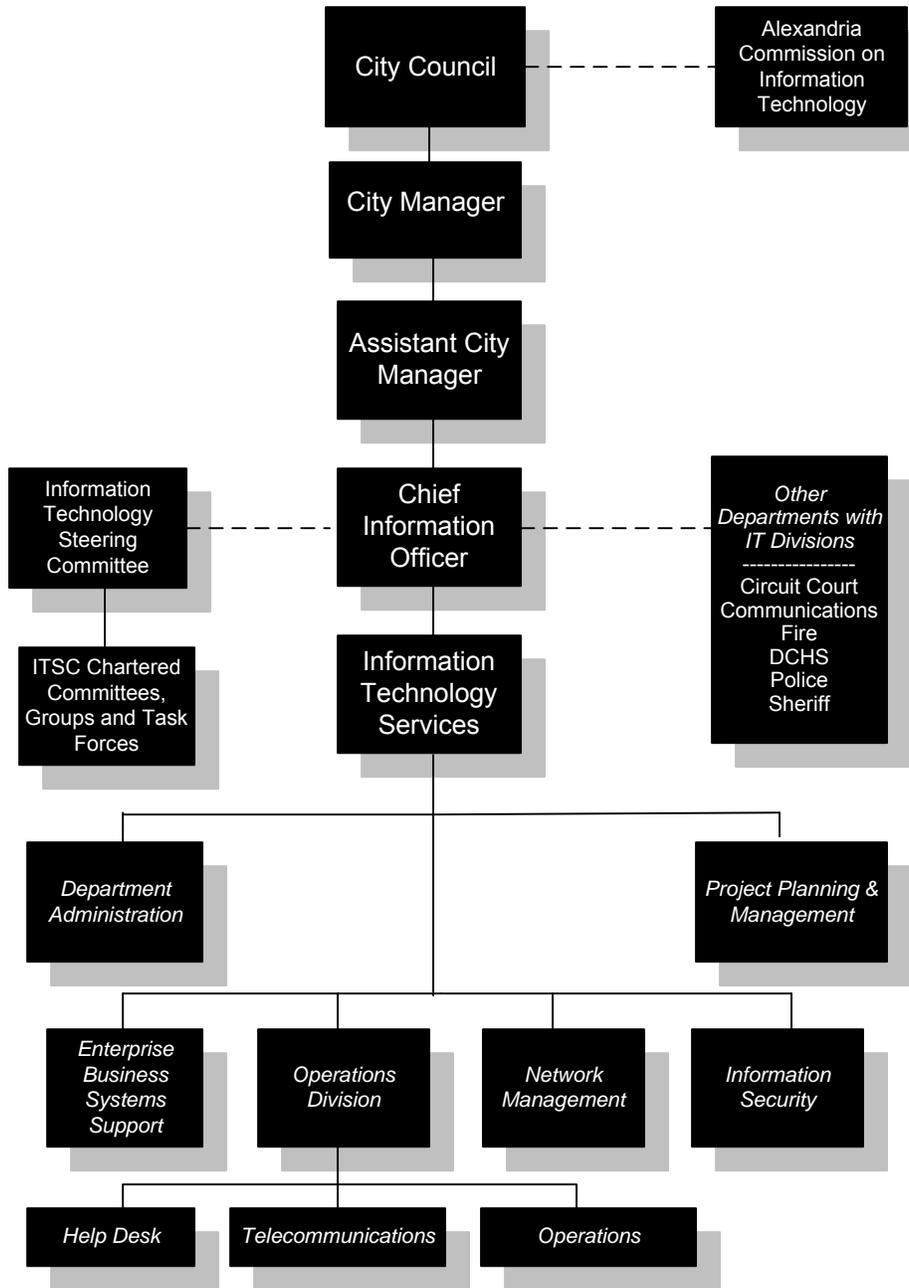
Geographic Information Systems - This project supports the continuation of critical Geographic Information System requirements and new initiatives as outlined in the FY 2013-FY 2017 GIS Strategic Plan. The GIS Strategic Plan identifies opportunities for more robust GIS services to assist the City in 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. Funds used in FY 2013 will be used to extend current GIS GARI development, assist with data and tasks for Cityworks, improve demographic capabilities, improve address and location data, and end user editing support. Funds in the remaining years will support the ongoing function of GIS in the City.

Permit Processing - This project is ongoing, and will continue developing the City’s various building related permit systems indefinitely. The project would empanel a committee to review the need to upgrade and replace the Permit Plan system. Funds in FY 2013 of \$65,000 will be used for consulting purposes to prepare a requirements

analysis and draft a request for proposal document. Based on the results of the replacement study, the recommended funding for FY 2014 of \$1 Million and FY 2015 of \$1 Million anticipates the need for the replacement of the City's existing permitting system which is currently 20 years old.



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 Technologies Steering Committee

The Information Technologies Steering Committee (ITSC) is chaired by the CIO and composed of representatives from the City's top-level management and user agencies. The ITSC was established in 1987 to advise the City Manager on the planning and prioritization of City information technology systems and services, and to coordinate all major IT acquisitions. The ITSC's recommendations for the City's information technology investments have been guided by the following Strategic Principles:

- Give priority to addressing urgent public safety and public health needs;
- meeting legal requirements;
- maintaining and improving vital business processes;
- exploiting available non-City resources for funding; and
- demonstrating quantifiable returns on investment.

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:

Department Administrative Services

Responsible for department human resources processing, office management, billing, meeting and schedule coordination, simple purchase management, reception and training administration.

Information Security Office

This section is responsible for the assessment, formulation and implementation of enterprise-wide IT security policies.

Project Management Division

Responsible for planning, management and assessment of enterprise IT projects, complex purchase management, budgeting, and financial management.#

#

Operations Division

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 processes scheduled production, and performs data backups and restores.

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).

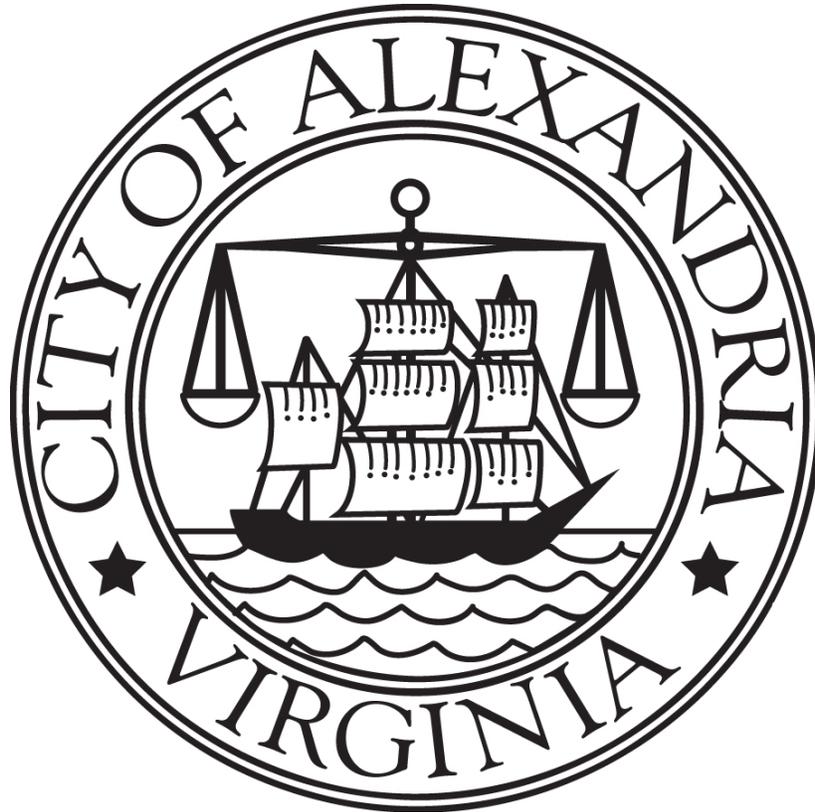
Alexandria Sheriff’s Office — The Technology and Information Management Unit (TIM) within the Office of the Sheriff has a staff of 3. The team supports IT initiatives related to the Sheriff’s Office, coordinates activities with the ITS, and works with other City agencies, local government, and state 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 in-car video system, which records audio and video inside and outside of prisoner transport vehicles, 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 219 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 2013 to FY 2018. Detailed descriptions of each project follow the summary.

**Information Technology
Capital Improvement Plan For FY 2013 to FY 2018
10-Feb-12**

CIP Project ID	Project Title (2)	Net Balances									
		Net Totals (3)	Prior Year (4)	FY 2013 (5)	FY 2014 (6)	FY 2015 (7)	FY 2016 (8)	FY 2017 (9)	FY 2018 (10)		
36 015-014-7	Other System Development Projects	3,465,600	275,600	260,000	1,280,000	1,115,000	155,000	245,000	135,000	0	
37 015-014-7-1	Permit Processing	140,600	0	65,000	1,000,000	1,000,000	0	0	0	0	
38 015-014-7-4	DCHS HIPAA Data Security Compliance	0	0	75,000	25,000	25,000	25,000	25,000	25,000	25,000	
39 015-014-7-5	Enterprise Maintenance Management System	135,000	135,000	50,000	92,500	60,000	100,000	100,000	60,000	60,000	
40 015-014-7-6	DCHS Payment System	0	0	0	125,000	0	0	0	0	0	
41 015-014-7-8	Voter System Replacement	0	0	0	0	0	0	0	0	0	
42 015-014-7-12	NEW Library Wireless Solution	0	0	20,000	2,500	0	0	20,000	0	0	
43 015-014-7-15	NEW Recreation Database & Financial Systems	0	0	50,000	35,000	30,000	30,000	100,000	50,000	50,000	
44											
45 015-015	Infrastructure Projects	17,856,000	2,163,000	3,258,000	2,454,000	2,424,000	2,384,000	2,354,000	2,819,000	2,819,000	
46											
47 015-015-1	Network Services	17,856,000	2,163,000	3,258,000	2,454,000	2,424,000	2,384,000	2,354,000	2,819,000	2,819,000	
48 015-015-1-1	LAN/WAN Infrastructure	625,000	300,000	300,000	275,000	270,000	280,000	275,000	450,000	450,000	
49 015-015-1-2	LAN Development	50,000	50,000	15,000	25,000	25,000	25,000	25,000	25,000	25,000	
50 015-015-1-3	Enterprise Data Storage Infrastructure	0	0	95,000	90,000	90,000	130,000	130,000	300,000	300,000	
51 015-015-1-4	Upgrade Work Station Operating Systems	250,000	250,000	450,000	200,000	200,000	200,000	200,000	200,000	200,000	
52 015-015-1-5	Network Server Infrastructure	0	0	175,000	175,000	170,000	180,000	175,000	175,000	175,000	
53 015-015-1-6	NEW IT Equipment Replacement	0	0	600,000	200,000	200,000	200,000	200,000	200,000	200,000	
54 015-015-2-2	Voice Over IP	130,000	130,000	75,000	75,000	75,000	75,000	100,000	75,000	75,000	
55 015-015-2-3	Security	50,000	50,000	100,000	100,000	100,000	200,000	155,000	100,000	100,000	
56 015-015-2-5	Database Infrastructure	73,000	73,000	60,000	60,000	40,000	40,000	40,000	40,000	40,000	
57 015-015-3-4	IT Enterprise Management System	0	0	200,000	200,000	200,000	0	0	200,000	200,000	
58 015-015-3-5	Connectivity Initiatives	985,000	985,000	1,054,000	1,054,000	1,054,000	1,054,000	1,054,000	1,054,000	1,054,000	
59 015-015-4-1	NEW Library LAN/WAN Infrastructure	0	0	60,000	0	0	0	0	0	0	
60 015-015-4-2	NEW Library Replacement Equipment	0	0	34,000	0	0	0	0	0	0	
61 015-015-5-1	NEW Fort Ward I-Net Connectivity	0	0	40,000	0	0	0	0	0	0	



Operating Impacts

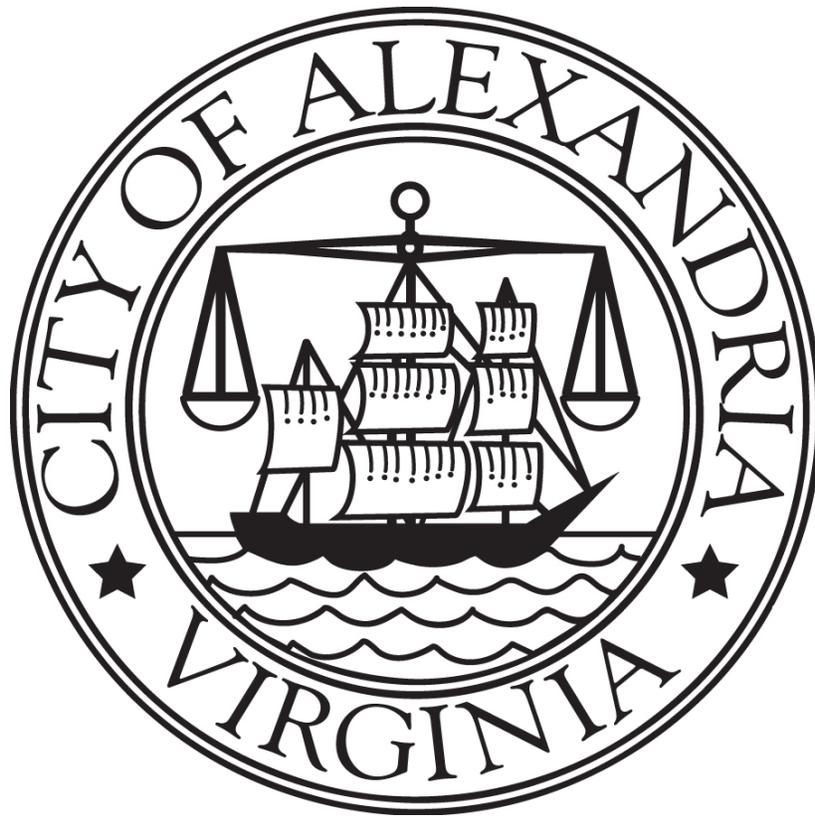
The following table summarizes the estimated impacts of the costs of operating current IT systems as well as the operating costs of implementation of relevant projects included in the FY 2013 – FY 2018 Information Technology Plan of the City’s operating budget.

**Information Technology
Capital Improvement Plan For FY 2013 to FY 2018 - Estimated Operating Impacts
10-Feb-12**

CIP Project ID (1)	Project Title (2)	Six Year Totals (3)						FY 2017 (8)	FY 2018 (9)
		FY 2013 (4)	FY 2014 (5)	FY 2015 (6)	FY 2016 (7)	FY 2017 (8)	FY 2018 (9)		
TOTAL Operating Costs - All Information Technology CIP Projects		10,935,452	947,194	2,042,377	2,223,068	2,380,988	2,515,507		
015-005 Systems Development		4,667,448	-37,838	1,012,354	1,148,071	1,265,413	1,386,230		
1	015-014-1 Public Access Development	825,324	124,200	134,710	140,059	145,713	151,582		
2	015-014-1-2 Electronic Government	119,000	123,760	128,710	133,859	139,213	144,782		
3	015-014-1-3 Customer Relationship Management System	5,200	5,300	6,000	6,200	6,500	6,800		
4									
5	015-014-2 Document Management Systems	547,191	87,960	89,958	91,997	94,077	97,200		
6	015-014-2-1 DCHS Medical Records Management	24,000	24,960	25,958	26,997	28,077	29,200		
7	015-014-2-2 Document Management and Imaging Infrastructure	62,000	63,000	64,000	65,000	66,000	68,000		
8									
9	015-014-3 Financial Systems	2,600,209	527,754	382,182	378,856	394,785	407,269		
10	015-014-3-2 Real Estate Assessment System	34,300	35,672	37,099	38,583	40,126	41,731		
11	015-014-3-3 Enterprise Resource Planning System	158,464	163,218	168,114	173,158	181,816	190,907		
12	015-014-3-4 Financial Accounting and Asset Management System	152,000	158,080	0	0	0	0		
13	015-014-3-6 Business Tax System	21,000	22,000	23,000	24,000	25,000	25,000		
14	015-014-3-7 Real Estate Accounts Receivable System	21,000	21,200	22,000	22,660	23,300	25,000		
15	015-014-3-9 Personal Property Tax System	123,600	127,300	131,000	135,000	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	(5,100)	(5,304)	(5,516)	(5,737)	(5,966)	(6,205)		
18	015-014-3-12 Purchasing System Upgrade	15,000	15,000	15,600	0	0	0		
19	015-014-3-13 Reciprocity Contractor System	7,600	7,828	8,063	8,305	8,554	8,810		
20	015-014-3-14 Customer Management System	1,500	1,560	1,622	1,687	1,755	1,825		
21	015-014-3-16 NEW Handheld Data Collection Devices	0	1,200	1,200	1,200	1,200	1,200		
22									
23	015-014-4 Geographic Information Systems	1,009,339	152,000	158,288	164,620	171,204	178,052		
24	015-014-4-1 GIS Development	152,000	158,288	164,620	171,204	178,052	185,175		
25									
26	015-014-5 Public Safety Systems	-1,421,336	-1,088,800	70,360	152,726	237,267	327,110		
27	015-014-5-1 Public Safety Radio System Replacement	560,000	582,400	605,696	629,924	655,121	681,326		
28	015-014-5-2 AJIS Enhancements	165,000	171,600	178,464	185,603	193,027	200,748		
29	015-014-5-3 Police Computer Aided Dispatch (CAD)/RMS Project	25,000	25,000	0	0	0	0		
30	015-014-5-4 Fire Records Management Project	45,000	46,000	0	0	0	0		
31	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)		
32	015-014-5-13 Computer Aided Dispatch System Replacement	0	0	1,200,000	1,248,000	1,297,920	1,349,837		
33	015-014-5-15 Fire Radios	85,000	85,000	85,000	88,000	90,000	94,000		
34	015-014-5-16 NEW Remote Radio Technology	0	1,200	1,200	1,200	1,200	1,200		

**Information Technology
Capital Improvement Plan For FY 2013 to FY 2018 - Estimated Operating Impacts
10-Feb-12**

CIP Project ID (1)	Project Title (2)	Six Year Totals (3)						FY 2017 (8)	FY 2018 (9)
		FY 2013 (4)	FY 2014 (5)	FY 2015 (6)	FY 2016 (7)	FY 2017 (8)	FY 2018 (9)		
35									
36	015-014-7 Other Systems	141,654	147,900	170,524	213,229	215,519	217,895		
37	015-014-7-1 Permit Processing	32,000	33,000	34,500	75,000	75,000	75,000		
38	015-014-7-5 Enterprise Maintenance Management System	61,000	61,000	61,000	61,000	61,000	61,000		
39	015-014-7-4 DCHS HIPAA Data Security Compliance	5,408	5,624	5,849	6,083	6,327	6,580		
40	015-014-7-6 DCHS Payment System	33,746	35,096	36,500	37,960	39,478	41,057		
41	015-014-7-8 Voter System Replacement	0	0	19,000	19,000	19,000	19,000		
42	015-014-7-12 NEW Library Wireless Solution	0	3,300	3,400	3,500	3,600	3,700		
43	015-014-7-15 NEW Recreation Database & Financial Systems	9,500	9,880	10,275	10,686	11,114	11,558		
44									
45	015-015 Infrastructure Projects	933,100	985,032	1,030,022	1,074,997	1,115,575	1,129,277		
46									
47	015-015-1 Network Services	933,100	985,032	1,030,022	1,074,997	1,115,575	1,129,277		
48	015-015-1-1 LAN/WAN Infrastructure	61,000	63,440	65,978	68,617	71,361	74,216		
49	015-015-1-2 LAN Development	5,000	5,200	5,408	5,624	5,849	6,083		
50	015-015-1-3 Enterprise Data Storage Infrastructure	137,000	149,000	162,000	175,000	188,000	188,000		
51	015-015-1-4 Upgrade Work Station Operating Systems	93,600	97,344	101,238	105,287	109,499	113,879		
52	015-015-1-5 Network Server Infrastructure	84,000	88,000	92,000	96,000	100,000	100,000		
53	015-015-1-6 NEW IT Equipment Replacement	10,000	10,300	10,609	10,927	11,255	11,592		
54	015-015-2-2 Voice Over IP	400,000	412,000	425,000	440,000	450,000	450,000		
55	015-015-2-3 Security	10,000	10,000	12,500	12,500	12,500	12,500		
56	015-015-2-5 Database Infrastructure	11,300	11,700	12,000	12,300	12,700	12,700		
57	015-015-3-4 IT Enterprise Management System	31,200	32,448	33,746	35,096	36,500	37,960		
58	015-015-3-5 Connectivity Initiatives	90,000	93,600	97,344	101,238	105,287	109,499		
59	015-015-4-1 NEW Library LAN/WAN Infrastructure	0	4,500	4,500	4,500	4,500	4,500		
60	015-015-4-2 NEW Library Replacement Equipment	0	2,500	2,500	2,500	2,500	2,500		
61	015-015-5-1 NEW Fort Ward I-Net Connectivity	0	5000	5200	5408	5624	5849		



IT Projects That Have Been Closed

Payroll/Human Resources System – This project has been renamed as ‘Enterprise Resource Planning System’ which more accurately characterizes the planned use of project funds.

Library Self-Checkout Stations – This project has been closed as the two self-checkout stations have been successfully procured and they will be installed in FY 2013. No additional funding is needed at this time. Patron satisfaction will be evaluated after the stations are installed, to ensure the outcome is as expected.

Library Debt Collection Software – This project has been closed as the software has been successfully procured and installed as of July 2011. There has been a positive return on investment for this project, and no additional funding is needed at this time.

Municipal Fiber Network – Funds previously provided of \$160,000 in FY 2012 allowed the City to conduct a feasibility assessment and design study to install City owned fiber and wireless broadband networks that are independent of the current Institutional Network infrastructure. This project was not funded in FY 2013, but will require a decision on funding based on results from the feasibility assessment. If this project is started it must be completed by 2016.

TES Infrastructure Management and Maintenance – This project has been closed and the project funds for FY 2013 to FY 2018 were combined with the Enterprise Maintenance Management Project to support the citywide effort on an enterprise level.

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 E-Government initiatives and the Customer Relationship Management system projects support this strategy.

Public Access Development

	Prior Year Unallocated	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTALS
Electronic Government	\$317,340	\$0	\$75,000	\$75,000	\$100,000	\$100,000	\$85,000	\$752,340
Customer Relationship Management System	\$75,000	\$50,000	\$50,000	\$50,000	\$75,000	\$75,000	\$50,000	\$425,000
Total, Net City Cost	\$392,340	\$50,000	\$125,000	\$125,000	\$175,000	\$175,000	\$135,000	\$1,177,340

Electronic Government
(015-014-1-2)

Type of Request:
[] – New Project
[] - Enhancement
[X] - Maintenance/Continuation

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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> 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:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> This project supports City Council’s goal of “a city government that is financially sustainable, efficient and community oriented, and values its employees.”

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$75,000	\$75,000	\$100,000	\$100,000	\$85,000
Annual Operating Budget Impact	\$119,000	\$123,760	\$128,710	\$133,859	\$139,213	\$144,782

Changes from Prior Years and Other Information:

Funding for this project has been extended through FY 2017.

Customer Relationship Management System

(015-014-1-3)

Type of Request:
<input type="checkbox"/> – New Project
<input checked="" type="checkbox"/> - Enhancement
<input type="checkbox"/> - Maintenance/Continuation

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 CRM includes a database system; the client software used by City staff to access the database; a portal on the City’s website for use by customers; use of the system by staff to enter requests made by phone, mail, or in person; and policies and procedures regarding use of the system. The system is also compliant with the international Open311 standard, which allows third-party web and mobile developers to create applications that allow users to route requests to the CRM. 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 performance-based budgeting; integration with GIS for trend analysis; and a reduced burden on email systems.

The CRM was launched in CY2010 for requests related to the Departments of Transportation & Environmental Services and Recreation, Parks & Cultural Activities. Since then, additional departments have been added. The backend database and client software for the CRM is the Computerized Maintenance Management System (CMMS) that became operational in CY2009.

Characteristics and Attributes:	
Critical Drivers:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> This project is necessary to provide for efficient, consistent, and accountable handling of customer requests for service.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> This project improves efficiency, promotes interdepartmental communication, improves customer service and satisfaction, and provides for management oversight and accountability.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> 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:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> This project promotes a responsive government that makes efficient use of limited resources to provide a high level of customer service.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$50,000	\$50,000	\$50,000	\$75,000	\$75,000	\$50,000
Annual Operating Budget Impact	\$5,200	\$5,300	\$6,000	\$6,200	\$6,500	\$6,800

Changes from Prior Years and Other Information:

Monies requested for this project will go towards additional enhancements to the base product.

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 much faster to access documents that are stored electronically.

Document Management Systems

	Prior Year Unallocated	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTALS
DCHS Records Management System	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Document Management and Imaging Infrastructure	\$0	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$80,000
Total, Net City Cost	\$0	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$280,000

DCHS Records Management System
(015-014-2-1)

Type of Request:
<input type="checkbox"/> – New Project
<input checked="" type="checkbox"/> - Enhancement
<input type="checkbox"/> - Maintenance/Continuation

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 will 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? <ul style="list-style-type: none"> • Mandates and increased emphasis on implementing electronic health records
Business Functions Addressed:	How does this impact the business? <ul style="list-style-type: none"> • Improved processing speed and reporting capabilities
Performance Expectation:	How can we measure the project's success? <ul style="list-style-type: none"> • 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? <ul style="list-style-type: none"> • City staff depends on this system to stay current with data security, availability, and reporting requirements.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$24,000	\$24,960	\$25,958	\$26,997	\$28,077	\$29,200

Changes from Prior Years and Other Information:

No additional funding is required at this time. Final balance will be used to outfit the remaining departmental functional units with hardware and software needed to capture and store data electronically (scanners, signature pads, related software).

Document Management and Imaging System
(015-014-2-2)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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.

Characteristics and Attributes:	
Critical Drivers:	Why is this project needed now? <ul style="list-style-type: none"> • Ongoing need for records management - electronic information that is not rapidly accessible is of little value.

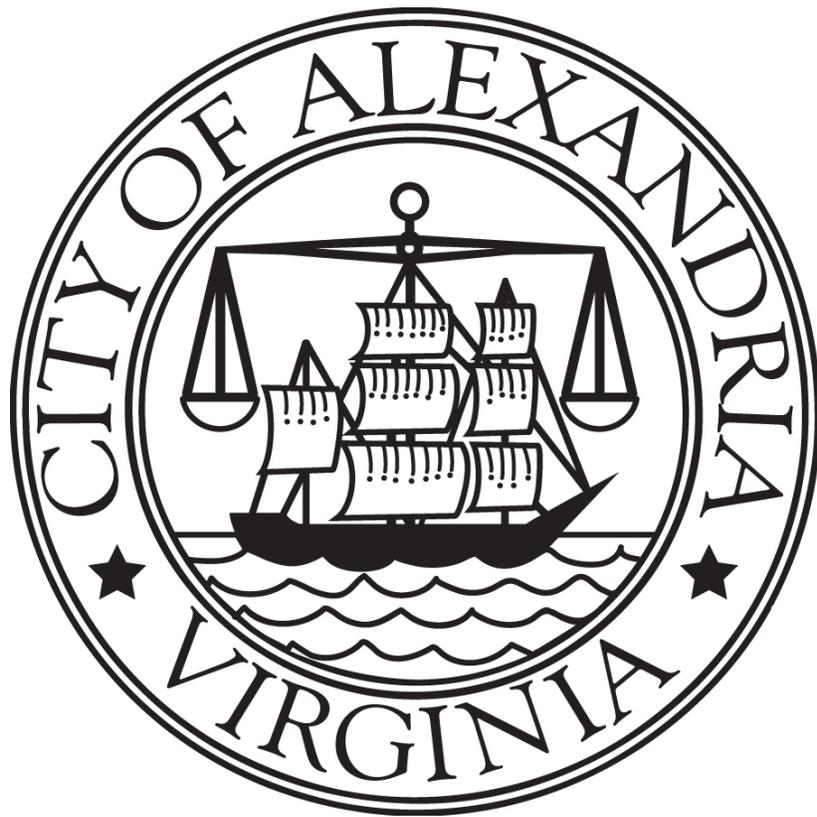
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Reduces storage and search costs for public records, improves security for staff and access for citizens.
Performance Expectation:	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> Better access to information and services for residents, and reduced costs for storage and retrieval.
Alignment with Mission:	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> Management and retrieval of electronic records supports delivery of government services in the more efficient manner.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000
Annual Operating Budget Impact	\$62,000	\$63,000	\$64,000	\$65,000	\$66,000	\$68,000

Changes from Prior Years and Other Information:

The document imaging is becoming a more stable and mature application; therefore we are reducing the amount of capital required in the out years.



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 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTALS
Real Estate Assessment System	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Resource Planning	\$0	\$500,000	\$500,000	\$75,000	\$100,000	\$100,000	\$75,000	\$1,350,000
Financial Accounting and Asset Management System	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Business Tax System	\$34,000	\$25,000	\$85,000	\$0	\$50,000	\$50,000	\$50,000	\$294,000
Real Estate Accounts Receivable System	\$200,000	\$200,000	\$0	\$0	\$0	\$20,000	\$0	\$420,000
Personal Property Tax System	\$0	\$0	\$0	\$0	\$260,000	\$0	\$0	\$260,000
Financial Payment Kiosk	\$50,000	\$0	\$0	\$0	\$0	\$0	\$25,000	\$75,000
Virtual Adjudication	\$20,000	\$0	\$0	\$0	\$0	\$0	\$10,000	\$30,000
Purchasing System Upgrade	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
Reciprocity Contractor System	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Customer Management System	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$5,000
NEW Handheld Data Collection Devices	\$0	\$25,000						\$25,000
Total, Net City Cost	\$319,000	\$780,000	\$585,000	\$335,000	\$150,000	\$200,000	\$135,000	\$2,504,000

Real Estate Assessment System (015-014-3-2)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> The accurate and efficient assessment of real property in the City of Alexandria.
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Increased revenue and reduced costs.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> The project will improve the valuation processes and procedures, which supports over 50% of the City’s total revenues.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$34,300	\$35,672	\$37,099	\$38,583	\$40,126	\$41,731

Changes from Prior Years and Other Information:

There are no changes to this project from the prior fiscal year.

Enterprise Resource Planning System

(015-014-3-3)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Project Description: What does this project do?

The City desires a fully integrated Enterprise Resource Planning solution that includes automated processes, built-in workflows, approvals, triggers, alerts and reminders. 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.

Characteristics and Attributes:	
Critical Drivers:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> • 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> • 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> • 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:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> • 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$500,000	\$500,000	\$75,000	\$100,000	\$100,000	\$75,000
Annual Operating Budget Impact	\$158,464	\$163,218	\$168,114	\$173,158	\$181,816	\$190,907

Changes from Prior Years and Other Information:

Funds for FY 2013 and FY 2014 will be used to acquire additional contracted staff resources to keep the project on its very ambitious schedule.

Financial Accounting & Asset Management

(015-014-3-4)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Project Description: What does this project do?

This project supports ongoing maintenance, of several interrelated City financial systems, including the City’s financial accounting system and fixed asset management system. Currently, these systems are separately administered modules of the same overall software system. There are interfaces with several other City systems including payroll, the City’s cash register, check writing and purchase card systems. These legacy systems will be replaced by the Enterprise Resource Planning System modules.

Characteristics and Attributes:	
Critical Drivers:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> This project is currently being reviewed for replacement by the Enterprise Resource Planning System. It will be critical to update this system once the new ERP system is available.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Combining this system with the City’s primary human resource system and other related systems could reduce the employee labor associated with maintaining and upgrading the various system linkages.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> Reduction in overall costs to maintain several interrelated City financial processes.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> System upgrade supports effective financial accounting and asset management.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$152,000	\$158,000	\$0	\$0	\$0	\$0

Changes from Prior Years and Other Information:

The project does not require additional funds at this time.

Business Tax Systems
(015-014-3-6)

Type of Request:	
<input type="checkbox"/>	- New Project
<input checked="" type="checkbox"/>	- Enhancement
<input type="checkbox"/>	- 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> • Upgrade was required to migrate from aging applications that are longer supportable. • Establish basis for future cost savings on enterprise system.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> • Improves efficiency through 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> • Reduction in overall cost per transaction for business tax account processed. • Increased delinquent business tax collection rates. • Improved customer service.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> • 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$25,000	\$85,000	\$0	\$50,000	\$50,000	\$50,000
Annual Operating Budget Impact	\$21,000	\$22,000	\$23,000	\$24,000	\$25,000	\$25,000

Changes from Prior Years and Other Information:

The funds requested reflect estimated costs to complete vendor upgrades.

Real Estate Accounts Receivable System

(015-014-3-7)

Type of Request:
<input type="checkbox"/> - New Project
<input checked="" type="checkbox"/> - Enhancement
<input type="checkbox"/> - 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Will provide more efficient collection of funds with less management oversight.
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Enhanced functionality, better system interfaces, and better financial reporting information for taxpayers and staff.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> Upgrades will improve the management and functionality of the system ensuring the delivery of government services in a more efficient manner.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$200,000	\$0	\$0	\$0	\$20,000	\$0
Annual Operating Budget Impact	\$21,000	\$21,200	\$22,000	\$22,660	\$23,300	\$25,000

Changes from Prior Years and Other Information:

This project is being evaluated for potential integration with the City’s Enterprise Resource Planning System.

Personal Property Tax System

(015-014-3-9)

Type of Request:	
<input type="checkbox"/>	– New Project
<input checked="" type="checkbox"/>	- Enhancement
<input type="checkbox"/>	- Maintenance/Continuation

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. Funds are requested in FY 2015 to upgrade or add this system to the enterprise tax system.

Characteristics and Attributes:	
Critical Drivers:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> • 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> • Introduction of integrated collection information
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> • 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:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> • Implementation provides greater management and reliability of tax collection efforts.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$260,000	\$0	\$0	\$0
Annual Operating Budget Impact	\$123,600	\$127,300	\$131,000	\$135,000	\$139,000	\$139,000

Changes from Prior Years and Other Information:

Funds provided in FY 2015 are to conduct a gap analysis and upgrade the system to the City’s enterprise tax system.

Finance Payment Kiosk

(015-014-3-10)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> • 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> • 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> • Reduction in overall cost per transaction.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> • Provides citizens with greater access to City services, including more options for cash transactions by constituents who do not have banking services.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$50,000	\$0	\$0	\$25,000	\$0
Annual Operating Budget Impact	(\$20,000)	(\$20,000)	(\$20,000)	(\$20,000)	(\$20,000)	(\$20,000)

Changes from Prior Years and Other Information:

Funds in FY 2017 are to install additional kiosk units in City government offices.

Virtual Parking Adjudication (015-014-3-11)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • Immediate budget savings through reduced overhead. • Will reduce the physical security threats posed by face-to-face adjudication hearings.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • Provides another adjudication option for citizens.
Performance Expectation:	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> • Decrease in cost per hearing • Improved convenience for citizens.
Alignment with Mission:	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> • Implementation would increase citizen access and responsiveness of staff.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$0	\$0	\$10,000
Annual Operating Budget Impact	\$(5,100)	(\$5,304)	(\$5,516)	(\$5,737)	(\$5,966)	(\$6,205)

Changes from Prior Years and Other Information:

A formal RFP process was initiated in FY 2011 and a contract awarded in FY 2012.

Reciprocity Contractor System

(015-014-3-13)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Improves the quality of data upon which tax billing is based
Performance Expectation:	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> 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:	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> Implementation provides greater management and reliability of tax collection efforts.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$30,000	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$7,600	\$7,828	\$8,063	\$8,305	\$8,554	\$8,810

Changes from Prior Years and Other Information:

The first phase has been installed and currently being tested prior to deployment. Integration with the Business Tax System is targeted to begin in FY 2013.

Customer Management System

(015-014-3-14)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> This project is funded in FY 2017 to allow staff time to research the best options available.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Facilitates the handling of walk-in customer transactions.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> Improved customer service to taxpayers. Improved customer satisfaction as a result of less time spent waiting in line for service.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> This project supports efficiency and community services.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$0	\$5,000	\$0
Annual Operating Budget Impact	\$1,500	\$1,560	\$1,622	\$1,687	\$1,755	\$1,825

Changes from Prior Years and Other Information:

There are no changes to this project from the prior fiscal year. Annual maintenance costs will be included in the Finance Department’s operating budget.

NEW – Handheld Data Collection Devices

(015-014-3-16)

Type of Request:
<input checked="" type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input type="checkbox"/> – Maintenance/Continuation

Project Description: What does this project do?

This project funds \$25,000 in FY 2013 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Increased appraiser production and efficiency at a time when parcels have increased but staff numbers have remained constant.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves efficiency and accuracy of doing annual assessments on properties.
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> An increase in efficiency of the annual assessment process.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$25,000	\$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.

Geographic Information Systems

Geographic Information Systems

	Prior Year Unallocated	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTALS
GIS Development	\$0	\$290,000	\$160,000	\$130,000	\$160,000	\$100,000	\$100,000	\$940,000
Total, Net City Cost	\$0	\$290,000	\$160,000	\$130,000	\$160,000	\$100,000	\$100,000	\$940,000

GIS Development

(015-014-4-1)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • Provides resources to improve responsiveness to City staff, decision makers and the public in virtually all aspects of City operations.

<p>Performance Expectation:</p>	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> • 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.
<p>Alignment with Mission:</p>	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> • 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$290,000	\$160,000	\$130,000	\$160,000	\$100,000	\$100,000
Annual Operating Budget Impact	\$152,000	\$158,288	\$164,620	\$171,204	\$178,052	\$185,175

Changes from Prior Years and Other Information:

Funds programmed in FY 2013 will be used to extend current GIS GARI development, assist with data and tasks for Cityworks, improve demographic capabilities, improve address and location data, and end user editing support. Funds in the remaining years will support the ongoing function of GIS in the City. Additional funds may be requested in those years as year one GIS Strategic Plan objectives are completed and new ones 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTALS
Public Safety Radio System Replacement	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
AJIS Enhancements	\$91,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$1,051,000
Police CAD/RMS	\$18,000	\$0	\$0	\$0	\$0	\$0	\$0	\$18,000
Fire Records Management Project	\$85,871	\$0	\$0	\$0	\$0	\$0	\$0	\$85,871
EMS Records Management System	\$21,500	\$0	\$0	\$0	\$0	\$0	\$0	\$21,500
Computer Aided Dispatch System Replacement	\$0	\$10,200,000	\$600,000	\$0	\$0	\$0	\$0	\$10,800,000
Fire Radios	\$0	\$420,000	\$400,000	\$400,000				\$1,220,000
NEW Remote Radio Technology	\$0	\$24,000	\$0	\$0	\$0	\$0	\$0	\$24,000
Total, Net City Cost	\$216,371	\$10,804,000	\$1,160,000	\$610,000	\$210,000	\$210,000	\$210,000	\$13,420,371

Public Safety Radio System Replacement

(015-014-5-1)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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 not economical to repair due to water damage, lost/stolen, or the cost of repair exceeds the cost of replacement due to physical damage.

Characteristics and Attributes:	
Critical Drivers:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Improves the operational readiness for users and ensures direct interoperability with other jurisdictions within the national capital region.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> Supports necessary management decisions on maintaining operational readiness and communications interoperability.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> Provides reliable access to information for public safety.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000
Annual Operating Budget Impact	\$560,000	\$582,400	\$605,696	\$629,924	\$655,121	\$681,326

Changes from Prior Years and Other Information:

There are no changes in this project from the prior fiscal year.

AJIS Enhancements

(015-014-5-2)

Type of Request:
<input type="checkbox"/> — New Project
<input type="checkbox"/> — Enhancement
<input checked="" type="checkbox"/> — 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 or 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • 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:	<p><i>How does this impact business?</i></p> <ul style="list-style-type: none"> • Ensures that AJIS will provide reliable and effective court and jail management functionality.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> • 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:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> • 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$160,000	\$ 165,000	\$175,000	\$175,000	\$185,000	\$185,000
Annual Operating Budget Impact	\$165,000	\$171,600	\$178,464	\$185,603	\$193,027	\$200,748

Changes from Prior Years and Other Information:

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.

Public Safety CAD/RMS Replacement

(015-014-5-3)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Project Description: *What does this project do?*

This project provides for maintenance of the City’s current mission-critical 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 (see page 62 for more information).

Funds in this project will be used to maintain the City’s current systems until the new systems become operational.

Characteristics and Attributes:	
Critical Drivers:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • Improve public and officer safety • Uninterrupted 24/7 functionality that includes redundancy and replication
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • Provides reliable equipment to operate in a 24/7 environment • AVL technology is used to deploy resources, dispatch officers, monitor officer activity and ensure officer and public safety.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> • Replacement of this equipment on a consistent timeline will keep key public safety systems performing optimally.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> • Keep critical public safety systems functional with current hardware and equipment.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$25,000	\$25,000	\$0	\$0	\$0	\$0

Changes from Prior Years and Other Information:

This project will be discontinued when the new CAD/RMS system is fully implemented. Funding for equipment replacement for all CAD-related items (work stations, servers, etc.) falls under the Department of Emergency Communications (DEC).

Fire Records Management Project

(015-014-5-4)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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:	<i>Why is this project needed now?</i> <ul style="list-style-type: none"> Critical, recurring need to ensure Public Safety and the software and hardware that supports Public Safety.
Business Functions Addressed:	<i>How does this impact the business?</i> <ul style="list-style-type: none"> Provision and maintenance of hardware and software critical in providing emergency incident response.
Performance Expectation:	<i>How can we measure the project’s success?</i> <ul style="list-style-type: none"> Computer equipment in constant use (24x7x365); there can be no down-time.
Alignment with Mission:	<i>How does this project fulfill the City’s mission?</i> <ul style="list-style-type: none"> Protection of lives and property of City residents, workers, and visitors.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$45,000	\$46,000	\$0	\$0	\$0	\$0

Changes from Prior Years and Other Information:

There are no changes in this project from the prior fiscal year.

EMS Records Management Project

(015-014-5-6)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Project Description: What does this project do?

The City uses a commercial, off-the-shelf 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, and left at, 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Recurring requirement to gather and maintain essential Federal and State data derived from emergency incidents. Critical step in recovering ambulance costs.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> 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:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> Effective operation of this system ensures quality reporting of data and compliant ambulance billing practices.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$0	\$250,000	\$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.

¹ Provides minimum of \$2.0M annually to the City Treasury resulting from partial recovery of ambulance billing transport costs

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Computer Aided Dispatch (CAD)

Records Management Systems (RMS), & Mobile Data Systems Replacement
(015-014-5-13)

Project Description: What does this project do?

The City has created a Department of Emergency Communications (DEC) that has assumed responsibility for all CAD services for the City. 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 is in the process of procuring these new systems. It is anticipated we will finalize the procurement and begin the project by late Spring 2012.

Characteristics and Attributes:	
Critical Drivers:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> 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.

<p>Business Functions Addressed:</p>	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • 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.
<p>Performance Expectation:</p>	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> • 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. •
<p>Alignment with Mission:</p>	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> • 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$10,200,000	\$600,000	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$0	\$0	\$1,200,000	\$1,248,000	\$1,297,920	\$1,349,837

Changes from Prior Years and Other Information:

Funds previously budgeted in FY 2014 for this project have been reduced pending the outcome of the procurement. This funding may change again once a vendor has been selected.

Fire Radios

(015-014-5-15)

Type of Request:
[] – New Project
[] - Enhancement
[X] - Maintenance/Continuation

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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> As a result of the pilot test, Fire would like to provide the ergonomic radios for all Firefighters.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Improved quality of communications and safety.
Performance Expectation:	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> Enables communications via radio technology.
Alignment with Mission:	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> The proposal provides resources that help protect the City and its citizens.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$420,000	\$400,000	\$400,000	\$0	\$0	\$0
Annual Operating Budget Impact	\$0	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000

Changes from Prior Years and Other Information:

Additional funding provided after a successful pilot program test in FY 2012. Funding is provided in FY 2013 to purchase 60 radios, and in FY 2014 and FY 2015 to purchase 55 radios in each fiscal year respectively.

NEW – Remote Radio Technology-Sheriff

(015-014-5-16)

Type of Request:
<input checked="" type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input type="checkbox"/> - Maintenance/Continuation

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 real time “push-to-talk” capability across Wi-Fi or wireless data networks anywhere in the world, protected by AES 256 encryption.

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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Provides an increased level of safety for prisoner transports.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves efficiency of communications and can reduce costs to the agency and expand communication options.
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Enables communications outside the coverage area where communications previously did not exist.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> The proposal provides resources that help protect the City and its citizens.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$24,000	\$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. A recommendation for additional funding for this project will be made after the completion of the pilot.

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 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTALS
Permit Processing	\$140,600	\$65,000	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$2,205,600
DCHS HIPAA Data Security Compliance	\$0	\$75,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$200,000
Enterprise Maintenance System	\$135,000	\$50,000	\$92,500	\$60,000	\$100,000	\$100,000	\$60,000	\$597,500
DHS Payment System Replacement	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
NEW Library Wireless Solution	\$0	\$20,000	\$2,500	\$0	\$0	\$20,000	\$0	\$42,500
NEW Recreation Database and Financial System	\$0	\$50,000	\$35,000	\$30,000	\$30,000	\$100,000	\$50,000	\$295,000
Total, Net City Cost	\$275,600	\$260,000	\$1,280,000	\$1,115,000	\$155,000	\$245,000	\$135,000	\$3,465,600

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Permit Processing

(015-014-7-1)

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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • Increased access to information by customers. • Increased communications via electronic means for status, comments, scheduling and results.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> • A reduction in staff time required to complete permit management tasks.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> • 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$65,000	\$1,000,000	\$1,000,000	\$0	\$0	\$0
Annual Operating Budget Impact	\$32,000	\$33,000	\$34,500	\$75,000	\$75,000	\$75,000

Changes from Prior Years and Other Information:

This project is ongoing, and will continue developing the City’s various building-related permit systems indefinitely. The project would empanel a committee to review the need to upgrade and replace the Permit Plan system. Funds in FY 2013 of \$65,000 will be used for consulting services to prepare a requirements analysis and a request for

proposal document. Based on the results of the replacement study, the recommended funding for FY 2014 and FY 2015 anticipates the need for the replacement of the City’s existing permitting system, which has been in use for 20 years.

DCHS HIPAA Data Security Compliance

(015-014-7-4)

Type of Request:
<input type="checkbox"/> – New Project
<input checked="" type="checkbox"/> - Enhancement
<input type="checkbox"/> - 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> To maintain compliance with regulations and mandates regarding health record confidentiality.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Ensures continued access to and integrity of client data.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> Continued availability of client information by appropriate staff Improved security and information assurance.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> Ensures processes associated with health IT are monitored and improved to maintain industry certification(s) for confidentiality, integrity, and availability of health information.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Annual Operating Budget Impact	\$5,408	\$5,624	\$5,849	\$5,083	\$6,327	\$6,580

Changes from Prior Years and Other Information:

There are no changes in this project from the prior fiscal year.

Enterprise Maintenance Management System

(015-014-7-5)

Type of Request:
<input type="checkbox"/> - New Project
<input checked="" type="checkbox"/> - Enhancement
<input type="checkbox"/> - 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 the General Services Department, to manage the work tasks associated with maintaining the City’s buildings.

Characteristics and Attributes:	
Critical Drivers:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Cityworks is the City’s enterprise tool for managing work order requests.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Department work performance goals attained. Improved maintenance cost planning. Improved internal work coordination. Better response to customer expectations.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> Provides better cost planning tools. Provides improvements to customer service.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$90,000	\$75,000	\$60,000	\$60,000	\$60,000	\$60,000
Annual Operating Budget Impact	\$61,000	\$61,000	\$61,000	\$61,000	\$61,000	\$61,000

Changes from Prior Years and Other Information:

The Transportation and Environmental Services Infrastructure Maintenance Management System project was combined with the Enterprise Maintenance Management project, as both projects fund Cityworks initiatives..

DCHS Payment System Replacement

(015-014-7-6)

Type of Request:
<input type="checkbox"/> - New Project
<input checked="" type="checkbox"/> - Enhancement
<input type="checkbox"/> - 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Savings in administrative support for both data entry tasks such as invoicing, edits, provider / institution demographics and more effective vendor assessments.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> This project automates a manual process, improving efficiency and accuracy of data.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$0	\$125,000	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$33,746	\$35,096	\$36,500	\$37,960	\$39,478	\$41,057

Changes from Prior Years and Other Information:

Funds requested for the additional module are included in FY 14.

NEW - Library Wireless Solution

(015-014-7-12)

Type of Request:
<input checked="" type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input type="checkbox"/> - Maintenance/Continuation

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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Improved technology feature for a service used by the public.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves efficiency and customer service.
Performance Expectation:	<p>How can we measure the project's success?</p> <ul style="list-style-type: none"> Improved quality and patron satisfaction.
Alignment with Mission:	<p>How does this project fulfill the City's mission?</p> <ul style="list-style-type: none"> This IT investment will provide the library staff a more effective management tool.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$20,000	\$2,500	\$0	\$0	\$20,000	\$0
Annual Operating Budget Impact	\$0	\$3,300	\$3,400	\$3,500	\$3,600	\$0

Changes from Prior Years and Other Information:

This is a new project this year.

NEW – Recreation Database and Financial System

(015-014-7-15)

Type of Request:	
<input checked="" type="checkbox"/>	New Project
<input type="checkbox"/>	Enhancement
<input type="checkbox"/>	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.

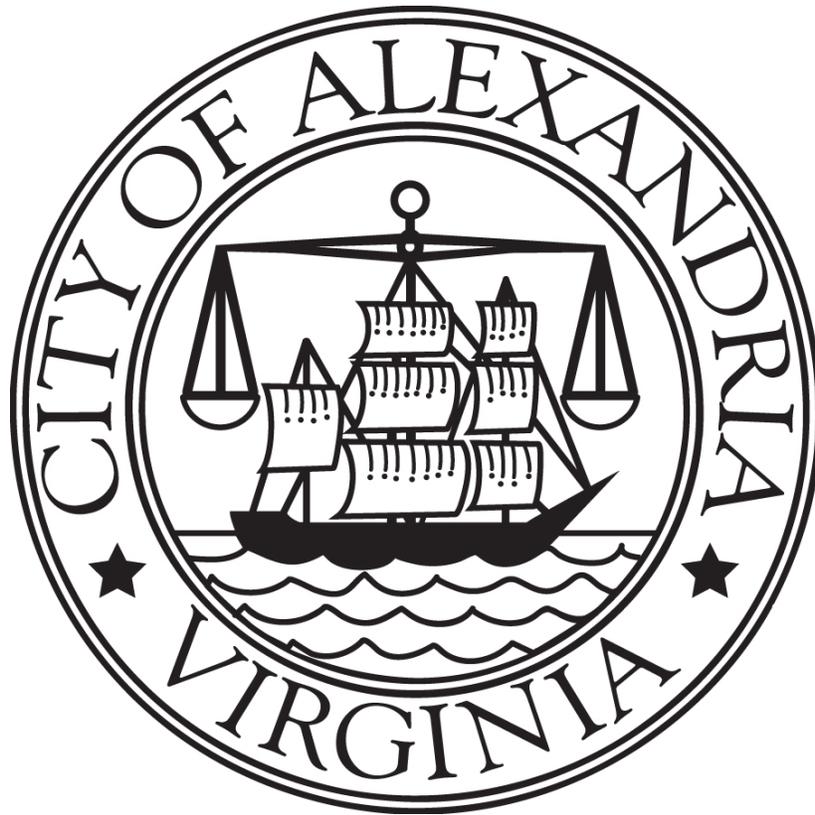
Characteristics and Attributes:	
Critical Drivers:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Improved technology feature has good return on investment.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves efficiency, customer service, and workforce productivity.
Performance Expectation:	<p>How can we measure the project's success?</p> <ul style="list-style-type: none"> Improved quality and patron satisfaction.
Alignment with Mission:	<p>How does this project fulfill the City's mission?</p> <ul style="list-style-type: none"> This IT investment will provide the Recreation staff a more effective management tool.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$50,000	\$35,000	\$30,000	\$30,000	\$100,000	\$50,000
Annual Operating Budget Impact	\$9,500	\$9,880	\$10,275	\$10,686	\$11,114	\$11,558

Changes from Prior Years and Other Information:

This is a new project this year to make updates to a legacy system. Funds are included in FY 2017 for a potential system replacement.



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 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTALS
LAN/WAN Infrastructure	\$625,000	\$300,000	\$275,000	\$270,000	\$280,000	\$275,000	\$450,000	\$2,475,000
LAN Development	\$50,000	\$15,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$190,000
Enterprise Data Storage Infrastructure	\$0	\$95,000	\$90,000	\$90,000	\$130,000	\$130,000	\$300,000	\$835,000
Upgrade Work Station Operating Systems	\$250,000	\$450,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,700,000
Network Server Infrastructure	\$0	\$175,000	\$175,000	\$170,000	\$180,000	\$175,000	\$175,000	\$1,050,000
IT Equipment Replacement	\$0	\$600,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,600,000
Voice Over IP	\$130,000	\$75,000	\$75,000	\$75,000	\$75,000	\$100,000	\$75,000	\$605,000
Security	\$50,000	\$100,000	\$100,000	\$100,000	\$200,000	\$155,000	\$100,000	\$805,000
Database Infrastructure	\$73,000	\$60,000	\$60,000	\$40,000	\$40,000	\$40,000	\$40,000	\$353,000
IT Enterprise Management System	\$0	\$200,000	\$200,000	\$200,000	\$0	\$0	\$200,000	\$800,000
Connectivity Initiatives	\$985,000	\$1,054,000	\$1,054,000	\$1,054,000	\$1,054,000	\$1,054,000	\$1,054,000	\$7,309,000
NEW Library LAN/WAN Infrastructure	\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
NEW Library Replacement Equipment	\$0	\$34,000	\$0	\$0	\$0	\$0	\$0	\$34,000
NEW Fort Ward I-Net Connectivity	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
Total, Net City Cost	\$2,163,000	\$3,258,000	\$2,454,000	\$2,424,000	\$2,384,000	\$2,354,000	\$2,819,000	\$17,856,000

LAN/WAN Infrastructure

(015-015-1-1)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

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 is limited to 1 gigabyte speed. 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Hardware interoperability with VOIP and Disaster Recovery architecture will require additional bandwidth.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves network performance. New designs will provide alternate pathways and reduce network outages.
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Network performance measurements sustain or exceed current levels of service.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$300,000	\$275,000	\$270,000	\$280,000	\$275,000	\$450,000
Annual Operating Budget Impact	\$61,000	\$63,440	\$65,978	\$68,617	\$71,361	\$74,216

Changes from Prior Years and Other Information:

This project is ongoing, as we will continue upgrading the network infrastructure indefinitely.

LAN Development

(015-015-1-2)

Type of Request:

- New Project
- Enhancement
- 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 space where the LAN infrastructure resides to ensure that it is 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 INET 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • Reliability and speed of network connections across the City at the desktop level is dependent on the quality of the LAN infrastructure.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> • Network performance measurements sustain or exceed current levels of service. • ITS Customer Satisfaction Surveys.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> • Providing reliable access to network enabled services, ensuring the delivery of government services in the more efficient manner.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$15,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Annual Operating Budget Impact	\$5,000	\$5,200	\$5,408	\$5,624	\$5,849	\$6,083

Changes from Prior Years and Other Information:

This is an ongoing project. Upgrades to the network infrastructure will be required indefinitely.

Enterprise Data Storage Infrastructure

(015-015-1-3)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Project Description: What does this project do?

This project maintains and upgrades the back-end storage needed for the virtual infrastructure and the enterprise backups. This project includes Storage Area Network hardware and Virtual Tape Library hardware.

Characteristics and Attributes:	
Critical Drivers:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> Data storage continues to grow requiring additional hardware for production and backups.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Supports the server virtualization initiative. Reduces the number of servers and tapes needed resulting in greater ROI. Provides server failover and redundancy.
Performance Expectation:	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> Provides faster backups and restores.
Alignment with Mission:	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$95,000	\$90,000	\$90,000	\$130,000	\$130,000	\$300,000
Annual Operating Budget Impact	\$137,000	\$149,000	\$162,000	\$175,000	\$188,000	\$188,000

Changes from Prior Years and Other Information:

This project is to fund the purchase of additional storage for the Storage Area Network (SAN) and additional storage for the enterprise backups.

Upgrade Workstation Operating System

(015-015-1-4)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • Ensures the desktop environment is prepared to support the City's workforce and meet the demands of new technology.
Performance Expectation:	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> • ITS Customer Satisfaction Surveys.
Alignment with Mission:	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> • 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$450,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Annual Operating Budget Impact	\$93,600	\$97,344	\$101,238	\$105,287	\$109,499	\$113,879

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.

Network Server Infrastructure (015-015-1-5)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - 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 services in a safe and reliable manner. This project provides funds for the purchase of additional blades and memory to add to our systems annually and any additional servers that require special hardware requirements. These funded requirements include virtualization licenses, network operating system licenses, client access licenses, fiber channel cards, and network printers that are out of warranty

Characteristics and Attributes:	
Critical Drivers:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> 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:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Improved assessment of customer satisfaction with services. ROI for data management and storage.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> Lower TCO and improved business continuity capability ensures the delivery of government services in the more efficient manner.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$175,000	\$175,000	\$170,000	\$180,000	\$175,000	\$175,000
Annual Operating Budget Impact	\$84,000	\$88,000	\$92,000	\$96,000	\$100,000	\$100,000

Changes from Prior Years and Other Information:

There are no changes to this project from the prior fiscal year.

NEW IT Equipment Replacement

(015-015-1-6)

Type of Request:
<input checked="" type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input type="checkbox"/> - 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Ensures the desktop environment is prepared to support the City's workforce and meet the demands of new technology.
Performance Expectation:	<p><i>How can we measure the project's success?</i></p> <ul style="list-style-type: none"> ITS Customer Satisfaction Surveys.
Alignment with Mission:	<p><i>How does this project fulfill the City's mission?</i></p> <ul style="list-style-type: none"> 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.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$600,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Annual Operating Budget Impact	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255	\$11,592

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.

Voice Over IP Telephony
(015-015-2-2)

Type of Request:
<input type="checkbox"/> – New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

Project Description: What does this project do?

This project provides funds for the continuation of the citywide telephony project, Voice Over Internet Protocol (VOIP). The project funds are used for the City’s telephone and telecommunications infrastructure, including telephone switches and handsets. The City began successfully implementing VOIP in 2008, and the Citywide telephony upgrade was completed in FY 2012 when approximately 450 VOIP phones were deployed at the new Police Facility. Since the VoIP core upgrade is complete, refinement of departmental VoIP configurations including call centers, advanced call flows, and implementation of enhanced features will be considered to increase productivity and create efficiencies across the enterprise. Funding will be used for programming services, new VoIP hardware including VoIP conference phones and software licenses for increased functionality.

Characteristics and Attributes:	
Critical Drivers:	<i>Why is this project needed now?</i> <ul style="list-style-type: none"> This project provides funds to leverage the City’s investment in VOIP.
Business Functions Addressed:	<i>How does this impact the business?</i> <ul style="list-style-type: none"> New features of the VOIP system improve customer service.
Performance Expectation:	<i>How can we measure the project’s success?</i> <ul style="list-style-type: none"> Improves customer satisfaction with telephone system.
Alignment with Mission:	<i>How does this project fulfill the City’s mission?</i> <ul style="list-style-type: none"> Providing a modern, reliable telephone system supports the delivery of government services in a more efficient manner. Improved customer service.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$75,000	\$75,000	\$75,000	\$75,000	\$100,000	\$75,000
Annual Operating Budget Impact	\$185,000	\$192,400	\$200,096	\$208,100	\$216,424	\$225,081

Changes from Prior Years and Other Information:

Monies budgeted for FY 2013 and out years will be used to work with departments to identify operational efficiencies that may be achieved by making Voice over IP programming configuration changes. There will also be an effort to identify product features that may be easily integrated with Microsoft products.

Network Security

(015-015-2-3)

Type of Request:
<input type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input checked="" type="checkbox"/> - Maintenance/Continuation

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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> 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:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Assures the security and viability of City IT infrastructures, applications and data stores.
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Minimization of disruption to City processes due to compromised data or clients.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> Providing a reliable and secure information environment supports City operations and ensures the delivery of government services in the more efficient manner.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$100,000	\$100,000	\$100,000	\$200,000	\$155,000	\$100,000
Annual Operating Budget Impact	\$10,000	\$10,000	\$12,500	\$12,500	\$12,500	\$12,500

Changes from Prior Years and Other Information:

Funds will be used to do an Enterprise Audit of the IT Security environment, Implementation of Network Access Control across the enterprise and Active Directory for single sign-on effort with Microsoft Office 365. Monies budgeted beyond this point will provide a reliable and secure information environment that supports the City's operations and ensures the delivery of government services in a more efficient manner.

Database Infrastructure

(015-015-2-5)

Type of Request:

- New Project
- Enhancement
- Maintenance/Continuation

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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> • 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:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> • Nearly all of the City’s major software data is stored in databases served by this project.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> • Maintain all City databases and software at supportable and functional levels (Customarily not more than 2 full version levels behind current)
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> • Updated software enhances the support that City agencies provide, ensuring the delivery of government services in the most efficient manner.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$60,000	\$60,000	\$40,000	\$40,000	\$40,000	\$40,000
Annual Operating Budget Impact	\$11,300	\$11,700	\$12,000	\$12,300	\$12,700	\$12,700

Changes from Prior Years and Other Information:

Funding for this project has been extended through FY 2018. Additional funds requested in FY 2013 and FY 2014 will be used for the City’s SharePoint collaboration software.

IT Enterprise Management System

(015-015-3-4)

Type of Request:	
<input type="checkbox"/>	- New Project
<input type="checkbox"/>	- Enhancement
<input checked="" type="checkbox"/>	- 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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> Funds are needed to maximize the value of Microsoft’s System Center to the City.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> 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:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> Streamlining of IT support will create operating efficiencies for all City staff by improving workstation performance. ITS Customer Satisfaction Survey feedback.
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> Deliver City services in the most cost effective manner.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$200,000	\$200,000	\$200,000	\$0	\$0	\$200,000
Annual Operating Budget Impact	\$31,200	\$32,448	\$33,746	\$35,096	\$36,500	\$37,960

Changes from Prior Years and Other Information:

Additional funds are requested in FY 2013 to upgrade to the next release and leverage the tools to deploy Windows 7 across the enterprise.

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:	<p><i>Why is this project needed now?</i></p> <ul style="list-style-type: none"> This project will allow provide contingency funds for the City to address internal broadband connectivity.
Business Functions Addressed:	<p><i>How does this impact the business?</i></p> <ul style="list-style-type: none"> Ensures that essential connectivity is supported and maintained.
Performance Expectation:	<p><i>How can we measure the project’s success?</i></p> <ul style="list-style-type: none"> City business functions are not interrupted due to disruptions in connectivity
Alignment with Mission:	<p><i>How does this project fulfill the City’s mission?</i></p> <ul style="list-style-type: none"> Always looking to the future and for ways to get better

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
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	\$90,000	\$93,600	\$97,344	\$101,237	\$105,287	\$109,498

Changes from Prior Years and Other Information:

The yearly amount increased slightly due to the finalized contract negotiations for the commercially provided leased fiber arrangement.

NEW – Library LAN/WAN Infrastructure

(015-015-4-1)

Type of Request:
[X] – New Project
[] - Enhancement
[] - 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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Improved technology feature has good return on investment.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves efficiency and customer service.
Performance Expectation:	<p>How can we measure the project's success?</p> <ul style="list-style-type: none"> Improved quality and patron satisfaction.
Alignment with Mission:	<p>How does this project fulfill the City's mission?</p> <ul style="list-style-type: none"> This IT investment will provide improved LAN infrastructure which will help to create efficiencies throughout the organization

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$60,000	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$0	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500

Changes from Prior Years and Other Information:

This is a new project this year.

NEW – Library Replacement Equipment

(015-015-4-2)

Type of Request:
<input checked="" type="checkbox"/> - New Project
<input type="checkbox"/> - Enhancement
<input type="checkbox"/> - Maintenance/Continuation

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:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Improved technology feature has good return on investment.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves efficiency and customer service.
Performance Expectation:	<p>How can we measure the project's success?</p> <ul style="list-style-type: none"> Improved quality and patron satisfaction.
Alignment with Mission:	<p>How does this project fulfill the City's mission?</p> <ul style="list-style-type: none"> This IT investment will provide help to create efficiencies throughout the organization.

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$34,000	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500

Changes from Prior Years and Other Information:

This is a new project this year.

NEW – Fort Ward I-Net Connectivity

(015-015-5-1)

Type of Request:	
<input checked="" type="checkbox"/>	New Project
<input type="checkbox"/>	Enhancement
<input type="checkbox"/>	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.

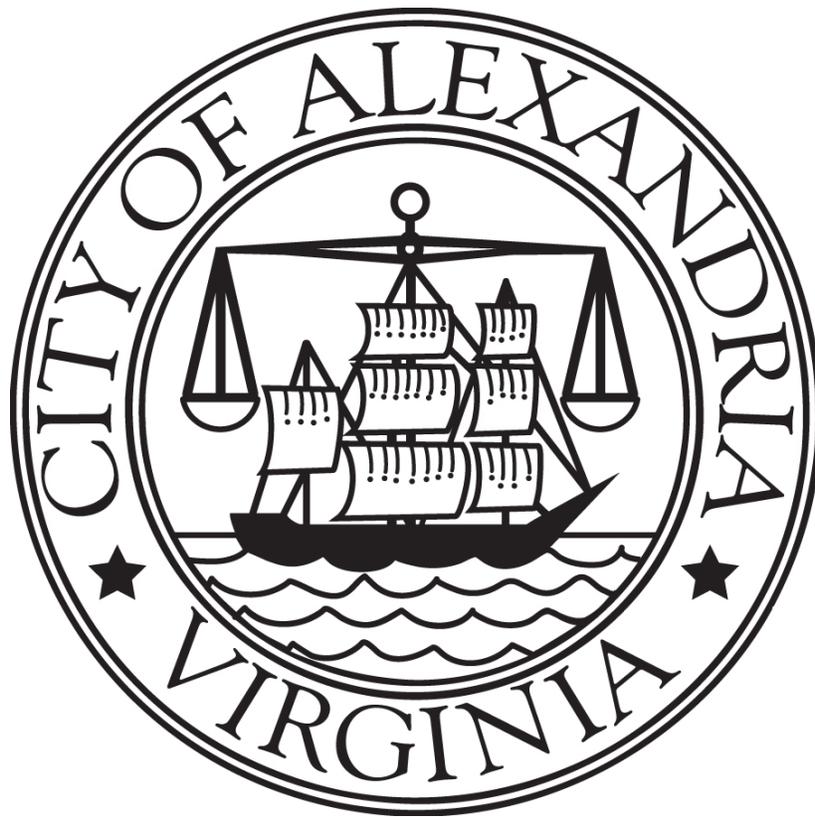
Characteristics and Attributes:	
Critical Drivers:	<p>Why is this project needed now?</p> <ul style="list-style-type: none"> Improved technology will be realized as a result of being able to use network based technologies.
Business Functions Addressed:	<p>How does this impact the business?</p> <ul style="list-style-type: none"> Improves efficiency, customer service, and workforce productivity.
Performance Expectation:	<p>How can we measure the project’s success?</p> <ul style="list-style-type: none"> Improved staff productivity.
Alignment with Mission:	<p>How does this project fulfill the City’s mission?</p> <ul style="list-style-type: none"> This IT investment will provide the Fort Ward staff the ability to work more effectively

Project Timeline and Capital and Operating Budget Funding Required:

Fiscal Year	2013	2014	2015	2016	2017	2018
Capital Funding Request	\$40,000	\$0	\$0	\$0	\$0	\$0
Annual Operating Budget Impact	\$0	\$5,000	\$5,200	\$5,408	\$5,624	\$5,849

Changes from Prior Years and Other Information:

This is a new project 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

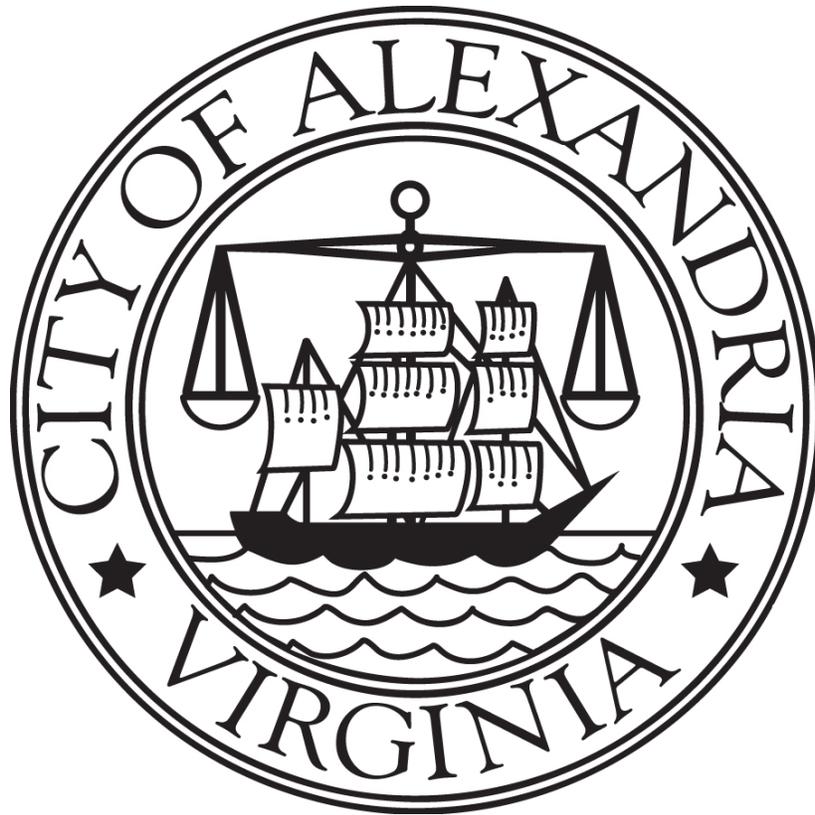
The Permitting Committee's (PC) focus is on improving existing business processes through maximizing the functionality provided by the City's permitting application; developing standards for business processes; continuing to document and discuss system problems; and communicating and planning for new releases. The Permitting Committee is presently chaired by the Director of Code Enforcement.

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.



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 Meeting Mandates	Other
Electronic Government	✓	✓	✓	✓			
Customer Relationship Management System		✓	✓	✓		✓	
DCHS Medical Records Management		✓	✓	✓		✓	
Document Management and Imaging	✓	✓	✓	✓	✓		
Real Estate Assessment System	✓	✓	✓	✓		✓	
ERP System	✓	✓	✓	✓		✓	
Financial Accounting and Asset Mgmt		✓				✓	
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	✓	✓	✓	✓		✓	
Police CAD/RMS Project		✓				✓	
Fire Records Management Project		✓				✓	
EMS Records Management System		✓				✓	
Computer Aided Dispatch System	✓	✓	✓	✓	✓	✓	
Fire Radios	✓	✓	✓	✓			✓
Wave Technology Project	✓	✓	✓	✓			✓
Permit Processing	✓	✓	✓	✓		✓	
MHMRSA HIPAA Data Security Compliance	✓	✓	✓	✓		✓	
Enterprise Maintenance Management	✓	✓	✓	✓			
DHS Payment System Replacement	✓	✓	✓	✓			
Library Wireless Solution	✓	✓	✓	✓			✓
RecTrac Database & Financial System	✓		✓	✓			✓
LAN/WAN Infrastructure		✓			✓	✓	
Individual Building LAN Development		✓			✓	✓	
Enterprise Data Storage Infrastructure	✓	✓	✓	✓	✓	✓	
Upgrade Work Station Operating Systems		✓	✓	✓		✓	

Shaded boxes with checkmarks indicate the project is expected to realize the business benefit shown at the top.

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
Network Server Infrastructure		✓	✓	✓			✓	
IT Equipment Replacement	✓	✓	✓	✓		✓	✓	
Voice Over IP	✓	✓		✓			✓	
Security		✓		✓			✓	
Database Infrastructure	✓	✓	✓	✓			✓	
IT Enterprise Management System	✓	✓	✓	✓			✓	
Connectivity Initiatives		✓					✓	
Library LAN/WAN Infrastructure	✓	✓	✓					✓
Library Replacement Equipment	✓	✓	✓			✓		✓
Fort Ward I-Net Connectivity	✓	✓	✓					✓

Shaded boxes with checkmarks indicate the project is expected to realize the business benefit shown at the top

LEGISLATIVE REFERENCES

Legislative References

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Legislative References

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 policies 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 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 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

Legislative References

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.

Legislative References

In accordance with the Government Finance Officers Association (GFOA) budget review requirements, this table, taken from the City's FY 2011 Comprehensive Annual Financial Report, is repeated here:

City of Alexandria, Virginia
Computation of Legal Debt Margin
as of June 30, 2011

Assessed Value of Real property, January 1, 2011.....	<u>\$32,631,952,000</u>
Debt Limit: 10 Percent of Assessed Value.....	<u>\$3,263,195,200</u>
Amount of Debt Applicable to Debt Limit:	
General Obligation Bonds	<u>\$415,720,000</u>
Total General Obligation Debt.....	<u>(\$415,720,000)</u>
LEGAL DEBT MARGIN.....	<u>\$2,847,475,200</u>

Source: *City of Alexandria Comprehensive Annual Financial Report, Fiscal Year Ended June 30, 2011, 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 2013 - FY 2022 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.

Legislative References

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APPENDICES

Appendices

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Appendices

Appendix A

Prior Year Projects Deleted in the FY 2013 - FY 2022 Capital Improvement Program

Several projects that were listed in the previous Capital Improvement Program no longer appear in the FY 2013 – FY 2022 CIP. In some cases this is due to the completion of a project and in others a project may no longer be part of the City's plan for future capital investment. This CIP also contains instances where two or more related projects have been rolled together into a single, all-inclusive project. These projects are as follows:

Community Development

- Redevelopment of Arlandria (all funding allocated; other stand-alone projects in Arlandria area are being completed)

Public Buildings

- New Alexandria Police Department (APD) Facility (completed)
- Emergency Operations Center (EOC) (combined with the EOC/Public Safety Center Reuse Project)
- Relocate Sheriff's Administration Office (combined with EOC/Public Safety Center Reuse Project)

Sanitary Sewers

- Reclaimed Water System via WTE Plant (completed; allocated and unallocated balance reprogrammed to FY 2013)

Information Technology Plan (Additional details can be found on page 14-39)

- Payroll/Human Resources System (renamed Enterprise Resource Planning System)
- Library Self-Checkout Stations (project completed)
- Library Debt Collection Software (project completed)
- Municipal Fiber Network Feasibility (assessment fully funded, additional funding requested but not included in the ten-year plan)
- T&ES Infrastructure Management and Maintenance (combined with Enterprise Maintenance Management Project)

Appendices

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