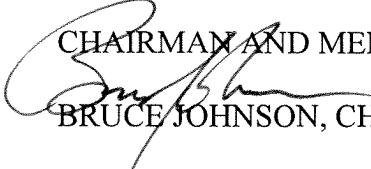


*City of Alexandria, Virginia*

MEMORANDUM

DATE: MARCH 19, 2009  
TO: CHAIRMAN AND MEMBERS OF THE PLANNING COMMISSION  
FROM:  BRUCE JOHNSON, CHIEF FINANCIAL OFFICER  
SUBJECT: TRANSMITTAL OF THE PROPOSED FY 2010 - FY 2015 CAPITAL IMPROVEMENT PROGRAM FOR REVIEW BY THE PLANNING COMMISSION

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Attached you will find the Proposed FY 2010 - FY 2015 Capital Improvement Program (CIP) for review by the Planning Commission. The Planning Commission is requested to review the proposed capital improvement projects with regard to the consistency of these proposed projects with the City's master plan. This is pursuant to Section 6.14 of the City Charter, which states "the City Manager shall obtain and transmit to the Council the advisory recommendations of the Planning Commission with regard to the consistency of proposed capital improvement projects with the master plan and the priority and timing of those projects in comparison to the elements in the master plan."

The results of the Commission's review are requested prior to the add/delete work session of City Council, which is scheduled for April 20, 2009. Please feel free to contact either Ryan Touhill, Budget/Management Analyst, or I at (703) 838-4780 if you have any questions regarding the proposed projects included in the CIP.

For your information, City Council set the following dates for consideration of the FY 2010 budget, including the FY 2010 - 2015 CIP:

Wednesday, February 11, 2009 6:30 p.m.	Work Session on Revenues
Wednesday, February 18, 2009 6:30 p.m.	Work Session on Employee Compensation
Monday, February 23, 2009 6:30 p.m.	Work Session on Capital Improvement Program
Tuesday, March 3, 2009 6:30 p.m.	Work Session on Transportation & Environmental Services and Transit Subsidies
Thursday, March 5, 2009	Work Session on Social Safety Net

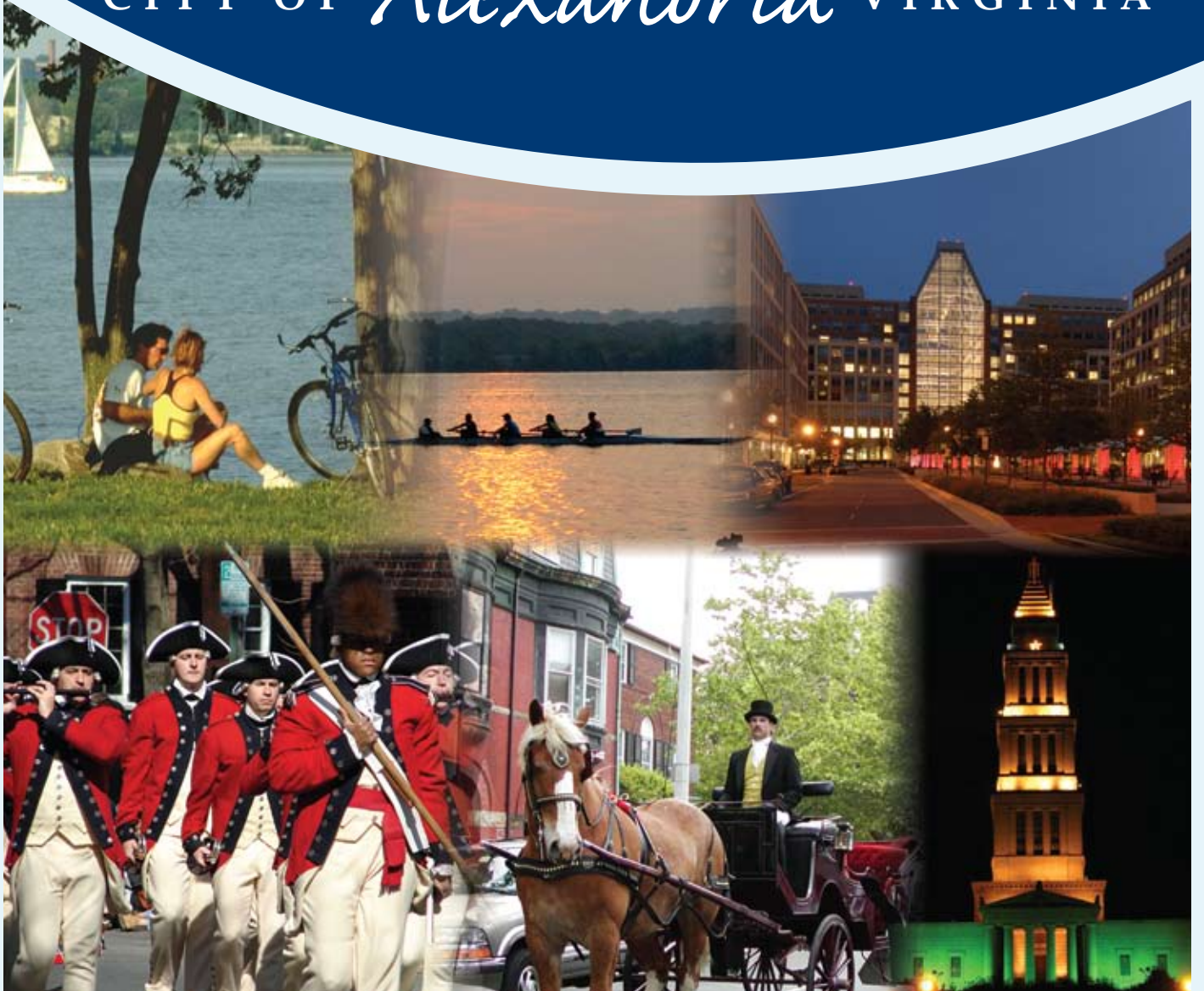
6:30 p.m.	Programs and Activities
Wednesday, March 11, 2009 6:30 p.m.	Budget Public Hearing
Monday, March 16, 2009 7:00 p.m.	Work Session on Library, Historic Alexandria, and RPCA; and Follow-up CIP Items
Monday, March 23, 2009 7:30 p.m.	Joint Work Session with School Board
Thursday, March 24, 2009 5:30 p.m.	Work Session on Fire Department Programs and Activities
Tuesday, March 31, 2009 6:30 p.m.	Work Session on General Government and Administrative Programs and Activities
Monday, April 6, 2009 6:30 p.m.	Work Session on BFACC report and Public Safety, Administration of Justice, Other Economic Sustainability Programs and Activities
Monday, April 13, 2009 6:30 p.m.	Budget Public Hearing
Tuesday, April 14, 2009 5:30 p.m.	Work Session on ACVA and AEDP
Saturday, April 18, 2009 9:30 a.m.	Effective Tax Rates Public Hearing
Monday, April 20, 2009 6:30 p.m.	Work Session on Preliminary Adds/Deletes
Monday, April 27, 2009 6:00 p.m.	Work Session on Final Adds/Deletes
Monday, April 27, 2009 7:00 p.m.	Special Legislative Meeting for Adoption of Operating Budget and Capital Improvement Program

Thank you in advance for your assistance in the review of the Proposed FY 2009-2014 Capital Improvement Program.

Enclosure

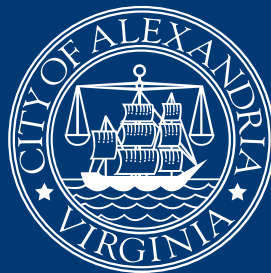
cc: James Hartmann, City Manager  
Mark Jinks, Deputy City Manager  
Rich Josephson, Acting Director, Planning and Zoning  
Richard Baier, Director, Transportation and Environmental Services  
Edward Mandley, Director, General Services  
Kirk Kincannon, Director, Recreation, Parks and Cultural Activities  
Elisabeth Wheel, Budget/Management Analyst, Office of Management and Budget  
Michael Stewart, Budget/Management Analyst, Office of Management and Budget

CITY OF *Alexandria* VIRGINIA



M A N A G I N G F O R R E S U L T S

PROPOSED CAPITAL IMPROVEMENT PROGRAM



FY 2010

*July 1, 2009 ~ June 30, 2010*



# Table of Contents

<p><b>I. Table of Contents</b>..... 1-1</p> <p><b>II. Overview</b></p> <p style="padding-left: 20px;">The CIP Process ..... 2-5</p> <p style="padding-left: 20px;">Capital Budget Highlights ..... 2-10</p> <p style="padding-left: 20px;">Six-Year Program Highlights ..... 2-13</p> <p style="padding-left: 20px;">Projects Not Funded..... 2-18</p> <p style="padding-left: 20px;">Capital Funding Summary ..... 2-20</p> <p style="padding-left: 20px;">Best Management Practices..... 2-26</p> <p><b>III. Strategic Plan</b></p> <p style="padding-left: 20px;">City Council Strategic Plan ..... 3-1</p> <p><b>IV. Summary Expenditure Tables</b></p> <p style="padding-left: 20px;">Summary Tables ..... 4-1</p> <p><b>V. Summary Funding Tables</b></p> <p style="padding-left: 20px;">Sources and Uses ..... 5-3</p> <p style="padding-left: 20px;">Debt Service Indicators..... 5-6</p> <p style="padding-left: 20px;">Bond Repayment Schedules ..... 5-9</p> <p><b>VI. Capital Project Detail Sheet</b></p> <p style="padding-left: 20px;">Format Description ..... 6-1</p> <p style="padding-left: 40px;"><b>A. <u>ACPS</u></b> ..... 6-3</p> <p style="padding-left: 40px;"><b>B. <u>Community Development</u></b></p> <p style="padding-left: 60px;">City-wide Amenities ..... 6-10</p> <p style="padding-left: 60px;">Neighborhood Planning ..... 6-11</p> <p style="padding-left: 60px;">Stream &amp; Channel Maintenance ..... 6-16</p> <p style="padding-left: 60px;">Woodrow Wilson Bridge Project ..... 6-21</p> <p style="padding-left: 40px;"><b>C. <u>Recreation and Parks</u></b></p> <p style="padding-left: 60px;">Renovated or Expanded Facilities..... 6-26</p> <p style="padding-left: 60px;">Recreation Facilities Improvements..... 6-28</p> <p style="padding-left: 60px;">Park Improvements..... 6-33</p> <p style="padding-left: 60px;">Open Space Acquisition &amp; Development ..... 6-46</p>	<p><b>D. <u>Public Buildings</u></b></p> <p style="padding-left: 20px;">Libraries ..... 6-50</p> <p style="padding-left: 20px;">Preservation of Historic Facilities..... 6-51</p> <p style="padding-left: 20px;">Public Safety Facilities ..... 6-52</p> <p style="padding-left: 20px;">Public Health &amp; Welfare Facilities ..... 6-64</p> <p style="padding-left: 20px;">Renovation and Reconstruction of Existing City Facilities . ..... 6-66</p> <p><b>E. <u>Public Transportation &amp; Traffic Control</u></b></p> <p style="padding-left: 20px;">Public Transportation ..... 6-76</p> <p style="padding-left: 20px;">Traffic Signal Maintenance &amp; Traffic Control Computer ..... 6-84</p> <p><b>F. <u>Streets, Bridges, and Pedestrian Improvements</u></b></p> <p style="padding-left: 20px;">Bridge Repairs &amp; Maintenance..... 6-90</p> <p style="padding-left: 20px;">Pedestrian Improvements ..... 6-93</p> <p style="padding-left: 20px;">Street Improvements ..... 6-97</p> <p><b>G. <u>Sewers</u></b></p> <p style="padding-left: 20px;">Sanitary Sewers ..... 6-110</p> <p style="padding-left: 20px;">Storm Sewers ..... 6-119</p> <p><b>H. <u>Other Regional Contributions</u></b></p> <p style="padding-left: 20px;">Northern Virginia Community College..... 6-128</p> <p style="padding-left: 20px;">Northern Virginia Regional Park Authority ..... 6-129</p> <p style="padding-left: 20px;">Northern Virginia Juvenile Detention Home..... 6-130</p> <p style="padding-left: 20px;">Peumansend Regional Jail ..... 6-131</p> <p><b>VII. <u>Information Technology Plan</u></b></p> <p style="padding-left: 20px;">Changes to the IT Plan from the Prior Year ..... 7-3</p> <p style="padding-left: 20px;">Existing Projects Highlights ..... 7-4</p> <p style="padding-left: 20px;">Projects Which Have Been Closed..... 7-4</p> <p style="padding-left: 20px;">Unfunded IT Plan Projects ..... 7-5</p> <p style="padding-left: 20px;">Summary Totals ..... 7-9</p> <p style="padding-left: 20px;">Operating Budget Impacts..... 7-13</p> <p style="padding-left: 20px;">Systems Development Projects..... 7-17</p> <p style="padding-left: 20px;">IT Infrastructure Projects ..... 7-42</p> <p><b>VIII. <u>Legislative References</u></b></p> <p style="padding-left: 20px;">Legislative References ..... 8-1</p> <p><b>IX. <u>Appendices</u></b></p> <p style="padding-left: 20px;">Eliminated CIP Projects..... 9-1</p>
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FY 2010 – FY 2015  
Capital Improvement Program  
Overview

## **FY 2010 – FY 2015 Capital Improvement Program Overview**

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## FY 2010 – FY 2015 Capital Improvement Program Overview

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

### *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*

The CIP addresses two broad areas of expenditure:

- Protection of the City's investment in existing physical assets; and
- Planning and construction of major new facilities and new or replacement IT 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 six-year period.

The adoption of the six-year CIP is neither a firm commitment to a particular project nor a limitation to a particular cost. As a basic tool for scheduling anticipated capital projects and capital financing, the CIP is a key element in planning and managing future debt service requirements. The first year of the CIP (FY 2010) does represent 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. It does not include day-to-day maintenance expenditures such as custodial or janitorial services, painting, minor (less than \$10,000) carpentry, electrical and plumbing repairs, or repair or routine replacement of fixtures or furniture.

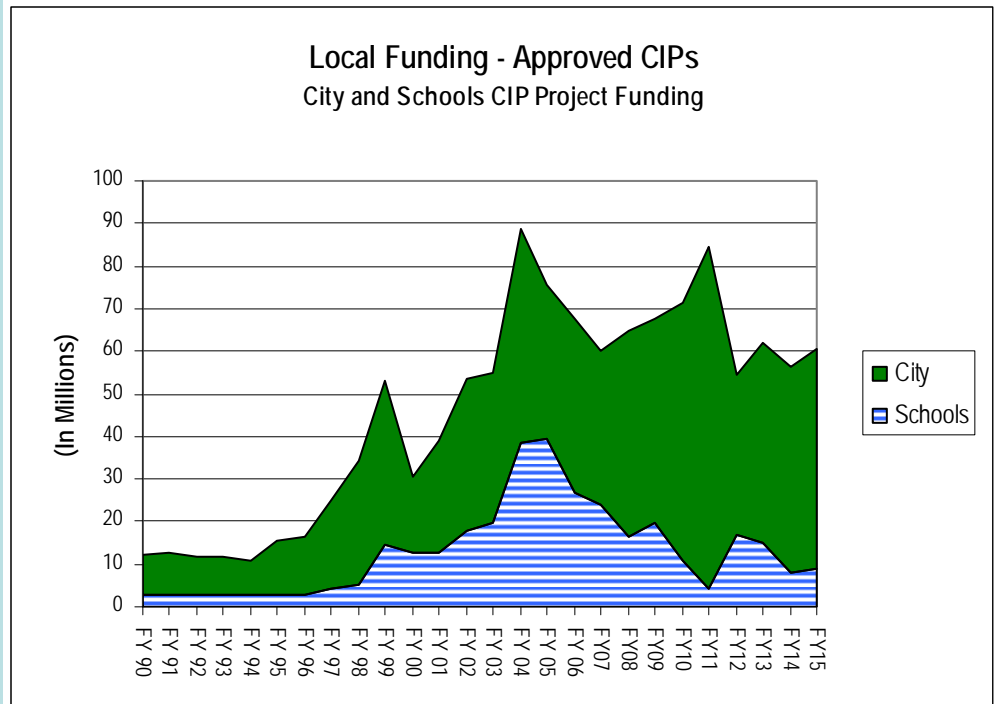


# FY 2010 – FY 2015 Capital Improvement Program Overview

*The City Council Approved FY 2010-FY 2015 Capital Improvement Program totals \$389.5 million in local funding and \$403.0 million in total funding. This represents a decrease of 3.3 percent in local funding and a decrease of 11.6 percent in all sources of funding.*

FY 2010 Proposed vs. FY 2009 Approved				
			Change	
	FY 2009 Approved	FY 2010 Proposed	\$	%
All Funds	\$456.1	\$403.0	-\$53.1	-11.6%
City Share	\$402.8	\$389.5	-\$13.3	-3.3%

The chart below shows the portion of local CIP funding dedicated to Schools capital projects versus City capital projects from FY 1990 – FY 2015



## FY 2010 – FY 2015 Capital Improvement Program Overview

*City Council gave the City Manager specific guidance on the CIP for FY 2010 – FY 2015.*

The budget guidance given by City Council in November 2008 contained language specific to the Capital Improvement Program. Council guidance directed staff that the CIP should contain no new CIP (City and Schools) spending aside from expenditures meeting the following exceptions:

- Expenditures relating to the new Police Headquarters.
- Expenditures subject to contractual obligations or other situations where cancellation or deferral would cause significant financial loss for the City.
- Expenditures to maintain existing infrastructure and those that are deemed emergency in nature.
- Expenditures that may be funded using prior-year unallocated balances already within the CIP.

City Council also directed that the City Manager could propose additional CIP projects (“alternative CIP”) above those currently funded if deemed necessary. These alternative CIP projects would be funded by an additional dedicated penny on the real estate tax rate.

### **Process to Develop CIP for FY 2010 – FY 2015**

#### **CIP Community Meeting**

*The funding gap for the CIP continues to grow in the FY 2010 – FY 2015 CIP to \$127.5 million.*

The community's appetite for capital investment continues to grow at a rapid rate. The FY 2008 – FY 2013 Approved CIP identified \$85.3 million of projects above what the City could afford. This shortfall number was \$61.3 million in the FY 2009 – FY 2014 Approved CIP. Now, in the FY 2010 – FY 2015 Proposed Capital Improvement Plan, the gap between requested capital expenditures and the City funding capacity has grown to \$127.5 million.

Recognizing this growing shortfall issue, City Council directed City staff to hold a Community Meeting on November 6, 2008 to discuss the Capital Improvement Program. The goal of this meeting was two-fold. The City wanted to educate the public on the scope and complexity of the CIP as well as collect information on the types of capital projects the participants of the meeting felt should be priorities.

*In November 2008, the City held a CIP Community Meeting to educate the public on the CIP as well as to collect information on the community's priorities for capital investment.*

Community members at the meeting started by participating in an information capital project fair where they could learn the details of capital projects from City staff. The project fair was followed by facilitated small group meetings where participants discussed the types of capital projects they believed should be prioritized. CIP funding levels and strategies were also discussed. The final segment of the CIP Community Meeting was an electronic poll where participants were asked a series of questions about categories of projects and overall CIP financing.

## FY 2010 – FY 2015 Capital Improvement Program Overview

*The CIP Community Meeting provide City Staff and City Council general information on community priorities for capital investment.*

For the Community Meeting, staff divided projects in the Capital Improvement Plan were into seven categories: Schools; Environmental Protection and Sewers; Police, Fire, Jail, and Courts; Recreation and Historic Attractions; Transportation; Information Technology; and General Government. Each of these lists of projects was subsequently broken down into projects that maintain current levels of service and those that improve upon it. This effectively produced fourteen total project categories. Overall, the electronic poll and the small group discussions suggested that capital projects that maintain capital assets should be prioritized ahead of those that proved improved services. More specifically, participants favored projects involving schools, environmental protection & sewers, public safety, and recreation & historic attractions.

While the data collected from this exercise were certainly not statistically valid to a point where the City could base all funding decisions in the FY 2010 – FY 2015 CIP on them, the Community Meeting was still a valuable experience. Participants were able to walk away with a greater knowledge of the CIP, and City Council and City staff was able to gain new information on community priorities that could be used, along with numerous other pieces of information, when making prioritization decisions.

### Initial Project Prioritization

The specific plan and priorities for the FY 2010 - FY 2015 CIP were initially developed by the City's internal staff CIP Review Committee. This committee, comprised of four department heads, OMB staff, and two Deputy City Managers, is charged with recommending the priorities to the City Manager from among the many requested and needed projects within the City.

The CIP Review Committee assessed over 240 new and revised project requests for the FY 2010 - FY 2015 Capital Improvement Program. Various revisions were made to the project schedules and cost estimates to reflect both operational realities and funding constraints. FY 2010 and FY 2011 projects were then categorized into two categories, projects that maintain current service levels and projects that improve upon them.

- **MAINTAIN:** capital projects that maintain existing facilities and other capital infrastructure and their current level, providing sufficient resources over time to ensure the quality and quantity of service to the public does not decline.
- **IMPROVE:** capital projects that improve the size or capabilities of facilities or capital infrastructure to provide additional quality or quantity of services to the public.

*The CIP Steering Committee reviewed and prioritized over 240 existing, new, or revised projects.*

*CIP projects were first categorized into two categories: Maintain and Improve.*

# FY 2010 – FY 2015 Capital Improvement Program Overview

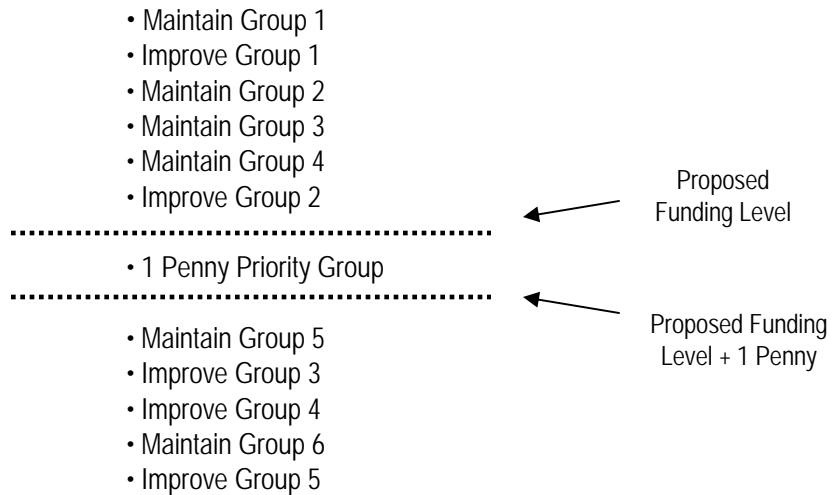
*Maintain projects were generally considered of higher priority than Improve projects.*

After dividing project requests into these two categories, each department on the Committee was asked to provide an individual project ranking for both their Maintain and Improve project lists. Based on consideration of these departmental rankings, the availability of existing project balances, and City Council's budget guidance, the Committee created 12 project "subgroups," including 6 Maintain subgroups, 5 Improve subgroups, and 1 subgroup tied to the inclusion of an additional dedicated penny on the real estate tax rate.

To prioritize these subgroups against each other, staff started with the assumption that all Maintain projects were of higher importance than all Improve projects.

With that direction in mind, staff started with the Improve 1 subgroup and compared it against the Maintain groups to decide whether or not it should be considered to be of higher priority. This was repeated with each of the Improve subgroups until a final priority order was decided upon. This exercise resulted in the following rank order:

*Subgroups Maintain Group 1 through Improve Group 2 are funded in the FY 2010 and FY 2011 proposed plans. The 1-Penny Priority Group is shown next. The remaining groups are unfunded.*



Based on the CIP financing plan, it was determined that the only subgroups through Improve Group 2 could be funded in the FY 2010 and FY 2011 plans. Projects falling in the remaining groups are listed as "unfunded" in this document. These unfunded project requests are displayed as placeholders and are shown as shaded, bolded dollar amounts. They do not add into subtotals and totals in the charts they appear in.

## FY 2010 – FY 2015 Capital Improvement Program Overview

*A funding gap of \$127.5 million exists in the FY 2010 – FY 2015 Capital Improvement Plan.*

The FY 2010 – FY 2015 CIP differs from previous plans in that it includes fully developed spending plans for all six years. This means that while the funded All Funds total for six years is \$403.0 million, this document actually contains total project requests of \$530.5 million. This difference represents a funding gap of \$127.5 million over six years. In FY 2010 and FY 2011, specific unfunded projects have been identified totaling \$54.9 million. In FY 2012 – FY 2014, the expenditure totals seen in this document represent total requests. The funding gap in those years has been accounted for at the macro level. More specifically, in the Total Sources and Uses Tables in the Summary Expenditure and Funding Tables sections, there is a line for Expenditure Reductions to-be-determined showing that a total of \$72.6 million in reductions will need to be made in FY 2012 through FY 2015.

Per Council's budget guidance, the City Manager proposes that additional capital expenditures, above those able to be funded within the existing FY 2010 revenue sources, be considered. These proposed capital expenditures would be funded by an additional penny on the real estate tax rate dedicated specifically as a CIP cash funding source. A penny in FY 2010 is worth \$3.3 million. It is recommended that the additional \$1.6 million raised in FY 2009 from an additional penny be set aside in fund balance as further protection against a FY 2010 revenue shortfall. The projects tied to this additional penny are all unfunded in the FY 2010 CIP. These projects include:

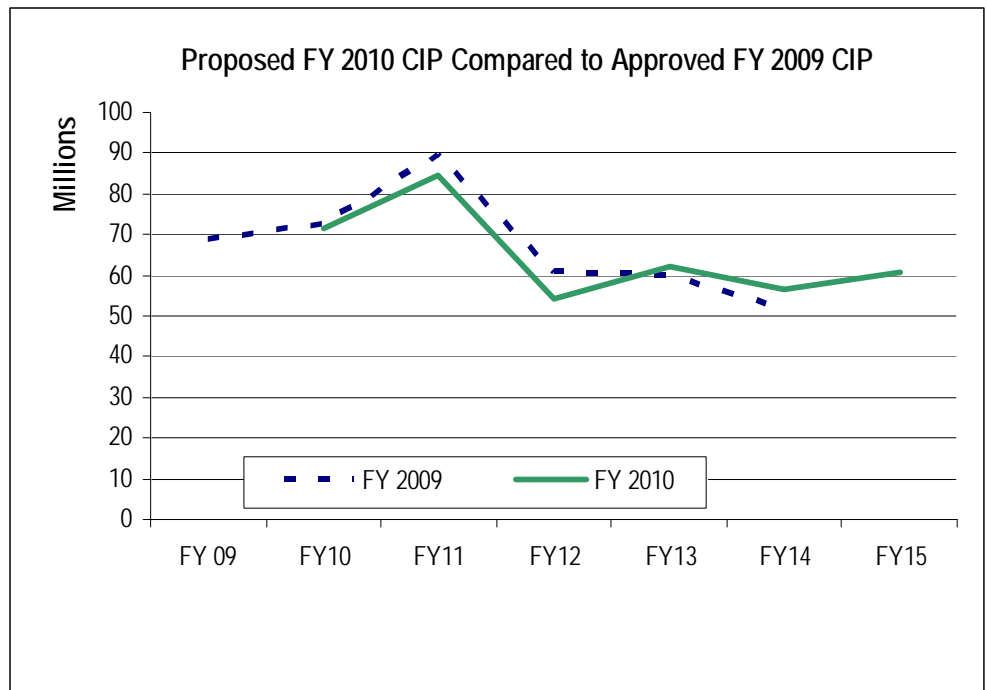
- James Polk Elementary School Gymnasium - \$1.4 million
- Back-up Government Operations Center - \$0.3 million
- Artificial Turf Field Program - \$0.9 million
- Transit Pedestrian Improvements Grant Match - \$0.3 million
- Street & Sidewalk Reconstructions - \$0.4 million

These projects have been identified as the highest priority unfunded projects in the FY 2010 CIP. The James Polk Gymnasium is an important project that will help ACPS better deal with growing capacity issues. The Back-up Government Operations Center is a key element in the City's emergency preparedness. Funding the Artificial Turf Athletic Field Program will allow the City to continue this City Council priority and help reduce overall City operating costs over time. Funding the City match for the Pedestrian Improvements at Transit Facilities Project would both leverage \$990,000 in grant revenues and improve safety around transit facilities. Funding the \$400,000 in Street and Sidewalk Reconstruction work would help balance out some of the Operating Budget reductions in this area. Having this money available would help ensure the quality of the City's streets and sidewalks can be maintained.

## FY 2010 – FY 2015 Capital Improvement Program Overview

The result of the efforts of the CIP Review Committee, and subsequent City Manager review and decision-making, is a proposed six-year \$403.0 million total CIP, representing a 11.6 percent decrease as compared to the Proposed FY 2009-FY 2014 CIP of \$456.1 million. The chart below illustrates the difference in funding for the FY 2010 – FY 2015 Proposed CIP compared to the FY 2009 – FY 2014 Approved CIP.

*The realities of the City's financial situation, as well as the need to meet the budget guidelines established by City Council were critical to final decisions on recommended CIP projects.*

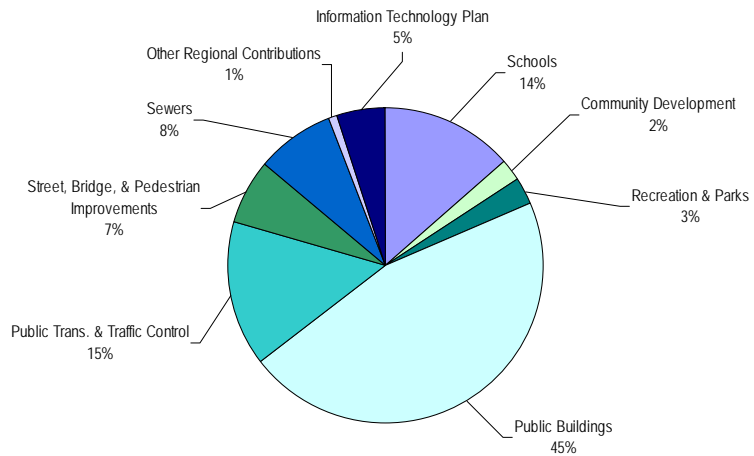


# FY 2010 – FY 2015 Capital Improvement Program Overview

*The Proposed FY 2010 capital budget includes \$78.1 million in total funding and \$71.4 million in local funding.*

The total Proposed CIP for FY 2010 is for \$78.1 million, which includes \$6.7 million in grants and other special revenues. The locally funded CIP is for \$71.4 million, a \$0.9 million (1.2%) decrease from what was previously planned for FY 2010 in last year's approved CIP.

FY 2010 All Funds Capital Budget By CIP Project Category  
(\$78.1 million)



A summary of the FY 2010 major capital budget highlights follows:

### Schools:

- \$10.6 million for Alexandria City Public Schools, including \$5.3 million for HVAC systems at Minnie Howard and John Adams as well as \$0.4 million to help deal with capacity issues

### Community Development:

- \$1.6 million for stream, channel, and waterway maintenance projects
- \$1.0 million is unfunded for the City Wayfinding System project

## FY 2010 – FY 2015 Capital Improvement Program Overview

### *Highlights of the FY 2010 Capital Budget*

#### Recreation and Parks:

- \$1.4 million is budgeted for the various maintenance programs supporting recreation and park facilities
- \$200,000 to begin planning for a new Patrick Henry Recreation Center is unfunded
- \$937,000 to continue the artificial turf program in FY 2010 is unfunded

#### Public Buildings:

- \$31.3 million for construction work on the New Police Facility
- \$1.5 million for the Public Safety Center Slab Replacement project
- \$0.7 million for the elevator replacement program
- \$1.2 million for capital facilities maintenance programs

#### Public Transportation and Traffic Control:

- \$8.9 million for the City's contribution to WMATA "Metro Matters"
- \$2.8 million for the replacement of DASH buses is unfunded

#### Street, Bridge, and Pedestrian Improvements:

- \$2.0 million for Edsall Road reconstruction to be offset by \$1.0 million in state revenue sharing
- \$0.5 million to maintain the City's bridges
- \$0.9 million for the repaving of King Street
- \$0.7 million for iN-STEP (traffic calming) is unfunded in FY 2010
- \$0.7 million to construct the Monroe Avenue Bridge Pedestrian Access is unfunded



## FY 2010 – FY 2015 Capital Improvement Program Overview

### *Highlights of the FY 2010 Capital Budget*

#### Sewers:

- \$4.7 million for sanitary sewer projects funded entirely with sanitary sewer system revenues, including \$1.0 million for infiltration and inflow remediation in the Holmes Run sewershed and \$1.4 million for the reconstruction and extension of sanitary sewers Citywide
- \$1.4 million for storm sewer projects

#### Other Regional Contributions:

- \$0.36 million for the City's capital contribution to the Northern Virginia Regional Park Authority
- \$141,369 for the City's annual capital contribution to Peamansend Creek Regional Jail
- \$136,732 for the City's capital contribution to the Northern Virginia Community College

#### Information Technology:

- \$4.0 million for Information Technology Plan projects, including \$2.0 million for the new Payroll / Human Resources system

## FY 2010 – FY 2015 Capital Improvement Program Overview

*The City Council Approved  
FY 2010 – FY 2015 CIP includes  
\$403.0 million in all sources of  
funding and \$389.5 million in  
local funding.*

The City Manager Proposed FY 2010-FY 2015 Capital Improvement Program totals \$403.0 million. This represents an increase of 11.6 percent decrease in total funding.

The FY 2010 - FY 2015 Capital Improvement Program focuses on repairing, refurbishing, renovating, rehabilitating, and reconstructing existing physical assets. In addition, the proposed CIP calls for new capital projects that will save future operating costs. The chart on page 2-17 illustrates CIP spending (both City and Special Revenue sources) according to project category for each year in the six-year plan.

### Schools:

- A total of \$63.4 million over six years (FY 2010 – FY 2015) has been proposed in this CIP for the capital needs of the Alexandria City Public School System (ACPS) for Schools projects.

### Community Development:

- A total of \$11.1 million over six years (FY 2010 – FY 2015) is planned for stream and channel maintenance. \$3.0 million of this amount will address long-term flood clean-up and prevention issues, identified by T&ES after the flood events of June/July 2006.
- Implementation projects stemming from the Waterfront, Braddock, King Street, Landmark/Van Dorn, and Arlandria area plans are being considered with currently to-be-determined funding amounts.
- The miscellaneous street lighting project (\$250k over six years) is to be expanded to include other small initiatives that help deter crime.

## FY 2010 – FY 2015 Capital Improvement Program Overview

### *Highlights of the FY 2010 –FY 2015 Capital Improvement Program*

#### Recreation and Parks:

- The dedicated Open Space one percent of the real estate tax revenues is being decrease in FY 2010 – FY 2015 to only cover related debt service costs. The \$10.1 million in remaining balance will continue to be used to acquire and do initial development work on desirable open space parcels.
- A total of \$20.2 million is planned starting in FY 2012 to design and construct the expansion of the Chinquapin Recreation Center. The funding schedule, is planned over three years (FY 2012-FY 2014). It should be noted that \$20.2 million is a “ placeholder” as a program has not yet been developed for the use of the renovated and expanded space.
- \$11.7 million is planned over the six years for the various maintenance and repair programs for park and recreation facilities.
- A total of \$9.6 million over four years (FY 2012 – FY 2015) is planned for the design and installation of artificial turf fields City-wide.
- \$5.5 million remains as a placeholder to implement improvements to the Windmill Hill bulkhead.

#### Public Buildings:

- \$78.1 million over three years (FY 2010-FY 2012) is planned for the construction of the new Police facility headquarters office on Wheeler Avenue. Of this total, \$19.7 million is for IT related equipment (including E-911, Computer Aided Dispatch equipment, and the public safety radio system) and installation at the new APD Facility has been now included as part of this project budget. Many of these IT costs would have had to be funded during this time period independent of the need for a new Police facility.
- \$8.3 million in new funding is planned (FY 2010-FY 2012) for the construction of a new fire station in the Eisenhower Valley.
- Other major fire station projects are also being planned throughout the City. These include Fire Station 203 (Cameron Mills Rd) and Fire Station 206 (Seminary Rd). Specific scope and cost estimates will follow programming for these projects. An additional Fire Station project is anticipated for FY 2012 – FY 2015, but the specific location will be driven by an analysis of fire coverage needs.

## FY 2010 – FY 2015 Capital Improvement Program Overview

### *Highlights of the FY 2009 –FY 2014 Capital Improvement Program*

#### Public Buildings (Continued):

- \$2.6 million over two years (FY 2010-FY 2011) is planned to complete the Public Safety Center Slab Replacement project.
- \$1.7 million over six years has been budgeted for the preservation of historic facilities to address capital facility maintenance requirements at the City's historic buildings and sites managed by the Office of Historic Alexandria (OHA).
- \$2.9 million over six years (FY 2009 - FY 2014) has been planned for capital repairs, maintenance and improvements at facilities managed by the Office of the Sheriff, particularly the Detention Center.
- \$0.5 million is budgeted for the potential development of a City office complex at the intersection of King and Beauregard Streets once the land donation to the City transaction is complete.. To-be-determined expenditures are also anticipated in FY 2013 – FY 2015.

#### Public Transportation and Traffic Control:

- \$74.2 million has been planned over six years (FY 2010-FY 2015) to meet the City's capital obligations for Metrobus and Metrorail as part of the Washington Metropolitan Area Transit Authority's (WMATA) "Metro Matters" and potential "Beyond Metro Matters" Capital Improvement Program (CIP).
- \$30.0 million over four years (FY 2012-2015) has been planned for the replacement and expansion of the DASH fleet over this period. Since the City can no longer anticipate State Urban Funds for these buses, City funding is now the planned source. \$11.1 million in FY 2010 and FY 2011 is unfunded for this project.

#### Street, Bridge, and Pedestrian Improvements:

- \$19.2 million is planned over six years (FY 2010 – FY 2015) for street improvements, including \$6.8 million for the reconstruction of Madison and Montgomery Streets,\$4.0 million for Edsall Road; \$3.1 million for traffic calming, and \$3.4 million for a bridge repairs.
- \$3.8 million is planned over six years (FY 2009 – FY 2014) for bridge repairs City-wide.

## FY 2010 – FY 2015 Capital Improvement Program Overview

### *Highlights of the FY 2010 –FY 2015 Capital Improvement Program*

#### Sewers:

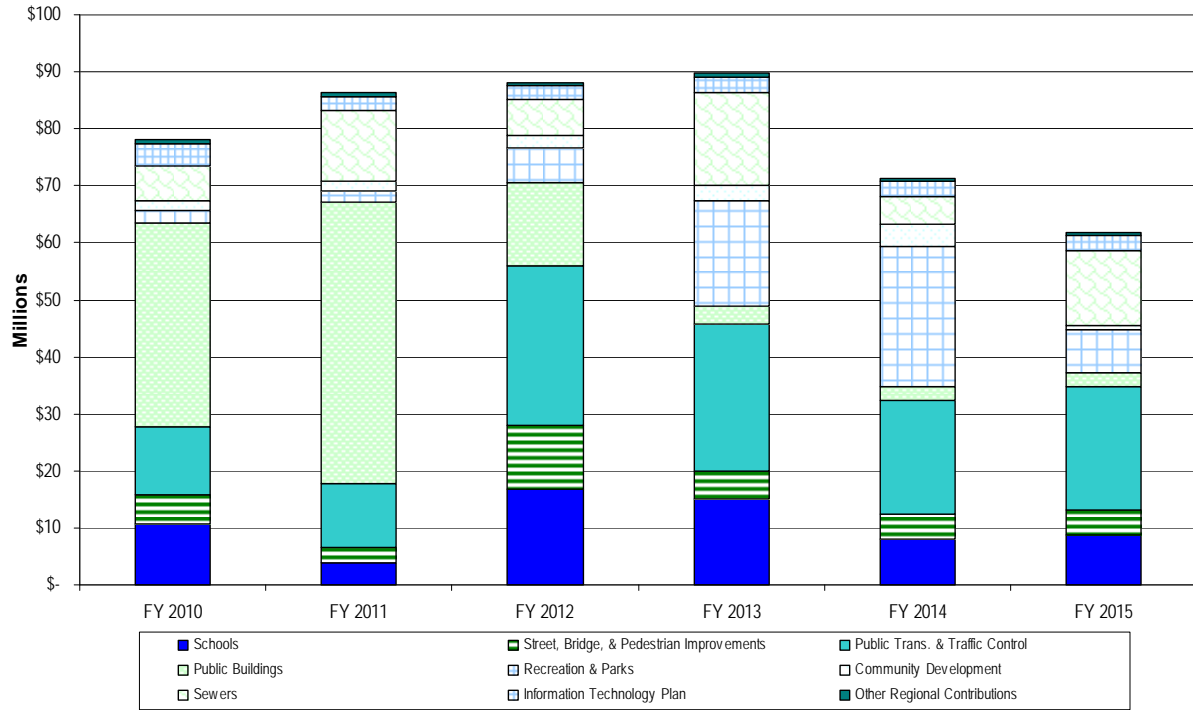
- A total of \$59.1 million over six years (FY 2010 - FY 2015) is planned for City-wide sanitary and storm sewer projects, including \$25.9 million for the Holmes Run Infiltration and Inflow project and \$6.7 million to address unforeseen conditions and cost increases in existing sanitary sewer projects. Sanitary sewer projects will be financed by the revenues collected through the Sanitary Sewer Enterprise Fund (sanitary sewer connection and use Fees).

#### Information Technology:

- The Proposed FY 2010-FY 2015 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 component of the CIP is \$16.9 million. The largest single element is \$3.0 million in FY 2010 and FY 2011 to fund the new Payroll / Human Resources System.

# FY 2010 – FY 2015 Capital Improvement Program Overview

## CIP USES: FY 2010 - FY 2015



NOTE: This chart does not reflect "Expenditure Reductions to-be-determined" in FY 2012 (\$32.5 million), FY 2013 (\$26.4 million), and FY 2014 (\$13.7 million) that are included in the overall FY 2010 – FY 2015 Capital Improvement Plan. The total expenditures displayed above exceed the City's funding ability in those years and will be adjusted down accordingly in future plans.

## FY 2010 – FY 2015 Capital Improvement Program Overview

*A total of \$54.9 million in approved CIP projects remain unfunded.*

Even after rescheduling many projects to a later time, there is insufficient funding to meet all the capital needs in FY 2009 - FY 2014.

The City Manager's Proposed CIP included a total of \$47.2 million in projects specifically designated as unfunded projects over three years, including:

- \$22.5 million in FY 2010;
- \$29.7 million in FY 2011; and
- \$2.7 million in FY 2012.

The following are some of the projects that remain unfunded in this CIP.

### FY 2010

- \$1.0 million for the Wayfinding Sign Program;
- \$1.4 million for the James Polk gymnasium;
- \$0.1 million for the Braddock Area Plan implementation;
- \$0.2 million to begin the Patrick Henry Rec Center;
- \$0.9 million for the artificial turf athletic field program;
- \$0.3 million for the back-up government operations center;
- \$1.4 million for the pistol range;
- \$2.8 million for DASH bus replacements;
- \$0.3 million for a Transit Pedestrian Services grant match; and
- \$0.5 million for street and sidewalk reconstructions.

### FY 2011

- \$0.6 million for the Wayfinding Sign Program;
- \$3.5 million for the Patrick Henry Rec Center;
- \$8.3 million for replacement and expansion DASH buses;
- \$1.0 million for traffic signal maintenance; and
- \$1.0 million to fully complete the Edsall Road paving project.

### FY 2012

- \$0.7 million for the Wayfinding Sign Program; and
- \$2.0 million for the Patrick Henry Rec Center.

*Unfunded requests appear as shaded, bolded values in the FY 2010 – FY 2015 document and are not added into any subtotals or totals.*

Throughout the FY 2010 – FY 2015 Proposed CIP document, these unfunded requests will appear as shaded, bolded values in order to distinguish them from the funded projects. The unfunded requests should not add into any table subtotal or total amounts.

## FY 2010 – FY 2015 Capital Improvement Program Overview

*Additional expenditure reductions to-be-determined totaling \$72.6 million need to be identified*

A funding gap of \$72.6 million over three years (FY 2012 – FY 2014) exists in the Proposed FY 2010 – FY 2015 CIP. Expenditure reductions of the following amounts will need to be identified in the coming years:

- \$32.5 million in FY 2012;
- \$26.4 million in FY 2013; and
- \$13.7 million in FY 2014.

*The City has significant major capital investment opportunities and challenges to be addressed in the future.*

The following major capital investment opportunities will be studied in the short term, and funding options (tax-increment financing, special tax districts, etc.) and structures (revenue bonds, lease-financing, etc.) will be studied.

- New Metrorail Station at Potomac Yard;
- Landmark Mall redevelopment;
- Braddock area plan implementation items;
- Future waterfront plan implementation;
- King-Beauregard City Office Complex; and
- Bus Rapid Transit (BRT) network citywide



## FY 2010 – FY 2015 Capital Improvement Program Overview

*The FY 2010 – FY 2015 CIP will be primarily financed with General Obligation Bonds, Cash Capital, Grants and Other Special Revenue, and Bond Interest Earnings.*

The City will continue to use pay-as-you-go cash capital financing over the next six years to maintain compliance with its debt-related financial policies and, to the extent possible, as dictated by the economy and resulting pressure on the operating budget. The chart on the following page shows the breakdown of funding sources (both City and Special Revenue sources) for each year of the six-year plan.

Funding the total capital program for the City and the Schools will be provided through a mix of sources including:

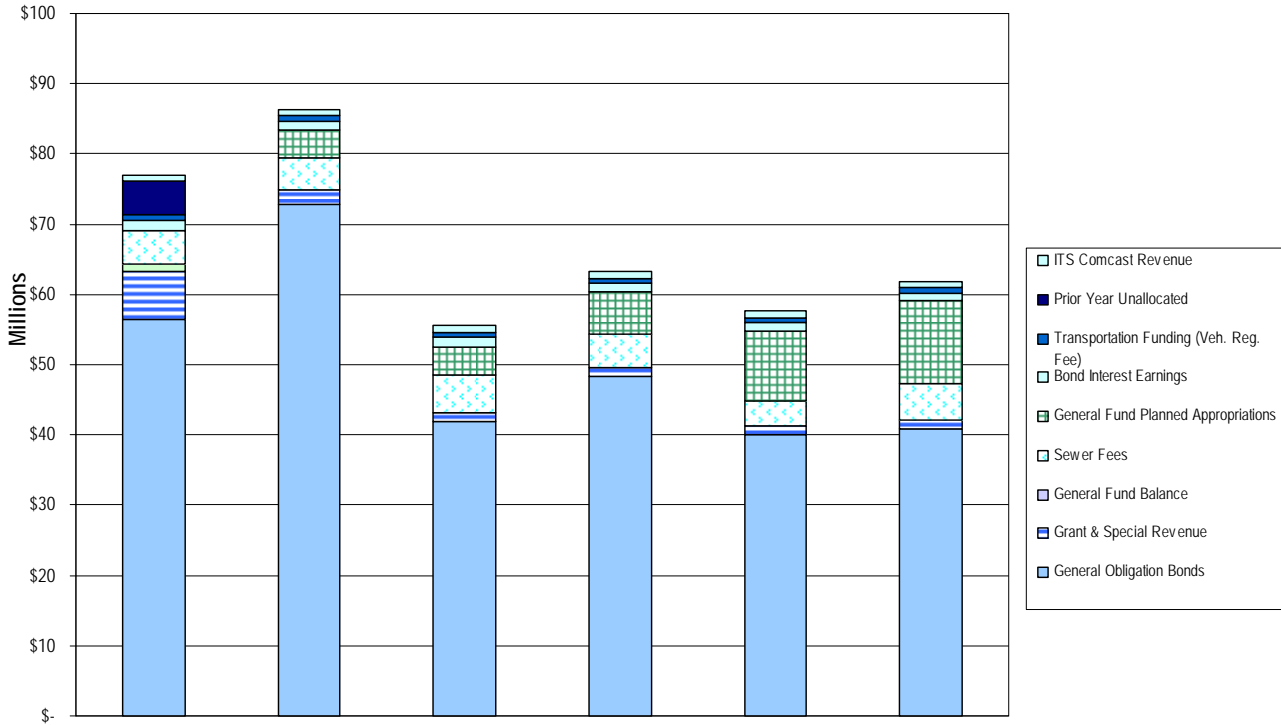
- \$300.7 million in general obligation bond borrowing;
- \$13.5 million in grants and other special revenue; and
- \$88.8 million in cash from various sources, including:
  - \$36.0 million in cash capital appropriations;
  - \$28.1 million in cash capital from sanitary sewer fees
  - \$7.7 million in bond interest earnings,
  - \$1.1 million in bond premiums;
  - \$1.0 million in general fund balance for capital projects;
  - \$5.9 million in Comcast revenues
  - \$4.2 million in revenue raised from the decal fee; and
  - \$4.8 million in prior year unallocated funds.

The FY 2010 - FY 2015 capital funding plan reflects the planned issuance of \$300.7 million in bonds through FY 2015, including:

- \$56.5 million in general obligation bonds in FY 2010;
- \$72.9 million in FY 2011;
- \$42.0 million in FY 2012;
- \$48.3 million in FY 2013;
- \$40.0 million in FY 2014; and
- \$41.0 million in FY 2015.

# FY 2010 – FY 2015 Capital Improvement Program Overview

## CIP SOURCES: FY 2010-FY 2015



# FY 2010 – FY 2015 Capital Improvement Program Overview

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

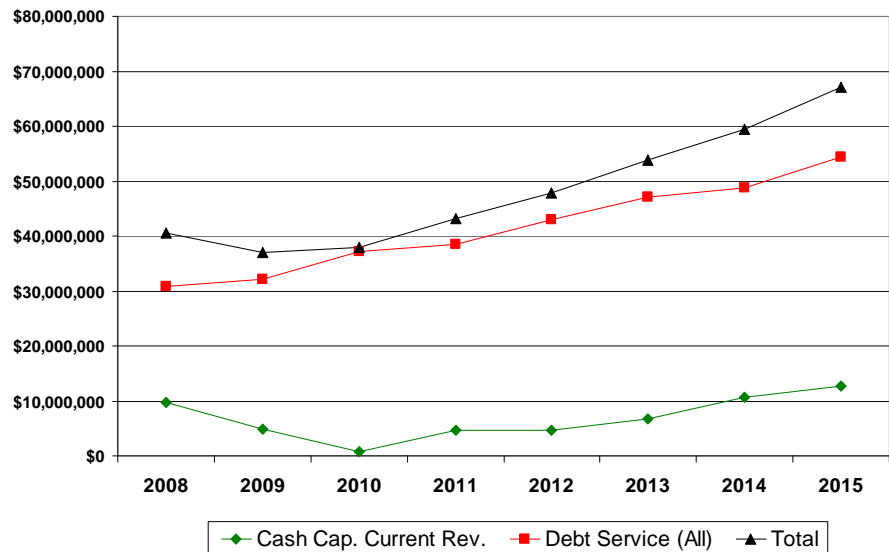
*Debt service payments increase each year of the CIP, peaking at \$54.4 million in FY 2015.*

This proposed capital program, while accommodating many needs, does not address all of the requests from City agencies and the community. As referenced earlier, a total of \$127.5 million over six years remains unfunded. The impact on the operating budget of proposing additional cash capital or bond issuance to fund this \$127.5 million is more than existing or projected revenues at current 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 \$32.2 million in FY 2009 to \$37.3 million in FY 2010, and increase each year until peaking at \$54.4 million in FY 2015.

**CIP Impact on Operating Budget**  
(with Proposed FY 2010-FY 2015 CIP)



# FY 2010 – FY 2015 Capital Improvement Program Overview

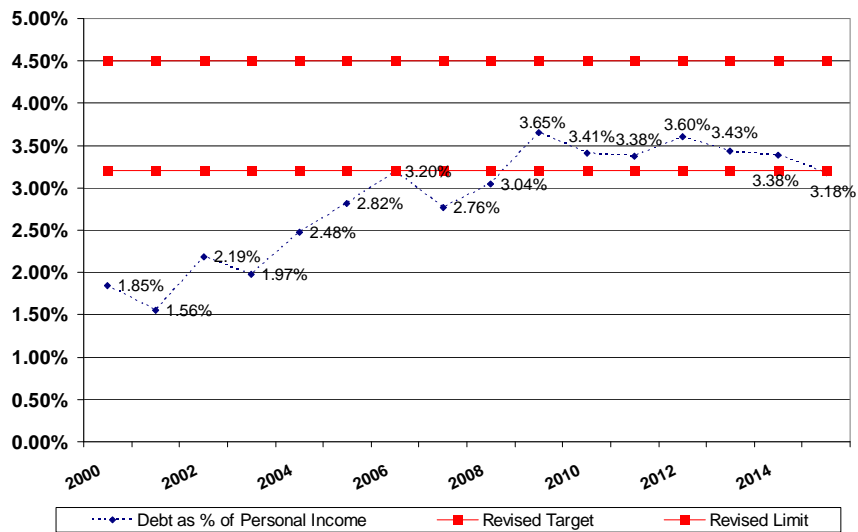
*The City will remain in compliance with adopted debt ratio limits.*

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

As shown in the “Summary Funding Tables” section of the document and in the figures below, the City will remain in compliance with our adopted debt ratio limits, but will likely exceed two key debt ratio targets.

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 would resynchronize this guideline with that for debt as a percent of the fair market value of real property. These two indicators have diverged since they were last reviewed and adopted by City Council in December 1997.

**Approved CIP FY 2010-2015  
Debt as Percent of Personal Income**



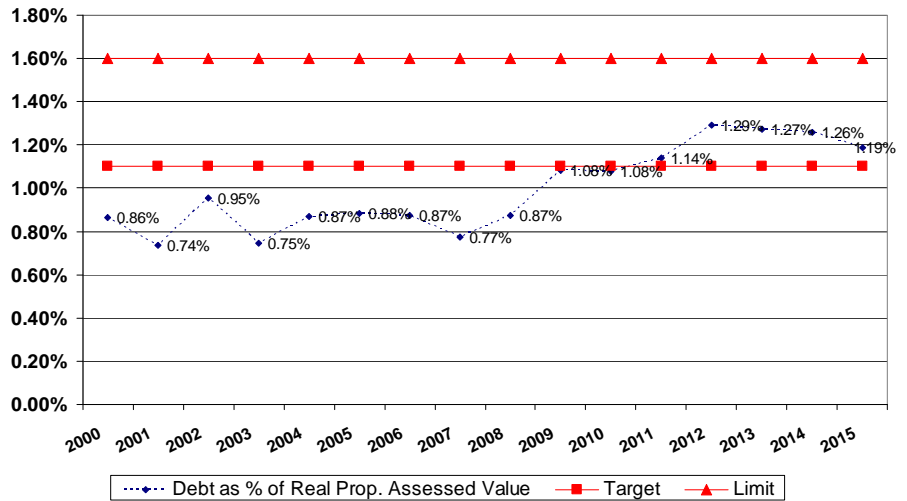
The City's FY 2010 ratio of debt as a percent of personal income will be 3.41 percent, which will exceed the 3.2 percent target, but stay below the limit of 4.5 percent. This is down slightly from the FY 2009 ratio of 3.65 percent.

# FY 2010 – FY 2015 Capital Improvement Program Overview

Under this funding plan, the City's debt as a percentage of the fair market value of real property increases to just above the 1.1 percent target, but still well below the 1.6 percent limit during the entire FY 2010 to FY 2015 time period. This is the most important debt ratio considered by the bond rating agencies.

*Debt as a percent of fair market value exceeds the City's target, but stays below limit.*

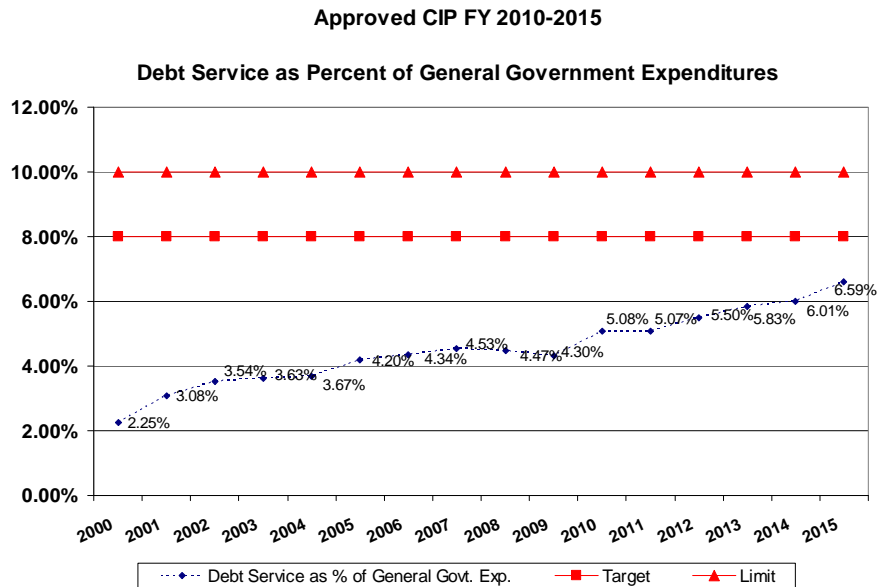
**Approved CIP FY 2010-2015**  
**Debt as Percent of Real Property Assessed Value**



The City's projected debt to tax base ratio peaks in FY 2013 at 1.35% and then begins to move back down towards the target. Most of this debt level is well below that of most of the other AAA/Aaa jurisdictions in Virginia and Maryland.

# FY 2010 – FY 2015 Capital Improvement Program Overview

Although the City will remain below its debt policy ratio for debt service to general governmental expenditures, as the figure below shows, the impact of debt service on the operating budget is increasing at a significant rate. It is the year-to-year debt service payments; and the impact those projects has on the real estate tax rate, that present a challenge to the City as it looks for ways to finance needed capital improvements in those years.



## FY 2010 – FY 2015 Capital Improvement Program Overview

*The City Manager is implementing a five phase capital review process to improve the management of major capital projects.*

Following the CIP worksession with City Council, the CIP Steering Committee formed two workgroups to develop proposals to implement the recommended best management practices. The City Manager reviewed these proposals and is recommending their implementation.

The first best management practice to be implemented is the capital project phase review process. This process includes the following five phases:

- Identification of Need or Problem,
- Development of Initial Requirements/Initial Study,
- Alternatives Analysis, Design,
- Invitation to Bid Issuance, and
- Construction Contract.

In FY 2009, the following 14 projects were identified to be part of this review process:

- New Police Facility
- Fire Station 203 Expansion (Cameron Mills)
- Fire Station 210 (Eisenhower Valley)
- Public Safety Center Slab
- Emergency Operations Center
- Holmes Run Infiltration & Inflow
- Taylor Run Infiltration & Inflow
- Madison/Montgomery
- Chinquapin Recreation Center
- Athletic Fields
- Patrick Henry Recreation Center
- Windmill Hill
- Coordinated Sign and Wayfinding Program

In addition, certain Information Technology projects such as the acquisition of a new City phone system , the replacement of the financial/human resource/purchasing systems, as well as other significant IT systems will also be subject to a similar review process.

In the FY 2010 – FY 2015, the following project will be added to the review process:

- Fire Station 206 (Seminary Rd)

Additionally, the implementation projects stemming from the Waterfront, Braddock, King Street, Landmark/Van Dorn, and Arlandria area planning processes may be subject to the phase review process.

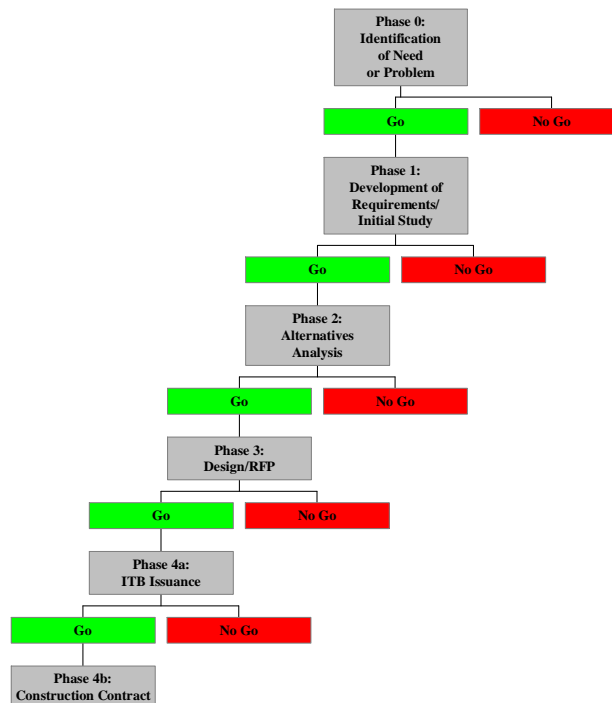
# FY 2010 – FY 2015 Capital Improvement Program Overview

*Departments are required to submit project information for approval before it can proceed to the next phase.*

When a project is ready to proceed to the next phase, Departments are required to submit the information listed below to City Manager's Office.

- Project Scope/Concept
- Cost Estimate
- Financing Estimate
- Schedule
- Customer Service Level Impact
- Quantity
- Efficiency
- Quality
- Criticality or Risk of not doing project
- Operating Budget Impact Management Team
- Public/Stakeholder Input
- SUP/Other Formal Approval Required

The City Manager's Office then decides whether or not the project should move forward. The chart below illustrates this process.



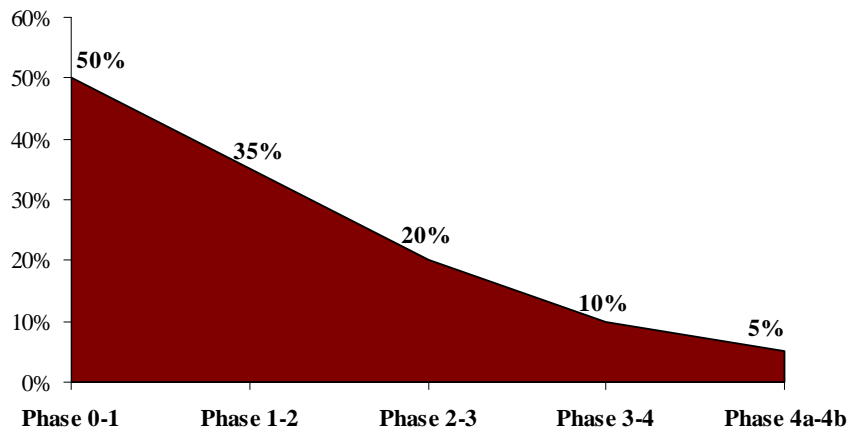


# FY 2010 – FY 2015 Capital Improvement Program Overview

*Cost estimates increase in accuracy as project moves through phase review process.*

*Capital project performance measures will be used to keep projects on-budget and on-schedule.*

As a project proceeds through each phase of this process, the accuracy of information required (specifically the cost and financing estimates) becomes greater. In Phases 0-1, cost estimates appearing in the budget may vary by +/- 50 percent. However, when a project reaches Phase 4a, the variance allowable decreases to +/-10 percent. The chart below illustrates the level of accuracy expected as a projects move through each of the phases.



Capital project performance measures have been developed for each of the projects in the phase review process. All projects will be measured on whether they are on-time and on-budget. The measures below illustrates how these measures appear in the budget document.

Capital Performance Measures
On-time (within projected time period)
On-budget (within projected range of costs)
Quality measures to be determined

In addition, managing departments have developed or will develop measures assessing the quality of the project (i.e. customer satisfaction). These quality measures vary by project.

Departments have also provided the customer service level impact for projects in the phase review process. In addition, the operating impact is provided for all projects. A summary table of the operating impacts is included on the following page. This information can be found under the project descriptions located in the Capital Details Summary.

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# STRATEGIC PLAN

## Strategic Plan

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# Strategic Plan

## Alexandria's Strategic Plan

In fall 2004 the Alexandria City Council adopted a Strategic Plan for 2004-2015 and its vision of what it believed that Alexandria could become by the year 2015. The Council developed the Strategic Plan and Vision over the last year after holding a series of work sessions, two community meetings and a public hearing to obtain community input. The plan was adopted by City Council on September 14, 2004 and revised on January 21, 2006. The Strategic Plan is the City Council's road map to fulfill its Vision, which it believes can be achieved by working together on common goals.

## Alexandria Vision 2015

*Alexandria 2015 is a Vibrant, Diverse, Historic and Beautiful City with Unique Neighborhoods and Multiple Urban Villages Where We Take Pride in Our Great Community.*

## Alexandria Plan for 2004-2009/Goals 2009

### GOALS:

- Goal 1: Quality Development and Redevelopment that is Well Planned and Consistent with Alexandria's Vision.
- Goal 2: A City That Respects, Protects, Preserves and Enhances the Natural Environment and Historic Resources.
- Goal 3: An Integrated, Multi Modal Transportation System that Efficiently and Effectively Gets People from Point "A" to Point "B".
- Goal 4: A Strong Local Economy that is Growing in Varied Small Businesses and Job Opportunities.
- Goal 5: A Caring Community that is Diverse and Affordable.
- Goal 6: The City Government is Financially Sustainable, Efficient and Community Oriented.
- Goal 7: A City that Ensures the Safety, Security, Emergency Preparedness and Well Being of the Community.
- Goal 8: Public Schools that are Among the Best in Northern Virginia (in Partnership with the Alexandria Schools).

## Mission of Alexandria City Government

Alexandria City Government is financially sustainable, provides excellent services that are valued by its customers, and engages the entire community as it plans for the future.

## FY 2010 – FY 2015 CIP by Strategic Plan Goal

The breakdown of the FY 2010 – FY 2015 Capital Improvement Program by Strategic Plan Goal will be included in the Approved document.

## Strategic Plan

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# SUMMARY EXPENDITURE TABLES

**Summary Expenditure Tables**

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## Summary Expenditure Tables

TOTAL SOURCES AND USE OF CIP FUNDS (FY 2010 - FY2015)							
ALL SOURCES	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
General Fund Planned Appropriations	\$ -	\$ 4,000,000	\$ 4,000,000	\$ 6,000,000	\$ 10,000,000	\$ 12,000,000	\$ 36,000,000
General Fund Balance	\$ 1,026,958	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,026,958
General Obligation Bonds	\$ 56,510,000	\$ 72,925,000	\$ 42,000,000	\$ 48,345,000	\$ 40,000,000	\$ 40,950,000	\$ 300,730,000
Open Space Trust Fund Account Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Interest Earnings	\$ 1,580,420	\$ 1,201,714	\$ 1,399,301	\$ 1,259,435	\$ 1,201,121	\$ 1,025,183	\$ 7,667,174
Bond Premiums	\$ 1,063,877	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,063,877
Sewer Fees	\$ 4,745,050	\$ 4,698,169	\$ 5,305,000	\$ 4,801,684	\$ 3,560,878	\$ 5,036,183	\$ 28,146,964
Transportation Funding (Vehicle Reg. Fee)	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 4,200,000
Prior Year Unallocated Funds	\$ 4,774,268	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,774,268
IT S Comcast Revenue	\$ 985,000	\$ 985,000	\$ 985,000	\$ 985,000	\$ 985,000	\$ 985,000	\$ 5,910,000
<b>Subtotal City Sources</b>	<b>\$ 71,385,573</b>	<b>\$ 84,509,883</b>	<b>\$ 54,389,301</b>	<b>\$ 62,091,119</b>	<b>\$ 56,446,999</b>	<b>\$ 60,696,366</b>	<b>\$ 389,519,241</b>
State Urban Funds	\$ 272,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 272,000
VDOT Revenue Sharing Funds	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,000,000
Federal SAFETEA-LU	\$ 2,902,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,902,700
Wilson Bridge Settlement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Non-City Sources	\$ 2,531,437	\$ 871,437	\$ 221,437	\$ 221,437	\$ 221,437	\$ 221,437	\$ 4,288,622
<b>Subtotal Non-City Sources</b>	<b>\$ 6,706,137</b>	<b>\$ 1,871,437</b>	<b>\$ 1,221,437</b>	<b>\$ 1,221,437</b>	<b>\$ 1,221,437</b>	<b>\$ 1,221,437</b>	<b>\$ 13,463,322</b>
<b>TOTAL ALL SOURCES</b>	<b>\$ 78,091,710</b>	<b>\$ 86,381,320</b>	<b>\$ 55,610,738</b>	<b>\$ 63,312,556</b>	<b>\$ 57,668,436</b>	<b>\$ 61,917,803</b>	<b>\$ 402,982,563</b>
ALL USES	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
Schools	\$ 10,635,677	\$ 3,957,739	\$ 16,890,714	\$ 14,974,499	\$ 8,112,634	\$ 8,780,659	\$ 63,351,922
Community Development	\$ 1,622,000	\$ 1,697,000	\$ 2,089,000	\$ 2,677,000	\$ 3,968,000	\$ 780,000	\$ 12,833,000
Recreation & Parks	\$ 2,210,320	\$ 1,937,346	\$ 6,130,000	\$ 18,314,500	\$ 24,630,000	\$ 7,525,000	\$ 60,747,166
Public Buildings	\$ 35,811,000	\$ 49,499,200	\$ 14,554,000	\$ 3,154,000	\$ 2,282,000	\$ 2,408,000	\$ 107,708,200
Public Trans. & Traffic Control	\$ 11,817,700	\$ 11,147,000	\$ 28,017,750	\$ 25,873,050	\$ 19,918,267	\$ 21,637,050	\$ 118,410,817
Street, Bridge, & Pedestrian Improvements	\$ 5,252,250	\$ 2,649,000	\$ 11,125,000	\$ 5,016,000	\$ 4,375,000	\$ 4,346,000	\$ 32,763,250
Sewers	\$ 6,123,300	\$ 12,351,169	\$ 6,452,000	\$ 16,305,684	\$ 4,733,000	\$ 13,131,000	\$ 59,096,153
Other Regional Contributions	\$ 637,963	\$ 632,866	\$ 625,806	\$ 617,860	\$ 612,059	\$ 616,594	\$ 3,743,148
Information Technology Plan	\$ 3,981,500	\$ 2,510,000	\$ 2,273,500	\$ 2,741,000	\$ 2,749,500	\$ 2,693,500	\$ 16,949,000
Expenditure Reductions to-be-determined	\$ -	\$ -	\$ (32,547,032)	\$ (26,361,037)	\$ (13,712,024)	\$ -	\$ (72,620,093)
<b>TOTAL ALL USES</b>	<b>\$ 78,091,710</b>	<b>\$ 86,381,320</b>	<b>\$ 55,610,738</b>	<b>\$ 63,312,556</b>	<b>\$ 57,668,436</b>	<b>\$ 61,917,803</b>	<b>\$ 402,982,563</b>
% FROM GENERAL OBLIGATION BONDS	72.4%	84.4%	75.5%	76.4%	69.4%	66.1%	74.6%
% FROM CITY AND OTHER CASH SOURCE	27.6%	15.6%	24.5%	23.6%	30.6%	33.9%	25.4%



## Summary Expenditure Tables

TABLE 1  
Summary of Capital Improvement Program by Project Group  
FY 2010 - FY 2015

By Funding Source					
SECTION	TOTAL COST	NON-CITY REVENUE SOURCES	NET CITY COST	CITY UNALLOCATED BALANCE*	REMAINING CITY COST
Schools	\$63,566,902	\$0	\$63,566,902	\$214,980	\$63,351,922
Community Development	\$38,548,766	\$20,313,669	\$18,235,097	\$5,402,097	\$12,833,000
Recreation & Parks	\$72,687,672	\$1,490,000	\$71,197,672	\$11,940,506	\$59,257,166
Public Buildings	\$113,587,955	\$1,298,622	\$112,289,333	\$5,879,755	\$106,409,578
Public Transportation & Traffic Control	\$131,657,537	\$12,293,113	\$119,364,424	\$3,856,307	\$115,508,117
Street, Bridge, & Pedestrian Improvements	\$69,931,774	\$38,266,850	\$31,664,924	\$6,673,674	\$24,991,250
Sewers	\$76,177,163	\$617,670	\$75,559,493	\$16,463,340	\$59,096,153
Other Regional Contributions	\$3,743,148	\$0	\$3,743,148	\$0	\$3,743,148
Information Technology Plan	\$19,978,665	\$0	\$19,978,665	\$3,029,665	\$16,949,000
Funding Sources Not Identified	\$0	\$0	\$0	\$0	(\$72,620,093)
<b>TOTAL</b>	<b>\$589,879,582</b>	<b>\$74,279,924</b>	<b>\$515,599,658</b>	<b>\$53,460,324</b>	<b>\$389,519,241</b>

\* Unallocated balances as of January 2009

TABLE 2  
Summary of Capital Improvement Program by Project Group  
FY 2010 - FY 2015

City Share by Program Year								
SECTION	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
Schools	\$214,980	\$10,635,677	\$3,957,739	\$16,890,714	\$14,974,499	\$8,112,634	\$8,780,659	\$63,351,922
Community Development	\$5,402,097	\$1,622,000	\$1,697,000	\$2,089,000	\$2,677,000	\$3,968,000	\$780,000	\$12,833,000
Recreation & Parks	\$11,940,506	\$1,395,320	\$1,282,346	\$6,125,000	\$18,309,500	\$24,625,000	\$7,520,000	\$59,257,166
Public Buildings	\$5,879,755	\$35,594,563	\$49,282,763	\$14,337,563	\$2,937,563	\$2,065,563	\$2,191,563	\$106,409,578
Public Transportation & Traffic Control	\$3,856,307	\$8,915,000	\$11,147,000	\$28,017,750	\$25,873,050	\$19,918,267	\$21,637,050	\$115,508,117
Street, Bridge, & Pedestrian Improvements	\$6,623,674	\$2,480,250	\$1,649,000	\$10,125,000	\$4,016,000	\$3,375,000	\$3,346,000	\$24,991,250
Sewers	\$16,463,340	\$6,123,300	\$12,351,169	\$6,452,000	\$16,305,684	\$4,733,000	\$13,131,000	\$59,096,153
Other Regional Contributions	\$0	\$637,963	\$632,866	\$625,806	\$617,860	\$612,059	\$616,594	\$3,743,148
Information Technology Plan	\$3,029,665	\$3,981,500	\$2,510,000	\$2,273,500	\$2,741,000	\$2,749,500	\$2,693,500	\$16,949,000
Expenditure Reductions to-be-determined	\$0	\$0	\$0	(\$32,547,032)	(\$26,361,037)	(\$13,712,024)	\$0	(\$72,620,093)
<b>TOTAL</b>	<b>\$53,410,324</b>	<b>\$71,385,573</b>	<b>\$84,509,883</b>	<b>\$54,389,301</b>	<b>\$62,091,119</b>	<b>\$56,446,999</b>	<b>\$60,696,366</b>	<b>\$389,519,241</b>

\* Unallocated balance as of January 2009

NOTE: Funding to fully fund projects listed in FY 2012 – FY 2014 is not proposed. Reductions totaling \$72.6 million will have to be identified (\$32.5 million in FY 2012, \$26.4 million in FY 2013, and \$13.7 million in FY 2014). Total Funded City share 6-year plan proposed is \$389,519,241.

## Summary Expenditure Tables

TABLE 3  
Detail of Capital Improvement Program by Project  
FY 2010 - FY 2015

By Funding Source						
SECTION	TOTAL COST	NON-CITY REVENUE SOURCES	NET CITY COST	CITY UNALLOCATED BALANCE*	REMAINING CITY COST	
<b><u>SCHOOLS</u></b>						
ACPS Facilities	\$63,566,902	0	\$63,566,902	\$214,980	\$63,351,922	
Subtotal Schools	\$63,566,902	\$0	\$63,566,902	\$214,980	\$63,351,922	
<b><u>COMMUNITY DEVELOPMENT</u></b>						
<b>Citywide Amenities</b>						
City Wayfinding System	\$50,000	\$0	\$50,000	\$50,000	\$0	
Residential Sign	\$84,000	\$0	\$84,000	\$24,000	\$60,000	
Mt Vernon Ave Lighting	\$10,000	\$0	\$10,000	\$10,000	\$0	
Crime Prevention Projects (street lighting)	\$524,000	\$0	\$524,000	\$275,000	\$249,000	
<b>Neighborhood/Small Area Planning</b>						
King Street Plan Implementation	\$0	\$0	\$0	\$0	\$0	
Downtown Trans & Parking	\$10,000	\$0	\$10,000	\$0	\$10,000	
Braddock Area Plan Implementation	\$400,000	\$0	\$400,000	\$100,000	\$300,000	
Waterfront Plan Implementation	\$1,250,000	\$0	\$1,250,000	\$0	\$1,250,000	
Landmark/Van Dorn Plan Implement.	\$0	\$0	\$0	\$0	\$0	
Redevelopment of Arlandria	\$500,000	\$0	\$500,000	\$500,000	\$0	
<b>Stream, Channel, &amp; Waterway Maintenance</b>						
Channel Restoration	\$2,986,500	\$0	\$2,986,500	\$922,500	\$2,064,000	
Environmental Restoration	\$719,750	\$0	\$719,750	\$463,750	\$256,000	
4 Mile Run Watershed Improvements	\$552,019	\$0	\$552,019	\$552,019	\$0	
4 Mile Run Park/Stream Restoration	\$728,578	\$0	\$728,578	\$728,578	\$0	
4 Mile Run Channel Maintenance	\$1,000,000	\$0	\$1,000,000	\$700,000	\$300,000	
Stream & Channel Maintenance	\$3,326,250	\$0	\$3,326,250	\$1,076,250	\$2,250,000	
Flood of 2006 Restoration	\$2,994,000	\$0	\$2,994,000	\$0	\$2,994,000	
City Marina Dredging	\$3,100,000	\$0	\$3,100,000	\$0	\$3,100,000	
<b>Woodrow Wilson Bridge Projects</b>						
Woodrow Wilson Bridge Projects	\$20,313,669	\$20,313,669	\$0	\$0	\$0	
Subtotal Community Development	\$38,548,766	\$20,313,669	\$18,235,097	\$5,402,097	\$12,833,000	

\* Unallocated balances as of January 2009

NOTE: Funding to fully fund projects listed in FY 2012 – FY 2014 is not proposed. Reductions totaling \$72.6 million will have to be identified (\$32.5 million in FY 2012, \$26.4 million in FY 2013, and \$13.7 million in FY 2014). Total Funded City share 6-year plan proposed is \$389,519,241

## Summary Expenditure Tables

By Funding Source					
SECTION	TOTAL COST	NON-CITY REVENUE SOURCES	NET CITY COST	CITY UNALLOCATED BALANCE*	REMAINING CITY COST
<b>RECREATION &amp; PARKS</b>					
<b>Renovated or Expanded Rec Facilities</b>					
All City Sports	\$10,000	\$0	\$10,000	\$0	\$10,000
Charles Houston Rec Center	\$10,000	\$0	\$10,000	\$0	\$10,000
Chinquapin Rec Center	\$20,250,000	\$0	\$20,250,000	\$100,000	\$20,150,000
Patrick Henry	\$0	\$0	\$0	\$0	\$0
Pool Spray Areas	\$1,800,000	\$0	\$1,800,000	\$0	\$1,800,000
Cameron Station	\$10,000	\$0	\$10,000	\$0	\$10,000
<b>Recreation Facilities Maintenance</b>					
Rec Facilities Renovations (CFMP)	\$3,564,000	\$0	\$3,564,000	\$0	\$3,564,000
Public Pools	\$353,000	\$0	\$353,000	\$0	\$353,000
City Marina Maintenance	\$494,500	\$0	\$494,500	\$0	\$494,500
Warwick Pool	\$7,100,000	\$0	\$7,100,000	\$0	\$7,100,000
Fitness Room Renovations	\$260,000	\$0	\$260,000	\$0	\$260,000
<b>Park Maintenance &amp; Improvements</b>					
ADA Requirements for Parks	\$192,000	\$0	\$192,000	\$25,000	\$167,000
Athletic Field Improvements	\$9,192,500	\$0	\$9,192,500	\$492,500	\$8,700,000
Athletic Field Restrooms	\$300,000	\$0	\$300,000	\$0	\$300,000
Community Running Track	\$100,000	\$0	\$100,000	\$0	\$100,000
Miracle Field	\$570,000	\$0	\$570,000	\$0	\$570,000
Ball Court Renovations	\$991,000	\$0	\$991,000	\$0	\$991,000
Holmes Run Share Use Path Crossing	\$750,000	\$750,000	\$0	\$0	\$0
Holmes Run Bike Trail Study	\$250,000	\$250,000	\$0	\$0	\$0
Mt Vernon Trail Safety @ Abingdon Dr	\$250,000	\$250,000	\$0	\$0	\$0
Old Cameron Run Channel Trail Study	\$210,000	\$210,000	\$0	\$0	\$0
Bike Trails	\$686,742	\$0	\$686,742	\$169,742	\$517,000
Ft Ward Park	\$347,000	\$0	\$347,000	\$8,000	\$339,000
Irrigation	\$780,250	\$0	\$780,250	\$229,250	\$551,000
Playground Renovations	\$3,164,666	\$0	\$3,164,666	\$0	\$3,164,666
Tree & Shrub Capital Maintenance	\$1,536,000	\$30,000	\$1,506,000	\$0	\$1,506,000
Pavement Improvements at Parks	\$3,000,000	\$0	\$3,000,000	\$0	\$3,000,000
Skate Park	\$100,000	\$0	\$100,000	\$0	\$100,000
Windmill Hill Bulkhead	\$6,284,953	\$0	\$6,284,953	\$784,953	\$5,500,000
<b>Open Space Acquisition &amp; Development</b>					
Open Space	\$10,131,061	\$0	\$10,131,061	\$10,131,061	\$0
<b>Subtotal Recreation &amp; Parks</b>	<b>\$72,687,672</b>	<b>\$1,490,000</b>	<b>\$71,197,672</b>	<b>\$11,940,506</b>	<b>\$59,257,166</b>

\* Unallocated balances as of January 2009

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## Summary Expenditure Tables

By Funding Source					
SECTION	TOTAL COST	NON-CITY REVENUE SOURCES	NET CITY COST	CITY UNALLOCATED BALANCE*	REMAINING CITY COST
<b><u>PUBLIC BUILDINGS</u></b>					
<b>Libraries</b>					
Library CFMP	\$115,000	\$0	\$115,000	\$115,000	\$0
<b>Preservation of Historic Facilities</b>					
OHA CFMP	\$1,782,760	\$0	\$1,782,760	\$60,260	\$1,722,500
Torpedo Factory Capital Maintenance	\$10,000	\$0	\$10,000	\$0	\$10,000
Payne St Historic Storage	\$35,000	\$0	\$35,000	\$35,000	\$0
<b>Public Safety Facilities</b>					
New Police Facility	\$78,925,465	\$0	\$78,925,465	\$797,265	\$78,128,200
Back-up Govt Operations Center	\$300,000	\$0	\$300,000	\$300,000	\$0
Fire Station CFMP	\$2,371,000	\$0	\$2,371,000	\$0	\$2,371,000
Fire Station 203 (Cameron Mills)	\$2,620,000	\$0	\$2,620,000	\$620,000	\$2,000,000
Fire Station 206 (Seminary Rd)	\$0	\$0	\$0	\$0	\$0
Fire Station 209 (Potomac Yard)	\$10,000	\$0	\$10,000	\$0	\$10,000
Fire Station 210 (Eisenhower Ave)	\$9,675,000	\$0	\$9,675,000	\$1,330,000	\$8,345,000
Fire Station Project TBD	\$0	\$0	\$0	\$0	\$0
Burn Building	\$50,000	\$0	\$50,000	\$50,000	\$0
Emergency Operations Center	\$75,000	\$0	\$75,000	\$75,000	\$0
Sheriff CFMP	\$2,874,000	\$1,298,622	\$1,575,378	\$0	\$1,575,378
Public Safety Center Slab	\$2,575,000	\$0	\$2,575,000	\$0	\$2,575,000
Pistol Range	\$0	\$0	\$0	\$0	\$0
Old Animal Shelter Re-use	\$128,298	\$0	\$128,298	\$128,298	\$0
Volta Lawson Animal Shelter	\$197,000	\$0	\$197,000	\$0	\$197,000
<b>Public Health &amp; Welfare Facilities</b>					
Flora Krause Casey Center	\$10,000	\$0	\$10,000	\$0	\$10,000
MH Residential Facilities	\$1,261,875	\$0	\$1,261,875	\$238,875	\$1,023,000
Safe Haven	\$1,205,000	\$0	\$1,205,000	\$1,205,000	\$0
Teen Center	\$0	\$0	\$0	\$0	\$0
<b>City Facility Maintenance &amp; Renovation</b>					
ADA Accessibility	\$239,588	\$0	\$239,588	\$25,588	\$214,000
City Government Complex - Business Center Drive	\$500,000	\$0	\$500,000	\$0	\$500,000
City Visitor Center Improvements	\$0	\$0	\$0	\$0	\$0
Elevator Replacement Program	\$950,000	\$0	\$950,000	\$0	\$950,000
Emergency Generators	\$565,000	\$0	\$565,000	\$565,000	\$0
Environmental Compliance (BMP's)	\$100,000	\$0	\$100,000	\$100,000	\$0
Energy Conservation	\$1,379,000	\$0	\$1,379,000	\$0	\$1,379,000
General Services CFMP	\$4,733,969	\$0	\$4,733,969	\$234,469	\$4,499,500
King Beaugard Office Complex	\$500,000	\$0	\$500,000	\$0	\$500,000
Market Square Renovations	\$300,000	\$0	\$300,000	\$0	\$300,000
Space Management Program	\$100,000	\$0	\$100,000	\$0	\$100,000
<b>Subtotal Public Buildings</b>	<b>\$113,587,955</b>	<b>\$1,298,622</b>	<b>\$112,289,333</b>	<b>\$5,879,755</b>	<b>\$106,409,578</b>

\* Unallocated balances as of January 2009

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## Summary Expenditure Tables

By Funding Source					
SECTION	TOTAL COST	NON-CITY REVENUE SOURCES	NET CITY COST	CITY UNALLOCATED BALANCE*	REMAINING CITY COST
<b><u>PUBLIC TRANSPORTATION &amp; TRAFFIC CONTROL</u></b>					
<b>Public Transportation</b>					
DASH Bus Facility	\$671,662	\$0	\$671,662	\$671,662	\$0
DASH Bus Program	\$29,992,117	\$0	\$29,992,117	\$0	\$29,992,117
Bicycle Rack Project	\$210,000	\$0	\$210,000	\$0	\$210,000
Transit Service Improvements	\$1,237,500	\$990,000	\$247,500	\$247,500	\$0
Bus Shelters	\$730,000	\$500,000	\$230,000	\$230,000	\$0
ADA Access	\$20,500	\$0	\$20,500	\$20,500	\$0
WMATA Capital	\$74,242,145	\$0	\$74,242,145	\$1,899,145	\$72,343,000
Potomac Yard BRT	\$8,500,000	\$0	\$8,500,000	\$0	\$8,500,000
Potomac Yard Metrorail Station	\$0	\$0	\$0	\$0	\$0
SAFETEA-LU Projects	\$10,610,113	\$10,610,113	\$0	\$0	\$0
<b>Traffic Control</b>					
Signal Optimization	\$193,000	\$193,000	\$0	\$0	\$0
Fixed Equipment Signs & Signals	\$5,195,500	\$0	\$5,195,500	\$742,500	\$4,453,000
School Flashing Signals	\$45,000	\$0	\$45,000	\$45,000	\$0
Duke Street Signal Optimization	\$10,000	\$0	\$10,000	\$0	\$10,000
<b>Subtotal Public Transportation &amp; Traffic</b>	<b>\$131,657,537</b>	<b>\$12,293,113</b>	<b>\$119,364,424</b>	<b>\$3,856,307</b>	<b>\$115,508,117</b>

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## Summary Expenditure Tables

By Funding Source					
SECTION	TOTAL COST	NON-CITY REVENUE SOURCES	NET CITY COST	CITY UNALLOCATED BALANCE*	REMAINING CITY COST
<b><u>STREET, BRIDGE, &amp; PEDESTRIAN IMPROVEMENTS</u></b>					
<b>Bridge Repair &amp; Maintenance</b>					
Bridge Repairs	\$4,459,000	\$0	\$4,459,000	\$1,010,000	\$3,449,000
4 Mile Run Ped and Bike Bridge	\$500,000	\$450,000	\$50,000	\$50,000	\$0
Wilkes Street Tunnel	\$915,000	\$0	\$915,000	\$0	\$915,000
Monroe Ave Bridge Ped Access	\$700,000	\$0	\$700,000	\$700,000	\$0
<b>Pedestrian &amp; Bike Improvements</b>					
Sidewalk, Curb, & Gutter	\$682,500	\$0	\$682,500	\$157,500	\$525,000
Edsall & South Pickett Ped Safety	\$120,000	\$120,000	\$0	\$0	\$0
Ped Improvements @ Transit	\$924,088	\$750,000	\$174,088	\$174,088	\$0
Wilkes Street Bikeway Safety	\$180,000	\$180,000	\$0	\$0	\$0
King St Metro Area Improvements	\$10,000	\$0	\$10,000	\$0	\$10,000
Safe Routes to School	\$150,000	\$0	\$150,000	\$0	\$150,000
On-street Ped & Bike Safety	\$781,250	\$0	\$781,250	\$30,000	\$751,250
<b>Street Improvements</b>					
Braddock Rd Improvements	\$200,000	\$0	\$200,000	\$200,000	\$0
Edsall Road	\$4,000,000	\$2,000,000	\$2,000,000	\$0	\$2,000,000
Eisenhower Ave Widening	\$17,107,000	\$16,747,200	\$359,800	\$359,800	\$0
King /Quaker / Braddock	\$598,000	\$448,000	\$150,000	\$150,000	\$0
King at Bradlee Shopping Center	\$50,000	\$0	\$50,000	\$0	\$50,000
King - Beaugard Intersection	\$9,779,262	\$9,347,000	\$432,262	\$432,262	\$0
Mill Road Slip Ramp	\$2,868,000	\$2,768,000	\$100,000	\$100,000	\$0
Madison Montgomery Reconstruction	\$7,100,000	\$0	\$7,100,000	\$350,000	\$6,750,000
Slaters Lane	\$756,650	\$456,650	\$300,000	\$300,000	\$0
Street Reconstructions & Extensions	\$1,075,024	\$0	\$1,075,024	\$550,024	\$525,000
iN-STEP (Traffic Calming etc)	\$3,788,000	\$0	\$3,788,000	\$645,000	\$3,143,000
Alley Rehab Program	\$1,887,000	\$0	\$1,887,000	\$315,000	\$1,572,000
Miscellaneous Undergrounding	\$288,000	\$0	\$288,000	\$0	\$288,000
King Street Paving	\$863,000	\$0	\$863,000	\$0	\$863,000
Washington Street Paving	\$2,150,000	\$1,000,000	\$1,150,000	\$1,150,000	\$0
Street Reconstructions TBD (rev. share)	\$8,000,000	\$4,000,000	\$4,000,000	\$0	\$4,000,000
<b>Subtotal Streets &amp; Bridges</b>	<b>\$69,931,774</b>	<b>\$38,266,850</b>	<b>\$31,664,924</b>	<b>\$6,673,674</b>	<b>\$24,991,250</b>

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## Summary Expenditure Tables

By Funding Source					
SECTION	TOTAL COST	NON-CITY REVENUE SOURCES	NET CITY COST	CITY UNALLOCATED BALANCE*	REMAINING CITY COST
<b>SEWERS</b>					
<b>Sanitary Sewers</b>					
Commonwealth Service Chamber	\$3,070,000	\$0	\$3,070,000	\$0	\$3,070,000
4 Mile Run San Sewer Repair	\$1,800,000	\$0	\$1,800,000	\$0	\$1,800,000
Reclaimed Water System	\$350,000	\$0	\$350,000	\$0	\$350,000
Sanitary Sewer Siphons Rebuild	\$2,087,000	\$0	\$2,087,000	\$0	\$2,087,000
Correction of Infiltration & Inflow	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$0
Hooffs Run Sanitary Sewer	\$721,500	\$0	\$721,500	\$60,000	\$661,500
Holmes Run Trunk Sewer	\$6,037,000	\$0	\$6,037,000	\$6,037,000	\$0
Mitigation of CSO's	\$3,570,690	\$0	\$3,570,690	\$1,712,690	\$1,858,000
Recon & Extension of San Sewers	\$8,511,050	\$0	\$8,511,050	\$1,861,000	\$6,650,050
Sanitary Sewer Capacity Study	\$1,998,000	\$0	\$1,998,000	\$380,000	\$1,618,000
Sewer Separation Projects	\$4,071,000	\$0	\$4,071,000	\$500,000	\$3,571,000
Street Reconst. Due to San Sewers	\$2,992,500	\$0	\$2,992,500	\$367,500	\$2,625,000
Holmes Run I&I	\$26,595,353	\$0	\$26,595,353	\$700,000	\$25,895,353
<b>Storm Sewers</b>					
Miscellaneous Storm Sewers	\$1,636,650	\$0	\$1,636,650	\$572,650	\$1,064,000
Key Drive Flood Mitigation	\$2,000,000	\$0	\$2,000,000	\$0	\$2,000,000
Taylor Run @ Janney's Lane	\$551,250	\$0	\$551,250	\$0	\$551,250
Oronoco Outfall	\$2,127,670	\$617,670	\$1,510,000	\$1,510,000	\$0
Storm & Combined Assessment	\$4,200,000	\$0	\$4,200,000	\$600,000	\$3,600,000
NPDES / MS4 Permit	\$175,000	\$0	\$175,000	\$175,000	\$0
Braddock & West Storm Sewer	\$200,000	\$0	\$200,000	\$200,000	\$0
Storm Sewer Capacity Analysis	\$2,482,500	\$0	\$2,482,500	\$787,500	\$1,695,000
Subtotal Sewers	\$76,177,163	\$617,670	\$75,559,493	\$16,463,340	\$59,096,153
<b>OTHER REGIONAL CONTRIBUTIONS</b>					
<b>Regional Capital Contributions</b>					
NVCC	\$820,392	\$0	\$820,392	\$0	\$820,392
NVRPA	\$2,159,172	\$0	\$2,159,172	\$0	\$2,159,172
Northern Va Juvenile Detention Home	\$10,000	\$0	\$10,000	\$0	\$10,000
Regional Jail	\$753,584	\$0	\$753,584	\$0	\$753,584
Subtotal Regional Contributions	\$3,743,148	\$0	\$3,743,148	\$0	\$3,743,148
<b>INFORMATION TECHNOLOGY PLAN</b>					
<b>IT Plan</b>					
Systems Development	\$10,511,665	\$0	\$10,511,665	\$1,640,165	\$8,871,500
Infrastructure Projects	\$9,467,000	\$0	\$9,467,000	\$1,389,500	\$8,077,500
Subtotal IT Plan	\$19,978,665	\$0	\$19,978,665	\$3,029,665	\$16,949,000
<b>Funding Sources Not Determined</b>					
	\$0	\$0	\$0	\$0	(\$72,620,093)
<b>TOTAL CAPITAL IMPROVEMENT PROGRAM</b>					
	<b>\$589,879,582</b>	<b>\$74,279,924</b>	<b>\$515,599,658</b>	<b>\$53,460,324</b>	<b>\$389,519,241</b>

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# Summary Expenditure Tables

TABLE 4  
Detail of Capital Improvement Program by Project  
FY 2010 - FY 2015

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>SCHOOLS</b>								
ACPS Funded Projects	\$214,980	\$10,635,677	\$3,957,739	\$16,890,714	\$14,974,499	\$8,112,634	\$8,780,659	\$63,351,922
ACPS Unfunded Projects	\$0	\$10,919,055	\$12,465,709	\$0	\$0	\$0	\$0	\$23,384,764
<b>Subtotal Requests</b>	<b>\$214,980</b>	<b>\$21,554,732</b>	<b>\$16,423,448</b>	<b>\$16,890,714</b>	<b>\$14,974,499</b>	<b>\$8,112,634</b>	<b>\$8,780,659</b>	<b>\$86,736,686</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$10,919,055</b>	<b>\$12,465,709</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,384,764</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$214,980</b>	<b>\$10,635,677</b>	<b>\$3,957,739</b>	<b>\$16,890,714</b>	<b>\$14,974,499</b>	<b>\$8,112,634</b>	<b>\$8,780,659</b>	<b>\$63,351,922</b>
<b>COMMUNITY DEVELOPMENT</b>								
<b>Citywide Amenities</b>								
City Wayfinding System	\$50,000	\$1,000,000	\$600,000	\$700,000	TBD	TBD	TBD	\$2,300,000
Residential Sign	\$24,000	\$120,000	\$60,000	\$60,000	\$0	\$0	\$0	\$240,000
Mt Vernon Ave Lighting	\$10,000	\$20,000	\$10,000	\$0	\$0	\$0	\$0	\$30,000
Crime Prevention Projects (street lighting)	\$275,000	\$0	\$0	\$58,000	\$60,000	\$64,000	\$67,000	\$249,000
<b>Neighborhood/Small Area Planning</b>								
King Street Plan Implementation	\$0	\$0	\$0	TBD	TBD	TBD	TBD	\$0
Downtown Trans & Parking	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Braddock Area Plan Implementation	\$100,000	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$450,000
Waterfront Plan Implementation	\$0	\$0	\$0	\$250,000	\$1,000,000	TBD	TBD	\$1,250,000
Landmark/Van Dorn Plan Implement.	\$0	\$0	\$0	TBD	TBD	TBD	TBD	\$0
Redevelopment of Arlandria	\$500,000	\$0	\$0	TBD	TBD	TBD	TBD	\$0
<b>Stream, Channel, &amp; Waterway Maintenance</b>								
Channel Restoration	\$922,500	\$496,000	\$521,000	\$243,000	\$255,000	\$268,000	\$281,000	\$2,064,000
Environmental Restoration	\$463,750	\$110,250	\$0	\$122,000	\$0	\$134,000	\$0	\$366,250
4 Mile Run Watershed Improvements	\$552,019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4 Mile Run Park/Stream Restoration	\$728,578	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4 Mile Run Channel Maintenance	\$700,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$300,000
Stream & Channel Maintenance	\$1,076,250	\$331,000	\$347,000	\$365,000	\$383,000	\$402,000	\$422,000	\$2,250,000
Flood of 2006 Restoration	\$0	\$695,000	\$729,000	\$766,000	\$804,000	\$0	\$0	\$2,994,000
City Marina Dredging	\$0	\$0	\$0	\$25,000	\$75,000	\$3,000,000	\$0	\$3,100,000
<b>Woodrow Wilson Bridge Projects</b>								
Woodrow Wilson Bridge Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Requests</b>	<b>\$5,402,097</b>	<b>\$2,922,250</b>	<b>\$2,467,000</b>	<b>\$2,789,000</b>	<b>\$2,677,000</b>	<b>\$3,968,000</b>	<b>\$780,000</b>	<b>\$15,603,250</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$1,300,250</b>	<b>\$770,000</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,770,250</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$5,402,097</b>	<b>\$1,622,000</b>	<b>\$1,697,000</b>	<b>\$2,089,000</b>	<b>\$2,677,000</b>	<b>\$3,968,000</b>	<b>\$780,000</b>	<b>\$12,833,000</b>

\* Unallocated Balance as of January 2009

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified. Funding to fully fund projects listed in FY 2012 – FY 2014 is not proposed. Reductions totaling \$72.6 million will have to be identified (\$32.5 million in FY 2012, \$26.4 million in FY 2013, and \$13.7 million in FY 2014). Total Funded City share 6-year plan proposed is \$389,519,241.



## Summary Expenditure Tables

### RECREATION & PARKS

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>Renovated or Expanded Rec Facilities</b>								
All City Sports	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Charles Houston Rec Center	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Chinquapin Rec Center	\$100,000	\$0	\$0	\$850,000	\$10,000,000	\$9,300,000	\$0	\$20,150,000
Patrick Henry	\$0	\$200,000	\$3,500,000	\$2,000,000	\$0	\$0	\$0	\$5,700,000
Pool Spray Areas	\$0	\$0	\$0	\$320,000	\$0	\$740,000	\$740,000	\$1,800,000
Cameron Station	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
<b>Recreation Facilities Maintenance</b>								
Rec Facilities Renovations (CFMP)	\$0	\$370,000	\$500,000	\$625,000	\$656,000	\$689,000	\$724,000	\$3,564,000
Public Pools	\$0	\$52,000	\$55,000	\$57,000	\$60,000	\$63,000	\$66,000	\$353,000
City Marina Maintenance	\$0	\$52,000	\$55,000	\$90,000	\$94,500	\$99,000	\$104,000	\$494,500
Warwick Pool	\$0	\$0	\$0	\$500,000	\$3,000,000	\$3,000,000	\$600,000	\$7,100,000
Fitness Room Renovations	\$0	\$0	\$0	\$140,000	\$120,000	\$0	\$0	\$260,000
<b>Park Maintenance &amp; Improvements</b>								
ADA Requirements for Parks	\$25,000	\$29,000	\$0	\$32,000	\$34,000	\$35,000	\$37,000	\$167,000
Athletic Field Improvements	\$492,500	\$937,000	\$0	\$1,700,000	\$2,000,000	\$2,500,000	\$2,500,000	\$9,637,000
Athletic Field Restrooms	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000	\$300,000
Community Running Track	\$0	\$0	\$0	\$100,000	TBD	\$0	\$0	\$100,000
Miracle Field	\$0	\$0	\$0	\$0	\$0	\$570,000	\$0	\$570,000
Ball Court Renovations	\$0	\$150,000	\$152,000	\$160,000	\$168,000	\$176,000	\$185,000	\$991,000
Holmes Run Share Use Path Crossing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Holmes Run Bike Trail Study	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Mt Vernon Trail Safety @ Abingdon Dr	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Old Cameron Run Channel Trail Study	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bike Trails	\$169,742	\$0	\$94,000	\$98,000	\$103,000	\$108,000	\$114,000	\$517,000
Ft Ward Park	\$8,000	\$0	\$30,000	\$82,000	\$83,000	\$85,000	\$89,000	\$369,000
Irrigation	\$229,250	\$0	\$0	\$128,000	\$134,000	\$141,000	\$148,000	\$551,000
Playground Renovations	\$0	\$521,320	\$193,346	\$500,000	\$600,000	\$650,000	\$700,000	\$3,164,666
Tree & Shrub Capital Maintenance	\$0	\$221,000	\$233,000	\$243,000	\$257,000	\$269,000	\$283,000	\$1,506,000
Pavement Improvements at Parks	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000	\$1,000,000	\$3,000,000
Skate Park	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000
Windmill Hill Bulkhead	\$784,953	\$0	\$0	\$0	\$500,000	\$5,000,000	\$0	\$5,500,000
<b>Open Space Acquisition &amp; Development</b>								
Open Space	\$10,131,061	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Requests</b>	<b>\$11,940,506</b>	<b>\$2,532,320</b>	<b>\$4,812,346</b>	<b>\$8,125,000</b>	<b>\$18,309,500</b>	<b>\$24,625,000</b>	<b>\$7,520,000</b>	<b>\$65,924,166</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$1,137,000</b>	<b>\$3,530,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,667,000</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$11,940,506</b>	<b>\$1,395,320</b>	<b>\$1,282,346</b>	<b>\$6,125,000</b>	<b>\$18,309,500</b>	<b>\$24,625,000</b>	<b>\$7,520,000</b>	<b>\$59,257,166</b>

\* Unallocated Balance as of January 2009

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## Summary Expenditure Tables

### PUBLIC BUILDINGS

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>Libraries</b>								
Library CFMP	\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Preservation of Historic Facilities</b>								
OHA CFMP	\$60,260	\$400,500	\$420,000	\$440,000	\$462,000	TBD	TBD	\$1,722,500
Torpedo Factory Capital Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Payne St Historic Storage	\$35,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Public Safety Facilities</b>								
New Police Facility	\$797,265	\$31,268,000	\$37,860,200	\$9,000,000	\$0	\$0	\$0	\$78,128,200
Back-up Govt Operations Center	\$300,000	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$600,000
Fire Station CFMP	\$0	\$260,000	\$273,000	\$437,000	\$452,000	\$467,000	\$482,000	\$2,371,000
Fire Station 203 (Cameron Mills)	\$620,000	\$0	\$2,000,000	TBD	\$0	\$0	\$0	\$2,000,000
Fire Station 206 (Seminary Rd)	\$0	\$0	\$0	TBD	TBD	TBD	TBD	\$0
Fire Station 209 (Potomac Yard)	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Fire Station 210 (Eisenhower Ave)	\$1,330,000	\$0	\$6,135,000	\$2,210,000	\$0	\$0	\$0	\$8,345,000
Fire Station Project TBD	\$0	\$0	\$0	TBD	TBD	TBD	TBD	\$0
Burn Building	\$50,000	\$0	\$0	TBD	TBD	TBD	TBD	\$0
Emergency Operations Center	\$75,000	\$0	TBD	TBD	\$0	\$0	\$0	\$0
Sheriff CFMP	\$0	\$231,563	\$243,563	\$255,563	\$267,563	\$281,563	\$295,563	\$1,575,378
Public Safety Center Slab	\$0	\$1,545,000	\$1,030,000	\$0	\$0	\$0	\$0	\$2,575,000
Pistol Range	\$0	\$1,435,000	\$0	\$0	\$0	\$0	\$0	\$1,435,000
Old Animal Shelter Re-use	\$128,298	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Vola Lawson Animal Shelter	\$0	\$29,000	\$30,000	\$32,000	\$34,000	\$35,000	\$37,000	\$197,000
<b>Public Health &amp; Welfare Facilities</b>								
Flora Krause Casey Center	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
MH Residential Facilities	\$238,875	\$150,000	\$158,000	\$166,000	\$174,000	\$183,000	\$192,000	\$1,023,000
Safe Haven	\$1,205,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Teen Center	\$0	\$0	\$0	\$0	TBD	\$0	\$0	\$0
<b>City Facility Maintenance &amp; Renovation</b>								
ADA Accessibility	\$25,588	\$21,000	\$0	\$45,000	\$47,000	\$49,000	\$52,000	\$214,000
City Govt Complex- Business Center Dr	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
City Visitor Center Improvements	\$0	\$0	\$0	\$0	TBD	TBD	\$0	\$0
Elevator Replacement Program	\$0	\$725,000	\$225,000	\$0	\$0	\$0	\$0	\$950,000
Emergency Generators	\$565,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Compliance (BMP's)	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Energy Conservation	\$0	\$203,000	\$213,000	\$223,000	\$235,000	\$246,000	\$259,000	\$1,379,000
General Services CFMP	\$234,469	\$661,500	\$695,000	\$729,000	\$766,000	\$804,000	\$844,000	\$4,499,500
King Beauregard Office Complex	\$0	\$0	\$0	\$500,000	TBD	TBD	TBD	\$500,000
Market Square Renovations	\$0	\$0	\$0	\$300,000	TBD	\$0	\$0	\$300,000
Space Management Program	\$0	\$100,000	\$0	TBD	TBD	TBD	TBD	\$100,000
<b>Subtotal Requests</b>	<b>\$5,879,755</b>	<b>\$37,479,563</b>	<b>\$49,582,763</b>	<b>\$14,337,563</b>	<b>\$2,937,563</b>	<b>\$2,065,563</b>	<b>\$2,191,563</b>	<b>\$108,594,578</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$1,885,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,185,000</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$5,879,755</b>	<b>\$35,594,563</b>	<b>\$49,282,763</b>	<b>\$14,337,563</b>	<b>\$2,937,563</b>	<b>\$2,065,563</b>	<b>\$2,191,563</b>	<b>\$106,409,578</b>

\* Unallocated Balance as of January 2009

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

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## Summary Expenditure Tables

### PUBLIC TRANSPORTATION & TRAFFIC CONTROL

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>Public Transportation</b>								
DASH Bus Facility	\$671,662	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DASH Bus Program	\$0	<b>\$2,777,000</b>	<b>\$8,328,750</b>	\$6,993,750	\$9,788,050	\$5,779,267	\$7,431,050	<b>\$41,097,867</b>
Bicycle Rack Project	\$0	\$0	\$0	\$210,000	\$0	\$0	\$0	<b>\$210,000</b>
Transit Service Improvements	\$247,500	<b>\$267,000</b>	\$0	\$0	\$0	\$0	\$0	<b>\$267,000</b>
Bus Shelters	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADA Access	\$20,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WMATA Capital	\$1,899,145	\$8,915,000	\$11,147,000	\$11,281,000	\$15,000,000	\$13,000,000	\$13,000,000	<b>\$72,343,000</b>
Potomac Yard BRT	\$0	\$0	\$0	\$8,500,000	\$0	\$0	\$0	<b>\$8,500,000</b>
Potomac Yard Metrorail Station	\$0	\$0	\$0	TBD	TBD	TBD	TBD	\$0
SAFETEA-LU Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Traffic Control</b>								
Signal Optimization	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fixed Equipment Signs & Signals	\$742,500	<b>\$937,000</b>	<b>\$984,000</b>	\$1,033,000	\$1,085,000	\$1,139,000	\$1,196,000	<b>\$6,374,000</b>
School Flashing Signals	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Duke Street Signal Optimization	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	<b>\$10,000</b>
<b>Subtotal Requests</b>	<b>\$3,856,307</b>	<b>\$12,896,000</b>	<b>\$20,459,750</b>	<b>\$28,017,750</b>	<b>\$25,873,050</b>	<b>\$19,918,267</b>	<b>\$21,637,050</b>	<b>\$128,801,867</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$3,981,000</b>	<b>\$9,312,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,293,750</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$3,856,307</b>	<b>\$8,915,000</b>	<b>\$11,147,000</b>	<b>\$28,017,750</b>	<b>\$25,873,050</b>	<b>\$19,918,267</b>	<b>\$21,637,050</b>	<b>\$115,508,117</b>

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## Summary Expenditure Tables

### STREETS, BRIDGES, & PEDESTRIAN IMPROVEMENTS

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>Bridge Repair &amp; Maintenance</b>								
Bridge Repairs	\$1,010,000	\$507,000	\$533,000	\$559,000	\$587,000	\$616,000	\$647,000	<b>\$3,449,000</b>
4 Mile Run Ped and Bike Bridge	\$0	<b>\$50,000</b>	\$0	\$0	\$0	\$0	\$0	<b>\$50,000</b>
Wilkes Street Tunnel	\$0	\$0	\$0	\$165,000	\$750,000	\$0	\$0	<b>\$915,000</b>
Monroe Ave Bridge Ped Access	\$700,000	<b>\$700,000</b>	\$0	\$0	\$0	\$0	\$0	<b>\$700,000</b>
<b>Pedestrian &amp; Bike Improvements</b>								
Sidewalk, Curb, & Gutter	\$157,500	<b>\$110,250</b>	<b>\$116,000</b>	\$122,000	\$128,000	\$134,000	\$141,000	<b>\$751,250</b>
Edsall & South Pickett Ped Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Ped Improvements @ Transit	\$174,088	<b>\$174,088</b>	\$0	\$0	\$0	\$0	\$0	<b>\$174,088</b>
Wilkes Street Bikeway Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
King St Metro Area Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	<b>\$10,000</b>
Safe Routes to School	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$0	<b>\$150,000</b>
On-street Ped & Bike Safety	\$30,000	\$110,250	\$116,000	\$122,000	\$128,000	\$134,000	\$141,000	<b>\$751,250</b>
<b>Street Improvements</b>								
Braddock Rd Improvements	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Edsall Road	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	<b>\$2,000,000</b>
Edsall Road - unfunded portion		<b>\$0</b>	<b>\$1,040,000</b>	\$0	\$0	\$0	\$0	<b>\$1,040,000</b>
Eisenhower Ave Widening	\$359,800	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
King /Quaker / Braddock	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
King at Bradlee Shopping Center	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	<b>\$50,000</b>
King - Beauregard Intersection	\$432,262	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Mill Road Slip Ramp	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Madison Montgomery Reconstruction	\$350,000	\$0	\$0	\$6,750,000	\$0	\$0	\$0	<b>\$6,750,000</b>
Slaters Lane	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Street Reconstructions & Extensions	\$550,024	<b>\$386,000</b>	<b>\$174,000</b>	\$122,000	\$128,000	\$134,000	\$141,000	<b>\$1,085,000</b>
iN-STEP (Traffic Calming etc)	\$645,000	<b>\$661,500</b>	<b>\$695,000</b>	\$729,000	\$766,000	\$804,000	\$844,000	<b>\$4,499,500</b>
Alley Rehab Program	\$315,000	<b>\$331,000</b>	<b>\$347,000</b>	\$365,000	\$383,000	\$402,000	\$422,000	<b>\$2,250,000</b>
Miscellaneous Undergrounding	\$0	\$0	\$0	\$91,000	\$96,000	\$101,000	\$0	<b>\$288,000</b>
King Street Paving	\$0	\$863,000	\$0	\$0	\$0	\$0	\$0	<b>\$863,000</b>
Washington Street Paving	\$1,150,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Street Reconstructions TBD (rev. share)	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	<b>\$4,000,000</b>
<b>Subtotal Requests</b>	<b>\$6,623,674</b>	<b>\$4,893,088</b>	<b>\$4,021,000</b>	<b>\$10,125,000</b>	<b>\$4,016,000</b>	<b>\$3,375,000</b>	<b>\$3,346,000</b>	<b>\$29,776,088</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$2,412,838</b>	<b>\$2,372,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,784,838</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$6,623,674</b>	<b>\$2,480,250</b>	<b>\$1,649,000</b>	<b>\$10,125,000</b>	<b>\$4,016,000</b>	<b>\$3,375,000</b>	<b>\$3,346,000</b>	<b>\$24,991,250</b>

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## Summary Expenditure Tables

### SEWERS

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>Sanitary Sewers</b>								
Commonwealth Service Chamber	\$0	\$370,000	\$0	\$2,700,000	\$0	\$0	\$0	<b>\$3,070,000</b>
4 Mile Run San Sewer Repair	\$0	\$0	\$300,000	\$0	\$1,500,000	\$0	\$0	<b>\$1,800,000</b>
Reclaimed Water System	\$0	\$350,000	TBD	TBD	TBD	\$0	\$0	<b>\$350,000</b>
Sanitary Sewer Siphons Rebuild	\$0	\$0	\$0	\$100,000	\$305,000	\$820,000	\$862,000	<b>\$2,087,000</b>
Correction of Infiltration & Inflow	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Hooffs Run Sanitary Sewer	\$60,000	\$0	\$661,500	\$0	\$0	\$0	\$0	<b>\$661,500</b>
Holmes Run Trunk Sewer	\$6,037,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Mitigation of CSO's	\$1,712,690	\$276,000	\$289,000	\$304,000	\$319,000	\$335,000	\$335,000	<b>\$1,858,000</b>
Recon & Extension of San Sewers	\$1,861,000	\$1,404,050	\$949,000	\$997,000	\$1,047,000	\$1,099,000	\$1,154,000	<b>\$6,650,050</b>
Sanitary Sewer Capacity Study	\$380,000	\$399,000	\$419,000	\$200,000	\$200,000	\$200,000	\$200,000	<b>\$1,618,000</b>
Sewer Separation Projects	\$500,000	\$525,000	\$551,000	\$579,000	\$608,000	\$638,000	\$670,000	<b>\$3,571,000</b>
Street Reconst. Due to San Sewers	\$367,500	\$386,000	\$405,000	\$425,000	\$447,000	\$469,000	\$493,000	<b>\$2,625,000</b>
Holmes Run I&I	\$700,000	\$1,035,000	\$7,908,669	\$0	\$8,720,684	\$0	\$8,231,000	<b>\$25,895,353</b>
<b>Storm Sewers</b>								
Miscellaneous Storm Sewers	\$572,650	<b>\$224,000</b>	<b>\$235,000</b>	\$247,000	\$259,000	\$272,000	\$286,000	<b>\$1,523,000</b>
Key Drive Flood Mitigation	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	<b>\$2,000,000</b>
Taylor Run @ Janney's Lane	\$0	\$551,250	\$0	\$0	\$0	\$0	\$0	<b>\$551,250</b>
Oronoco Outfall	\$1,510,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Storm & Combined Assessment	\$600,000	\$0	<b>\$450,000</b>	\$900,000	\$900,000	\$900,000	\$900,000	<b>\$4,050,000</b>
NPDES / MS4 Permit	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Braddock & West Storm Sewer	\$200,000	\$0	\$0	TBD	\$0	\$0	\$0	<b>\$0</b>
Storm Sewer Capacity Analysis	\$787,500	\$827,000	\$868,000	\$0	\$0	\$0	\$0	<b>\$1,695,000</b>
<b>Subtotal Requests</b>	<b>\$16,463,340</b>	<b>\$6,347,300</b>	<b>\$13,036,169</b>	<b>\$6,452,000</b>	<b>\$16,305,684</b>	<b>\$4,733,000</b>	<b>\$13,131,000</b>	<b>\$60,005,153</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$224,000</b>	<b>\$685,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$909,000</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$16,463,340</b>	<b>\$6,123,300</b>	<b>\$12,351,169</b>	<b>\$6,452,000</b>	<b>\$16,305,684</b>	<b>\$4,733,000</b>	<b>\$13,131,000</b>	<b>\$59,096,153</b>

\* Unallocated Balance as of January 2009

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

Funding to fully fund projects listed in FY 2012 – FY 2014 is not proposed. Reductions totaling \$72.6 million will have to be identified (\$32.5 million in FY 2012, \$26.4 million in FY 2013, and \$13.7 million in FY 2014). Total Funded City share 6-year plan proposed is \$389,519,241

## Summary Expenditure Tables

### OTHER REGIONAL CONTRIBUTIONS

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>Regional Capital Contributions</b>								
NVCC	\$0	\$136,732	\$136,732	\$136,732	\$136,732	\$136,732	\$136,732	<b>\$820,392</b>
NVRPA	\$0	\$359,862	\$359,862	\$359,862	\$359,862	\$359,862	\$359,862	<b>\$2,159,172</b>
Northern Va Juvenile Detention Home	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	<b>\$10,000</b>
Regional Jail	\$0	\$141,369	\$136,272	\$129,212	\$121,266	\$115,465	\$110,000	<b>\$753,584</b>
<b>Subtotal Requests</b>	<b>\$0</b>	<b>\$637,963</b>	<b>\$632,866</b>	<b>\$625,806</b>	<b>\$617,860</b>	<b>\$612,059</b>	<b>\$616,594</b>	<b>\$3,743,148</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$0</b>	<b>\$637,963</b>	<b>\$632,866</b>	<b>\$625,806</b>	<b>\$617,860</b>	<b>\$612,059</b>	<b>\$616,594</b>	<b>\$3,743,148</b>

### IT PLAN

PROJECT NAME	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
<b>Information Technology Plan</b>								
IT Plan Funded Projects	\$3,029,665	\$3,981,500	\$2,510,000	\$2,273,500	\$2,741,000	\$2,749,500	\$2,693,500	<b>\$16,949,000</b>
IT Plan Unfunded Projects		<b>\$600,000</b>	<b>\$305,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$905,000</b>
<b>Subtotal Requests</b>	<b>\$3,029,665</b>	<b>\$4,581,500</b>	<b>\$2,815,000</b>	<b>\$2,273,500</b>	<b>\$2,741,000</b>	<b>\$2,749,500</b>	<b>\$2,693,500</b>	<b>\$17,854,000</b>
<b>Less Unfunded</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$305,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$905,000</b>
<b>SUBTOTAL CITY SHARE</b>	<b>\$3,029,665</b>	<b>\$3,981,500</b>	<b>\$2,510,000</b>	<b>\$2,273,500</b>	<b>\$2,741,000</b>	<b>\$2,749,500</b>	<b>\$2,693,500</b>	<b>\$16,949,000</b>

	Unallocated Balance*	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
Total CIP Requests	\$53,410,324	\$93,844,716	\$114,250,342	\$89,636,333	\$88,452,156	\$70,159,023	\$60,696,366	\$517,038,936
Total Unfunded Requests	\$0	\$22,459,143	\$29,740,459	\$2,700,000	\$0	\$0	\$0	\$54,899,602
Total Expenditure Reductions TBD	\$0	\$0	\$0	(\$32,547,032)	(\$26,361,037)	(\$13,712,024)	\$0	(\$72,620,093)
<b>TOTAL FUNDED CAPITAL IMPROVEMENT PROGRAM</b>	<b>\$53,410,324</b>	<b>\$71,385,573</b>	<b>\$84,509,883</b>	<b>\$54,389,301</b>	<b>\$62,091,119</b>	<b>\$56,446,999</b>	<b>\$60,696,366</b>	<b>\$389,519,241</b>

\* Unallocated Balance as of January 2009

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified. Funding to fully fund projects listed in FY 2012 – FY 2014 is not proposed. Reductions totaling \$72.6 million will have to be identified (\$32.5 million in FY 2012, \$26.4 million in FY 2013, and \$13.7 million in FY 2014). Total Funded City share 6-year plan proposed is \$389,519,241

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# SUMMARY FUNDING TABLES

# Summary Funding Tables

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# Summary Funding Tables

TOTAL SOURCES AND USE OF CIP FUNDS (FY 2010 - FY2015)							
<b>ALL SOURCES</b>							
	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>TOTAL</u>
General Fund Planned Appropriations	\$ -	\$ 4,000,000	\$ 4,000,000	\$ 6,000,000	\$ 10,000,000	\$ 12,000,000	\$ 36,000,000
General Fund Balance	\$ 1,026,958	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,026,958
General Obligation Bonds	\$ 56,510,000	\$ 72,925,000	\$ 42,000,000	\$ 48,345,000	\$ 40,000,000	\$ 40,950,000	\$ 300,730,000
Open Space Trust Fund Account Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Interest Earnings	\$ 1,580,420	\$ 1,201,714	\$ 1,399,301	\$ 1,259,435	\$ 1,201,121	\$ 1,025,183	\$ 7,667,174
Bond Premiums	\$ 1,063,877	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,063,877
Sewer Fees	\$ 4,745,050	\$ 4,698,169	\$ 5,305,000	\$ 4,801,684	\$ 3,560,878	\$ 5,036,183	\$ 28,146,964
Transportation Funding (Vehicle Reg. Fee)	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 4,200,000
Prior Year Unallocated Funds	\$ 4,774,268	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,774,268
IT S Comcast Revenue	\$ 985,000	\$ 985,000	\$ 985,000	\$ 985,000	\$ 985,000	\$ 985,000	\$ 5,910,000
<b>Subtotal City Sources</b>	<b>\$ 71,385,573</b>	<b>\$ 84,509,883</b>	<b>\$ 54,389,301</b>	<b>\$ 62,091,119</b>	<b>\$ 56,446,999</b>	<b>\$ 60,696,366</b>	<b>\$ 389,519,241</b>
State Urban Funds	\$ 272,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 272,000
VDOT Revenue Sharing Funds	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,000,000
Federal SAFETEA-LU	\$ 2,902,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,902,700
Wilson Bridge Settlement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Non-City Sources	\$ 2,531,437	\$ 871,437	\$ 221,437	\$ 221,437	\$ 221,437	\$ 221,437	\$ 4,288,622
<b>Subtotal Non-City Sources</b>	<b>\$ 6,706,137</b>	<b>\$ 1,871,437</b>	<b>\$ 1,221,437</b>	<b>\$ 1,221,437</b>	<b>\$ 1,221,437</b>	<b>\$ 1,221,437</b>	<b>\$ 13,463,322</b>
<b>TOTAL ALL SOURCES</b>	<b>\$ 78,091,710</b>	<b>\$ 86,381,320</b>	<b>\$ 55,610,738</b>	<b>\$ 63,312,556</b>	<b>\$ 57,668,436</b>	<b>\$ 61,917,803</b>	<b>\$ 402,982,563</b>
<b>ALL USES</b>							
	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>TOTAL</u>
Schools	\$ 10,635,677	\$ 3,957,739	\$ 16,890,714	\$ 14,974,499	\$ 8,112,634	\$ 8,780,659	\$ 63,351,922
Community Development	\$ 1,622,000	\$ 1,697,000	\$ 2,089,000	\$ 2,677,000	\$ 3,968,000	\$ 780,000	\$ 12,833,000
Recreation & Parks	\$ 2,210,320	\$ 1,937,346	\$ 6,130,000	\$ 18,314,500	\$ 24,630,000	\$ 7,525,000	\$ 60,747,166
Public Buildings	\$ 35,811,000	\$ 49,499,200	\$ 14,554,000	\$ 3,154,000	\$ 2,282,000	\$ 2,408,000	\$ 107,708,200
Public Trans. & Traffic Control	\$ 11,817,700	\$ 11,147,000	\$ 28,017,750	\$ 25,873,050	\$ 19,918,267	\$ 21,637,050	\$ 118,410,817
Street, Bridge, & Pedestrian Improvements	\$ 5,252,250	\$ 2,649,000	\$ 11,125,000	\$ 5,016,000	\$ 4,375,000	\$ 4,346,000	\$ 32,763,250
Sewers	\$ 6,123,300	\$ 12,351,169	\$ 6,452,000	\$ 16,305,684	\$ 4,733,000	\$ 13,131,000	\$ 59,096,153
Other Regional Contributions	\$ 637,963	\$ 632,866	\$ 625,806	\$ 617,860	\$ 612,059	\$ 616,594	\$ 3,743,148
Information Technology Plan	\$ 3,981,500	\$ 2,510,000	\$ 2,273,500	\$ 2,741,000	\$ 2,749,500	\$ 2,693,500	\$ 16,949,000
Expenditure Reductions to-be-determined	\$ -	\$ -	\$ (32,547,032)	\$ (26,361,037)	\$ (13,712,024)	\$ -	\$ (72,620,093)
<b>TOTAL ALL USES</b>	<b>\$ 78,091,710</b>	<b>\$ 86,381,320</b>	<b>\$ 55,610,738</b>	<b>\$ 63,312,556</b>	<b>\$ 57,668,436</b>	<b>\$ 61,917,803</b>	<b>\$ 402,982,563</b>
% FROM GENERAL OBLIGATION BONDS	72.4%	84.4%	75.5%	76.4%	69.4%	66.1%	74.6%
% FROM CITY AND OTHER CASH SOURCE	27.6%	15.6%	24.5%	23.6%	30.6%	33.9%	25.4%

# Summary Funding Tables

## CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS

For the Six Fiscal Years Ending June 30, 2015

	Total FY 2010							
	<u>FY 2015</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	
<b>City Funded Sources</b>								
<b>Planned General</b>								
<b>Fund Appropriations:</b>								
	FY 2010	\$0	\$0					
	FY 2011	\$4,000,000		\$4,000,000				
	FY 2012	\$4,000,000			\$4,000,000			
	FY 2013	\$6,000,000				\$6,000,000		
	FY 2014	\$10,000,000					\$10,000,000	
	FY 2015	\$12,000,000						\$12,000,000
<b>General Obligation</b>								
<b>Bonds:</b>								
	FY 2010 (issuance spring 2009)	\$20,000,000	\$20,000,000					
	FY 2010 (issuance summer 2010)	\$36,510,000	\$36,510,000					
	FY 2011	\$72,925,000		\$72,925,000				
	FY 2012	\$42,000,000			\$42,000,000			
	FY 2013	\$48,345,000				\$48,345,000		
	FY 2014	\$40,000,000					\$40,000,000	
	FY 2015	\$40,950,000						\$40,950,000
	Comcast Revenues	\$5,910,000	\$985,000	\$985,000	\$985,000	\$985,000	\$985,000	\$985,000
	Bond Interest Earnings (Current Year)	\$7,667,175	\$1,580,420	\$1,201,714	\$1,399,301	\$1,259,435	\$1,201,121	\$1,025,183
	Bond Premium	\$1,063,877	\$1,063,877					
	General Fund Balances (Prior Years)	\$1,026,958	\$1,026,958					
	General Fund Balance (Current Year)	\$0	\$0					
	Reallocated Prior Year Balances	\$4,774,268	\$4,774,268					
	Sewer Fees	\$28,146,964	\$4,745,050	\$4,698,169	\$5,305,000	\$4,801,684	\$3,560,878	\$5,036,183
	Add-on Vehicle Decal Fee	\$4,200,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000
<b>TOTAL CITY-FUNDED SOURCES</b>								
		\$389,519,242	\$71,385,573	\$84,509,883	\$54,389,301	\$62,091,119	\$56,446,999	\$60,696,366
<b>Expenditure Reductions To Be Determined</b>								
		\$72,620,092	\$0	\$0	\$35,247,032	\$26,361,037	\$13,712,024	\$0
<b>TOTAL USES (Funded + Reductions TBD)</b>								
		\$462,139,334	\$71,385,573	\$84,509,883	\$86,936,333	\$88,452,156	\$70,159,023	\$60,696,366

# Summary Funding Tables

## CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS For the Six Fiscal Years Ending June 30, 2015

CITY FUNDED SOURCES:	Projected		Total
		Debt Service	General Fund
Planned Future General Fund Appropriations to Capital Projects Fund, FY 2010 - 2015			
FY 2010	\$0	\$37,252,967	\$37,252,967
FY 2011	\$4,000,000	\$38,523,581	\$42,523,581
FY 2012	\$4,000,000	\$43,083,603	\$47,083,603
FY 2013	\$6,000,000	\$47,095,530	\$53,095,530
FY 2014	\$10,000,000	\$48,771,689	\$58,771,689
FY 2015	\$12,000,000	\$54,372,243	\$66,372,243
<b>Total Planned Future Appropriations</b>	<b>\$36,000,000</b>	<b>\$269,099,613</b>	<b>\$305,099,613</b>
Planned General Obligation Bond Issues:			
FY 2009 (for FY 2010 spending)	\$20,000,000		
FY 2010	\$36,510,000		
FY 2011	\$72,925,000		
FY 2012	\$42,000,000		
FY 2013	\$48,345,000		
FY 2014	\$40,000,000		
FY 2015	\$40,950,000		
<b>Total General Obligation Bond Issues</b>	<b>\$300,730,000</b>		
Planned General Fund Open Space Trust Fund Account Transfers:			
FY 2010	\$0		
FY 2011	\$0		
FY 2012	\$0		
FY 2013	\$0		
FY 2014	\$0		
FY 2015	\$0		
<b>Total Open Space Trust Fund Account Transfers</b>		<b>\$0</b>	
Planned Other City Sources			
Bond Interest Earnings (Current Year)	\$7,667,174		
Miscellaneous (ARHA & Bond Premium)	\$1,063,877		
General Fund Balances (Prior Years)	\$1,026,958		
Sewer Fees	\$28,146,964		
Transportation Funding (State Veh. Reg. Fee)	\$4,200,000		
Comcast Revenues	\$5,910,000		
Reallocated Prior Year Balances	\$4,774,268		
<b>Total Planned Other City Sources</b>		<b>\$52,789,241</b>	
<b>TOTAL CITY SOURCES (FY 2010 - FY 2015)</b>		<b>\$389,519,241</b>	
Current City Sources (FY 2009 and prior)			
Capital Projects Fund Balances at 6/30/08	\$51,465,039		
General Fund Appropriation FY 2009	\$2,178,162		
General Fund Balances Designated for Subsequent Years' Capital Expenditures	\$7,350,000		
General Obligation Bonds (planned original FY '09 issuance)	\$52,725,000		
Bond Interest Earnings	\$2,500,436		
Sewer Fees	\$4,631,000		
Vehicle Registration (Decal) Fee	\$700,000		
Open Space (FY 2009 Transfer)	\$2,039,525		
<b>Total City-Funded Current Sources</b>		<b>\$123,589,162</b>	
<b>GRAND TOTAL CITY-FUNDED SOURCES</b>		<b>\$513,108,403</b>	
CITY FUNDED USES:			
Approved Capital Budgets through FY 2009:			
Prior Year Approved Projects	\$56,034,228		
FY 2009 Approved Capital Budget	\$67,554,934		
<b>Total Approved Capital Budgets</b>		<b>\$123,589,162</b>	
Proposed FY 2010 - 2015 City Funded CIP			
FY 2010 Proposed Capital Budget	\$71,385,573		
FY 2011 Proposed Capital Budget	\$84,509,883		
FY 2012 Proposed Capital Budget	\$54,389,301		
FY 2013 Proposed Capital Budget	\$62,091,119		
FY 2014 Proposed Capital Budget	\$56,446,999		
FY 2015 Proposed Capital Budget	\$60,696,366		
<b>Total Proposed FY 2010 - 2015 CIP</b>		<b>\$389,519,241</b>	
<b>TOTAL CITY FUNDED USES</b>		<b>\$513,108,403</b>	

# Summary Funding Tables

**Table 5**  
**Debt Service Indicators**

	Total Debt Service/1	Outstanding Debt/2	General Government Expenditures /3	Assessed Value of Real Property/4	Personal Income/5
FY 1996	10,112,095	44,725,000	312,902,626	10,926,409	4,675,304
FY 1997	9,289,745	37,610,000	326,248,912	11,163,428	4,937,063
FY 1998	8,827,610	30,585,000	354,805,740	11,605,290	5,378,238
FY 1999	6,350,549	65,710,000	380,736,909	12,187,519	5,775,230
FY 2000	8,866,071	114,690,000	393,588,056	13,295,308	6,211,938
FY 2001	12,382,315	107,875,000	401,555,221	14,632,349	6,931,579
FY 2002	16,015,996	153,925,000	452,671,072	16,132,989	7,039,735
FY 2003	17,483,024	143,615,000	488,044,085	19,225,926	7,280,299
FY 2004	18,682,768	197,520,000	516,275,303	22,757,185	7,979,004
FY 2005	22,682,247	241,890,000	545,688,442	27,359,650	8,587,266
FY 2006	26,845,017	287,859,512	623,774,871	32,906,719	9,004,910
FY 2007	30,976,096	264,878,536	689,280,260	34,243,031	9,585,727
FY 2008	30,519,320	310,407,561	688,844,141	35,522,197	10,204,006
FY 2009	32,156,705	372,736,585	747,270,756	34,379,163	10,204,006
FY 2010	37,252,967	352,775,610	733,287,196	32,660,205	10,357,066
FY 2011	38,523,581	361,036,303	760,034,504	31,680,399	10,688,492
FY 2012	43,083,603	409,454,244	784,004,734	31,680,399	11,377,900
FY 2013	47,095,530	415,732,619	808,138,825	32,630,811	12,111,775
FY 2014	48,771,689	436,011,726	811,633,517	34,588,659	12,892,984
FY 2015	54,372,243	435,924,988	825,155,834	36,663,979	13,724,582

/1 Excludes \$256,070 in debt service for Commonwealth Transportation Board issued transit bonds issued in 1999.

/2 Beginning in FY 2007, debt attributable to sanitary sewer capital projects is excluded because sanitary sewer systems are 100% self-supporting.

/3 General Government expenditures after FY 2010 are based on a long range forecast scenario.

/4 Presented on a calendar year basis. Uses mid range long range forecast scenario that assumes a 5.0% decline in FY 2010, another 3.0% decline in FY 2011, no growth in FY 2012, 3.0% growth for FY 2013, and 6.0% for FY 2014 and FY 2015.

/5 Total personal income through FY 2006 is from the U.S. Department of Commerce Bureau of Economic Analysis (BEA). Personal income estimates for FY 2010 is increased by 1.5%, another 3.2% in FY 2011, and 6.45% in FY 2012 and beyond annually.

# Summary Funding Tables

Table 5. (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/ <sup>1</sup>	Debt per Capita as a Percentage of Per Capita Income
Ceiling	10.00%	1.60%	An amount equal to 4.5% of total personal income
Target	8.00%	1.10%	An amount equal to 3.2 % of total personal income
FY 1996	3.23%	0.41%	0.91%
FY 1997	2.85%	0.34%	0.73%
FY 1998	2.49%	0.26%	0.55%
FY 1999	1.67%	0.54%	1.09%
FY 2000	2.25%	0.86%	1.85%
FY 2001	3.08%	0.74%	1.56%
FY 2002	3.54%	0.95%	2.19%
FY 2003	3.58%	0.75%	1.97%
FY 2004	3.62%	0.87%	2.48%
FY 2005	4.16%	0.88%	2.82%
FY 2006	4.34%	0.87%	3.20%
FY 2007	4.53%	0.77%	2.76%
FY 2008	4.47%	0.87%	3.04%
FY 2009	4.30%	1.08%	3.65%
FY 2010	5.08%	1.08%	3.41%
FY 2011	5.07%	1.14%	3.38%
FY 2012	5.50%	1.29%	3.60%
FY 2013	5.83%	1.27%	3.43%
FY 2014	6.01%	1.26%	3.38%
FY 2015	6.59%	1.19%	3.18%

<sup>1</sup> Includes general obligation bonds and term notes. In past years, total assessed value included real and personal property. Beginning in FY 2000 - FY 2005 CIP, this indicator has been revised per the debt policies adopted on December 9, 1997, to include only real property. Debt indicators exclude debt attributable to sanitary sewer capital projects beginning in FY 2007 because sanitary sewer systems become 100 percent self-supporting in that year.

# Summary Funding Tables

Table 5. (continued) Debt Service Indicators		
General Fund Balance as a Percentage of General Fund Revenue		
Fiscal Year	Unreserved	Undesignated
Floor	10.00%	4.00%
Target	N/A	5.50%
FY 1993	24.30%	7.60%
FY 1994	23.40%	7.60%
FY 1995	22.40%	6.60%
FY 1996	20.60%	5.50%
FY 1997	19.10%	6.70%
FY 1998	17.60%	7.60%
FY 1999	16.50%	6.90%
FY 2000	17.30%	6.50%
FY 2001	16.60%	6.70%
FY 2002	17.61%	6.79%
FY 2003	14.43%	7.27%
FY 2004	14.59%	6.90%
FY 2005	13.26%	5.89%
FY 2006	13.24%	5.61%
FY 2007	13.36%	5.42%
FY 2008	12.00%	5.20%

Source: Alexandria FY 2008 Comprehensive Annual Financial Report (CAFR)

# Summary Funding Tables

**Table 6: General Obligation Bond Repayment Schedules**

Table 7, below, summarizes the annual debt service for all currently outstanding general obligation bond issues of the City of Alexandria. Tables 7 through 13, 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.

City of Alexandria, Virginia Summary of Total General Obligation Debt Service			
Fiscal Year	Principal	Interest	Total
2010	\$19,465,000	\$13,356,137	\$32,821,137
2011	\$19,965,000	\$12,462,431	\$32,427,431
2012	\$20,525,000	\$11,586,643	\$32,111,643
2013	\$21,085,000	\$10,670,525	\$31,755,525
2014	\$21,095,000	\$9,732,294	\$30,827,294
2015	\$21,030,000	\$8,864,331	\$29,894,331
2016	\$20,985,000	\$7,963,713	\$28,948,713
2017	\$20,950,000	\$6,985,988	\$27,935,988
2018	\$20,895,000	\$6,038,176	\$26,933,176
2019	\$20,860,000	\$5,107,926	\$25,967,926
2020	\$18,825,000	\$4,190,456	\$23,015,456
2021	\$15,885,000	\$3,362,231	\$19,247,231
2022	\$13,055,000	\$2,654,456	\$15,709,456
2023	\$13,055,000	\$2,077,106	\$15,132,106
2024	\$9,755,000	\$1,494,019	\$11,249,019
2025	\$9,755,000	\$1,062,844	\$10,817,844
2026	\$7,015,000	\$687,706	\$7,702,706
2027	\$3,350,000	\$739,600	\$4,089,600
2028	\$3,350,000	\$446,550	\$3,796,550
2029	\$3,350,000	\$149,626	\$3,499,626
Total	\$304,250,000	\$109,632,758	\$413,882,758

# Summary Funding Tables

Table 7: General Obligation Bond Repayment Schedules

Table 7. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$58.0 MILLION - A (JULY, 2008) <sup>1</sup> Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$900,000	\$2,418,938	\$3,318,938
2011	\$1,900,000	\$2,371,688	\$4,271,688
2012	\$2,500,000	\$2,297,438	\$4,797,438
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	\$58,000,000	\$23,700,027	\$84,118,965

<sup>1</sup> Tax-exempt portion of bond issuance



# Summary Funding Tables

Table 8: General Obligation Bond Repayment Schedules

Table 8. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$5.0 MILLION - A (JULY, 2008) <sup>1</sup> Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$250,000	\$251,375	\$501,375
2011	\$250,000	\$239,500	\$489,500
2012	\$250,000	\$228,250	\$478,250
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	\$5,000,000	\$2,683,001	\$7,683,001

<sup>1</sup> Taxable portion of bond issuance for Glebe Park housing project

# Summary Funding Tables

Table 9: General Obligation Bond Repayment Schedules

Table 9. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$22.8 MILLION - A (MAY, 2007) <sup>1</sup> Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$0	\$1,025,650	\$1,025,650
2011	\$0	\$1,025,650	\$1,025,650
2012	\$0	\$1,025,650	\$1,025,650
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	\$8,924,100	\$31,739,100

<sup>1</sup> Tax exempt bond issuance refinanced prior City bond issuance

# Summary Funding Tables

Table 10: General Obligation Bond Repayment Schedules

Table 10. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$56.0 MILLION - A (JUNE, 2006) <sup>1</sup> Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$2,920,000	\$2,285,831	\$5,205,831
2011	\$2,920,000	\$2,139,831	\$5,059,831
2012	\$2,920,000	\$1,993,831	\$4,913,831
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	\$49,580,000	\$20,240,885	\$69,820,885

<sup>1</sup> Tax exempt portion of bond issuance

# Summary Funding Tables

Table 11: General Obligation Bond Repayment Schedules

Table 11. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$15.0 MILLION - A (JUNE, 2006) <sup>1</sup> Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$750,000	\$727,875	\$1,477,875
2011	\$750,000	\$686,625	\$1,436,625
2012	\$750,000	\$645,375	\$1,395,375
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	\$12,750,000	\$6,661,875	\$19,411,875

<sup>1</sup> Taxable portion of bond issuance (affordable housing)

# Summary Funding Tables

Table 12: General Obligation Bond Repayment Schedules

Table 12. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$54.8 MILLION - C (NOVEMBER, 2004) Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$2,745,000	\$1,719,425	\$4,464,425
2011	\$2,740,000	\$1,637,150	\$4,377,150
2012	\$2,740,000	\$1,527,550	\$4,267,550
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	\$43,845,000	\$14,539,200	\$58,384,200

# Summary Funding Tables

Table 13: General Obligation Bond Repayment Schedules

Table 13. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$32.5 MILLION - B (OCTOBER, 2004) Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$215,000	\$1,316,388	\$1,531,388
2011	\$3,205,000	\$1,310,206	\$4,515,206
2012	\$3,170,000	\$1,190,019	\$4,360,019
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	\$30,985,000	\$8,563,101	\$39,548,101

# Summary Funding Tables

Table 14: General Obligation Bond Repayment Schedules

Table 14. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$64.7 MILLION - (JANUARY 1, 2004) Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$3,800,000	\$2,000,875	\$5,800,875
2011	\$3,300,000	\$1,810,875	\$5,110,875
2012	\$3,300,000	\$1,645,875	\$4,945,875
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	\$46,700,000	\$14,450,125	\$61,150,125

# Summary Funding Tables

Table 15: General Obligation Bond Repayment Schedules

Table 15. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$54.5 MILLION - (JULY, 2001) Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$2,900,000	\$500,530	\$3,400,530
2011	\$2,900,000	\$380,905	\$3,280,905
2012	\$2,895,000	\$257,655	\$3,152,655
2013	\$2,895,000	\$130,275	\$3,025,275
Total	\$11,590,000	\$1,269,365	\$12,859,365



# Summary Funding Tables

Table 16: General Obligation Bond Repayment Schedules

Table 16. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$55.0 MILLION - (JUNE 15, 2000)* Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$2,985,000	\$149,250	\$3,134,250
Total	\$2,985,000	\$149,250	\$3,134,250

\* Reflects effects of General Obligation Bonds issued October, 2004.

# Summary Funding Tables

Table 17: General Obligation Bond Repayment Schedules

Table 17. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$34.0 MILLION - (JANUARY, 1999) Debt Outstanding at June 30, 2009			
Fiscal Year	Principal	Interest	Total
2010	\$2,000,000	\$960,000	\$2,960,000
2011	\$2,000,000	\$860,000	\$2,860,000
2012	\$2,000,000	\$775,000	\$2,775,000
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	\$20,000,000	\$5,365,000	\$25,365,000

# ALEXANDRIA CITY PUBLIC SCHOOLS (ACPS)

## Alexandria City Public Schools (ACPS)

On January 8, 2009, the School Board adopted its six-year Capital Improvement Program (CIP) request to the City, in the amount of \$82,314,893. The Board's adopted six-year CIP of \$82.3 million represents an increase of \$16.9 million, or 26 percent as compared to last year's adopted Schools' CIP which was approved as part of the City's FY 2009-FY 2014 Approved CIP.

The City's Proposed FY 2010-FY 2015 CIP includes a total of \$63,351,922 in funding for the Schools' CIP projects. The City's FY 2010 – 2015 proposed CIP funding for the Schools represents a decrease of \$1.9 million, or 3% when compared to last year's approved CIP. The City was unable to fund \$23,384,764 over two years (\$10.9 million in FY 2010 and \$12.4 million in FY 2011) of the School's total requests due to fiscal constraints. The CIP does not contain sufficient funding sources to fund all projects requested for FY 2012 – 2015 so inclusion of these projects does not necessarily mean they are funded.

Below, Table 1 shows funded ACPS projects by site or group for FY 2010 – 2015. Table 2 on the following page shows projects by group or site which are not funded in FY 2010 – 2015.

**Table 1: FUNDED ACPS CIP Projects  
FY 2010-FY 2015**

Subsection	Project	Unallocated Balance	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
	John Adams	\$0	\$4,205,162	\$0	\$1,078,018	\$0	\$0	\$86,697	\$5,369,877
	Charles Barrett	0	0	0	0	0	0	66,535	66,535
	Lyles Crouch	0	0	0	515,227	215,331	0	40,324	770,882
	Patrick Henry	0	0	0	460,000	0	0	86,697	546,697
	Jefferson-Houston	0	0	0	0	6,560,431	0	86,697	6,647,128
	Cora Kelly	0	0	0	672,750	587,267	0	86,697	1,346,714
	Douglas MacArthur	0	0	0	2,159,037	2,492,940	0	86,697	4,738,674
	George Mason	0	174,410	0	0	402,500	904,584	681,785	2,163,279
	Matthew Maury	0	0	0	126,500	499,177	452,292	60,487	1,138,456
	James Polk	210,965	81,358	0	0	0	0	86,697	168,055
	William Ramsay	0	0	0	0	0	0	906,042	906,042
	Mount Vernon	0	432,328	0	0	1,471,169	0	1,216,535	3,120,032
	Samuel Tucker	0	0	0	0	0	0	415,807	415,807
	F.C. Hammond	0	0	0	0	0	1,495,000	0	1,495,000
	George Washington	0	525,405	0	714,350	0	1,130,379	0	2,370,134
	Minnie Howard	4,015	2,992,044	0	6,001,942	0	0	1,219,296	10,213,282
	T.C. Williams	0	0	0	0	0	0	0	0
	Rowing Facility	0	0	0	738,096	0	0	0	738,096
	Maintenance & Transportation Facility	0	0	0	0	0	0	0	0
	Renovations of School Facilities	0	534,000	714,440	1,058,892	1,090,626	1,124,264	1,159,920	5,682,142
	Building Systems Modernization	0	1,159,880	2,870,000	2,012,237	833,448	1,112,372	700,000	8,687,937
	Bus and Vehicle Replacement	0	0	0	497,811	289,621	1,123,743	1,023,743	2,934,918
	City Mandates/Prerequisites	0	297,000	170,000	389,102	232,500	270,000	270,000	1,628,602
	FF&E	0	234,090	203,299	466,752	299,489	500,000	500,000	2,203,630

Total Expenditure Requests	\$214,980	\$10,635,677	\$3,957,739	\$16,890,714	\$14,974,499	\$8,112,634	\$8,780,659	\$63,351,922
Less Total Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>NET FUNDED</b>	<b>\$214,980</b>	<b>\$10,635,677</b>	<b>\$3,957,739</b>	<b>\$16,890,714</b>	<b>\$14,974,499</b>	<b>\$8,112,634</b>	<b>\$8,780,659</b>	<b>\$63,351,922</b>

Unfunded*	\$0	\$10,919,055	\$12,465,709	\$0	\$0	\$0	\$0	\$23,384,764
Total Requests**	\$214,980	\$21,554,732	\$16,423,448	\$16,890,714	\$14,974,499	\$8,112,634	\$8,780,659	\$86,736,686

\*NOTE: Table 2 on the following page includes information on unfunded projects.

\*\*Total requests differ from the School Board's CIP request which was presented to the Board on November 6, 2008. Total requests incorporate changes to the FY 2009 and FY 2010 plans which were made at the School Board's CIP budget work session on December 12, 2008.

## Alexandria City Public Schools (ACPS)

Table 2: *NOT FUNDED* ACPS CIP Projects  
FY 2010-FY 2015

Subsection	Project	Unallocated Balance	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
	John Adams	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Charles Barrett	0	294,909	2,155,269	0	0	0	0	2,450,178
	Lyles Crouch	0	0	0	0	0	0	0	0
	Patrick Henry	0	0	789,806	0	0	0	0	789,806
	Jefferson-Houston	0	0	0	0	0	0	0	0
	Cora Kelly	0	1,198,685	2,133,492	0	0	0	0	3,332,177
	Douglas MacArthur	0	0	0	0	0	0	0	0
	George Mason	0	126,095	591,600	0	0	0	0	717,695
	Matthew Maury	0	133,136	0	0	0	0	0	133,136
	James Polk	0	3,148,543	0	0	0	0	0	3,148,543
	William Ramsay	0	0	1,466,853	0	0	0	0	1,466,853
	Mount Vernon	0	0	0	0	0	0	0	0
	Samuel Tucker	0	0	325,946	0	0	0	0	325,946
	F.C. Hammond	0	3,037,719	0	0	0	0	0	3,037,719
	George Washington	0	0	1,377,292	0	0	0	0	1,377,292
	Minnie Howard	0	518,094	1,689,500	0	0	0	0	2,207,594
	T.C. Williams	0	0	0	0	0	0	0	0
	Rowing Facility	0	62,182	126,540	0	0	0	0	188,722
	Maintenance & Transportation Facility	0	1,160,692	1,369,386	0	0	0	0	2,530,078
	Renovations of School Facilities	0	0	0	0	0	0	0	0
	Building Systems Modernization	0	150,000	150,000	0	0	0	0	300,000
	Bus and Vehicle Replacement	0	489,000	95,506	0	0	0	0	584,506
	City Mandates/Prerequisites	0	100,000	100,000	0	0	0	0	200,000
	FF&E	0	500,000	94,519	0	0	0	0	594,519
<b>Total Expenditure Requests</b>		<b>\$0</b>	<b>\$10,919,055</b>	<b>\$12,465,709</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,384,764</b>
<b>Less Total Revenue</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>NET UNFUNDED</b>		<b>\$0</b>	<b>\$10,919,055</b>	<b>\$12,465,709</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,384,764</b>

## Alexandria City Public Schools (ACPS)

The two tables below provide an individual list of projects that are not funded in FY 2010 and FY 2011. The total amount for these unfunded projects is \$23.3 million. These projects were not funded due to fiscal constraints.

Group	Project	FY 2010
Elementary	Charles Barrett Roof	\$60,265
	Charles Barrett Playground	\$234,644
	Cora Kelly Elevator	\$481,452
	Cora Kelly Playground	\$183,062
	Cora Kelly Office Renovations	\$534,171
	George Mason Elevator	\$126,095
	James Polk Elevator	\$445,836
	James Polk Fire Alarm	\$325,707
	James Polk Gym	\$1,393,476
	James Polk Playground	\$206,112
	James Polk Parking	\$204,617
	James Polk Sprinkler	\$572,795
	Matthew Maury Playground	\$133,136
	Secondary	FC Hammond Roof
FC Hammond Elevator		\$529,000
FC Hammond Artificial Turf Field		\$1,381,830
FC Hammond Track		\$291,117
Minnie Howard Fire Alarm		\$518,094
Division-wide	Rowing Facility	\$62,182
	Maintenance Shop Bus Lifts	\$600,000
	Maintenance Shop HVAC	\$560,692
	Food Service Equipment	\$100,000
	Master Key Project	\$50,000
	School Bus Replacement Program	\$489,000
	Emergency Generators	\$100,000
	Systemwide FF&E - Improve	\$500,000
<b>NET UNFUNDED</b>		<b>\$10,919,055</b>

Group	Project	FY 2011
Elementary	Charles Barrett Fire Alarm	\$273,673
	Charles Barrett Roof	\$409,421
	Charles Barrett Expansion	\$990,887
	Charles Barrett Sprinkler	\$481,288
	Patrick Henry Fire Alarm	\$286,305
	Patrick Henry Sprinkler	\$503,501
	Cora Kelly Fire Alarm	\$311,567
	Cora Kelly Expansion	\$1,273,997
	Cora Kelly Sprinkler	\$547,928
	George Mason Fire Alarm	\$214,455
	George Mason Sprinkler	\$377,145
	William Ramsay Elevator	\$1,243,268
	William Ramsay Playground	\$223,585
Samuel Tucker HVAC Controls	\$325,946	
Secondary	George Washington Artificial Turf	\$1,377,292
	Minnie Howard Green Roof	\$568,116
	Minnie Howard Lighting	\$776,425
	Minnie Howard Plumbing	\$344,959
Division-wide	Rowing Facility	\$126,540
	Maintenance Shop Roof	\$191,296
	Maintenance Shop Fire Alarm	\$77,050
	Maintenance Shop Plumbing	\$261,594
	Maintenance Shop Storage	\$137,724
	Maintenance Shop Office	\$566,221
	Maintenance Shop Sprinkler	\$135,501
	Food Service Equipment	\$100,000
	Master Key Project	\$50,000
	School Bus Replacement Program	\$95,506
Systemwide FF&E - Improve	\$94,519	
Emergency Generators	\$100,000	
<b>NET UNFUNDED</b>		<b>\$12,465,709</b>

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# COMMUNITY DEVELOPMENT

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## Community Development

Subsection	Project	Unallocated Balance	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
<b>City-wide Amenities</b>									
	Coordinated Sign & Wayfinding System	\$50,000	\$1,000,000	\$600,000	\$700,000	TBD	TBD	TBD	\$2,300,000
	Residential Sign Program	24,000	120,000	60,000	60,000	0	0	0	\$240,000
	Mount Vernon Avenue Lighting	10,000	20,000	10,000	0	0	0	0	\$30,000
	Crime Prevention Projects (Street Lighting)	275,000	0	0	58,000	60,000	64,000	67,000	\$249,000
<b>Neighborhood Planning</b>									
	King Street Plan	\$0	\$0	\$0	TBD	TBD	TBD	TBD	\$0
	Downtown Transportation and Parking	0	0	0	0	0	0	10,000	\$10,000
	Braddock Area Plan Implementation	100,000	50,000	100,000	100,000	100,000	100,000	0	\$450,000
	Waterfront Plan Implementation	0	0	0	250,000	1,000,000	0	0	\$1,250,000
	Landmark/Van Dorn Area Plan	0	0	0	TBD	TBD	TBD	TBD	\$0
	Redevelopment of Arlandria	500,000	0	0	TBD	TBD	TBD	TBD	\$0
<b>Stream &amp; Channel Maintenance</b>									
	Channel Restoration	\$922,500	\$496,000	\$521,000	\$243,000	\$255,000	\$268,000	\$281,000	\$2,064,000
	Environmental Restoration	463,750	110,250	0	122,000	0	134,000	0	\$366,250
	Four Mile Run Watershed Improvements	552,019	0	0	0	0	0	0	\$0
	Four Mile Run Park & Stream Restoration	728,578	0	0	0	0	0	0	\$0
	Four Mile Run Channel Maintenance	700,000	100,000	100,000	100,000	0	0	0	\$300,000
	Stream and Channel Maintenance	1,076,250	331,000	347,000	365,000	383,000	402,000	422,000	\$2,250,000
	Flood of 2006 Restoration	0	695,000	729,000	766,000	804,000	0	0	\$2,994,000
	City Marina Waterfront Dredging	\$0	\$0	\$0	\$25,000	\$75,000	\$3,000,000	\$0	\$3,100,000
<b>Woodrow Wilson Bridge Project</b>									
	Woodrow Wilson Bridge Project	\$20,313,669	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditure Requests</b>		<b>\$25,715,766</b>	<b>\$2,922,250</b>	<b>\$2,467,000</b>	<b>\$2,789,000</b>	<b>\$2,677,000</b>	<b>\$3,968,000</b>	<b>\$780,000</b>	<b>\$15,603,250</b>
<b>Less Total Revenues</b>		<b>\$20,313,619</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Subtotal Requests</b>		<b>\$5,402,147</b>	<b>\$2,922,250</b>	<b>\$2,467,000</b>	<b>\$2,789,000</b>	<b>\$2,677,000</b>	<b>\$3,968,000</b>	<b>\$780,000</b>	<b>\$15,603,250</b>
<b>Subtotal Unfunded</b>		<b>\$0</b>	<b>\$1,300,250</b>	<b>\$770,000</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,770,250</b>
<b>NET FUNDED CITY SHARE</b>		<b>\$5,402,147</b>	<b>\$1,622,000</b>	<b>\$1,697,000</b>	<b>\$2,089,000</b>	<b>\$2,677,000</b>	<b>\$3,968,000</b>	<b>\$780,000</b>	<b>\$12,833,000</b>

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

# Community Development

## Coordinated Sign & Wayfinding System

**Subsection:** City-wide Amenities  
**Managing Department:** Planning & Zoning/T&ES  
**Phase:** Phase 2 (Alternatives Analysis)

**Estimated Useful Life of Improvement:** Not Applicable  
**Priority:** Desirable

**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.

**Changes from Prior Year:** \$50,000 in prior year unallocated balances remains for this project. Funding for this project in the amount of \$2.3 million is planned over three years (\$1 million in FY 2010, \$600,000 in FY 2011, and \$700,000 in FY 2012). However, due to fiscal constraints this project remains unfunded.

**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.

**Schedule:** This project is currently in Phase 2 (Alternatives Analysis), which is expected to be completed by the end of 2008. Work sessions with the City Council, Planning Commission, and two Boards of Architectural Review were held in January 2009. Implementation would be phased in over time depending on the availability of funding. No funds have been approved for the fabrication and installation of the signs in this CIP. Implementation would include the fabrication and installation of the wayfinding signs and will be coordinated with the Braddock, King Street, Waterfront, and Landmark/Van Dorn improvements.

**Customer Service Level Impact:** A well-designed and implemented wayfinding program will provide a comprehensive wayfinding program for vehicles 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.

**Operating Impact:** This project will have no impact on the operating budget.

Coordinated Sign System	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	50,000	1,000,000	600,000	700,000	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	50,000	0	0	0	TBD	TBD	TBD	0
<b>Capital Performance Measures</b>								
On-time (within projected time period)								
On-budget (within projected range of costs)								
Creates a City-wide framework that directs the type and placement of signage and is sustainable as well as expandable								
Projects a consistent image for the City								

# Community Development

## Residential Sign Program

**Subsection:** City-wide Amenities  
**Managing Department:** Planning & Zoning/T&ES

**Estimated Useful Life of Improvement:** Not Applicable  
**Priority:** Desirable

**Project Summary:** The program as currently contemplated is proposed as a joint project working with the civic associations and representatives in the individual neighborhoods. In the first year, a pilot program of four neighborhoods will be conducted. This pilot program will be funded from \$24,000 in remaining unallocated balance. In future years, provided funding is available, it is envisioned that staff will work with residents and community groups to specifically design the signs for six neighborhoods per year. This program would provide for up to two signs per neighborhood, at a projected cost of \$6,000 per neighborhood.

**Changes from Prior Year:** Funding in the amount of \$180,000 has been planned for two years (\$120,000 in FY 2010 and \$60,000 in FY 2011) but this remains unfunded. A total of \$60,000 is currently funded in FY 2012 to provide identity signage at prominent entrances to residential neighborhoods. In addition, \$24,000 in prior year unallocated balance remains for this project.

**Project History:** This program was initiated due to the number of community requests that were made for such signage.

**Operating Impact:** This project will have no impact on the operating budget.

Residential Sign Program	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	24,000	120,000	60,000	60,000	0	0	0	60,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	24,000	0	0	60,000	0	0	0	60,000

## Mt. Vernon Avenue Lighting

**Subsection:** Neighborhood Planning  
**Managing Department:** Planning & Zoning

**Estimated Useful Life of Improvement:** Not estimated  
**Priority:** Desirable

**Project Summary:** This project provides a matching grant program to support the installation of building-mounted lights along Mt. Vernon Avenue. Grant funding will consist of funds from the city and private sector. The provision of pedestrian-scale lighting has been rated as a top priority for residents and businesses in the area. Ideally, this program will encourage private participation in order to improve pedestrian lighting.

**Changes from Prior Year:** \$30,000 is proposed over two years (\$20,000 in FY 2010 and \$10,000 FY 2011) but remains unfunded due to a lack of available funding. \$10,000 in prior year unallocated balance remains for this project.

**Operating Impact:** This project will have no impact on the operating budget.

Mt. Vernon Ave. Lighting	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	10,000	20,000	10,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	10,000	0	0	0	0	0	0	0

# Community Development

## Crime Prevention Projects – including street lighting

**Subsection:** City-wide Amenities

**Estimated Useful Life of Improvement:** 20 years

**Managing Department:** T&ES

**Priority:** Essential

**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.

**Changes from Prior Year:** Funding totaling \$249,000 has been planned for FY 2012 – 2015, and \$275,000 remains in unallocated prior year funds for this project.

**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. Additional funds will be used in FY 2009 to increase lighting in five areas throughout the City as defined in the Inner-City Walk of September 2007.

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. Funding is currently planned for FY 2012 – 2015 to begin to address street lighting deficiencies.

**Operating Impact:** This project will have no impact on the operating budget.

Crime Prevention Projects	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	275,000	0	0	58,000	60,000	64,000	67,000	249,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	275,000	0	0	58,000	60,000	64,000	67,000	249,000

## King Street Plan Implementation

**Subsection:** Neighborhood Planning

**Estimated Useful Life of Improvement:** Not Applicable at this time

**Managing Department:** Planning & Zoning

**Priority:** Highly Desirable

**Project Summary:** This project provides a placeholder of a to-be-determined amount four years (FY 2012 – 2015) to assist in the implementation of the King Street Retail Strategy. Improvements could include new street furniture, improved sidewalks, new plantings, opportunities to coordinate with the wayfinding program, and other improvements for King Street. A streetscape plan would need to be coordinated with T&ES and RPCA.

**Changes from Prior Year:** This is a new project in the CIP.

**Operating Impact:** Specific operating impact estimates will be developed as the details of this plan implementation become available. Elements such as improved sidewalks and new plantings will likely impact the level of maintenance required by the City.

King Street Plan	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	TBD	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	TBD	TBD	TBD	TBD	0

# Community Development

## Downtown Transportation & Parking

Subsection: Neighborhood Planning  
 Managing Department: T&ES

Estimated Useful Life of Improvement: Not Applicable at this time  
 Priority: Highly Desirable

**Project Summary:** Although there are no new parking projects currently being planned, a nominal sum remains budgeted as a placeholder in the out-year (FY 2015) of the capital improvement program to allow for additional parking facility projects to be included as appropriate projects are identified and brought forward for City Council's consideration.

**Changes from Prior Year:** There are no changes in placeholder funding for this capital project.

**Project History:** Commercial development and redevelopment in Alexandria's downtown areas have created increasing pressures for transportation and parking improvements. In response to these pressures, many actions have been taken, including the modification of parking regulations and fees, the construction of parking facilities to support the redevelopment of the Torpedo Factory and the construction of a privately operated parking garage on City-owned property at Cameron and Columbus Streets, which was completed in the spring of 1995. Additionally, a parking garage at Queen and Lee Streets was completed in the spring of 1998. The garage was constructed by the private developer of townhouse units, under which the garage is located, and subsequently purchased by the City.

**Operating Impact:** This project has the potential to impact the City's operating budget; however, accurate estimates of these impacts cannot be formed until specific tasks are planned.

Downtown Trans. & Parking	Unallocated Balance	FY 2010							Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015		
Expenditures	0	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	0	10,000	10,000

## Braddock Area Plan Implementation

Subsection: Neighborhood Planning  
 Managing Department: Planning & Zoning

Estimated Useful Life of Improvement: Not Applicable at this time  
 Priority: Highly Desirable

**Project Summary:** This project provides \$300,000 in funding over three years (FY 2012 – 2014) 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 include but not limited to new street furniture, improved sidewalks, new plantings and other improvements. \$150,000 remains unfunded in FY 2010 and FY 2011 due to fiscal constraints.

Overall City investment in the Braddock Area Plan Implementation is likely to exceed the amount current programmed and more detailed cost implications will be developed as specific projects are brought forward for consideration.

**Changes from Prior Year:** This is a new project not previously listed in the CIP.

**Operating Impact:** Specific operating impact estimates will be developed as the details of this plan implementation become available. Elements such as improved sidewalks and new plantings will likely impact the level of maintenance required by the City.

Braddock Area Plan	Unallocated Balance	FY 2010							Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015		
Expenditures	100,000	50,000	100,000	100,000	100,000	100,000	100,000	0	300,000
Less Revenues	0	0	0	0	0	0	0	0	0
Net City Share	100,000	0	0	100,000	100,000	100,000	100,000	0	300,000

## Community Development

### Waterfront Plan Implementation

**Subsection:** Neighborhood Planning  
**Managing Department:** Planning & Zoning

**Estimated Useful Life of Improvement:** Not Applicable at this time  
**Priority:** Highly Desirable

**Project Summary:** This project provides both funding and placeholders for funding over four years (FY 2012 – 2015) to assist in the implementation of the Alexandria Waterfront Plan. This project is part of a new planning process for Alexandria's waterfront that is to be initiated in early 2009. The Waterfront Plan will cover the area from Jones Point Park in the South to Daingerfield Island in the North. This project would encompass the implementation of specific elements of the Waterfront Plan (which is still under development), including but not limited to, a comprehensive plan for flood mitigation in the lower King Street commercial area, upgrades to the utilities at the City Marina, as well as upgrades to City Marina's seawalls.

In prior years the Community Development section of the CIP contained a subsection for projects related to improvements at the Potomac Waterfront. Since the development of a new Waterfront Area Plan is underway, several projects that provided for improvements at the waterfront have been absorbed into this overarching Waterfront Area Plan Implementation Project.

**Changes from Prior Year:** A total of \$1.25 million is planned over two years (\$250,000 in FY 2012 and \$1 million in FY 2013) for upgrades to the utilities at the City Marina. Funding for other portions of the Waterfront Plan will be determined once specific projects and their associated costs are identified.

#### Project Details:

**Lower King Street Flood Mitigation (Funding TBD):** This project provides for a comprehensive plan for flood mitigation in the lower King Street commercial and retail area. The lower portion of King Street, at the intersection with Union Street, frequently exhibits flooding problems due to a combination of high tides, south winds, and the peak of water moving south down the Potomac River. Each major flood event severely disrupts business in this area for approximately three days and causes extensive damage to property. In addition to the business impact, the City's involvement in preparation and clean up extends to approximately one workweek per flooding event. This cost is estimated to be approximately \$32,000 per flooding event for maintenance, public safety personnel, and material costs for sand bags and equipment. This cost excludes lost wages, business revenues, and the costs of water damage to businesses. The completed study will address alternative methods for mitigating the impact of such flooding and minimizing the number of events, recommend the flood level to which mitigation will protect, and include cost estimates for recommended mitigation efforts. There have been no changes in funding for this capital project. \$500,000 was allocated in 2005 to perform this study and a consultant was hired in the spring 2006. The study and development of recommendations is planned for completion in 2009.

**City Marina Utility Upgrades (\$1,250,000):** The existing Marina electrical service was designed to meet the needs of boats built in the late 1980's. The current electrical service does not meet the needs of the contemporary boats visiting the Marina today. This has resulted in electrical breakers consistently tripping and boats incurring damage to their electrical systems when plugged into the insufficient electrical shore power supply available at the docking locations. Future funding for this new project will include an evaluation of the existing system, the design and upgrade to the facility and piers electrical service, and replacement of pier utility pedestals. A total of \$1.25 million is planned for this project over two years (\$250,000 in FY 2012 and \$1,000,000 in FY 2013).

**City Marina Seawall Upgrades (Funding TBD):** The seawalls at the City Marina have suffered 20+ years of erosion and environmental damage due to tidal change and the absence of a breakwater. The aforementioned condition has allowed surrounding water to wash away soils, resulting in dangerous voids in the seawalls that require repair. During the 2008 marina dredging project, areas on the North and South seawall were too tenuous to allow dredging within a reasonable vicinity of the seawalls. If the seawalls are to withstand future storms and daily stresses they must be repaired. This new project includes funding to evaluate the condition of the existing seawalls in order to determine the level of needed repair. It is currently anticipated that the seawalls will require new cladding, caps, and hardware, as well as, soil stabilization, footer repair, sidewalk/walkway renovation, and utility relocation. Future funding for these repairs has not been determined at this time.

**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

## Community Development

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 were approved by Council.

**Operating Impact:** The operating impact for this project is unknown at this time.

Waterfront Plan	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Plan Implement.	0	0	0	TBD	TBD	TBD	TBD	0
Marina Utilities	0	0	0	250,000	1,000,000	0	0	1,250,000
Marina Seawall	0	0	0	TBD	TBD	TBD	TBD	0
Lower King St Food Mitigation	0	0	0	TBD	TBD	TBD	TBD	0
<b>Total</b>								
Expenditures	0	0	0	250,000	1,000,000	0	0	1,250,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	250,000	1,000,000	0	0	1,250,000

### Landmark/Van Dorn Area Plan Implementation

**Subsection:** Neighborhood Planning

**Estimated Useful Life of Improvement:** Not Applicable at this time

**Managing Department:** Planning & Zoning

**Priority:** Highly Desirable

**Project Summary:** This project provides a to-be-determined funding amount over four years (FY 2012 – 2015) for improvements 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 project remains undetermined at this time but it is anticipated that the project will be funded by the city and developer contributions. Future improvements as a result of the plan could include new street furniture, wider sidewalks, new plantings and other improvements for the Landmark/Van Dorn area.

**Changes from Prior Year:** In the FY 2009 – 2014 CIP this project was listed as Landmark Redevelopment. Funding remains undetermined at this time.

**Project History:** General Growth Properties (GGP) who manages the mall and owns a large portion of the mall along with Sears and Macy's, has been planning a major redevelopment of this key 55 acre site. Previously discussed plans called for a mixed-use town center with major anchor stores, rejuvenated retail, movie theatres, residential units, as well as possible office space.

It remains to be seen whether the new infrastructure and public amenities that will be part of the redevelopment plan will require City funding. GGP has previously indicated that it believes City funding will be needed to make the project financially feasible. The City has indicated that when actual financial projections of the project are developed, the issue of potential City funding will be clarified. If City capital funding were to be provided, it may take the form of Tax Increment Financing (TIF). Some of the new tax revenues, generated by a redeveloped project, would finance some of the project infrastructure through the issuance of TIF bonds whose debt service would be paid by project generated tax revenues. It is too early in the project's planning phases to determine if TIF or any other kind of City funding will be necessary.

**Operating Impact:** Any financing plan, including that using a TIF, would result in net new tax revenues being generated for the City's General Fund. These funds would be used to offset any operating costs that might be incurred by the City.

Landmark/Van Dorn Area Plan	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	TBD	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	TBD	TBD	TBD	TBD	0

# Community Development

## Redevelopment of Arlandria

**Subsection:** Neighborhood Planning

**Estimated Useful Life of Improvement:** 40+ years

**Managing Department:** Planning & Zoning/T&ES

**Priority:** Essential

**Project Summary:** This project provides for redevelopment work in key commercial areas of Arlandria as a part of the overall revitalization of this neighborhood. \$500,000 in prior year balance remains unallocated for this project. Placeholders for future investment in Arlandria are programmed in FY 2012 – FY 2015.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** The planning of this project began in 2001 as a part of the Upper Potomac West Task Force Report. The concept was to redevelop the block known as the “Safeway-Datatel” block (corner of Mt. Vernon Ave. and West Glebe Rd.) as the keystone in the entire Arlandria revitalization process. Pedestrian improvements were made in the Arlandria area (Landover Path) and the old Datatel Building was demolished and a surface parking lot was constructed in its place in FY 2005. A feasibility study has been completed for the Plan-recommended improvements to the gateway into the City of Alexandria, connections to Four Mile Run Park, and pedestrian safety improvements. Pedestrian improvements at Russell Road and Mount Vernon Avenue were completed. Additional revitalization projects are planned for the area which includes: pedestrian bulb-outs and crosswalks along Mount Vernon Avenue and East Glebe Road, installation of speed tables on Four Mile Run and Old Dominion Boulevards, installation of pavers along sidewalks on Bruce Street, Gateway improvements, and connections to Four Mile Run Park and improvements to the Commonwealth Avenue/Mount Vernon Avenue intersection. Short and long term safety improvements are planned at the intersection of Mount Vernon Avenue and West Glebe Road and Mount Vernon Avenue and West Reed Avenue. These improvements may include reallocation of existing travel lanes, new medians or crosswalk, driveway consolidations and/or elimination of turn lanes to reduce pedestrian crossing distance.

**Operating Impact:** This project will have no impact on the operating budget.

Redevelop. of Arlandria	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	500,000	0	0	TBD	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	500,000	0	0	TBD	TBD	TBD	TBD	0

## Channel Restoration

**Subsection:** Stream & Channel Maintenance

**Estimated Useful Life of Improvement:** 5 years

**Managing Department:** T&ES

**Priority:** Essential

**Project Summary:** This project includes funds for the assessment of City streams and flood control channel projects. Erosion damage, stream corridor condition, grade control structures, and storm sewer discharge points will be evaluated and repairs will be prioritized. Designs and construction for stream stabilization/restoration and City stormwater discharge modifications will be accomplished with these monies. These funds are specifically programmed for channel restoration of Holmes, Cameron, and Backlick Runs beyond the scope of normal channel maintenance work and include such tasks as stream bank restoration, stabilization projects, and restoring washouts. In addition, these funds are also designated to serve as matching funds for the Water Quality STAG Grants from the United States Army Corps of Engineers and State grants. A total of \$2.1 million is planned over six years (FY 2010 – FY 2015) for this project. In addition, \$922,500 in prior-year unallocated balances remains.

**Changes from Prior Year:** Starting in FY 2012 annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent per year to account for increases in costs.



## Community Development

**Project History:** In the past, funds have been used to supplement stream maintenance efforts and stabilize stream banks. Many of the City's major floodways are in need of structural maintenance/restoration such as replacing weirs, stabilizing stream and floodway banks, and stabilizing outfalls. The Cameron/Holmes Run Feasibility Study is also likely to identify projects that will require significant alterations to those floodways. In addition, there are a number of much small tributaries that have severe erosion that require stabilization/restoration. These funds will be used for the study, design and construction for these projects. Following the June/July 2006 floods, a total of \$990,000 (including \$200,000 in allocated balance, \$590,000 in unallocated balance, and \$200,000 in planned FY 2007 funding) was reprogrammed from this project to help mitigate the June/July 2006 flood damage.

**Operating Impact:** This project will have no impact on the operating budget.

Channel Restoration	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	922,500	496,000	521,000	243,000	255,000	268,000	281,000	2,064,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	922,500	496,000	521,000	243,000	255,000	268,000	281,000	2,064,000

### Environmental Restoration

**Subsection:** Stream & Channel Maintenance  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Highly Desirable

**Project Summary:** This program provides for various projects within the City that will enhance the local environment City-wide, including stormwater, air, and groundwater, in areas that are significantly contributing pollutants to the environment. 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. Projects that may be included under this program include stream restoration; water quality improvement structures; wetland enhancement; riparian buffer planting; green roofs on City buildings if found to be feasible; invasive species removal and identification of potential environmental enhancement project locations. These projects are being implemented based on their benefit to water quality. Fees collected in lieu of water quality improvements required under the Chesapeake Bay Ordinance from private developments are used to supplement these projects. A total of \$256,000 is planned over two years (\$122,000 in FY 2012; and \$134,000 in FY 2014) for this project. Funding for FY 2010 (\$110,250) is unfunded due to fiscal constraints. A total of \$463,750 remains as an unallocated balance.

**Changes from Prior Year:** The previously budgeted money for FY 2010 is unfunded at this time. Funding that was budgeted for FY 2012 has been moved up to FY 2011. Funding for FY 2014 remains unchanged.

**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 Building.

**Operating Impact:** This project will have no impact on the operating budget.

Environmental Restoration	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	463,750	110,250	0	122,000	0	134,000	0	256,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	463,750	0	0	122,000	0	134,000	0	256,000

# Community Development

## Four Mile Run Watershed Improvements

**Subsection:** Stream & Channel Maintenance  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** Not Estimated  
**Priority:** Essential

**Project Summary:** This project provides for stormwater improvements in the highly urbanized Four Mile Run watershed outside the limits of the stream corridor. The City received State and Tribal Assistance Grant (STAG) funding in 2004 through 2006. Staff proposes to use the 2004 money for a green roof and bioretention retrofit project at Cora Kelly Magnet Elementary School, which is located in the watershed and in close proximity to Four Mile Run. Plans for the 2005 and 2006 monies are underway, and a portion of this funding may be used in conjunction with the Four Mile Run stream restoration project, managed by the Department of Recreation, Parks, and Cultural Activities. Improvements inside the Four Mile Run Channel are funded by the separate Four Mile Run Park & Stream Restoration project.

**Changes from Prior Year:** There has been no change in funding for this project.

**Operating Impact:** This project will have no impact on the operating budget.

4 Mile Run Watershed Improvements	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	552,019	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	552,019	0	0	0	0	0	0	0

## Four Mile Run Park & Stream Restoration

**Subsection:** Stream & Channel Maintenance  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** Not Estimated  
**Priority:** Essential

**Project Summary:** This project provides for restoration work along the highly urbanized Four Mile Run channel. A State and Tribal Assistance (STAG) grant award is anticipated from the FY 2007 Federal year in the amount of \$700,000 to be split equally between Arlington and Alexandria. This will require a match of \$286,364, which is budgeted in FY 2009. Additionally, 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. This portion of the project will require a local match in the amount of \$400,000.

**Changes from Prior Year:** No additional funding for this project is currently planned for FY 2010 – 2015. Funding for the required City matches will be provided for through the use of unallocated monies. The current balance of unallocated monies is \$728,578.

**Project History:** In 2006, a \$1.5 million State and Tribal Assistance Grant (STAG) was awarded to the City and Arlington County to develop and implement innovative ways to restore the urbanized stream channel. This grant required an equal match of \$600,000 from both the City and Arlington County. The City's match of \$600,000 remains in unallocated prior year balances. Considerable work has already begun with the initial \$1.0 million Environmental Protection Agency (EPA) grant that was awarded to the City.

**Operating Impact:** This project will have no impact on the operating budget.

4 Mile Run Park & Stream	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	728,578	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	728,578	0	0	0	0	0	0	0

# Community Development

## Four Mile Run Channel Maintenance

**Subsection:** Stream & Channel Maintenance  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 3 years  
**Priority:** Essential

**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. According to the agreement, the City's share should be budgeted at \$100,000 per year, up to a maximum of \$900,000. 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. This project funds routine maintenance in the channel. Improvements to the channel beyond routine maintenance are funded by the Four Mile Run Park & Stream restoration project.

A total of \$300,000 is planned over three years (\$100,000 in FY 2010, FY 2011, and FY 2012) for this project. In addition, \$700,000 remains in unallocated prior year balances.

**Changes from Prior Year:** Funding for FY 2010 has been decreased by \$100,000 and that money has been shifted to FY 2012.

**Project History:** 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:** This project will have no impact on the operating budget.

4 Mile Run Channel Maint.	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	700,000	100,000	100,000	100,000	0	0	0	300,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	700,000	100,000	100,000	100,000	0	0	0	300,000

## Stream & Channel Maintenance

**Subsection:** Stream & Channel Maintenance  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** Varies  
**Priority:** Essential

**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. A total of \$2.25 million over six years (FY 2010 – FY 2015) is planned for on-going maintenance to keep the streams and channels clear of debris and siltation and maintain the 100-year flood capacity. Projects for improvements to channels beyond the level of routine maintenance are funded from the Channel Restoration project. In addition, \$1,076,250 remains in unallocated prior-year balances for this project.

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent per year to account for increases in costs.

**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.

**Operating Impact:** This project will have no impact on the operating budget.

Stream/Channel Maintenance	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	1,076,250	331,000	347,000	365,000	383,000	402,000	422,000	2,250,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,076,250	331,000	347,000	365,000	383,000	402,000	422,000	2,250,000

# Community Development

## Flood of 2006 Restoration

**Subsection:** Stream & Channel Maintenance  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** Varies  
**Priority:** Essential

**Project Summary:** This project provides \$3.0 million in funding over four years (FY 2010 – FY 2013) for long-term flood cleanup and prevention issues, which were identified by Engineering, Maintenance, and Environmental Quality staff after the flood events of June/July 2006. Full costs associated with the 2006 flooding will be better known after cleanup work and weir repair is completed. Several other capital projects had funding reprogrammed in FY 2007 to help quickly mitigate the flood damage.

**Changes from Prior Year:** There have been no changes in funding for this capital project.

**Project History:** In September 2007, funds were allocated for the replacement of Cameron Run Weir #4 that was destroyed during the flood events of June/July 2006. \$2.5 million has been spent as of November 2008 for the debris removal in Cameron and Holmes Run and the repair of Cameron Run weirs.

**Operating Impact:** This project will have no impact on the operating budget.

Flood of 2006 Restoration	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	695,000	729,000	766,000	804,000	0	0	2,994,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	695,000	729,000	766,000	804,000	0	0	2,994,000

## City Marina Waterfront Dredging

**Subsection:** Potomac Waterfront Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 5 years  
**Priority:** Essential

**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 six years. The work is necessary to prevent the accumulation of silt at the marina causing a loss of usable slip space.

**Changes from Prior Year:** Total funding for this project remains unchanged, however, \$25,000 from FY 2013 was shifted forward to FY 2012.

**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 \$1,428,000 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 allows for the docking of water taxis coming from the National Harbor and other large ships, which brings additional visitors to the downtown area. Funds are requested in 2012 – 2014 for the next dredging cycle.

**Operating Impact:** This project will have no impact on the operating budget.

City Marina Dredging	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	25,000	75,000	3,000,000	0	3,100,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	25,000	75,000	3,000,000	0	3,100,000

# Community Development

## Woodrow Wilson Bridge Project

Subsection: Woodrow Wilson Bridge Project  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years  
 Priority: Essential

**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, streetscape improvements on South Washington Street, and local neighborhood traffic improvements. 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 a result of escalation of the costs for acquisition of property for both the Freedman's Cemetery Enhancements and the Recreation project at Witter Drive, funding within the settlement agreement has been reallocated among the elements of the agreement. Funding was reprogrammed from the Streetscape element to the Recreation project to cover additional acquisition costs. Funding was also reprogrammed from the Streetscape element to cover additional acquisition costs for the Freedman's Cemetery project. \$20,313,669 remains unallocated for the remaining elements of these projects.

**Changes from Prior Year:** There have been no changes in funding for this capital project.

### Project Details:

**Recreation (\$23,025,000):** The recreational outdoor facilities will be located at a to-be-named site (now commonly referred to as the Witter Recreational Fields) that were 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 is contemplated to include a maximum of one baseball field, two multi-purpose playing fields, a maintenance/concession building with public restrooms, and a paved parking lot to accommodate site uses. This recreational facility is currently under design and construction is anticipated to be completed in 2010.

**Freedmen's Cemetery Enhancements (\$9,625,000):** The two improved commercial properties on the site of the Freedmen's Cemetery were acquired and enhanced to complement the features outlined in the Agreement, including a fitting memorial to Freedmen's Cemetery. Enhancements would include careful and reasonable re-grading of the acquired properties consistent with the need to preserve existing grave sites, appropriate landscaping, probably pathways and benches, fencing erected to minimize any effect on historic and archeological resources, and other approved amenities, provided that none of these improvements conflicts with or adversely affects existing historic and archeological resources. A national design competition was held in 2008 and a winning concept was selected. The design is currently underway and construction is anticipated to be completed in 2011.

**Streetscape Improvements and Gateway (\$950,000):** The City's objective for this project is to provide a Gateway to Alexandria from the south along the George Washington Memorial Parkway. This Gateway is located along South Washington Street immediately north of the Hunting Creek Bridge. Additional monies will be used to provide pedestrian and traffic calming improvements in the area north of the Washington Street Urban Deck.

**Equipment (\$300,000):** 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.

**Operating Impacts:** When completed, the City will incur to-be-determined operating expenditures to maintain the above facilities.

Wilson Bridge Project	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	20,313,669	0	0	0	0	0	0	0
Less Revenues	20,313,669	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	0	0

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# RECREATION & PARKS

## Recreation and Parks

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## Recreation and Parks

Subsection	Project	Unallocated Balance	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010- FY2015
<b>Renovated or Expanded Rec Facilities</b>									
	All-City Sports Facility	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
	Charles Houston Recreation Center	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
	Chinquapin Recreation Center	100,000	0	0	850,000	10,000,000	9,300,000	0	\$20,150,000
	Patrick Henry Recreation Center	500,000	<i>200,000</i>	<i>3,500,000</i>	<i>2,000,000</i>	0	0	0	\$0
	Spray Areas	0	0	0	320,000	0	740,000	740,000	\$1,800,000
	Cameron Station	0	0	0	0	0	0	10,000	\$10,000
<b>Recreation Facilities Maintenance</b>									
	Rec Facilities Renovations (CFMP)	\$0	\$370,000	\$500,000	\$625,000	\$656,000	\$689,000	\$724,000	\$3,564,000
	Public Pools	0	52,000	55,000	57,000	60,000	63,000	66,000	\$353,000
	City Marina Maintenance	0	52,000	55,000	90,000	94,500	99,000	104,000	\$494,500
	Warwick Pool	0	0	0	500,000	3,000,000	3,000,000	600,000	\$7,100,000
	Fitness Room Renovations	0	0	0	140,000	120,000	0	0	\$260,000
<b>Park Improvements</b>									
	ADA Requirements	\$25,000	\$29,000	\$0	\$32,000	\$34,000	\$35,000	\$37,000	\$167,000
	Athletic Field Improvements	492,500	<i>937,000</i>	0	1,700,000	2,000,000	2,500,000	2,500,000	\$8,700,000
	Athletic Field Restrooms	0	0	0	0	0	150,000	150,000	\$300,000
	Community Running Track	0	0	0	100,000	TBD	0	0	\$100,000
	Miracle Field	0	0	0	0	0	570,000	0	\$570,000
	Ball Court Renovations	0	150,000	152,000	160,000	168,000	176,000	185,000	\$991,000
	Holmes Run Shared Use Path Crossing	0	100,000	650,000	0	0	0	0	\$750,000
	Holmes Run Bike Trail Study	0	250,000	0	0	0	0	0	\$250,000
	Mt Vernon Trail Safety @ Abingdon Dr	0	250,000	0	0	0	0	0	\$250,000
	Old Cameron Run Channel Trail Study	0	210,000	0	0	0	0	0	\$210,000
	Bike Trails	169,742	0	94,000	98,000	103,000	108,000	114,000	\$517,000
	Ft Ward Park	8,000	0	<i>30,000</i>	82,000	83,000	85,000	89,000	\$339,000
	Irrigation Projects	229,250	0	0	128,000	134,000	141,000	148,000	\$551,000
	Playground Renovations	0	521,320	193,346	500,000	600,000	650,000	700,000	\$3,164,666
	Tree & Shrub Capital Maintenance	0	226,000	238,000	248,000	262,000	274,000	288,000	\$1,536,000
	Pavement Improvements at Parks	0	0	0	500,000	500,000	1,000,000	1,000,000	\$3,000,000
	Skate Park	0	0	0	0	0	50,000	50,000	\$100,000
	Windmill Hill Park Bulkhead	784,953	0	0	0	500,000	5,000,000	0	\$5,500,000
<b>Open Space Acquisition &amp; Development</b>									
	Open Space Acquisition & Development	\$10,131,061	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditure Requests</b>		<b>\$12,440,506</b>	<b>\$3,347,320</b>	<b>\$5,467,346</b>	<b>\$8,130,000</b>	<b>\$18,314,500</b>	<b>\$24,630,000</b>	<b>\$7,525,000</b>	<b>\$67,414,166</b>
<b>Less Total Revenues</b>		<b>\$0</b>	<b>\$815,000</b>	<b>\$655,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$1,490,000</b>
<b>Subtotal Requests</b>		<b>\$12,440,506</b>	<b>\$2,532,320</b>	<b>\$4,812,346</b>	<b>\$8,125,000</b>	<b>\$18,309,500</b>	<b>\$24,625,000</b>	<b>\$7,520,000</b>	<b>\$65,924,166</b>
<b>Subtotal Unfunded</b>		<b>\$0</b>	<b>\$1,137,000</b>	<b>\$3,530,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,667,000</b>
<b>NET FUNDED CITY SHARE</b>		<b>\$12,440,506</b>	<b>\$1,395,320</b>	<b>\$1,282,346</b>	<b>\$6,125,000</b>	<b>\$18,309,500</b>	<b>\$24,625,000</b>	<b>\$7,520,000</b>	<b>\$59,257,166</b>

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

# Recreation and Parks

## All-City Sports Facility

**Subsection:** Renovated / Expanded Recreation Facilities **Estimated Useful Life of Improvement:** 40 years

**Managing Department:** Recreation/General Services **Priority:** Desirable

**Phase:** N/A - Project Cancelled

**Project Summary:** Based upon the Council decision in FY 2008 to not proceed with fundraising, this project has been eliminated from the FY 2010 – FY 2015 CIP and the fundraising entity – the Alexandria Capital Development Foundation – was eliminated. \$10,000 has been included in FY 2015 in case this project rises on the City's priority list.

The \$1.4 million in prior year balances associated with this project have been used to help offset other CIP needs.

**Project History:** On October 25, 2005, City Council approved a concept plan for a City-wide sports complex, which includes a rectangular multi-use and synthetic turf field, stadium seating, men's and women's restroom/locker facilities, public restrooms, press box, concession area, two lighted ball fields, and on-site parking. Since that time, outside consultants have been retained and have worked with City and School staff, as well as the parks and recreation community, in refining project plans. The plans continue to include the rectangular synthetic field and two lighted ball fields. Currently, fixed seating for 2,000 persons with end zone turnaround spectator spaces and future fixed seating expansion are contemplated for a total spectator capacity of 3,000. The current design reflects 150 parking spaces, as well as other necessary facilities (restrooms, etc.). The total cost of this project was estimated at \$11.8 million, which was significantly higher than the estimate when the project was initiated.

All-City Sports Facility	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

## Charles Houston Recreation Center

**Subsection:** Renovated / Expanded Recreation Facilities **Estimated Useful Life of Improvement:** 40 years

**Managing Department:** Recreation/General Services **Priority:** Essential

**Project Summary:** On October 25, 2005, City Council reviewed and approved a design concept for the construction of a new one-story, 30,000 square foot facility, which included a new outdoor swimming pool, expanded gymnasium, incorporation of "Green" technology, and an emergency back-up generator to allow alternative use of the facility as an emergency shelter. The new facility presents opportunities for greater parking capacity and improved facility management. Construction began in 2007 with completion projected for February 2009.

**Changes from Prior Year:** \$10,000 has been added in the out-year (FY 2015) as a placeholder in the event that further capital improvements are required for this project.

**Project History:** In FY 2007, \$3.0 million (\$1.25 million in unallocated balance and \$1.75 million in FY 2008) originally intended for the Patrick Henry Recreation Center renovation project was reprogrammed to this project in order to help complete it more quickly. To date, a total of \$15.3 million has been allocated for the planning, design, and construction of this facility including extensive utility undergrounding.

**Operating Impact:** When the facility is reopened in FY 2009, RPCA operating costs are projected to increase by \$255,000 annually.

Charles Houston Rec Center	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

# Recreation and Parks

## Chinquapin Park and Recreation Center

**Subsection:** Renovated / Expanded Recreation Facilities    **Estimated Useful Life of Improvement:** 40 years

**Managing Department:** Recreation/General Services    **Priority:** Highly Desirable

**Phase:** Initial Concept (Phase 0)

**Project Summary:** \$20.15 million (\$850,000 in FY 2012, \$10,000,000 in FY 2013, and \$9,300,000 in FY 2014) is planned in this CIP for the expansion and renovation of the Chinquapin Park and Recreation Center. Initially, this project was scheduled to begin upon completion of construction of the new T.C. Williams High School. The high school construction was completed on schedule and opened for educational use in the fall 2007 (FY 2008). However, due to overall CIP funding constraints, the planned start date for the Chinquapin project has been moved to FY 2012. The program planning phase for the Chinquapin project is expected to start in FY 2012 and will continue into FY 2013, allowing time for citizen and stakeholder input. Design documents will be prepared and permits obtained in FY 2013, the bidding process and construction will follow in FY 2013 and FY 2014. It should also be noted that the \$20.15 million is a “placeholder” until an actual program and design are developed for the project. The unallocated balance of \$100,000 will be used to begin the planning stages of this project in FY 2011.

**Changes from Prior Year:** There have been no changes in funding for this project.

**Project History:** Planned funding for this project has existed as a “placeholder” since the FY 2004 – FY 2009 CIP.

**Schedule:** \$100,000 in prior year funds will be used to establishing program and concept alternatives. Design and detailed drawings are estimated to begin in FY 2012, with construction following in FY 2013 and FY 2014.

**Customer Service Level Impact:** The renovation and expansion of the Chinquapin Recreation Center provides the opportunity to increase the number of classes and the number of residents served and would also provide a more cost efficient facility to operate. Current space at the Dr. Rixse Memorial Pool does not meet the needs of pool users. The pool is not a certified length to hold swim meets. Two pools would allow staff to better regulate temperature to meet the needs of seniors, children, and lap swimmers. By not doing this project, the City runs the risk of not meeting the needs of seniors, children, and lap swimmers, as well as paying for increasing utility costs in the aging facility.

**Operating Impact:** Accurate impacts on departmental operating costs and estimated revenues cannot be determined until the design and programming for this facility have been finalized.

Chinquapin Park & Rec Center	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	100,000	0	0	850,000	10,000,000	9,300,000	0	20,150,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	100,000	0	0	850,000	10,000,000	9,300,000	0	20,150,000

Capital Performance Measures
On-time (within projected time period)
On-budget (within projected range of costs)
Quality measure to be determined

# Recreation and Parks

## Patrick Henry Recreation Center

**Subsection:** Renovated /Expanded Recreation Facilities    **Estimated Useful Life of Improvement:** 40 years

**Managing Department:** Recreation/General Services    **Priority:** Desirable

**Phase:** Initial Concept (Phase 0)

**Project Summary:** This project provides funding for renovation of the Patrick Henry Recreation Center. The \$500,000 in unallocated balance remaining in the Patrick Henry project will allow staff to begin the program development process in FY 2010. The funding necessary to complete the design and construction phases of this renovation process is not included in the FY 2010 – FY 2015 CIP. Unfunded placeholder estimates are shown below to reflect the initial plan for the project. As future CIP's are developed, funding for this project will be revisited and a new schedule will be created.

**Changes from Prior Year:** There are no changes in funding for this project.

**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) was reprogrammed to the Charles Houston Recreation Center project.

**Operating Impact:** Accurate impacts on departmental operating costs cannot be determined until the design and programming for this facility have been established.

Patrick Henry Rec Center	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	500,000	<i>200,000</i>	<i>3,500,000</i>	<i>2,000,000</i>	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	500,000	0	0	0	0	0	0	0

### Capital Performance Measures

On-time (within projected time period)

On-budget (within projected range of costs)

Quality measure to be determined

## Spray Parks

**Subsection:** Park Improvements

**Estimated Useful Life of Improvement:** Not Estimated

**Managing Department:** Recreation

**Priority:** Desirable

**Project Summary:** The City's existing swimming pools are 30+ years old and do not offer the amenities that children now desire. The City is looking into spray parks as alternatives to the neighborhood mini-pools. Unlike a traditional swimming pool, a spray park is place where children of all ages and abilities can safely and freely play together. In addition, the spray features operate on an auto-controller which lessens daily maintenance requirements. Staffing costs are also less. The \$320,000 in FY 2012 funding is to add a spray park to Ewald Park; FY 2014 requested funding (\$740,000) will provide for the removal of an existing pool to be determined and installation of a large spray park; FY 2015 requested funding (\$740,000) will provide for the removal of the existing pool and install of a large spray park at Nannie J. Lee. Total funding for this project over three years (FY 2012, FY 2014 – FY 2015) is \$1.8 million.

**Changes from Prior Year:** This is a new project in the CIP.

**Operating Impact:** Impacts on departmental operating costs and estimated revenues cannot be determined until the design of the spray area is finalized.

Spray Areas	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	320,000	0	740,000	740,000	1,800,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	320,000	0	740,000	740,000	1,800,000

# Recreation and Parks

## Cameron Station

**Subsection:** Park Improvements

**Estimated Useful Life of Improvement:** 20 years

**Managing Department:** Recreation

**Priority:** Desirable

**Project Summary:** This capital project provides for improvements to the Cameron Station parks (Ben Brenman Park and Armistead L. Boothe Park) and for the possible future planning and development of a multi-purpose, multi-generational recreation facility in Cameron Station.

**Changes from Prior Year:** \$25,000 in prior year unallocated balance was reallocated as an overall funding source for the FY 2010 CIP. \$10,000 has been added to FY 2015 in case additional capital investment is desired in this area.

**Project History:** Both Ben Brenman and Armistead L. Boothe Parks were completed and opened to the public in September 2000. Ben Brenman Park includes all fields and elements approved by City Council, as well as passive open spaces, an urban plaza, and a concession/restroom building at the Duke Street entrance to the park. Armistead L. Boothe Park includes a lighted softball field, with a marked youth soccer field in the outfield, three lighted tennis/basketball courts, four volleyball courts, horseshoe pits, a playground area, and bikeway linkages to the Ben Brenman Park. Children attending the Samuel W. Tucker Elementary School use Armistead L. Boothe Park for physical education classes and recess during their school day. The FY 2003 CIP included \$25,000 in this project for the possible future planning and development of a multi-purpose, multi-generational recreation facility in Cameron Station.

**Operating Impact:** This project will have no impact on the operating budget.

Cameron Station	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

# Recreation and Parks

## Facilities Renovations

**Subsection:** Recreation Facilities Improvements  
**Managing Department:** Recreation/General Services

**Estimated Useful Life of Improvement:** 40 years  
**Priority:** Essential

**Project Summary:** The FY 2010 – FY 2015 CIP provides an annual funding stream to address the capital maintenance needs at the City's heavily-used neighborhood recreation centers and park facilities. The City currently has a backlog of maintenance needs at recreation centers and parks; these existing needs must be prioritized against new maintenance requests throughout the year. The total six year budget for this maintenance program is \$3.6 million, including \$370,000 in FY 2010. The current plan for this funding includes the following items:

### FY 2010 Maintenance Plan

- Nannie J. Lee- replace gym floor, repair and paint interior walls and replace bleachers
- Four Mile Run Field - bleachers
- Chinquapin - repair existing pump room ventilation and increase to meet requirements, remove diving boards, purchase and installation of 1 meter diving board, repair natatorium tile
- Cora Kelly - interior painting
- Charles Barrett - interior painting

### FY 2011 Maintenance Plan

- Ramsay - interior painting
- Patrick Henry- interior painting
- Colasanto - floor replacement
- Mt. Vernon - gym repairs from water damage
- Lee Center - repair and paint walls
- Lee Center - replace Exhibit Hall stairs lighting (entry)

**Changes from Prior Year:** FY 2012 funding has been increased to \$600,000 and each year's funding is compounded by 5%.

**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. :

### Projects programmed in FY 2009 include:

- Painting and carpet replacement at Chinquapin
- Repair and replacement of flooring at Mt. Vernon
- Carpet replacement at Cora Kelly
- Repairs to the Nature Center canopy and deck
- Purchase and install of aisle lighting at Durant Center
- Sacandaga Totem site design work
- Purchase and install of Gerald Ford Park sign
- Purchase of FF&E items for the new maintenance shop
- Replacement of ball field fencing
- Frank Mann Field at Four Mile Run sign

**Operating Impact:** This project will have no impact on the operating budget.

Facilities Renovations	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	370,000	500,000	625,000	656,000	689,000	724,000	3,564,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	370,000	500,000	625,000	656,000	689,000	724,000	3,564,000

# Recreation and Parks

## Public Pools

**Subsection:** Recreation Facilities Improvements      **Estimated Useful Life of Improvement:** 15 years  
**Managing Department:** Recreation/General Services      **Priority:** Essential

**Project Summary:** This project includes funding for maintenance of the outdoor pool shells, structures, mechanical and filtration systems, decks, bathhouses, and amenities. A total of \$353,000 over six years is planned for this maintenance program.

**Changes from Prior Year:** \$66,000 in funding has been included in the FY 2015 for continuation of this maintenance program.

**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 studies, provide the Department with the data needed to prioritize pool renovations and determine costs. Full costs have yet to be determined however, they will be significantly above the budgeted amount.

**Operating Impact:** This project will have no impact on the operating budget.

Public Pools	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	52,000	55,000	57,000	60,000	63,000	66,000	353,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	52,000	55,000	57,000	60,000	63,000	66,000	353,000

## City Marina

**Subsection:** Recreation Facilities Improvements      **Estimated Useful Life of Improvement:** 15 years  
**Managing Department:** Recreation/General Services      **Priority:** Essential

**Project Summary:** This project funds maintenance and modernization efforts at the City Marina for utilities, amenities, rest rooms, structures, security, and services. A total of \$494,500 over six years is planned for the maintenance plan. This funding stream will likely be significantly increased as a result of the upcoming Waterfront planning process.

Specific projects planned in FY 2010 - FY 2012 include repairs to the following items located at the City Marina: water lines; sections of pier railing; items damaged by freezes; pier light fixtures; pier electrical outlets; shower stalls; old light posts; pier ladders; wayfinding signs; VHF station and antenna; and bollards. Repainting work on items such as flag poles and restrooms will also be necessary.

**Changes from Prior Year:** To meet the demands of an aging and failing infrastructure, increased funding has been add in FY2012 through FY2015.

**Project History:** In addition to the types of repairs listed above, City staff has also done maintenance work on drinking fountains, benches, hot water heaters, and the marina pumpout lines. New 50 amp and 200 amp electrical connections have also been installed through this project.

**Operating Impact:** This project will have no impact on the operating budget.

City Marina	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	52,000	55,000	90,000	94,500	99,000	104,000	494,500
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	52,000	55,000	90,000	94,500	99,000	104,000	494,500

## Recreation and Parks

### Warwick Pool

**Subsection:** Recreation Facilities Improvements      **Estimated Useful Life of Improvement:** 15 years  
**Managing Department:** Recreation/General Services      **Priority:** Essential

**Project Summary:** The Warwick Pool is antiquated and due for replacement. Without replacement, closure of the pool may be necessary in the future. This project will include replacing the pools, mechanical systems, and the adjoining changing room facilities. \$500,000 is programmed in FY 2012 for the design of this facility. \$6.6 million is programmed in FY 2013 – FY 2015 as a placeholder for the construction work. Construction estimates will be refined after the programming and design are completed.

**Changes from Prior Year:** \$7,100,000 has been added to this project for planning, construction and FF&E. This project will be involved in the stage gate program.

**Project History:** The facility has been leased to and maintained by the City for 30 years. The facility was part of the Department's 2002 "Outdoor Pools' Facilities Assessment." At that time, significant problems were found with the facility such as cracked plaster and weakened pool walls, pool returns not at industry standards, lack of adequate drains and skimmers, inadequate deck space, and antiquated mechanical and chemical systems. As a result of multiple pool leaks and exceeding the useful life of the pool the existing pool structure is failing; this has led to frequent underground pipes breaking, pool walls failing, and mechanical systems breaking down. In addition, the changing rooms have moisture problems, lack adequate lighting and ventilation, and do not have lockers where participants can store their personal belongings. On January 20, 2007, City Council approved a 35-year extension of the lease at a nominal cost of the land on which this facility is located.

**Operating Impact:** Operating impacts and revenues associated with this project will be estimated once the pool's design and program plan are completed.

Warwick Pool	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	500,000	3,000,000	3,000,000	600,000	7,100,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	500,000	3,000,000	3,000,000	600,000	7,100,000

### Fitness Room Renovations

**Subsection:** Recreation Facilities Improvements      **Estimated Useful Life of Improvement:** 10 years  
**Managing Department:** Recreation      **Priority:** Essential

**Project Summary:** This program will provide funding to renovate the fitness rooms and replace the fitness equipment at Chinquapin Rec Center in FY 2012 (\$140,000) and Nannie J. Lee and Cora Kelly fitness rooms in FY 2013 (\$120,000). The existing fitness equipment at these heavily used locations are 15-plus years old and have worn welds, cables, belts, bearings, rods, plates, hardware and pulleys.

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Fitness Room Renovations	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	140,000	120,000	0	0	260,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	140,000	120,000	0	0	260,000



## Recreation and Parks

### ADA Requirements

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** According to regulations, new playgrounds and any renovations to existing play areas must comply with ADA accessibility requirements. \$167,000 is planned over six years to help meet these requirements at new and renovated play areas.

**Changes from Prior Year:** \$37,000 has been added in FY 2015 to continue the program.

**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 restrooms to meet ADA requirements and to provide an ADA accessible path to the Goat Hill playground. FY 2010 funding will provide ADA playground access at Landover Park.

**Operating Impact:** This project will have no impact on the operating budget.

ADA Requirements	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	25,000	29,000	0	32,000	34,000	35,000	37,000	167,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	25,000	29,000	0	32,000	34,000	35,000	37,000	167,000

# Recreation and Parks

## Athletic Field Improvements

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 10 years, depending on use  
**Priority:** Essential

**Project Summary:** The program plan is to replace one field per year with synthetic turf. Unlike natural fields, the proposed synthetic material can be played on after rains, and it will not require “resting” between uses. The implementation of this program will allow greater play time without increasing land requirements within the City. In addition, funds may be used to replace deteriorated backstops, fencing, grading, irrigation and field lighting systems due to heavy usage and deterioration from exposure and age. The City’s first synthetic field was completed at Minnie Howard in October 2007. Replacement of the Ft. Ward was completed in 2008.

\$8.7 million is programmed over four years (FY 2012 – FY 2015) to continue the artificial turf program. \$937,000 in funding for a new turf field in FY 2010 is unfunded due to fiscal constraints. A prior year balance of \$492,500 is intended to be used in FY 2010 to install an artificial turf field at Mt. Vernon or Boothe. The previously planned installation of synthetic turf on two game surfaces at Simpson (but not the baseball field) has been delayed due to the delay in the Potomac Yard redevelopment. When the artificial turf program resumes (likely in FY 2012), candidates for artificial turf installation include Mt. Vernon, Braddock Fields, Potomac Yard, and Boothe.

The Woodrow Wilson Bridge Project within the Community Development section of the FY 2010 – FY 2015 CIP describes planned athletic field improvements at Witter Fields. Please see that project listing for details.

**Changes from Prior Year:** FY 2011 funding for this project is not included in this CIP due to overall CIP funding constraints for that fiscal year. \$2.5 million in FY 2015 funding has been added to continue the annual program.

**Customer Service Level Impacts:** By replacing one field per year, the City will be able to provide 60% more play time per field replaced. This increase is due to the reduction in rain-outs and diminished on-field maintenance downtime. The synthetic fields do not need to be taken out of the rotation for seeding, mowing, grading, etc. as natural turf fields do. Additional games can be played on the synthetic field, thereby increasing the productivity of maintenance and administrative staff time. Players will also be more likely to complete their full schedule of games in the time allotted due to the improved field quality. The newly engineered fields will improve the conditions teams play. Fewer injuries are anticipated due to the quality of playing surface. Increased demands for field time, due to increases in population and growing interest in sport/health activities, will be difficult to meet without the installation of synthetic fields or the purchase of additional property for new fields. Increased competition for field use will mean citizen demand will go unmet to a greater degree each year.

**Operating Impact:** This project will not impact the operating budget; this assessment may change once the Department obtains actual operating impacts with the installation of the first artificial turf field.

Athletic Field Improvements	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	492,500	937,000	0	1,700,000	2,000,000	2,500,000	2,500,000	8,700,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	492,500	0	0	1,700,000	2,000,000	2,500,000	2,500,000	8,700,000

## Recreation and Parks

### Athletic Field Restrooms

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** Not Estimated  
**Priority:** Essential

**Project Summary:** The condition of restrooms at numerous athletic fields throughout the City is deteriorating. This project will fund the site work, purchase and installation of prefabricated restrooms at Fort Ward, Mini Howard, Lockett, George Washington, and Four Mile Run athletic fields. The prefabricated restrooms will be ADA compliant and replace existing portable units.

**Changes from Prior Year:** This is a new project in the CIP.

**Operating Impact:** It is projected that each site will require \$2,000 annually for the purchase of janitorial supplies and utilities.

Athletic Field Restrooms	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	0	0	150,000	150,000	300,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	150,000	150,000	300,000

### Community Track

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** Not Estimated  
**Priority:** Desirable

**Project Summary:** This project provides a \$100,000 placeholder in FY 2012 for future planning and development efforts for a new community running track in the city. At this time, a specific location has not been determined for this project.

**Changes from Prior Year:** \$10,000 was previously funded in FY 2014.

**Operating Impact:** Impacts on departmental operating costs and estimated revenues cannot be determined until the design of the community track is finalized.

Community Running Track	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	100,000	TBD	0	0	100,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	100,000	TBD	0	0	100,000

# Recreation and Parks

## Miracle Field

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 15 years  
**Priority:** Desirable

**Project Summary:** This project funds the purchase and installation the City's first miracle field, a rubberized outdoor sports surface. Rubberized sports surfaces provide an environment for those with physical and mental disabilities to participate safely in outdoor sports activities. Similar surfaces are also used by local school systems and recreation departments to meet ADA requirements and the needs of senior programs. A Miracle Field was originally scheduled to be installed at the Nannie J. Lee Recreation Center in spring 2009 but did not receive funding in the FY 2009 CIP. This project is now planned for FY 2014 at a cost of \$570,000. The City will seek private donations and grants to offset some project costs.

**Changes from Prior Year:** \$560,000 has been added in FY2014.

**Operating Impact:** This project will have no impact on the operating budget.

Miracle Field	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	0	0	570,000	0	570,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	570,000	0	570,000

## Ball Court Renovations

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 15 years  
**Priority:** Essential

**Project Summary:** The City is responsible for the upkeep of 39 tennis courts and 29 basketball courts throughout the City. These courts are constantly used by residents for general play, classes, programs, and special events. In addition, tennis and basketball courts throughout the City are used by neighborhood schools. These courts are maintained and renovated on a regular schedule. Renovations include patching or replacing surfaces, drainage work, fencing, grading, and color coating. \$991,000 over six years is planned in the FY 2010 – FY 2015 CIP. A prioritized schedule has been prepared by staff and is based on current condition, utilization, commonality, and budgeted resources. Past ball court renovation projects include:

Location	Court	Date	Status
Mt. Vernon	1 Tennis	Fall 2007	Completed
Hooff's Run	1 Tennis	Fall 2007	Completed
Chambliss	2 Tennis	Fall 2007	Completed
George Mason	2 Tennis	Fall 2007	Completed
Powhatan	1 Tennis	Fall 2007	Completed
Nannie J. Lee	2 Tennis	Spring 2008	Completed
Minnie Howard	2 Tennis	Spring 2008	Completed
W. Ramsay	2 Tennis	Fall 2008	Completed
W. Ramsay	1 Soccer	Fall 2008	Completed
Patrick Henry	2 Tennis	Fall 2008	Completed
John Ewald	1 Basketball	Fall 2008	Completed
Chinquapin	1 Basketball	Fall 2008	Completed
Nannie J. Lee	1 Basketball	Fall 2008	Completed
Angel Park	1 Basketball	Fall 2008	Completed

## Recreation and Parks

**Changes from Prior Year:** \$420,000 had been planned in FY 2010 for the renovation of the Montgomery Park tennis courts. Interim repairs that significantly improved the play surface at the Montgomery Park tennis courts were completed in FY 2009. \$368,813 in FY2010 funding has been moved to the Playground Renovation account to address more immediate safety concerns. In addition, \$184,682 has been added in FY 2015 to continue this annual maintenance program.

**Project Schedule:** The current renovation schedule is as follows:

Location	Court	Date	Status
Buchanan	1 Basketball	FY2010	Planned
Hooffs Run	1 Basketball	FY2010	Planned
Simpson	1 Basketball	FY2010	Planned
Powhatan	1 Basketball	FY2010	Planned
Ft. Ward	1 Tennis	FY2010	Planned
Stevenson	1 Basketball	FY2011	Planned
Windmill Hill	1 Basketball	FY2011	Planned
Hammond	Tennis	FY2011	Planned

**Operating Impact:** This project will have no impact on the operating budget.

Ball Court Renovations	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	150,000	152,000	160,000	168,000	176,000	185,000	991,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	150,000	152,000	160,000	168,000	176,000	185,000	991,000

# Recreation and Parks

## Holmes Run Shared-Use Path Crossing

Subsection: Park Improvements

Estimated Useful Life of Improvement: TBD

Managing Department: T&ES/RPCA

Priority: Highly Desirable

**Project Summary:** This project will include complete design, environmental submissions, hydrology and hydraulic analysis and engineering services for a shared-use path crossing of Holmes Run from an area near Alexandria's Dora Kelly Nature Park (adjacent to Holmes Run Parkway and N Chambliss Street) to a landing on the northwest side of Holmes Run in property adjacent to Glen Hills Park in Fairfax County. The project includes an update to an existing 2002 site/feasibility study for the Holmes Run Multi-use Crossing with particular consideration paid to recent flood events; hydrology and hydraulic analysis at a preliminary crossing location to identify and propose stream bank stabilization and restoration options; all environmental assessments and environmental impact statements; complete design; public outreach and associated meetings with citizens, stakeholders, other jurisdictions/public bodies and publicly elected representatives; and complete coordination with public agencies. This reimbursable project is funded at 100% by a Regional Surface Transportation Program (RSTP) grant in the amount of \$750,000.

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Holmes Run Shared Use Path Crossing	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	100,000	650,000	0	0	0	0	750,000
Less Revenues	0	100,000	650,000	0	0	0	0	750,000
Net City Share	0	0	0	0	0	0	0	0

## Holmes Run Bike Trail Study

Subsection: Park Improvements

Estimated Useful Life of Improvement: TBD

Managing Department: T&ES/RPCA

Priority: Highly Desirable

**Project Summary:** This project will include feasibility analysis and preliminary engineering for significant upgrades to the existing facilities along the Holmes Run Greenway Bike Trail from N Ripley Street running north to beneath Interstate 395. The trail currently provides 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. This project is funded by a Regional Surface Transportation Project grant through the Virginia Dept. of Transportation. The City has a signed administrative agreement with VDOT and this is a 100% reimbursable project. These facilities were originally constructed for service vehicles and have only recently been adapted for use by bicyclists and pedestrians. However, the facilities are in a serious state of disrepair. During periods of heavy rains, the facilities flood, ruining the lighting and depositing sediment and debris onto the fair weather crossing of Holmes Run. Seepage from adjoining concrete embankments creates water hazards. The tunnels are extremely small, presenting both real and perceived safety hazards for users and vandalism is common.

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Holmes Run Bike Trail Study	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	250,000	0	0	0	0	0	250,000
Less Revenues	0	250,000	0	0	0	0	0	250,000
Net City Share	0	0	0	0	0	0	0	0

## Recreation and Parks

### Mount Vernon Trail Safety at East Abingdon Drive

**Subsection:** Park Improvements      **Estimated Useful Life of Improvement:** TBD  
**Managing Department:** T&ES/RPCA      **Priority:** Highly Desirable  
**Phase:** Phase 1 (Design/Preliminary Engineering)

**Project Summary:** This project provides for safety improvements to the Mount Vernon Trail within Alexandria City limits and which is a portion of the designated Potomac Heritage National Scenic Trail. The safety improvements will address substandard sections of the trail where trail width and/or conflicts with vehicles make non-motorized travel unsafe, particularly in the section of trail along E Abingdon Drive near Slater's Lane. The special revenue for this project is provided through the Virginia Dept. of Transportation which has allocated federal and state funds through a SAFETEA-LU designation and Project Administration Agreement with the Northern Virginia Regional Commission (NVRC). The NVRC and the City signed a subgrantee agreement in Sept. 2008. Funding for this project is reimbursable at 100%.

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Mt Vernon Trail Safety @ Abingdon	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	250,000	0	0	0	0	0	250,000
Less Revenues	0	250,000	0	0	0	0	0	250,000
Net City Share	0	0	0	0	0	0	0	0

### Old Cameron Run Trail Study

**Subsection:** Park Improvements      **Estimated Useful Life of Improvement:** TBD  
**Managing Department:** T&ES/RPCA      **Priority:** Highly Desirable

**Project Summary:** This project is a feasibility study and preliminary engineering for a bicycle/pedestrian trail between Eisenhower Ave near from Telegraph Road to the Mt. Vernon Trail at the Washington Street Deck. This project will address a major gap in the city's proposed 'Green Crescent' trail system and ultimately provide a key link in the bicycle/pedestrian multi-modal transportation system. The purpose of the project is to improve system linkage, which in turn will improve access to community facilities. The project addresses the need for pedestrian access from the neighborhoods around Telegraph Road, and connects to the highly visible, heavily used Mount Vernon Trail, from Fairfax County through Alexandria. The project is funded at 100% through the Public Lands Discretionary Program and has a Project Agreement through VDOT.

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Old Cameron Run Channel Trail Study	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	210,000	0	0	0	0	0	210,000
Less Revenues	0	210,000	0	0	0	0	0	210,000
Net City Share	0	0	0	0	0	0	0	0

## Recreation and Parks

### Bike Trails

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 20 years  
**Priority:** Essential

**Project Summary:** This project provides for construction and improvements to the bicycle trail system in the City, as reflected in the City's Master Bikeway Plan. The Bicycle Transportation and Multi-Use Trail Master Plan, approved by City Council, identifies areas to develop a multi-use trail system totaling 85 miles over the next ten years. It includes an additional 69 miles of on-street bikeways and 16 miles of additional off-street trails. The plan is a phased approach that would be implemented as developer proffers can be negotiated, grant funding can be secured, or as City funding can be provided. Funding included within the CIP may be used to offset a portion of the City's cost for bicycle trail projects included in the plan, as well as to meet the capital maintenance requirements for the City's existing bicycle trail system. FY 2009 funding was used to resurface 3,100 linear feet of trail along Eisenhower Avenue and re-set the existing guideposts at a cost of \$80,000. \$517,000 in new funding is programmed over five years (FY 2011 – FY 2015).

**Changes from Prior Year:** \$114,000 has been added to the out-year (FY 2015) in order to continue this annual maintenance program.

**Project Schedule:** In FY 2010 the Tarleton Trail maintenance project will be completed with prior year unallocated funds. In FY 2002 and FY 2003, the City was awarded two grants in the amount of \$669,000 under the Transportation Enhancement Act for the 21<sup>st</sup> Century (TEA-21) for additional bike trail improvements and extensions, and was awarded \$100,000 from the Transportation Community Support Program (TCSP) federal grant. To fulfill the City's requirement to match the percent of the costs under the TEA-21 and TCSP programs, \$255,000 in prior year funds was set aside for this purpose. The grants were intended to cover the first several phases of a project to develop the Eisenhower Valley multi-use Greenway.

**Operating Impact:** Operating impacts for this project are estimated at \$15,000 in FY 2009. RPCA is estimating that operating costs will increase by approximately \$10,000 each year after that.

Bike Trails	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	169,742	0	94,000	98,000	103,000	108,000	114,000	517,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	169,742	0	94,000	98,000	103,000	108,000	114,000	517,000



# Recreation and Parks

## Fort Ward Park

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 5 years  
**Priority:** Highly Desirable

**Project Summary:** This project will fund improvements to Fort Ward Park grounds, most heavily focusing on accessibility issues and park amenities. Capital maintenance of the Ft Ward Historic Area is funded through the OHA CFMP capital project. Planned improvements at the park include flood mitigation; turf restoration; renovation of restroom facilities, signs, picnic shelters, concrete slabs, fences, and plantings; and replacement of amenities (benches, grills, tables, trash receptacles). \$339,000 is planned for this project from FY 2012 - FY 2015. \$30,000 remains unfunded in FY 2011 due to fiscal constraints.

**Changes from Prior Year:** An additional \$50,000 annually has been added beginning FY 2012 in order to more adequately fund this maintenance program. \$89,373 has been added in FY2015 to continue this annual maintenance program.

**Project History:** FY 2009 funding was combined with a portion of the ADA funding to make accessible and renovate one of the Fort Ward restrooms.

**Operating Impact:** This project will have no impact on the operating budget.

Fort Ward Park	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	8,000	0	30,000	82,000	83,000	85,000	89,000	339,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	8,000	0	0	82,000	83,000	85,000	89,000	339,000

## Irrigation Projects

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 7-10 years  
**Priority:** Essential

**Project Summary:** This project will fund the expansion and enhancement of the City's irrigation system. One aspect of the project calls for the current manual irrigation controllers to be replaced with automatic irrigation controllers. Currently, the systems are set to timers, but they do not adjust for droughts, power outages, or rain. The use of irrigation controllers makes for more efficient irrigation systems and allows the system to adjust for climate, park usage, and maintenance. These controllers also help the department utilize current water-conserving landscaping principles. A consultant was hired and completed a design for the first phase of the project. This project will also work towards designing and implementing irrigation at some of the City's most highly maintained and visible horticultural sites. This will help to improve the aesthetic quality of gateways, parks, plazas, and open spaces throughout the City. Finally, this project will work towards designing and installing irrigation at the City's overused natural turf fields. \$551,000 is programmed over 4 years (FY 2012 – FY 2015) for this project. Specific planned irrigation projects include Montgomery Park, Waterfront Park, Fort Ward Park phases II & III, and Chinquapin Park .

**Changes from Prior Year:** \$147,735 has been added in FY2015 to continue the annual funding of this program.

**Project History:** Recently completed irrigation projects are located at Market Square, Pomander Park, Four Mile Run, Lee Center, Fort Ward, and Ben Brenman.

**Operating Impact:** This project will have no impact on the operating budget.

Irrigation	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	229,250	0	0	128,000	134,000	141,000	148,000	551,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	229,250	0	0	128,000	134,000	141,000	148,000	551,000

# Recreation and Parks

## Park and Playground Renovations

Subsection: Park Improvements  
 Managing Department: Recreation

Estimated Useful Life of Improvement: 15 years  
 Priority: Essential

**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 also includes funding to ensure that the surface area of each of the City's 45 play areas meets Consumer Products Safety Commission standards and to continue a systematic program to replacing park amenities (e.g. benches, trash cans, picnic tables).

## **Playground Renovation Plan FY2010 - 2015**

FY	Location	Priority	Approx. Age
2010	Stevenson Park	High	>10
2010	Tarleton Park	High	>10
2010	James Mulligan Park	High	>10
2010	Buchanan/Durant Center	High	5<>10
2011	Armistead L. Boothe Park	High	5<>10
2012	Hooff's Run Park and Greenway	High	>10
2012	Mount Jefferson Park/Greenway	High	>10
2013	Ewald Park	High	>10
2013	Charles Barrett Recreation	Medium	>10
2013	Hume Springs Park	Medium	5<>10
2014	Beverley Park	Medium	5<>10
2014	Lynhaven Park	Medium	5<>10
2014	Sunset Park	Medium	>10
2015	Chinquapin Park	Medium	>10
2015	Four Mile Run Park	Medium	>10
2015	Simpson Park	Medium	5<>10

**Changes from Prior Year:** \$368,813 in FY 2010 funding has been moved from the ball court renovation account to the playground renovation account. \$700,000 in FY 2015 funding has been added to this project.

**Project History:** Recently completed playground projects are located at Nannie J. Lee Rec Center, Ben Brenman Park, Goat Hill Park, Hunter Miller Park, Fort Ward Park, Charles Houston Rec Center, Landover Park, and at 1 & 7 E. Del Ray Park.

**Operating Impact:** This project will have no impact on the operating budget.

Park & Playground Renovations	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	521,320	193,346	500,000	600,000	650,000	700,000	3,164,666
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	521,320	193,346	500,000	600,000	650,000	700,000	3,164,666

# Recreation and Parks

## Tree and Shrub Capital Maintenance

**Subsection:** Park Improvements

**Estimated Useful Life of Improvement:** 20 years (absent storm damage)

**Managing Department:** Recreation

**Priority:** Essential

**Project Summary:** This project merges the former Public Site Trees and Landscaping of Public Sites Projects in order to more heavily focus on semi-permanent tree and horticultural improvements. 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 600 tree wells, which periodically require renovations and enhancements. The project also ensures maintenance of the City's tree canopy and provides continuing visual and environmental quality. This program is budgeted for the planting and care of approximately 700 trees per year, including at least 285 replacement trees, 10 Arbor Day trees, and 55 trees under the cost-share program, based on the average cost per tree and initial care of \$242.

**Changes from Prior Year:** \$144,052 in FY 2015 funding has been added to continue the annual funding stream for this project.

**Project History:** This project was formerly divided into two separate capital projects, Public Site Trees and Landscaping of Public Sites.

In FY 1994, City Council established a co-payment program for street trees to address citizen requests for new trees in the rights-of-way near their residences. Under this program, a citizen pays approximately one-third of the purchase price of the tree. The budget reflects approximately \$5,000 in revenue annually for additional tree planting under this program. In 2004, the City Manager established the Urban Forestry Steering Committee to prepare a comprehensive Urban Forestry Plan for the City, and in doing so, characterize and quantify the current state of Alexandria's urban forest and identify strategies to improve its health, quality, density and diversity. The twelve-member citizen committee has identified the preservation of the City's tree canopy as the primary issue to be addressed and issued the report in 2008. . This project formerly lumped together funding for the City Site Horticulture program and the City Site Tree program. These projects will now be listed separately in the CIP.

**Operating Impact:** The annual operating cost for newly planted public site trees in \$242 per tree.

Tree & Shrub Capital Mainten.	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	226,000	238,000	248,000	262,000	274,000	288,000	1,536,000
Less Revenues	0	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Net City Share	0	221,000	233,000	243,000	257,000	269,000	283,000	1,506,000

## Recreation and Parks

### Pavement Improvements in Parks

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** Not Estimated  
**Priority:** Essential

**Project Summary:** This program provides \$3.0 million in funding over 4 years to repair and pave park streets and RPCA parking areas. Funding for FY 2012 will be used to repair and pave RPCA streets and parking areas at Hensley Park; FY 2013 funding will repair and pave RPCA streets and parking areas at Fort Ward park; FY 2014 funding will repair and pave RPCA streets and parking areas at Chinguapin Park and Fitness Center, Old Town Pool and Ben Brenman Park; and FY 2015 funding will repair and pave RPCA streets and parking areas at Booth Park, Lee Center and Four Mile Run Park.

**Changes from Prior Year:** This is a new project in the CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Pavement Improvements	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	500,000	500,000	1,000,000	1,000,000	3,000,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	500,000	500,000	1,000,000	1,000,000	3,000,000

### Skate Park

**Subsection:** Park Improvements  
**Managing Department:** Recreation

**Estimated Useful Life of Improvement:** 20 years  
**Priority:** Desirable

**Project Summary:** The skate park, which opened in 2003, is located at Luckett Field at the intersection of Quaker Lane and Duke Street. \$100,000 over two years (FY 2014 and FY 2015) is programmed for maintenance of the facility and the replacement of damaged equipment or features.

**Changes from Prior Year:** \$100,000 has been added to FY 2014 and FY 2015.

**Project History:** One June 22, 2003, City Council voted to name the skate park the Schuyler Hamilton Jones Skateboard Park at Luckett Field. Phase III of the skate park was completed in FY 2007.

**Operating Impact:** This project will have no impact on the operating budget.

Skate Park	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	0	50,000	50,000	100,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	50,000	50,000	100,000

# Recreation and Parks

## Windmill Hill Park Bulkhead

**Subsection:** Park Improvements  
**Managing Department:** Recreation  
**Phase:** Phase 2-3

**Estimated Useful Life of Improvement:** Not Estimated  
**Priority:** Very Desirable

**Project Summary:** This project consists of renovation and construction work on the bulkhead at Windmill Hill Park. The renovation work on the bulkhead is planned to be phase I of the Windmill Hill Park development. As the design process for the Park moves forward and project costs become more accurate, estimates may be revised. Current estimates assume \$5.5 million in construction costs. \$785,000 in unallocated balance remains to complete design work for this project. Federal funding for the bulkhead portion of this project will be sought.

**Changes from Prior Year:** \$5.5 million has been programmed in FY 2013 and FY 2014.

**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 for the design of the bulkhead renovation.

**Schedule:** The RFP for this project was advertised in winter 2006; design/construction documents are expected to be completed in FY 2009. Construction is currently scheduled for FY 2012, but is contingent upon the availability of funding. Once funding is identified, work will be scheduled within the allowable time periods based on fish and SAV impacts.

**Customer Service Level Impact:** This project would increase the length of the waterfront, as well as 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. By not completing this project, the City may experience serious deterioration of the waterfront, creating potential safety problems into the future.

**Operating Impact:** The City is estimating approximately \$95,000 in annual operating impact from this project.

Windmill Hill Park	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	784,953	0	0	0	500,000	5,000,000	0	5,500,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	784,953	0	0	0	500,000	5,000,000	0	5,500,000

Capital Performance Measures	
On-time (within projected time period)	
On-budget (within projected range of costs)	
Feet of shoreline stabilized	
% reduction in citizen complaints about the area	

# Recreation and Parks

## Open Space Acquisition and Development

**Subsection:** Open Space Acquisition and Development  
**Managing Department:** Recreation/Open Space

**Estimated Useful Life of Improvement:** Perpetual  
**Priority:** Essential

**Project Summary:** This is an on-going project, which provides for the purchase and improvements to land for City facilities and open space areas. In FY 2010, the City will be reducing the dedicated real estate 1¢ for Open Space to 0.3¢ that will fully fund debt service for past open space related borrowing (\$814k in FY 2010). The remaining revenues of 0.7¢ will be utilized as a revenue source for the City's General Fund. The remaining prior year balance of \$10.1 million will remain available for the purchase of desirable open space and other related costs within the City as it becomes available.

**Changes from Prior Year:** The planned Open Space percentage has been reduced in FY 2010 – FY 2015 to a level that covers Open Space debt service.

**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. The Open Space Plan identified the need for the City to add 100 acres of open space by the year 2012 (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 is to be 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 21.5 acres of open space and 26.7 acres are planned for future dedication or acquisition. 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.

**Operating Impact:** Operating costs associated with this project are projected at \$713,000 in FY 2010 and \$719,000 in FY 2011 and into the out years. These are rough estimates and may vary greatly depending on the amount and type of land acquired.

Open Space Acquisition&Dev.	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	10,131,061	814,306	798,386	778,395	758,404	742,161	720,921	4,612,573
Debt Service	0	(814,306)	(798,386)	(778,395)	(758,404)	(742,161)	(720,921)	(4,612,573)
Total Expenditures	10,131,061	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	10,131,061	0	0	0	0	0	0	0

OPEN SPACE SOURCES AND USES			
	FY 2008	FY 2009	FY 2010
<b>Sources</b>			
Opening Balance	\$8,552,206	9,114,037	\$10,813,095
Dedicated Real Estate taxes	2,878,042	2,719,869	814,305
Adjustment for Actual Tax as Adjusted in Prior Year	-	TBD	TBD
Bond Issuance	-	TBD	TBD
SOURCES SUBTOTAL	11,430,248	11,833,906	\$11,627,400
<b>Uses</b>			
Land Acquisition	1,283,473	TBD	TBD
Debt Service	844,346	829,325	814,305
Open Space Coordinator/1	88,392	91,486	92,000
N. VA Conservation Trust / Misc.	100,000	100,000	100,000
USES SUBTOTAL	2,316,211	1,020,811	1,006,305
Ending Balance	9,114,037	10,813,095	10,621,095
Acres Purchased	0.873	TBD	TBD
/1 Includes salary and benefits			

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# Public Buildings

## Public Buildings

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## Public Buildings

Subsection	Project	Unallocated Balance	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Libraries									
	Library CFMP	115,000	0	0	0	0	0	0	\$0
Preservation of Historic Facilities									
	City Historic Facilities CFMP	60,260	400,500	420,000	440,000	462,000	TBD	TBD	\$1,722,500
	Torpedo Factory Repairs	0	0	0	0	0	0	10,000	\$10,000
	Payne Street Records Center	35,000	150,000	0	0	0	0	0	\$150,000
Public Safety Facilities									
	New Police Facility	\$797,265	\$31,268,000	\$37,860,200	\$9,000,000	\$0	\$0	\$0	\$78,128,200
	Back-Up Government Operations Center	300,000	300,000	300,000	0	0	0	0	\$600,000
	Fire Station CFMP	0	260,000	273,000	437,000	452,000	467,000	482,000	\$2,371,000
	Fire Station 203 Expansion	620,000	0	2,000,000	TBD	0	0	0	\$2,000,000
	Fire Station 206 (Seminary Road)	0	0	0	TBD	TBD	TBD	TBD	\$0
	New Fire Station (FS 209 (Potomac Yard))	0	0	0	0	0	0	10,000	\$10,000
	New Fire Station (FS 210 Eisen. Valley)	1,330,000	0	6,135,000	2,210,000	0	0	0	\$8,345,000
	Fire Station Project TBD	0	0	0	TBD	TBD	TBD	TBD	\$0
	Burn Building	50,000	0	0	TBD	TBD	TBD	TBD	\$0
	Emergency Operations Center (EOC)	75,000	0	TBD	TBD	0	0	0	\$0
	Sheriff CFMP	0	448,000	460,000	472,000	484,000	498,000	512,000	\$2,874,000
	Public Safety Center Slab	0	1,545,000	1,030,000	0	0	0	0	\$2,575,000
	Pistol Range	0	1,435,000	0	0	0	0	0	\$1,435,000
	Old Animal Shelter Re-Use	128,298	0	0	0	0	0	0	\$0
	Vola Lawson Animal Shelter	0	29,000	30,000	32,000	34,000	35,000	37,000	\$197,000
Public Health & Welfare Facilities									
	Flora Krause Casey Center	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
	Mental Health Residential Facilities	238,875	150,000	158,000	166,000	174,000	183,000	192,000	\$1,023,000
	Safe Haven Facility	1,205,000	0	0	0	0	0	0	\$0
	Teen Center	0	0	0	0	TBD	0	0	\$0
Renovation and Reconstruction of Other City Facilities									
	ADA Accessibility	25,588	21,000	0	45,000	47,000	49,000	52,000	\$214,000
	Business Center Drive/Govt Center	0	0	0	0	500,000	0	0	\$500,000
	City Visitor Center Improvements	0	0	0	0	TBD	TBD	0	\$0
	Elevator Replacement/Refurbishment	0	725,000	225,000	0	0	0	0	\$950,000
	Emergency Generators	565,000	0	0	0	0	0	0	\$0
	Environmental Compliance	100,000	0	0	0	0	0	0	\$0
	Energy Conservation Program	0	203,000	213,000	223,000	235,000	246,000	259,000	\$1,379,000
	General Services CFMP	234,469	661,500	695,000	729,000	766,000	804,000	844,000	\$4,499,500
	King-Beauregard Office Complex Dev.	0	0	0	500,000	TBD	TBD	TBD	\$500,000
	Market Square Renovations	0	0	0	300,000	TBD	0	0	\$300,000
	Space Management Program	0	100,000	0	TBD	TBD	TBD	TBD	\$100,000
<b>Total Expenditure Requests</b>		<b>\$5,879,755</b>	<b>\$37,696,000</b>	<b>\$49,799,200</b>	<b>\$14,554,000</b>	<b>\$3,154,000</b>	<b>\$2,282,000</b>	<b>\$2,408,000</b>	<b>\$109,893,200</b>
<b>Less Total Revenues</b>		<b>\$0</b>	<b>\$216,437</b>	<b>\$216,437</b>	<b>\$216,437</b>	<b>\$216,437</b>	<b>\$216,437</b>	<b>\$216,437</b>	<b>\$1,298,622</b>
<b>Subtotal Requests</b>		<b>\$5,879,755</b>	<b>\$37,479,563</b>	<b>\$49,582,763</b>	<b>\$14,337,563</b>	<b>\$2,937,563</b>	<b>\$2,065,563</b>	<b>\$2,191,563</b>	<b>\$108,594,578</b>
<b>Subtotal Unfunded</b>		<b>0</b>	<b>1,885,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,185,000</b>
<b>Net Funded City Costs</b>		<b>\$5,879,755</b>	<b>\$35,594,563</b>	<b>\$49,282,763</b>	<b>\$14,337,563</b>	<b>\$2,937,563</b>	<b>\$2,065,563</b>	<b>\$2,191,563</b>	<b>\$106,409,578</b>

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

## Public Buildings

### Library CFMP

**Subsection:** Libraries

**Estimated Useful Life of Improvement:** 40 years

**Managing Department:** General Services

**Priority:** Essential

**Project Summary:** This project provides for capital maintenance of the Beatley Library, the most heavily used facility in the library system. Interior lighting improvements were completed in FY 2008. A total of \$115,000 remains budgeted in prior year unallocated monies to provide a more secure garden area entrance; and interior painting. All improvements were completed in FY 2009. Monies remaining may be reprogrammed for capital maintenance requirements at other libraries including much needed carpet replacement at Barrett Library.

**Changes from Prior Year:** There has been no change in funding for this project.

**Operating Impact:** This project will have no impact on the operating budget.

Library CFMP	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	115,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	115,000	0	0	0	0	0	0	0

## 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

**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, and Archeology space located at the Torpedo Factory Arts Center. A total of \$1.72 million over six years (FY 2010 – FY 2015) has been planned for this project.

**Changes from Prior Year:** In the FY 2009 – 2014 CIP, individual project descriptions were provided for the Fort Ward Park (erosion control on the bastions), Gadsby's Tavern, The Lyceum, Stabler-Leadbeater Apothecary Museum, and Friendship Firehouse. For the FY 2010 – 2015 CIP, capital maintenance for these projects will now be consolidated a part of the City Historic Facilities CFMP. Annual funding has been compounded by 5 percent per year to account for increases in construction costs. This funding plan will allow for the completion of the remaining identified needs within five years.

**Project History:** In FY 2006, General Services commissioned a comprehensive assessment of historic facilities. The assessment identified \$3.4 million in capital needs at OHA properties to be performed, including plaster repair, painting, floor restoration, HVAC, electrical and plumbing components. \$1.8 million worth of work was scheduled for completion in 2009, with the \$1.6 million balance (plus .02 million for inflation) proposed for funding in the FY 2009 to FY 2014 time period. 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.

**Operating Impact:** This project will have no impact on the operating budget.

OHA CFMP	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	60,260	400,500	420,000	440,000	462,000	TBD	TBD	1,722,500
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	60,260	400,500	420,000	440,000	462,000	TBD	TBD	1,722,500

### Torpedo Factory Repairs

**Subsection:** Preservation of Historic Facilities      **Estimated Useful Life of Improvement:** 25 years  
**Managing Department:** General Services              **Priority:** Essential

**Project Summary:** This project provides funds to address 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.

**Changes from Prior Year:** \$10,000 is budgeted in the out-year (FY 2015) as a placeholder in the event that further major capital improvements are required in a future CIP.

**Project History:** The heating, ventilation, and air conditioning (HVAC) system replacement, elevator repairs, and electrical lighting upgrades were completed in March 2007.

**Operating Impact:** This project will have no impact on the operating budget.

Torpedo Factory	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

## Public Buildings

### New Police Facility

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Essential

**Phase:** Phase 3 (Design)

**Project Summary:** This project provides for the design and construction of a new multi-level police headquarters facility on City property on Wheeler Avenue. Components of the new facility will include a multilevel facility structure of at least 118,000 square feet, a multilevel parking structure, and significant site, security, and infrastructure improvements. In addition, there are significant site improvements to be accomplished as part of this project, including the relocation of the T&ES/Parks and Recreation Maintenance facility from South Quaker Lane to Business Center Drive which occurred in 2008; demolition of the South Quaker Lane facility; relocation of the salt domes and recycling site from the current approved Police facility site; environmental cleanup; and reconfiguration and new construction of impacted access and existing parking areas.

A total of \$80.9 million is planned over the next three years for this project. Of this amount, \$61.3 million (\$3 million in FY 2009; \$23.6 million in FY 2010; \$25.7 million in FY 2011; and \$9 million in FY 2012) is budgeted for facility construction. The remaining balance of \$19.6 million represents costs associated with the purchase and installation of information technology equipment and new radio equipment for the public safety communications center, communications broadcast sites, as well as portable radios. A total of \$3.7 million from FY 2008 or earlier fiscal years is being used to fund initial architectural and engineering costs. Much of this equipment (such as the Computer Aided Dispatch, E-911, and radio system equipment) would have needed to be purchased even if the Police headquarters was not being built.

**Changes from Prior Year:** Total funding for this project has been increased by \$2 million to reflect increases in construction costs and summary programming results. At the time of budget adoption staff still was negotiating the guaranteed maximum price for the project. The current economic situation may result in some savings in final project costs.

**Project History:** In 2002, to permanently address the overcrowded conditions at the current Public Safety Center, City Council determined that a new Police Department facility needed to be built or acquired. Therefore, a total of \$68.5 million was planned over nine years (FY 2004-FY 2011) in prior CIPs for the purchase of land and the construction of a new Police facility, including \$3.5 million for the build-out of offsite leased office and warehouse space for most sections of the Police Department's temporary move, which was completed in FY 2005, as well as funding to move, upgrade or replace existing T&ES and Recreation facilities.

Staff initially reviewed nine potential sites, which were reduced to two sites that worked best for the new facility as programmed. On June 22, 2004, City Council established a citizen Ad Hoc Task Force to review two potential sites for the new Police facility and any other sites that had not already been reviewed based on those requirements. In November 2004, the Ad Hoc Task Force presented a report to City Council with its recommendation supporting a City-owned site known as the Duke Street/Wheeler Avenue site as the location of the new Police facility.

In May 2005, staff completed a comprehensive traffic report, in addition to further meetings with the general public and the surrounding community. In October 2005, City Council held a public hearing on the selection of the new site. There was a general consensus that the proposed site was the best available and most cost effective for the new facility. The City-owned site presented a good opportunity for the City to improve and consolidate other City operations (T&ES & Recreation Maintenance). It is a centrally located site that works well for the Police Department. It also saves the City from spending an estimated \$16.0 million on land acquisition.

A design contract was awarded in FY 2006 for the new police facility. Design was completed in November 2008 consistent with the project schedule. During the design process, the City reviewed the overall facility and parking programs to address potential shared public/police facility opportunities as directed as part of the site approval process, and will update potential program areas as required due to program growth, changes in technology and related costs (E-911, radios and CAD/RMS equipment as an example) and other areas that might have impact on the overall final construction (including tentative furniture, fixtures, and equipment) numbers. The City determined that the Construction Management at Risk (CM@Risk) process was the preferred delivery method for the project and a competitive RFP process was conducted over the Summer 2008 with ultimate award of a preconstruction contract in October 2008. The City's General Services staff is developing a guaranteed maximum price (GMP) for the facility with the selected contractor, and the GMP will be established in early 2009.

## Public Buildings

### New Police Facility, continued

**Schedule:** This project is currently in the preconstruction phase of the phase review process. A guaranteed maximum price (GMP) will be negotiated in winter 2009 with construction expected to begin in spring 2009, with project completion scheduled for fall 2012.

**Customer Service Level Impact:** The new facility will result in consolidated operations of the Alexandria Police Department, which are now located on multiple sites. This will facilitate coordination and cooperation amongst various divisions and shifts.

**Operating Impact:** This project is just entering the design development phase, therefore, facility operating costs remain unknown at this time, but they will be similar to another building of its size. However, current and potential future lease costs will be saved. An independent analysis by Jones Lang LaSalle, which was commissioned by the City in 2008, indicated that on a net present value basis over a 20-year period, and accounting for the residual ownership value at the end of 20 years, the cost of ownership over 20 years was \$42.4 million, while the cost of leasing would be \$146.8 million, thereby creating a \$104.4 million ownership advantage when compared to leasing. If the residual value of the land and building at the end of 20 years is not considered, then the value of owning over leasing would be \$60.0 million.

New Police Facility	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Facility	797,265	23,690,000	25,750,000	9,000,000	0	0	0	58,440,000
IT/Radio Equip.	0	7,578,000	12,110,200	0	0	0	0	19,688,200
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	797,265	31,268,000	37,860,200	9,000,000	0	0	0	78,128,200
<b>Capital Performance Measures</b>								
On-time (within projected time period)								
On-budget (within projected range of costs)								
Quality measures to be determined								

## Public Buildings

### Business Center Drive/Government Center

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Essential

**Project Summary:** This project provides for the relocation of several existing City public works and infrastructure facilities that must be transferred to other City property in order to facilitate the construction of a new Police facility at this location on Wheeler Avenue. On May 31, 2005 City staff outlined the redevelopment of the Wheeler-Witter area to accommodate the anticipated relocation of the Alexandria Police Department to a new facility on Wheeler Avenue.

The existing maintenance facility shared by T&ES and Recreation was relocated to the City-owned Roth Street warehouse space at 2900 Business Drive. The vacated property at 133 S. Quaker Lane will be reused for the T&ES salt dome and materials storage shed in order to free up property along Wheeler Avenue, currently being used for these functions, for the proposed Police Facility. The design of this project also will integrate the construction of the new DASH facility, which also will be located on Business Center Drive; the construction of new sports fields at the adjacent Witter Drive field site (funded with Woodrow Wilson Bridge Settlement monies); and modifications to the current traffic, pedestrian and parking elements throughout the site. Design and bid solicitation was completed in Summer 2007. Construction and renovation of the new T&ES and Recreation Maintenance Facility was completed in the Summer 2008.

**Changes from Prior Year:** \$500,000 has been added for a necessary roof replacement in FY 2013.

**Project History:** In order to fund this project, \$1.8 million in unallocated prior year funds that are were longer needed to improve the existing T&ES/Recreation Maintenance Facility project were allocated in January 2006 for this relocation and redevelopment project. In addition, \$148,000 in prior year unallocated monies budgeted for a new T&ES/General Services Truck Wash and \$50,820 in unallocated prior year funds budgeted for improvements at the current T&ES Field Office Improvement project on Wheeler Avenue have been reprogrammed to the Business Center Drive/City Government Center project. Significant additional monies will be required to complete these currently unfunded relocation projects, including a portion of the \$16.6 million previously budgeted in the new Police Facility project for the purchase of land. These funds, however, will be required to complete the redevelopment of the Business Center Drive area in order to accommodate the new Police Facility and other City facilities and operations.

**Operating Impact:** The scope of this project entails both the relocation of existing elements, which will not have any additional operating impact, and the addition of new elements such as the athletic field. The new elements have not yet been designed. Therefore, the operating costs are not yet known.

Business Center Drive/Govt. Center	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	500,000	0	0	500,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	500,000	0	0	500,000

## Public Buildings

### Back-Up Government Operations Center

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 20 years

**Managing Department:** General Services

**Priority:** Desirable

**Project Summary:** This project will provide for the proposed 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 that would render the facility 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.

**Changes from Prior Year:** The \$600,000 planned for FY 2010 and FY 2011 is unfunded due to current fiscal constraints. This project used to be titled Continuity of Operations but was renamed.

**Operating Impact:** This project will have no impact on the operating budget.

Back-Up Govt. Operations Center	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	300,000	300,000	300,000	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	300,000	0	0	0	0	0	0	0

### Burn Building

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Essential

**Project Summary:** This project provides for renovations to 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 City has 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 \$400K requested), which includes repairs of doors, windows, floors, walls and roofing as well as several building enhancements. Immediate needs will be addressed with the funding provided. Long term considerations will need to be considered for the renovation/replacement of the facility as funding becomes available.

**Changes from Prior Year:** A total of \$50,000 remains unallocated and will be used to match any future grant the City acquires. Funding for FY 2012 – 2015 is TBD because long term renovation/replacement plans are still under consideration.

**Operating Impact:** This project will have no impact on the operating budget.

Burn Building	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	50,000	0	0	TBD	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	50,000	0	0	TBD	TBD	TBD	TBD	0

## Public Buildings

### Fire Station Capital Maintenance Facility Plan (CFMP)

**Subsection:** Public Safety Facilities      **Estimated Useful Life of Improvement:** 25 years  
**Managing Department:** General Services      **Priority:** Essential

**Project Summary:** This project provides a multi-year funding plan for essential renovations to the City's eight current fire stations. These eight fire stations, on average, are over 42 years old. Funding in the amount of \$2.4 million has been planned over six years (FY 2010 - FY 2015) for continued updating and facility maintenance repairs to the City's fire stations. These monies will be available to address the ongoing costs of critical capital repair requirements of the City's existing stations, which have increased due to inflation and the need to address contaminants commonly found in older buildings.

**Changes from Prior Year:** With the exception of FY 2011 – 2012, annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent per year to account for increases in construction costs. The budgeted amount increases by \$164,000 in FY 2012 to fund much needed repairs identified in a 2008 facility assessment survey.

**Operating Impact:** This project will have no impact on the operating budget.

Fire Station CFMP	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	260,000	273,000	437,000	452,000	467,000	482,000	2,371,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	260,000	273,000	437,000	452,000	467,000	482,000	2,371,000

### Fire Station 203 (Cameron Mills Road) Expansion

**Subsection:** Public Safety Facilities      **Estimated Useful Life of Improvement:** 25 years  
**Managing Department:** General Services      **Priority:** Essential  
**Phase:** Phase 0 (Identification of Need or Problem)

**Project Summary:** This project will provide funds for the design and future capital investment in Fire Station 203. Response data shows that added emergency medical unit is warranted in this area, but the current facility was not designed to support the additional unit. A total of \$620,000 in unallocated balance has been transferred from the Fire Station 210 (Eisenhower Avenue) project to fund the design of an expanded Fire Station 203 in FY 2010. In addition, \$2 million in initial funding has been budgeted for FY 2011 to fund the expansion. Until the design is complete, it is unknown whether the facility will be renovated and expanded or completely rebuilt. Once a design and program for Fire Station 203 is developed, future funding will be provided in order to completely fund future renovations and construction.

**Changes from Prior Year:** The unallocated balance has been increased by \$620,000 as a result of a transfer of fund from the Fire Station 210 project. In FY 2010, this balance will be used to fund the design for the expansion of Fire Station 203. Funding in the amount of \$2 million has been added to FY 2011 as a placeholder to fund any initial renovations or construction. Funding has been removed from FY 2012 – 2015 until the design phase is complete and a new program for Fire Station 203 is developed.

**Customer Service Level Impact:** It is anticipated that this project will provide enhanced EMS service to the surrounding area once an expansion to the existing facility is complete.

**Schedule:** This project is currently is phase 0 (Identification of Need or Problem).



## Public Buildings

**Operating Impact:** This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until scope of project is defined, however, the operating impact is likely to be significant.

FS 203 (Cameron Mills Rd)	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	620,000	0	2,000,000	TBD	0	0	0	2,000,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	<b>620,000</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
Capital Performance Measures								
On-time (within projected time period)								
On-budget (within projected range of costs)								
Quality measure to be determined								

### **New Fire Station 209 (Potomac Yard)**

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Essential

**Project Summary:** This project provided for the addition of a fourth apparatus bay and "green" building elements at the proposed Potomac Yard Fire Station. Potomac Yard Development, LLC proposed building a three bay fire station for the City. Subsequently, a Citizens Task Force recommended that the City include a fourth bay. The facility includes a four story residential component with 44 long-term affordable rental units and 20 apartments with rents affordable to City workers, including first responders and teachers above the station. The facility includes retail and community infrastructure on the first level.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** \$1.0 million required to fund the construction of the fourth bay was allocated in November 2007. On December 15, 2007 the groundbreaking was held at the site of what is now known as "The Station at Potomac Yard" and the new facility will be the City's first new fire station in more than 30 years. The station and apartments are scheduled to open early in FY 2010.

**Operating Impact:** Since this fire station is expected to be staffed with current budgeted positions, the Fire Department does not anticipate any increase in personnel costs. Estimates, however, for non-personnel operating costs are approximately \$125,000 per year. Exact operating costs have not been calculated at this time as the final condo association regime costs are being determined.

New Fire Station (FS 209)	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000</b>	<b>10,000</b>

## Public Buildings

### New Fire Station 210 (Eisenhower Valley)

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Essential

**Phase:** Phase 1 (Definition of Requirements) and is expected to move to Phase 2 (Concept) in 2009

**Project Summary:** This project provides for the design and construction of a new fire station to be located in the Eisenhower Valley. A total of \$8.3 million has been budgeted over two years (\$6.14 million in FY 2011; and \$2.2 million in FY 2012). In addition, \$1.3 million in prior year unallocated monies remain for the design and other pre-construction costs associated with this new facility.

**Changes from Prior Year:** This project is now budgeted for two years (FY 2011-2012) instead of three years as planned in the FY 2009 – 2014 CIP. In addition, \$620,000 of the unallocated balance was transferred to the Fire Station 203 project to pay for the design costs associated with that project.

**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 potential site for the proposed new fire station which would be co-located on the same parcel as the reconfigured and reduced impound lot. In addition, consideration of locating the Police Department Pistol Range within the parcel designated for the new fire station and modified impound lot may also be given. A determination of whether or not these three facilities can be located within the same parcel of land will be an outcome of the project's design phase.

This project provides for the design and construction of a new fire station to be located in the Eisenhower Valley. A total of \$8.3 million has been budgeted over two years. In addition, \$1.3 million in prior year unallocated monies remain for the design and other pre-construction costs associated with this new facility. Funding has been revised to reflect the project scheduled of construction to start in FY 2011.

**Customer Service Level Impact:** The completion of this facility would allow for faster emergency response times in the Eisenhower Valley, and in adjacent areas.

**Schedule:** This project is currently in Phase 1 (Definition of Requirements) and is expected to move to Phase 2 (Concept) in 2009.

**Operating Impact:** This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until scope of project is defined, however, the operating impact is likely to be significant.

New Fire Station (FS 210)	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	1,330,000	0	6,135,000	2,210,000	0	0	0	8,345,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,330,000	0	6,135,000	2,210,000	0	0	0	8,345,000
<b>Capital Performance Measures</b>								
On-time (within projected time period)								
On-budget (within projected range of costs)								
Quality measures to be determined								

## Public Buildings

### Fire Station Project TBD

Subsection: Public Safety Facilities

Estimated Useful Life of Improvement: 25 years

Managing Department: General Services

Priority: Essential

**Project Summary:** This project provides funding for a future fire station project that has yet to be determined. The City is currently studying fire service needs to help determine the types of fire programs and facilities the City will require in future years. Depending on the outcome of the study, the City may fund the refurbishment of an existing facility or the construction of a new fire station. The FY 2010 – 2015 CIP has indicated future needs by inserting funding TBD placeholders in FY 2012 – 2015 for this project. Funding will become available as future fire service needs are determined.

**Changes from Prior Year:** This is a new project, not previously listed in the CIP. Future funding will be determined based on the outcome of a fire service needs assessment which is currently underway.

**Operating Impact:** This project has not yet reached the programming and/or construction phase so operating costs cannot be accurately determined until scope of project is defined, however, the operating impact is likely to be significant.

Fire Station Project TBD	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	TBD	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	TBD	TBD	TBD	TBD	0

### Fire Station 206 (Seminary Road)

Subsection: Public Safety Facilities

Estimated Useful Life of Improvement: 25 years

Managing Department: General Services

Priority: Essential

**Project Summary:** This project provides for the design and construction for the renovation or the replacement of Fire Station 206 located at Seminary Road. The programming for fire service is currently under review, and once the needs are known, funding for the design and construction of a renovated or a replacement station will be provided in a future CIP. The current plan calls for the initial design to begin in FY 2012 with two additional years designated for construction.

**Changes from Prior Year:** This is a new project, not previously listed in the CIP. Future funding will be determined based on the outcome of a fire service needs assessment.

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

Fire Station 206 (Seminary Rd)	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	TBD	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	TBD	TBD	TBD	TBD	0

## Public Buildings

### Office of Sheriff Capital Facilities Maintenance Plan (CFMP)

**Subsection:** Public Safety Facilities      **Estimated Useful Life of Improvement:** 25 years  
**Managing Department:** General Services      **Priority:** Essential

**Project Summary:** This project provides for system and infrastructure improvements to the Public Safety Center (PSC), Franklin Backus Courthouse, and Alexandria Detention Center which are managed by the Alexandria Sheriff's Office (ASO). The ASO and the Department of General Services (DGS) have formed a permanent Task Force, which provides oversight for the work currently underway at these Sheriff managed facilities; develops a list of priorities; and evaluates new project proposals.

A total of \$2.9 million has been planned over six years (FY 2010-FY 2015) for this project. Of this amount, \$1.3 million represents federal reimbursement for the City's capital investments in the creation of a post 9/11 secure infrastructure around the perimeter of the Detention Center. These funds will be specifically used for various capital improvements at the Detention Center.

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent per year to account for anticipated increases in construction costs. In addition, the Detention Center (Jail) project listed previously listed in the CIP has been combined with this project. In the future, any major projects at the Detention Center will be funded from this project.

**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 and elevator systems at both facilities. An incremental program to replace the worn Detention Center flooring was initiated in Spring 2008.

**Operating Impact:** This project will have no impact on the operating budget.

Sheriff CFMP	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	448,000	460,000	472,000	484,000	498,000	512,000	2,874,000
Less Revenues	0	216,437	216,437	216,437	216,437	216,437	216,437	1,298,622
Net City Share	0	231,563	243,563	255,563	267,563	281,563	295,563	1,575,378

## Public Buildings

### Public Safety Center Slab Replacement

**Subsection:** Public Safety Facilities

**Managing Department:** General Services

**Phase:** Phase 4 (Construction)

**Estimated Useful Life of Improvement:** 25 years

**Priority:** Essential

**Project Summary:** This project provides for the replacement of the 37,000 square foot first floor concrete slab at the Public Safety Center and renovation of the first floor work areas that have experienced damage due to slab settlement. Many of the previous Police Department occupants of the second and third floors have been moved to interim leased space. The Office of the Sheriff, Police Communications, and Police Property remain on the second and third floors. Construction on the slab and its underground elements began in Spring 2008 and will be completed to be completed in Spring 2010. A total of \$5.5 million is planned over three years (\$3.0 million in FY 2009; \$1.5 million in FY 2010; and \$1.0 million in FY 2011) for this project.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** The Public Safety Center (PSC), completed in 1987, in the subsequent decade provided less adequate space for the City's Police Department, Office of the Sheriff and Magistrate in a combined facility located at 2003 Mill Road. Also, since initial construction, non-structural slab settlement has occurred. A study completed in FY 2001 determined that the slab has settled as much as four inches in some areas of the building due to ongoing consolidation of decaying organic and soft material in the third soil strata and that further settlement due to decaying material might occur. As a result, a total of \$4.58 million was previously approved and budgeted to begin to address this problem.

In the FY 2004 budget, an additional \$3.4 million was added to this project as it was deemed necessary to relocate elements on the first floor of the facility to the second and third floors of the facility in order to facilitate the slab replacement. \$1.6 million was allocated in FY 2005 for the architectural and engineering design required for the repair and modifications necessary to correct the first floor slab settlement problem, as well as for the relocation of the Sheriff and remaining Police functions located on the first floor of the Public Safety Center from the first floor to the second and third floors and the reconfiguration and refurbishment of the second and third floors as required as a result of the relocation. \$4.1 million was allocated in November 2005 for the demolition and removal of the concrete slab, as well as the replacement of the slab with a series of new reinforced twelve-inch concrete slabs set atop a structural system of friction pilings.

**Schedule:** This project is currently in Phase 4(Construction) and is scheduled for completion in the Spring 2010.

**Customer Service Level Impact:** This project facilitates the re-use of the first floor space at the Public Safety Center.

**Operating Impact:** The operating impact is not known at this time, and will depend on the future uses of the first floor space.

PSC Slab Replacement	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	1,545,000	1,030,000	0	0	0	0	2,575,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	1,545,000	1,030,000	0	0	0	0	2,575,000

## Public Buildings

### Pistol Range

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Desirable

**Project Summary:** This project provides 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. Improvements to the drainage and electrical systems are scheduled to be completed by Winter 2008. During that time the design for a roof enclosure, exhaust system and restrooms will be completed and contracts awarded. Work on these elements is scheduled to begin in Summer 2008 and finish in Fall 2008. A total of \$1.4 million is budgeted in FY 2010 for this project but due to fiscal constraints it remains unfunded. 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:** Additional funding in the amount of \$1,435,000 is proposed for FY 2010 to complete the project but the project remains unfunded at this time due to fiscal constraints.

**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. This work began in Summer 2008 and is scheduled for completion in Winter 2009, with the exception of the roof enclosure. Arlington County, in the wake of the emerging fiscal crisis declined to fund the previously agreed to 50% of the project costs which severely limits the amount of work that can be completed at this time. Negotiations with Arlington County will continue.

**Operating Impact:** This project has not yet reached the programming and/or construction phase. Therefore, operating costs are unknown at this time.

Pistol Range	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	1,435,000	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	0	0

## Public Buildings

### Old Animal Shelter Reuse

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Essential

**Project Summary:** This project provides for the refurbishment of the former animal shelter on South Payne Street for re-use as a City warehouse facility. A total of \$128,298 in unallocated prior year monies was reprogrammed from completed capital projects or from projects where the remaining monies are no longer needed to fund the re-use of this facility as a City warehouse.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** On May 16, 2002, the City opened the new Vola Lawson Animal Shelter at 4075 Eisenhower Avenue. As a result, the former animal shelter facility on South Payne Street will be refurbished for re-use as a City Warehouse.

**Operating Impact:** This project has not yet reached the programming and/or construction phase. Therefore, operating costs are unknown at this time.

Old Animal Shelter Reuse	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	128,298	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	128,298	0	0	0	0	0	0	0

### Vola Lawson Animal Shelter

**Subsection:** Public Safety Facilities

**Estimated Useful Life of Improvement:** N/A

**Managing Department:** General Services

**Priority:** Essential

**Project Summary:** This project provides for the capital maintenance required at the Vola Lawson Animal Shelter as defined in a contract between the City and the Animal Welfare League (current facility manager). As defined in the contract, the City is responsible for scheduled and unscheduled capital replacement and maintenance of elements and systems at the facility. Based on this agreement, a total of \$197,000 has been budgeted over six years to address these capital maintenance and replacement requirements.

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent due to increases in construction costs.

**Project History:** Construction of the Vola Lawson Animal Shelter was completed in Spring 2002 and the facility opened to the public May 16, 2002.

**Operating Impact:** The facility is managed and run by the American Welfare League (AWL) under contract to the City. The City is directly responsible for capital maintenance only.

Vola Lawson Animal Shelter	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	29,000	30,000	32,000	34,000	35,000	37,000	197,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	29,000	30,000	32,000	34,000	35,000	37,000	197,000

## Public Buildings

### Flora Krause Casey Clinic

**Subsection:** Public Health and Welfare Facilities **Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides for various capital needs at the Flora Krause Casey Center, located at 1200 North Howard Street.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** \$633,776 was allocated in April 2005 for the replacement of the Casey Clinic roof system, including insulation, flashing and gutters; the replacement of the Clinic's heating, ventilation, and air conditioning (HVAC) system that is approximately 25 years old; and essential capital maintenance at this heavily used facility. These renovations were completed in March 2007.

**Operating Impact:** This project will have no impact on the operating budget.

Flora Krause Casey Center	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

### Mental Health Residential Facilities

**Subsection:** Public Health and Welfare Facilities **Estimated Useful Life of Improvement:** 15 years

**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides for the capital replacement and repair requirements at City-owned and operated group homes. A total of \$1.0 million has been budgeted over six years (FY 2010 - FY 2015) to provide for this purpose. In addition, \$238,875 in unallocated prior-year balances remains.

**Changes from Prior Year:** \$1.0 million has been budgeted over six years (FY 2010 – FY 2015) which is an increase of \$487,000 when compared to the six-year totals from the FY 2009 – 2014 CIP.

**Project History:** The Department of General Services, at the request of the Office of Management and Budget, 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. Mental Health staff has subsequently identified a number of additional facilities to be surveyed. A total of \$718,620 has been allocated to date to address the repair and maintenance items at these facilities. At this time, this project will be expanded to CSB apartments, as well as to cover newly identified repairs items in the group homes.

**Operating Impact:** This project will have no impact on the operating budget.

Mental Health Residential Facilities	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	238,875	150,000	158,000	166,000	174,000	183,000	192,000	1,023,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	238,875	150,000	158,000	166,000	174,000	183,000	192,000	1,023,000



## Public Buildings

### Safe Haven Facilities

**Subsection:** Public Health and Welfare Facilities  
**Managing Department:** General Services

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** This project provides for the re-use after renovation of the vacated Patrick Street Clubhouse facility as the Safe Haven facility. \$1,205,000 remains unallocated in this project to complete the renovations required for re-use. \$150,000 has already been expended on the initial phase of this CIP project.

**Changes from Prior Year:** There has been no change in funding for this project.

**Operating Impact:** State grant funds and City General Fund appropriations will finance the operations of the Safe Haven facility beginning in mid FY 2009. The total amount for Safe Haven annual operating costs will be approximately \$550,000.

Safe Haven Facilities	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	1,205,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,205,000	0	0	0	0	0	0	0

### Teen Center

**Subsection:** Public Health and Welfare Facilities  
**Managing Department:** General Services

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** This project provides funds for the potential build-out and modification of the space for a possible Teen Center at a redeveloped Landmark Mall site. The purpose of the Teen Center would be to provide a safe and positive environment for youth to learn, recreate and socialize. It will provide a variety of programs, special events, school activities, information and referral services, and offer community links to City and community youth service agencies, and the Alexandria Schools. In addition to daily activities, the Teen Center will sponsor special activities like dances, band nights, special events, and indoor board and electronic games. Other activities could include classes, such as music, creative writing, and art. It could also be equipped with computers and some with multi-media capability. A needs analysis would need to be conducted before this project proceeds.

**Changes from Prior Year:** The \$500,000 that was unfunded in FY 2010 has been removed. Funding for FY 2013 has yet to be determined.

**Operating Impact:** No operating impact is yet available.

Teen Center	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	TBD	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	TBD	0	0	0

## Public Buildings

### ADA Accessibility

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** 25 years  
**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides funding for planned accessibility improvements at City facilities on an on-going basis including group home facilities for Mental Health/Mental Retardation/Substance Abuse, consistent with federal Americans with Disabilities Act (ADA) requirements. Improvements include electronic opening devices at doorways required for public use, such as conference and meeting rooms at locations City-wide, and to bring public restrooms into compliance with signage requirements of the ADA. A total of \$214,000 has been budgeted over five years for this purpose.

**Changes from Prior Year:** \$21,000 has been budgeted for this project in FY 2010. Starting in FY 2012 funding is increased to \$45,000, extended to FY 2015 and escalated by 5% to allow for anticipated increases in construction costs.

**Operating Impact:** This project will have no impact on the operating budget.

ADA Accessibility	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	25,588	21,000	0	45,000	47,000	49,000	52,000	214,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	25,588	21,000	0	45,000	47,000	49,000	52,000	214,000

### City King-Beauregard Office Complex Development

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** 25 years  
**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides funding for the potential development of a City office complex at the intersection of King and Beauregard Streets to be known as the Laslo N. Tauber campus. This facility could possibly house the Department of Human Services (DHS), the Department of Mental Health, Mental Retardation, and Substance Abuse (MH/MR/SA), and School Administration staff. All of these entities currently lease office space. A total of \$500,000 is planned for the initial planning of this project starting in FY 2012. City Council also authorized the issuance of \$5.6 million in General Obligation Bonds to assist with paying for site preparation.

**Changes from Prior Year:** Funding has been decreased by \$500,000 and shifted back to FY 2012.

**Project History:** In late 2006, the City was contacted regarding a possible donation (with the City covering \$5.6 million in costs) from the Tauber Foundation of six parcels of land at 4530 and 4600 King Street and one adjacent parcel at 3451 North Beauregard Street. This was the site of the former Jefferson Memorial Hospital complex. This generous donation will result in the net donation to the City of land of between \$10 million and \$25 million in value. On November 19, 2007, the City Council authorized the City Manager to proceed with a 9.06 hearing to the Planning Commission, and to make preparations for final Council purchase authorization action in December. On December 4, the Planning Commission unanimously recommended the acquisition of these six parcels. On December 15, City Council authorized the acquisition of these parcels. This acquisition by the City is planned for 2009, but can only occur when the Tauber Foundation works through some legal issues and is able to deliver an insurable title.

## Public Buildings

### City King-Beauregard Office Complex Development, continued

**Operating Impact:** Currently, the City leases 130,000 square feet of office space to house the Department of Human Services (DHS), the Department of Mental Health, Mental Retardation and Substance Abuse (MHIMWSA), and the School Administrative headquarters. These leased spaces total about and currently cost the taxpayers \$2.9 million per year in lease costs. Lease renewals on much of this space will occur soon with an expectation of a significant rent increase for long-term renewals or for new space to cost around \$4.0 million per year, as rents continue to escalate in real terms. Based on engineering and financial analysis studies, it is estimated (based on a lease vs. own analysis of a 130,000 square foot building) that over a 30-year period the City would save at least \$69.7 million which is equal to \$33.1 million in today's dollars.

King-Beauregard Office Complex	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	500,000	TBD	TBD	TBD	500,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	500,000	TBD	TBD	TBD	500,000

### City Visitor Center Improvements

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** 10 years  
**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides for the initial planning of the possible development of a new or improved visitor center operated by the Alexandria Convention and Visitors Association (ACVA). The Alexandria Convention and Visitors Association is a membership-based organization consisting of the City government, the hospitality industry, retail businesses, restaurants, and other individuals and groups with an interest in the City's tourism and hospitality industries. Funding, if provided in a future capital budget, will undertake studies analyzing (1) improvements to Ramsay House, as well as review of 132 North Royal Street as a possible visitor's center location; and (2) improving the King Street Metro Station area visitor information.

**Changes from Prior Year:** As this project was not active, prior year account balances were returned to the General Fund in FY 2009.

**Project History:** The first step in this process was a consultant study completed in FY 2003. In mid-FY 2004 City Council decided to not construct a new visitor center or to substantially enlarge Ramsay House. Instead the focus of the next phases would be: (1) analyzing improvements to Ramsay House, as well as review the possibility of using 132 North Royal Street as a possible visitor center location; (2) funding and implementation of a City-wide sign program including kiosks in the King Street corridor area (see City Signage Program in the Community Development section); and (3) improving the King Street Metro Station area visitor information.

**Operating Impact:** This project will have a to-be-determined impact on the operating budget based on the option selected.

City Visitor Center	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	TBD	TBD	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	TBD	TBD	0	0

## Public Buildings

### Energy Conservation Program

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** 15 years  
**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides for energy conservation improvements and the use of energy-efficient technology in existing City buildings in order to achieve greater efficiency. A total of \$1.4 million is planned over six years to implement these initiatives. In FY 2010, continued emphasis will be placed on energy consumption analysis, the development of strategies to address the largest consumers of energy; promoting energy awareness such as turning off lights and office electrical equipment; adjusting and adhering to space temperature settings and implementing energy conservation initiatives. A new Energy Conservation Committee has also been created to develop strategies to conserve energy.

**Changes from Prior Year:** The funding for FY 2011, which was unfunded in last year's CIP, has been restored. Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent per year to account for increases in construction costs.

**Project History:** In FY 2008, a new Energy Manager position was created in the Department of General Services to analyze, develop and implement the City's energy conservation efforts, including changes in operating procedures and contracts to save on future energy costs, as well as, enhance the environment.

**Operating Impact:** The City's goal is to reduce energy consumption in the City's facilities by as much as 3 percent per square foot per year. This includes electricity, water, and natural gas with a goal of reducing energy consumption by 20 percent by the year 2015. To date the efforts of this program has resulted in more than \$90,000 in annual savings with an estimated \$170,000 potential for 2009 and \$222,000 annual savings by the end of 2010. The City will also perform a more detailed analysis of fuel consumption and look at means and methods to reduce fuel consumption.

Energy Conservation	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	203,000	213,000	223,000	235,000	246,000	259,000	1,379,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	203,000	213,000	223,000	235,000	246,000	259,000	1,379,000

### Environmental Compliance

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** N/A  
**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project will provide for the initial maintenance and repair of the City's best management practices (BMPs) components at City facilities as required by EPA standards. These standards require that all BMPs be surveyed and maintained on both an annual and semi-annual basis. The City currently has 12 such BMPs. The requested amount will bring the City into compliance and future year funding (estimated at \$42,500 per year) will be incorporated as part of the facilities maintenance budget.

**Changes from Prior Year:** \$100,000 in unallocated monies from FY 2009 remains in this project.

**Operating Impact:** This project will have no impact on the operating budget.

Environmental Compliance	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	100,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	100,000	0	0	0	0	0	0	0

## Public Buildings

### Elevator Replacement/Refurbishment

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** N/A  
**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides for the planned systematic replacement of elevators and/or their major operating components at select City facilities over the next five years. A total of \$950,000 million has been budgeted over two years (\$725,000 in FY 2010; and \$225,000 in FY 2011) for the replacement of the elevators at the Health Department Facility (4480 King Street) and the Detention Center elevators.

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.

**Changes from Prior Year:** There has been no change in funding for this project.

**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.

**Operating Impact:** This project will have no impact on the operating budget.

Elevator Replacement/Refurbishments	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	725,000	225,000	0	0	0	0	950,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	725,000	225,000	0	0	0	0	950,000

### Emergency Generators

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** 15 years  
**Managing Department:** General Services **Priority:** Essential

**Project Summary:** This project provides for the systematic planned replacement of generators at City facilities. A total of \$80,000 was budgeted in FY 2009 for this purpose.

**Changes from Prior Year:** The unallocated balance has increased by \$80,000 to a total of \$565,000.

**Project History:** In FY 2006, two generators were scheduled to be replaced at the Courthouse and the Public Safety Center. Due to the size and cost of the replacement generator (\$1.0 million) at the Public Safety Center, this work has been deferred while alternate funding sources are pursued to cover this cost. In FY 2008 and 2009, four generators (\$475,000) were replaced at City facilities including the General Services Fleet Services Division, Chinguapin Recreation Center, Casey Clinic, and the Lee Center. This substantially completed the replacement program. In FY 2009, four generators are scheduled to be replaced at the following City facilities: Chinguapin Recreation Center, T&ES Maintenance Facility, Gadsby's Tavern, and the MH/MR/SA and Health Department complex at 4480 King Street.

**Operating Impact:** This project will have no impact on the operating budget.

Emergency Generators	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	565,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	565,000	0	0	0	0	0	0	0

## Public Buildings

### General Services Capital Facilities Maintenance Plan (CFMP)

**Subsection:** Renovation and Reconstruction of Other City Facilities    **Estimated Useful Life of Improvement:** 25 years  
**Managing Department:** General Services    **Priority:** Essential

**Project Summary:** This project, the 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 that are 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.

In addition to the projects described above, funds are budgeted over six years 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 \$4.5 million has been planned over six years (FY 2010 – FY 2015) for this project. In addition, \$234,469 in prior-year unallocated balances remains.

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015 and compounded by 5 percent per year) to reflect increases in construction costs.

**Operating Impact:** This project will have no impact on the operating budget.

CFMP	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	234,469	661,500	695,000	729,000	766,000	804,000	844,000	4,499,500
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	<b>234,469</b>	<b>661,500</b>	<b>695,000</b>	<b>729,000</b>	<b>766,000</b>	<b>804,000</b>	<b>844,000</b>	<b>4,499,500</b>

## Public Buildings

### Market Square Renovations

**Subsection:** Renovation and Reconstruction of Other City Facilities

**Estimated Useful Life of Improvement:** 25 years (Phase I)  
20-40 years (Phase II)

**Managing Department:** General Services

**Priority:** Essential

**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 two-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, irrigation, water proofing, lighting, sealing of the garage deck, and other elements will be considered in a future CIP, possibly FY 2012. An additional \$300,000 is planned in FY 2012 for initial programming and design development activities for the Market Square Renovations.

**Changes from Prior Year:** There is no change in funding for this project.

**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:** This project will have no impact on the operating budget.

Market Square Renovations	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	300,000	TBD	0	0	300,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	300,000	TBD	0	0	300,000

### Payne Street Records Center

**Subsection:** Renovation and Reconstruction of Other City Facilities

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Desirable

**Project Summary:** This project provides for the creation of additional areas suitable for Alexandria artifacts that require a controlled climate (temperature and moisture) to ensure the stability of the material by modifying existing storage areas at the Payne Street Records Center. It also will provide for the expansion of the records center into a portion of the adjacent space previously occupied by the City Print Shop.

**Changes from Prior Year:** \$150,000 has been proposed in FY 2010 to provide for additional high density shelving and expansion to the former Print Shop space but due to fiscal constraints this project will not be funded. An unallocated balance of \$35,000 remains for this project.

**Project History:** In FY 2007, additional mobile shelving units and fire sprinkler upgrades were installed to expand the storage capacity of this facility.

**Operating Impact:** This project will have no impact on the operating budget.

Payne Street Records Center	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	35,000	150,000	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	35,000	0	0	0	0	0	0	0

## Public Buildings

### Space Management Program

**Subsection:** Renovation and Reconstruction of Other City Facilities **Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services

**Priority:** Essential

**Project Summary:** This City-wide program provides for the architectural assessment of City-owned and leased buildings; 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. \$100,000 is budgeted in FY 2010 to facilitate this program.

**Changes from Prior Year:** Total project funding has been reduced by \$100,000 (FY 2011) due to fiscal constraints. Funding for FY 2012 – 2015 will be determined in a later CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Space Management	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	100,000	0	TBD	TBD	TBD	TBD	100,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	100,000	0	TBD	TBD	TBD	TBD	100,000



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# PUBLIC TRANSPORTATION & TRAFFIC CONTROL

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## Public Transportation & Traffic Control

Subsection	Project	Unallocated Balance	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
<b>Public Transportation</b>									
	DASH Bus Facility	\$671,662	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DASH Bus Purchases	0	<b>2,777,000</b>	<b>8,328,750</b>	6,993,750	9,788,050	5,779,267	7,431,050	\$41,097,867
	Bicycle Rack Project - DASH Buses	0	0	0	210,000	0	0	0	\$210,000
	Transit Service Improvements	1,237,500	<b>1,257,000</b>	0	0	0	0	0	\$1,257,000
	Bus Shelters	730,000	0	0	0	0	0	0	\$0
	ADA Access	20,500	0	0	0	0	0	0	\$0
	WMATA Capital	1,899,145	8,915,000	11,147,000	11,281,000	15,000,000	13,000,000	13,000,000	
	Crystal City/Potomac Yard BRT	0	0	0	8,500,000	TBD	TBD	TBD	
	Potomac Yard Metrorail Station	0	0	0	TBD	TBD	TBD	TBD	\$0
	SAFETEA-LU Projects	7,707,413	2,902,700	0	0	0	0	0	\$2,902,700
<b>Traffic Signal Maintenance &amp; Traffic Control Computer</b>									
	Signal Optimization	\$193,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Fixed Equip.Replacement/Signs&Signals	742,500	<b>937,000</b>	<b>984,000</b>	1,033,000	1,085,000	1,139,000	1,196,000	\$6,374,000
	School Flashing Signals	45,000	0	0	0	0	0	0	\$0
	Duke Street Signal Optimization	0	0	0	0	0	0	10,000	\$10,000
<b>Total Expenditure Requests</b>		<b>\$13,246,720</b>	<b>\$16,788,700</b>	<b>\$20,459,750</b>	<b>\$28,017,750</b>	<b>\$25,873,050</b>	<b>\$19,918,267</b>	<b>\$21,637,050</b>	<b>\$132,694,567</b>
<b>Less Total Revenues</b>		<b>\$9,390,413</b>	<b>\$2,902,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,902,700</b>
<b>Subtotal Requests</b>		<b>\$3,856,307</b>	<b>\$13,886,000</b>	<b>\$20,459,750</b>	<b>\$28,017,750</b>	<b>\$25,873,050</b>	<b>\$19,918,267</b>	<b>\$21,637,050</b>	<b>\$129,791,867</b>
<b>Subtotal Unfunded</b>		<b>\$0</b>	<b>\$4,971,000</b>	<b>\$9,312,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,283,750</b>
<b>NET FUNDED CITY SHARE</b>		<b>\$3,856,307</b>	<b>\$8,915,000</b>	<b>\$11,147,000</b>	<b>\$28,017,750</b>	<b>\$25,873,050</b>	<b>\$19,918,267</b>	<b>\$21,637,050</b>	<b>\$115,508,117</b>

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

## Public Transportation & Traffic Control

### DASH Bus Facility

**Subsection:** Public Transportation

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** General Services/T&ES

**Priority:** Essential

**Project Summary:** This project provides for the construction of the new bus storage and maintenance facility, which is funded by \$35.0 million in VDOT Urban Fund monies. The planned DASH bus facility will include the functions of DASH Transportation and Administration; Bus Maintenance; service and inspection lanes; a possible bus storage facility; and shared parking deck for DASH, T&ES maintenance, and off-hour public use.

Construction began during the 3<sup>rd</sup> quarter of FY 2009 and is expected to be completed by the 3<sup>rd</sup> quarter of FY 2010. \$671,662 budgeted in FY 2009 as the City's match for this project remains unallocated.

**Changes from Prior Year:** There are no changes in funding for the project.

**Project History:** In FY 2000, City Council initially authorized staff to pursue the acquisition of a site for a new DASH facility to meet current and future system expansion needs. This was reaffirmed by City Council on January 22, 2002. A total of \$5.0 million in State funding was budgeted for DASH for land acquisition. The land was acquired in FY 2002. In July 2006, the City received approval of the Commonwealth Design-Build Board to utilize design-build as a procurement delivery method. The design-build solicitation was completed and the design-build contractor Hensel-Phelps was selected and approved by the Commonwealth Transportation Board in January 2008. This project is under construction, managed by General Services. Construction is expected to take approximately two years to complete.

**Operating Impact:** Operating costs are unknown at the time.

DASH Bus Facility	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Total Expend.	671,662	0	0	0	0	0	0	0
Total Revenues	0	0	0	0	0	0	0	0
Net City Share	671,662	0	0	0	0	0	0	0

## Public Transportation & Traffic Control

### Alexandria Transit Corporation (ATC) Bus Replacement and Expansion

Subsection: Public Transportation

Estimated Useful Life of Improvement: 10 years

Managing Department: T&ES

Priority: Highly Desirable

**Project Summary:** This project provides for the replacement and expansion of buses to the DASH fleet. The 2010 DASH Transit Development Program (TDP) includes the following scheduled purchases of buses by model year and fiscal year.

Planned Bus Purchases (FY 2010-FY 2015)							
Bus Model Year	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total
1998	5	4					9
1999		1	4				5
2000			2	6	2		10
2002					4	4	8
Expansion		10	6	10			26
<b>Total Buses</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>58</b>

On February 4, 2009, the DASH board approved its CIP request, which calls for additional expansion of the bus fleet to coincide with the construction of a new and larger bus facility, scheduled to be completed in 2009. Due to an overall gap in capital funding in FY 2010 and FY 2011, and the reduction in State Urban Funding, the request for bus purchases in those years has not been funded.

The cost of each bus in FY 2010 is estimated to be \$525,000 for a hybrid bus with a radio estimated at an additional \$5,000. The estimated cost per bus is inflated each year by 5%.

**Changes from Prior Year:** The cost per bus has been inflated by 5% in each year of the plan. \$7.4 million has been added to FY 2015 to reflect the continuation of the schedule.

**Project History:** The DASH bus system was implemented in 1984 as a supplement to Metrobus service operating in the City. The original four DASH routes were operated with a fleet of 19 buses. In FY 1990, nine new buses were purchased to provide new DASH bus routes to improve bus connections in the Eisenhower Valley and to the Van Dorn Metrorail station. Additional buses have been purchased since FY 1992, bringing the total DASH fleet to 59 buses as of the end of FY 2008.

**Operating Impact:** The annual operating cost associated with each additional bus is \$125,000, which includes personnel and maintenance costs.

DASH Buses	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Replacement	0	\$2,777,000	8,328,750	6,993,750	9,788,050	5,779,267	7,431,050	41,097,867
Total Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	6,993,750	9,788,050	5,779,267	7,431,050	41,097,867

## Public Transportation & Traffic Control

### Bicycle Rack Project - DASH Buses

Subsection: Public Transportation  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 10 years  
 Priority: Desirable

**Project Summary:** This project provides for the installation of bus racks on the DASH bus fleet. The racks will be mounted on the front of the buses and can fold up when not in use. Racks can hold two or three bicycles securely. The racks, in constant view of the driver, are secure. Providing bicycle racks on buses helps encourage more multimodal trips, expands ridership and improves bicycle access. Bicycle racks for buses range in cost but a typical cost per bus for the equipment, installation, training and shipping is close to \$3,000 per bus. \$210,000 is programmed in FY 2012 for this project.

Bus racks have been institutionalized throughout the country on many public transit systems. Currently, the Alexandria Transit System (DASH) is the only system in the Metropolitan Washington area that does not provide bike racks on its buses. In Virginia, more than a dozen jurisdictions uses bicycle racks on buses including Hampton Roads Transit, Greater Richmond Transit, Greater Lynchburg Transit, Fredericksburg Regional Transit, the City of Charlottesville and all jurisdictions in Northern Virginia.

**Project History:** This is a new project in the FY 2010 – FY 2015 CIP.

**Operating Impact:** This project will have no impact on the operating budget.

Bicycle Rack Project - DASH Buses	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	0	0	0	210,000	0	0	0	210,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	210,000	0	0	0	210,000

### Citywide Transit Service Improvements for Pedestrians

Subsection: Public Transportation  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 20 years  
 Priority: Highly Desirable

**Project Summary:** The Citywide Transit Improvements for Pedestrians project includes new or reconstructed sidewalks, accessible curb ramps and associated pavement markings, pedestrian and/or traffic signal improvements (if warranted). The specific locations currently identified for improvements include: Madison Street, Eisenhower Avenue, King Street and Russell Road. The City's Pedestrian and Bicycle Mobility Plan includes specific recommendations for "Access to Transit" improvements. These are new or reconstructed facilities within 1/16-mile (330 feet) of all conventional bus stops, 1/8-mile (660 feet) of all future bus rapid transit routes, and 1/2-mile of all Metrorail Stations. This project has 80% funding from a FY 2006 earmark, with a 20% City share. This funding was obligated on September 11, 2008. A \$267,000 City match (20%) for a \$990,000 FTA grant is unfunded in FY 2010. City match funds may be transferred from one of several other pedestrian improvement projects in the CIP.

**Changes from Prior Year:** There have been no changes in funding for this project.

**Operating Impact:** This project will have no impact on the operating budget.

Transit Service Improvements for Pedestrians	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	1,237,500	1,257,000	0	0	0	0	0	0
Less Revenues	990,000	990,000	0	0	0	0	0	0
Net City Share	247,500	267,000	0	0	0	0	0	0

# Public Transportation & Traffic Control

## Bus Shelters

**Subsection:** Public Transportation  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 20 years  
**Priority:** Essential

**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. In FY 2008, T&ES received \$500,000 in grant funds from the Regional Surface Transportation Program (RSTP) to rebuild and replace some of the existing Metrobus shelters in the City.

**Changes from Prior Year:** \$116,000 in total planned expenditures has been removed from FY 2012 – FY 2014.

**Project History:** WMATA is no longer installing bus shelters, and the City has taken over this activity. The bus shelter program has funded the completion of 16 shelters between 2005 and 2008. At the beginning of CY 2009 the City circulated an RFP to develop the site designs for the bus shelters and the performance requirements for the shelters.

**Operating Impact:** Maintenance of bus shelters throughout the City costs \$80,000 annually.

Bus Shelters	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	730,000	0	0	0	0	0	0	0
Less Revenues	500,000	0	0	0	0	0	0	0
Net City Share	230,000	0	0	0	0	0	0	0

## ADA Access

**Subsection:** Public Transportation  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 20 years  
**Priority:** Essential

**Project Summary:** This project provides for improved access for persons with disabilities at bus stops throughout the City. Monies 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. \$20,500 in prior year balance remains for this project.

**Changes from Prior Year:** \$49,000 in total planned expenditures has been removed from FY 2010 – FY 2014.

**Project History:** Funding levels have been compounded by 5 percent annually to reflect the increased costs of materials and labor associated with these projects. FY 2010 and FY 2011 funding is not included in this CIP due to overall funding constraints in those fiscal years.

**Operating Impact:** This project will have no impact on the operating budget.

ADA Access	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	20,500	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	20,500	0	0	0	0	0	0	0

## Public Transportation & Traffic Control

### Bus & Rail Replacement Improvement (WMATA Capital)

Subsection: Public Transportation  
 Managing Department: T&ES

Estimated Useful Life of Improvement: Not Applicable  
 Priority: Essential

**Project Summary:** 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 over the next six years.

Alexandria's share of the total combined "Metro Matters" (FY 2005 to FY 2010) and "Beyond Metro Matters" (FY 2011 to TBD) programs total an estimated \$72.3 million between FY 2010 and FY 2015. The FY 2011 – FY 2015 funding is a placeholder as WMATA has not yet developed a specific Metro Matters successor. 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 "Metro Matters" program will not accept.

The WMATA CIP consists of two broad categories - the Metro Matters Program and the Beyond Metro Matters Program. The Metro Matters Program was initiated in FY 2005 by the jurisdictional funding partnership established by the Metro Matters Funding Agreement. This program provides funding for the infrastructure Renewal Program (IRP), and for a group of high-priority transit projects, including Rail Cars and Facilities, Buses and Facilities, and Security Program. The Beyond Metro Matters Program, which will require a new interjurisdictional agreement between WMATA and local jurisdictions, includes funding for the Infrastructure Renewal Program-II (IRP-II) projects beyond the period of the Metro Matters Funding Agreement, for other IRP-II projects not incorporated into the Metro Matters Funding Agreement, and for the System Access/Capacity (SAP) and System Expansion Programs (SEP).

- Infrastructure Renewal Program (IRP) is the rehabilitation, replacement, and preventative maintenance of bus and rail infrastructure including fleet vehicles, facilities, track and tunnels, and information technology. The IRP is funded primarily by the federal government. Subsidies from local governments are the second largest source of funding.
- Rail Car Program will improve Metrorail performance by adding eight-car trains to some of the most overcrowded Metrorail lines, and will also support further ridership growth.
- Bus Program is aimed at relieving overcrowding and supporting future bus ridership growth.
- Security Program which is assumed to be fully federally funded as a homeland security initiative is aimed at improving Metro's capacity to operate in an emergency, as well as to prevent emergencies through the implementation of protective measures.

In FY 2009, WMATA intends to issue its final set of bonds for funding Metro Matters. This action should complete the Metro Matters program. In spring 2009, WMATA's Finance and Accounting Committee will prioritize the projects and project groupings for inclusion in the successor to Metro Matters. In spring/summer 2009, WMATA staff will be working with individual member jurisdictions to negotiate the terms of this successor agreement. The intention is to have an overall plan in place for WMATA Board action by January 2010.

**Changes from Prior Year:** FY 2011 – FY 2015 figures are estimates until such time as the successor to Metro Matters is finalized.

**Operating Impact:** This project will have a positive impact on the operating budget as the better the Metro system is maintained the less operating costs are negatively impacted.

WMATA Bus/Rail Capital	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Funded	1,899,145	8,915,000	11,147,000	11,281,000	15,000,000	13,000,000	13,000,000	72,343,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,899,145	8,915,000	11,147,000	11,281,000	15,000,000	13,000,000	13,000,000	72,343,000



## Public Transportation & Traffic Control

### Crystal City/Potomac Yard Transit Corridor

Subsection: Public Transportation  
 Managing Department: T&ES

Estimated Useful Life of Improvement: Permanent  
 Priority: Essential

**Project Summary:** This project provides funding for the implementation 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 capacity, high frequency Bus Rapid Transit (BRT) 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. Plans at this stage call for BRT as the transit solution, however light rail as an option, particularly in the long term, will be considered.

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 the Potomac Yard Developers which now has been delayed to approximately FY 2012. At this time that work is anticipated for FY 2012.

**Changes from Prior Year:** Because this project is not ready to move forward at this time, the \$8.5 million in FY 2009 funding for this project has been rescheduled to FY 2012.

**Operating Impact:** Specific impacts on the operating budget are unknown at this time, but there will need to be operating subsidies for new transit service.

**Project History:** Since the original site plan was developed 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 Study have concluded that a transitway, to be used by buses 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 is working with WMATA to complete the environmental documents necessary to expend Federal funds on this project. This phase of the project is anticipated to be completed in CY 2009.

Crystal City/ Potomac Yard BRT	Unallocated Balance	FY 2010 Proposed						Total FY2010-FY2015
		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015		
Funded	0	0	8,500,000	TBD	TBD	TBD	8,500,000	
Less Revenues	0	0	0	0	0	0	0	
Net City Share	0	0	8,500,000	TBD	TBD	TBD	8,500,000	

## Public Transportation & Traffic Control

### Potomac Yard Metrorail Station

**Subsection:** Public Transportation

**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** Permanent

**Priority:** Essential

**Project Summary:** This project provides for studies and planning relating to potentially constructing a new Metrorail station at Potomac Yard. At this current time, the station is in the very early feasibility study stage. The studies are planned to start in FY 2009 and be completed by December 2009. It has been recently estimated by Metro staff that the cost to construct a station (on the land reserved for a station) could be between \$100 million and \$125 million or more. These costs and plans need to be refined, as well as a draft plan of finance prepared to determine if the station could be financed within the resources that the City would likely need to obtain from multiple sources including federal, State, regional, City, and developer contributions. Other sources of funding to be considered include a special tax district, as well as tax increment financing. Specifically, study tasks include ridership projections for a station in this location, develop station financing alternatives, preliminary design activities, and calculating construction and operating costs.

Funding in the later years could be allocated for the construction of a Metrorail station at Potomac Yard if it is determined that the station should be constructed and a plan of finance which is feasible for the City to undertake is developed and approved.

**Changes from Prior Year:** Due to the availability of prior Metrorail TIFF balances at WMATA, which can fund the feasibility study, \$500,000 in prior year balance has been reprogrammed to fund the Potomac Yard and Waterfront Area planning processes in FY 2010.

**Operating Impact:** Specific impacts on the operating budget are unknown at this time. A new Metrorail station is certain to increase the City's operating subsidy to WMATA by a significant amount.

Potomac Yard Metrorail Station	Unallocated Balance	FY 2010 Proposed						Total FY2010-FY2015
		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015		
Funded	0	0	0	TBD	TBD	TBD	TBD	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	TBD	TBD	TBD	TBD	0

## Public Transportation & Traffic Control

### SAFETEA-LU Transportation Projects

Subsection: Public Transportation  
 Managing Department: T&ES

Estimated Useful Life of Improvement: Not applicable  
 Priority: Essential

**Project Summary:** A total of \$6.35 million in federal and state funding has been provided for the following transportation projects and programs:

- Eisenhower Valley Metro Area I and II: (\$3,853,128): for Eisenhower Valley transit improvements, including building a north entrance and an extended platform at the Eisenhower Metro station, as well as bus shelters, bus bays and crosswalks in order to make development in the area as transit-oriented as possible. Additionally, a study may be undertaken to analyze the potential for transit service between the east and west portions of the service corridor. The cost of this improvement may total approximately \$15.0 million.
- City-wide Transit (\$1,247,137): for City-wide transit improvements, including the replacement of WMATA bus shelters; additional bus shelters; and amenities such as real-time bus information displays, solar power lighting, and transit information accessible to people with vision impairments.
- Potomac Yard Transit (\$1,247,137): for transit improvements for Potomac Yard as part of the seven-year transit plan for this rapidly developing residential and commercial area, including proposed bus rapid transit.

**Changes from Prior Year:** \$4,262,711 in funds previously allocated to the City for Royal Street Bus Garage relocation (I & II) have been turned over to WMATA, which will manage the project.

**Project History:** On August 10, 2005, the Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) was signed into law providing for \$286.4 billion in guaranteed funding for federal surface transportation programs over six years through FY 2009, including \$52.6 billion for federal transit programs. Of that total \$567 million was earmarked for transportation projects in the Commonwealth of Virginia, with \$10.6 million earmarked for the City of Alexandria for the above projects.

In FY 2007 through FY 2012, the Commonwealth Department of Rail and Public Transportation allocated funds to provide the local match for SAFETEA-LU transportation projects.

In CY 2008 all of the FY 2006 SAFETEA-LU projects have been obligated by the FTA. Some of the FY 2007, including Eisenhower Valley and Potomac Yard Transit, have also been obligated. FY 2006 City-Wide Transit project has been obligated and funds are being utilized to develop real-time bus information system for the City of Alexandria.

**Operating Impact:** This project will have no impact on the operating budget.

SAFETEA-LU Transportation Projects	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	7,707,413	2,902,700	0	0	0	0	0	2,902,700
Less Revenues	7,707,413	2,902,700	0	0	0	0	0	2,902,700
Net City Share	0	0	0	0	0	0	0	0

## Public Transportation & Traffic Control

### Signal Optimization

**Subsection:** Traffic Signal Maintenance & Traffic Control Computer    **Estimated Useful Life of Improvement:** 10-15 years  
**Managing Department:** T&ES    **Priority:** Essential

**Project Summary:** This project provides for data collection, development of a traffic model, and optimization of signals in the west end of the City. This project is funded with federal Congestion Mitigation and Air Quality (CMAQ) monies and no City match is required. \$193,000 remains as an unallocated prior year balance.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** This is a CMAQ grant reimbursable project. A request for proposals was sent out and proposals were received in fall 2008. A contract is being negotiated for engineering services to optimize signal timing. These funds will be allocated in winter 2009.

**Operating Impact:** This project will have no impact on the operating budget.

Signal Optimization	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	193,000	0	0	0	0	0	0	0
Less Revenues	193,000	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	0	0

### Fixed Equipment Replacement/Signs & Signals

**Subsection:** Traffic Signal Maintenance & Traffic Control Computer    **Estimated Useful Life of Improvement:** 10-15 years  
**Managing Department:** T&ES    **Priority:** Highly Desirable

**Project Summary:** This project is ongoing and provides for the upgrade and maintenance of traffic control facilities, as well as the installation of new traffic signals at intersections currently passively controlled with STOP or YIELD signs. These projects will be mostly constructed by the City's annual signal contractor and other vendors under contract by the City. A total of \$4,453,000 (FY 2012 - FY 2015) has been budgeted for this project. The most recent project was the construction of the temporary traffic signal at T.C. Williams High School. Ongoing projects include the upgrade of the traffic signals along Washington Street. These signals are well over 20 years old and the poles, foundations, and underground conduit need to be replaced before failure occurs. \$1,921,000 is unfunded in FY 2010 and FY 2011 due to the presence of sufficient prior year balances to continue the program.

**Changes from Prior Year:** \$1,196,000 has been added for FY 2015 to continue this annual maintenance program.

**Operating Impact:** Each new traffic signal installed will increase operating costs by approximately \$825 for annual electricity costs.

Fixed Equip. Replacement/ Signs/Signals	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	742,500	937,000	984,000	1,033,000	1,085,000	1,139,000	1,196,000	6,374,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	742,500	937,000	984,000	1,033,000	1,085,000	1,139,000	1,196,000	6,374,000

# Public Transportation & Traffic Control

## School Flashing Signals

**Subsection:** Traffic Signal Maintenance & Traffic Control Computer    **Estimated Useful Life of Improvement:** 10-15 years  
**Managing Department:** T&ES    **Priority:** Essential

**Project Summary:** \$45,000 of unallocated prior year funds remains for field equipment, including remote time clocks, modems, and other related items. Final completion of this project is expected in fall 2009 before the beginning of the school year.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** In April 2006, \$60,000 was allocated for the purchase of a central school flasher system to control and monitor the City's school flashers. This new system allows staff to activate school flashers for unplanned events such as late school openings or early releases. In addition, this project addresses safety concerns for school children. In FY 2007 a Request for Proposal (RFP) was issued to solicit proposals for the school flasher system. This RFP was structured using the City's proposed WiFi system as the back bone of communications of the school flasher system. Before an award could be made, it became apparent that the City's WiFi system was not going to be constructed. A wireless communication solution is being developed and equipment will be purchased in Spring 2009.

**Operating Impact:** This project will have no impact on the operating budget.

School Flashing Signals	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	45,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	45,000	0	0	0	0	0	0	0

## Duke Street Congestion Mitigation

**Subsection:** Traffic Signal Maintenance & Traffic Control Computer    **Estimated Useful Life of Improvement:** 10-15 years  
**Managing Department:** T&ES    **Priority:** Essential

**Project Summary:** The purpose of this project is to improve traffic flow on Route 236 (Duke Street) by: 1) implementing traffic responsive signal control with optimized coordination timing plans; 2) installing improved vehicle detection; and 3) installing accessible pedestrian signals. Implementing traffic responsive control requires installing system detectors at all major traffic entry points onto Route 236 as well as the installation of twenty new traffic signal controllers. This project is 100 percent grant funded through the Regional Surface Transportation Program (RSTP).

**Changes from Prior Year:** \$10,000 has been added in the out-year (FY 2015) as a placeholder in the event that further capital improvements are required for this project.

**Project History:** The environmental review of this project has been completed and the project completion is anticipated to be completed in the first quarter of 2010.

**Operating Impact:** This project will have no impact on the operating budget.

Duke Street Congestion Mitigation	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Funded	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

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# STREET, BRIDGE, & PEDESTRIAN IMPROVEMENTS

## Street, Bridge, & Pedestrian Improvements

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## Street, Bridge, & Pedestrian Improvements

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
<b>Bridge Repairs &amp; Maintenance</b>									
	Bridge Repairs	\$1,010,000	\$507,000	\$533,000	\$559,000	\$587,000	\$616,000	\$647,000	\$3,449,000
	4 Mile Run Ped and Bike Bridge	0	<b>500,000</b>	0	0	0	0	0	\$500,000
	Wilkes Street Tunnel	0	0	0	165,000	750,000	0	0	\$915,000
	Monroe Ave Bridge Ped Access	700,000	<b>700,000</b>	0	0	0	0	0	\$700,000
<b>Pedestrian Improvements</b>									
	Sidewalk, Curb, & Gutter	\$157,500	<b>\$110,250</b>	<b>\$116,000</b>	\$122,000	\$128,000	\$134,000	\$141,000	\$751,250
	Edsall & South Pickett Ped Safety	0	120,000	0	0	0	0	0	\$120,000
	Pedestrian Improvements at Transit	174,088	<b>924,088</b>	0	0	0	0	0	\$924,088
	Wilkes Street Bikeway Safety	0	180,000	0	0	0	0	0	\$180,000
	King Street Metro Area Improvements	0	0	0	0	0	0	10,000	\$10,000
	Safe Routes to School	0	0	0	50,000	50,000	50,000	0	\$150,000
	On-Street Ped & Bike Safety	30,000	110,250	116,000	122,000	128,000	134,000	141,000	\$751,250
<b>Street Improvements</b>									
	Braddock Road Improvements	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Edsall Road	0	2,000,000	2,000,000	0	0	0	0	\$4,000,000
	Edsall Road - unfunded portion	0	0	<b>1,040,000</b>	0	0	0	0	\$1,040,000
	Eisenhower Avenue Widening	16,857,000	250,000	0	0	0	0	0	\$250,000
	King/Quaker Lane/Braddock Road	598,000	0	0	0	0	0	0	\$0
	King Street at Bradlee Shopping Center	0	0	0	50,000	0	0	0	\$50,000
	King / Beauregard Intersection	9,779,262	0	0	0	0	0	0	\$0
	Mill Road Slip Ramp & Extension	2,846,000	22,000	0	0	0	0	0	\$22,000
	Madison Montgomery Reconstruction	350,000	0	0	6,750,000	0	0	0	\$6,750,000
	Slater's Lane	756,650	0	0	0	0	0	0	\$0
	Street Reconstructions & Extensions	550,024	<b>386,000</b>	<b>174,000</b>	122,000	128,000	134,000	141,000	\$1,085,000
	iN-STEP (Traffic Calming)	645,000	<b>661,500</b>	<b>695,000</b>	729,000	766,000	804,000	844,000	\$4,499,500
	Alley Rehabilitation	315,000	<b>331,000</b>	<b>347,000</b>	365,000	383,000	402,000	422,000	\$2,250,000
	Miscellaneous Undergrounding	0	0	0	91,000	96,000	101,000	0	\$288,000
	King Street Paving	0	863,000	0	0	0	0	0	\$863,000
	Washington Street Paving	2,150,000	0	0	0	0	0	0	\$0
	Street Reconstructions TBD	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	\$8,000,000
<b>Total Expenditure Requests</b>		<b>\$37,118,524</b>	<b>\$7,665,088</b>	<b>\$5,021,000</b>	<b>\$11,125,000</b>	<b>\$5,016,000</b>	<b>\$4,375,000</b>	<b>\$4,346,000</b>	<b>\$37,548,088</b>
<b>Less Total Revenues</b>		<b>\$30,494,850</b>	<b>\$1,572,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$6,572,000</b>
<b>Subtotal Requests</b>		<b>\$6,623,674</b>	<b>\$6,093,088</b>	<b>\$4,021,000</b>	<b>\$10,125,000</b>	<b>\$4,016,000</b>	<b>\$3,375,000</b>	<b>\$3,346,000</b>	<b>\$30,976,088</b>
<b>Subtotal Unfunded</b>		<b>\$0</b>	<b>\$3,612,838</b>	<b>\$2,372,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,984,838</b>
<b>NET FUNDED CITY SHARE</b>		<b>\$6,623,674</b>	<b>\$2,480,250</b>	<b>\$1,649,000</b>	<b>\$10,125,000</b>	<b>\$4,016,000</b>	<b>\$3,375,000</b>	<b>\$3,346,000</b>	<b>\$24,991,250</b>

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

# Street, Bridge, & Pedestrian Improvements

## Bridge Repairs

**Subsection:** Bridge Repairs & Maintenance  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 15 years  
**Priority:** Essential

**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 \$3.45 million is planned over six years (FY 2010-FY 2015) 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
- 8: Very Good Condition
- 7: Good Condition
- 6: Satisfactory Condition
- 5: Fair Condition
- 4: Poor Condition
- 3: Serious Condition
- 2: Critical Condition
- 1: Imminent Failure Condition
- 0: Failed Condition

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent to account for increases in construction costs.

**Project History:** In November 2007, \$1 million was allocated for the repair and painting of bridges City-wide. During FY 2009, work will begin on the maintenance, repair, joint and crack sealing, spall and delimitation repairs, and bearing repairs 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) Beaugard Street Culvert over Holmes Run; (11) Van Dorn Street Culver at Holmes Run; and (12) Van Dorn Street Culvert over Backlick Run.

In FY 2009 and FY 2010, work will begin on the miscellaneous painting of the following bridges: (1) Beaugard Street Culvert at Holmes Run; (2) Duke Street Bridge over Holmes Run; (3) Cameron Station Overpass over Duke Street; (4) Telegraph Road Bridge over Mill Road and CSX/Norfolk Southern/WMATA railroads; (5) Telegraph Road Bridge over Duke Street; (6) Seminary Road Bridge over I-395; and (7) the US Route 1 Bridge over Four Mile Run. This work is expected to be completed in FY 2010. In addition, \$527,000 has been added to FY 2009 to fund the City share of the Virginia Department of Transportation's project to replace the superstructure of the Telegraph Road Bridge over Mill Road and the railroad tracks

**Operating Impact:** This project will have no impact on the operating budget.

Bridge Repairs	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	1,010,000	507,000	533,000	559,000	587,000	616,000	647,000	3,449,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,010,000	507,000	533,000	559,000	587,000	616,000	647,000	3,449,000

## Street, Bridge, & Pedestrian Improvements

### Four Mile Run Pedestrian and Bicycle Bridge

**Subsection:** Bridge Repairs & Maintenance

**Estimated Useful Life of Improvement:** TBD

**Managing Department:** T&ES

**Priority:** Highly Desirable

**Phase:** Phase 1 (Design/Preliminary Engineering)

**Project Summary:** This project provides for the design and physical engineering (PE) for a pedestrian and bicycle bridge proposed as part of the Four Mile Run Master Plan to connect the City of Alexandria with Arlington County. The proposed site for the bridge would connect Commonwealth Ave in Alexandria with S Eads Street in Arlington. This project is sponsored jointly by the City of Alexandria and Arlington County and managed by the Northern Virginia Regional Commission (NVRC). The City and County each agreed to contribute half of the required 20% in local matching funds for the initial Transportation Enhancement grant application. In effect, the city's portion is 10% of the total project cost of \$500,000. Arlington County is contributing \$50,000 and the grant, managed by NVRC, will account for \$400,000. The City's match funding will come from existing RPCA Bike Trails accounts and/or in-kind services provided by city staff in Planning & Zoning.

The \$50,000 City match for this project is listed as unfunded in FY 2010. No additional City money will be allocated for this grant match. The City will use existing balances within its bike trails maintenance programs to leverage these grant revenues.

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Operating Impact:** This project will have no impact on the operating budget.

4 Mile Run Pedestrian & Bike Bridge	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	500,000	0	0	0	0	0	0
Less Revenues	0	450,000	0	0	0	0	0	0
Net City Share	0	50,000	0	0	0	0	0	0

## Street, Bridge, & Pedestrian Improvements

### Wilkes Street Ramp/Tunnel

Subsection: Bridge Repairs & Maintenance  
 Managing Department: T&ES

Estimated Useful Life of Improvement: TBD  
 Priority: Desirable

**Project Summary:** This project has been separated into two phases: I) structural repairs; and II) aesthetic and historic preservation elements. In Phase I, the brick arch inside of the tunnel was strengthened by the placement of steel "ribs", and lighting and minor drainage improvements were made. The structural remediation is underway and was completed during the spring of calendar year 2008. A total of \$915,000 in funding is budgeted in FY 2012 and FY 2013 for Phase II of this project.

**Changes from Prior Year:** \$915,000 is budgeted over two years (\$165,000 in FY 2012 and \$750,000 in FY 2013) for aesthetic repairs and historic preservation.

**Project History:** Wilkes Street Tunnel is a historic landmark that was originally built to accommodate a steam driven rail line serving the industrial waterfront. This tunnel currently functions as pedestrian and bicycle access between South Royal Street and South Union Street. The tunnel also provides direct residential access to Windmill Hill Park, the waterfront, and the Mount Vernon Trail along South Union Street. In FY 2004 a structural analysis found that the tunnel is not capable of supporting 36 ton vehicles as required by federal design guidelines and as a result a structural enhancement project was funded and completed. However, aesthetic and historic preservation elements were deferred.

**Operating Impact:** This project will have no impact on the operating budget.

Wilkes Street Tunnel	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	165,000	750,000	0	0	915,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	165,000	750,000	0	0	915,000

# Street, Bridge, & Pedestrian Improvements

## Monroe Avenue Pedestrian Access Ramp

**Subsection:** Bridge Repairs & Maintenance  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 15 years  
**Priority:** Desirable

**Project Summary:** This project provides funding for the design and construction of an ADA-accessible pedestrian connection from the new Route 1 Bridge (formerly Monroe Avenue Bridge) to Monroe Avenue. Upon completion, the newly straightened Route 1 Bridge will no longer directly connect to Monroe Avenue. This ramp would maintain that connection for pedestrians and shorten travel time. \$700,000 remains in prior year unallocated balances for the construction of this project.

The \$700,000 request in FY 2010 for this project is unfunded in the Proposed CIP. This project is on hold until such time when sufficient funding is identified to complete construction or the project is cancelled.

**Changes from Prior Year:** \$700,000 in new funding requested in FY 2010 for design and construction of the pedestrian access for the new bridge in the FY 2010 – FY2015 CIP is unfunded due to budget constraints.

**Project History:** This pedestrian connection was requested by City Council in 2003, when the replacement bridge project was approved. A total of \$300,000 was provided in the Re-appropriation Ordinance of November 2006 for design funds for this project. \$2 million previously planned for FY 2009 will not be necessary. \$700,000 in prior year allocated balance formerly budgeted in Public Transportation Projects TBD was added to this project. The source of these prior year funds was the City's decal fee revenues for FY 2008.

**Operating Impact:** This project will have no impact on the operating budget.

Monroe Ave Bridge Ped. Access Ramp	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	700,000	700,000	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	700,000	0	0	0	0	0	0	0

## Sidewalk, Curb, & Gutter Program

**Subsection:** Pedestrian Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Very Desirable

**Project Summary:** This project provides funding for new construction of miscellaneous sidewalks, curbs, gutters, crosswalks, and access ramps throughout the City. In addition, this project provides for pedestrian improvements as intersections or areas are identified. The Transportation Master Plan calls for 17.5 miles of new sidewalks across Alexandria. The City is currently seeking to fill gaps in its pedestrian network, particularly near transit facilities and activity centers as part of its Community Pathways initiative. A total of \$525,000 has been planned over four years (FY 2012 – FY 2015) for this project.

A total of \$226,250 in FY 2010 and FY 2011 requests are not funded due to overall fiscal constraints and the availability of prior year balances.

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent to account for increases in construction costs.

## Street, Bridge, & Pedestrian Improvements

**Project History:** In 1970, City Council adopted a policy for constructing sidewalks, on a priority basis, on at least one side of streets that are within 1,000 feet of schools and along major arterial roadways. In 2007, the City has designed approximately 1,000 linear feet of new sidewalks to be installed in early 2008 and plans to add an additional 7,100 linear feet. Some projects completed in FY 2008 were: new sidewalks on the 5700 block of Edsall Road, the 500 block of Janney's Lane, and 210 Woodland Terrace; new access ramps and sidewalks at the Van Dorn Street/Maris Avenue intersection, at Clyde Street and Uhler Avenue, Old Dominion Boulevard and Four Mile Run, and Seminary Road and North Pickett Street. Projects planned for FY 2009 and FY 2010 are new sidewalks in the 300 and 400 block of Cambridge Road, North Pegram Street and Polk Avenue; sidewalks and access ramps on Braddock Road between Russell Road and Windsor Street; access ramps and median cut-throughs on Duke Street at North Paxton Street; and access ramps and side-path improvements on Eisenhower Avenue near Lake Cook.

**Operating Impact:** This project will have no impact on the operating budget.

Sidewalk, Curb, & Gutter	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	157,500	110,250	116,000	122,000	128,000	134,000	141,000	525,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	157,500	0	0	122,000	128,000	134,000	141,000	525,000

### Edsall Road and S. Pickett Street Pedestrian Safety

**Subsection:** Pedestrian Improvements      **Estimated Useful Life of Improvement:** TBD  
**Managing Department:** T&ES      **Priority:** Highly Desirable  
**Phase:** Phase 1 (Design/Preliminary Engineering)

**Project Summary:** This project will focus on pedestrian safety projects that have been identified as "high-priority" in the City's Pedestrian and Bicycle Mobility Plan. High-priority projects were determined by analyzing incidences of reported crashes, assessing existing conditions, considering existing and predicted future demand and considering public input. The intersection of South Pickett Street and Edsall Road in Alexandria's West End will provide important pedestrian safety improvements to a newly installed sidewalk on Edsall Road. 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 funding for this project is through VDOT's Regional Surface Transportation Program (RSTP) and has no City match. The project has a signed Project Agreement.

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Project History:** N/A

**Operating Impact:** This project will have no impact on the operating budget.

Edsall & South Pickett Ped. Safety	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	120,000	0	0	0	0	0	120,000
Less Revenues	0	120,000	0	0	0	0	0	120,000
Net City Share	0	0	0	0	0	0	0	0

# Street, Bridge, & Pedestrian Improvements

## Transit Facilities Pedestrian Improvements

**Subsection:** Pedestrian Improvements

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** T&ES

**Priority:** Desirable

**Project Summary:** This project is intended to provide multi-modal access along the north and south sides of the Duke Street corridor from a transit station on the western city limits near Landmark Plaza to a transit station at Landmark Mall (the eastern terminus is South Walker Street). The project is consistent with the recommendations prepared for the city in the Transportation Element Technical Report of the Landmark/Van Dorn Small Area Plan. Construction is expected to begin in CY 2009.

The City share of this grant appears unfunded for FY 2010. The grant will be matched by prior year unallocated balances transferred from the now deleted King Street Metro Station Sidewalks project.

**Changes from Prior Year:** \$10,000 is budgeted in the out-year (FY 2015) as a placeholder in the event that further capital improvements are required in a future CIP.

**Project History:** In June 2007, a total of \$924,088 was allocated for this project. Of this amount, \$750,000 was funded with Congestion Mitigation Air Quality (CMAQ) grant monies facilitated via the Virginia Department of Transportation, with a local match of \$174,088.

**Operating Impact:** This project will have no impact on the operating budget.

Transit Facilities Pedestrian Improvements	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	174,088	924,088	0	0	0	0	0	924,088
Less Revenues	0	750,000	0	0	0	0	0	750,000
Net City Share	174,088	174,088	0	0	0	0	0	174,088

## Wilkes Street Bikeway Safety

**Subsection:** Pedestrian Improvements

**Estimated Useful Life of Improvement:** TBD

**Managing Department:** T&ES/RPCA

**Priority:** Highly Desirable

**Phase:** Phase 1 (Design/Preliminary Engineering)

**Project Summary:** This project involves bicycle intersection improvements to intersections identified as "high-priority" in the City's Pedestrian and Bicycle Mobility Plan. High-priority projects were determined by analyzing incidences of reported crashes, assessing existing conditions, considering existing and predicted future demand and considering public input. Wilkes Street in Old Town Alexandria provides an on-road bikeway connection that runs east-west between major off-road pathways. The proposed scope of this project includes addition of bicycle signal detection & associated signalization improvements; bicycle intersection safety features; bicycle wayfinding signage; curb ramp improvements to connecting a shared use path; crosswalk markings and bicycle lane markings. The \$180,000 in special revenue for this project is provided through a Regional Surface Transportation Program (RSTP) grant to the City through VDOT. A project administrative agreement has been signed. This project funding is reimbursable at 100% (no City match).

**Changes from Prior Year:** This is a new project in the FY 2010 – FY 2015 CIP.

**Customer Service Level Impact:** TBD

**Operating Impact:** This project will have no impact on the operating budget.

Wilkes Street Bikeway Safety	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	180,000	0	0	0	0	0	180,000
Less Revenues	0	180,000	0	0	0	0	0	180,000
Net City Share	0	0	0	0	0	0	0	0

# Street, Bridge, & Pedestrian Improvements

## King Street Station Area Improvements

Subsection: Pedestrian Improvements  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 50 years  
 Priority: Desirable

**Project Summary:** A variety of other improvements, including wayfinding signs, signal coordination, traffic safety devices, crosswalk and street striping, and street and sidewalk redesign have been completed or are underway using previously allocated funds. This project absorbs the scope of work from the following projects in prior CIP's: King Street Metro North Entrance; King Street Metro Platform Extension; King Street Metro Station Sidewalks; Other King Street Metro Area Improvements; and Union Station Pedestrian Improvements.

**Changes from Prior Year:** The prior year balances from King Street Metro Station Sidewalks and Other King Street Metro Area Improvements have been transferred to the Transit Facilities Pedestrian Improvements project to serve as the City's match for a \$750,000 CMAQ grant for pedestrian access improvements. \$10,000 has been added in FY 2015 in case future investments in this project are desired.

**Operating Impact:** This project will have no impact on the operating budget.

King Street Metro Station Area Improvements	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

## Safe Routes to School

Subsection: Pedestrian Improvements  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 15 years  
 Priority: Very Desirable

**Project Summary:** This project provides funding for necessary pedestrian and bicycle safety infrastructure improvements in school zones. Typical infrastructure enhancements include pedestrian safety improvements, such as staggered medians, illumination and signalization improvements, or raised walkways in high traffic areas to improve visibility of children who walk. The project includes provision of pedestrian countdown timers in locations City-wide, intersection safety improvements and sidewalks at Barrett, George Mason, Cora Kelly and Polk Elementary Schools and bicycle parking at schools City-wide. This funding request is for City Council supported programs for reducing reliance on single-occupant vehicles, particularly in neighborhoods where school-related traffic contributes to morning congestion. A total of \$150,000 over three years (FY 2012 – FY 2014) is planned for this project.

**Changes from Prior Year:** There has been no change in the funding requested for this project.

**Project History:** In June 2007, \$25,000 was allocated for public education and outreach associated with necessary pedestrian infrastructure improvements in school zones.

**Operating Impact:** This project will have no impact on the operating budget.

Safe Routes to School	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	50,000	50,000	50,000	0	150,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	50,000	50,000	50,000	0	150,000



# Street, Bridge, & Pedestrian Improvements

## On-Street Pedestrian and Bicycle Safety Enhancement

**Subsection:** Pedestrian Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** This project provides for the construction of on-street safety enhancements, including specialized signals, markings and signage, crossing islands and channeling, bicycle parking, and detection devices at intersections. Projects – particularly signing, striping and signals – are coordinated with annual street resurfacing and maintenance. The funding in this program provides safety and encourages non-motorized transportation, and it is intended particularly to reduce reliance on single-occupant vehicles. The projects are identified in the City's Transportation Master Plan and Pedestrian-Bicycle Mobility Plan.

The pedestrian and bicycle elements of the City's draft Transportation Master Plan call for the addition of 645 new marked crosswalks and 672 re-striped crosswalks, 251 new pedestrian countdown signals and 243 accessible pedestrian signals, 418 new accessible curb ramps, 148 bus stop improvements, nearly 20 roadway centerline miles of new bicycle lanes, and 16.4 centerline miles of shared lane bicycle markings.

A total of \$751,250 is planned over six years (FY 2010 – FY 2015) for this project.

**Changes from Prior Year:** Annual funding has been compounded by 5 percent to account for increases in construction costs and extended to the out-year (FY 2015).

**Project History:** Bicycle safety projects in FY 2008 included parking improvements in Old Town and Del Ray and on-street bicycle safety improvements on Braddock Road and Mount Vernon Avenue.

**Operating Impact:** This project will have no impact on the operating budget.

On-Street Pedestrian & Bicycle Safety Enhancements	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	30,000	110,250	116,000	122,000	128,000	134,000	141,000	751,250
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	30,000	110,250	116,000	122,000	128,000	134,000	141,000	751,250

## Braddock Road Improvements

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** This project provides for improvements to the Braddock Road area between West Street and Mount Vernon Avenue. Phase I of this project includes the improvement of the median and pedestrian elements at the intersection of West Street and Braddock Road by eliminating free-flow right turns and by widening the medians. This project also includes landscaping improvements in medians and adjacent to the roadway. \$200,000 in prior year unallocated monies remains for this project, which will be completed in conjunction with storm sewer improvements at this intersection. The City is currently studying alternatives for the Braddock Road/West Street storm sewer improvements.

**Changes from Prior Year:** There has been no change in funding for this project.

**Operating Impact:** This project will have no impact on the operating budget.

Braddock Road Improvements	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	200,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	200,000	0	0	0	0	0	0	0

# Street, Bridge, & Pedestrian Improvements

## Edsall Road

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**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 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 gutters and sidewalks on the north side of Edsall Road are also showing signs of settlement. A concept study is complete and the cost estimate has been developed and escalated for inflation. Construction and design funding for this project are now budgeted in FY 2010 and FY 2011.

A total of \$4.0 million is planned for this project in FY 2010 and FY 2011. This project will be a participant in the State's revenue sharing program for transportation projects, which means the City will receive \$1.0 million in state match in both FY 2010 and FY 2011. The final \$1,040,000 necessary to complete the entire project is not currently funded. However, the project is scalable and the City can complete the portion of the project for which there is sufficient funding.

**Changes from Prior Year:** This project will be submitted into the State's revenue sharing program for transportation projects with the expectation of receiving \$2.0 million in State revenues to help offset the project costs. The project schedule has also been moved forward one fiscal year to best take advantage of this opportunity.

**Operating Impact:** This project will have no impact on the operating budget.

Edsall Road	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	2,000,000	2,000,000	0	0	0	0	4,000,000
<i>unfunded</i>	0	0	1,040,000	0	0	0	0	
Less Revenues	0	1,000,000	1,000,000	0	0	0	0	2,000,000
Net City Share	0	1,000,000	1,000,000	0	0	0	0	2,000,000

## Eisenhower Avenue Widening

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** This project provides for the widening of Eisenhower Avenue between Holland Lane and Stovall Street in order to accommodate additional through lanes, turn lanes, and a wider, landscaped median in accordance with City plans for Eisenhower East. Since Eisenhower Avenue is the principal roadway through Eisenhower Valley, where significant development is underway, this widening should be initiated and completed in a timely manner to avoid extensive traffic disruption. \$1.0 million was allocated in January 2008 for the design of this project and the design is thirty percent complete. The total cost of this entire project is estimated to be as high as \$18.4 million depending on land acquisition costs. Funding was revised in the FY 2009 – FY 2014 CIP budget to match the State Urban Funding. The City's match for these funds is to come from the prior year balance of \$359,800.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** In January 2008, a total of \$1 million in State funding was allocated for the design of this project.

**Operating Impact:** This project will have no impact on the operating budget.

Eisenhower Avenue Widening	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	16,857,000	250,000	0	0	0	0	0	250,000
Revenues	16,497,200	250,000	0	0	0	0	0	250,000
Net City Share	359,800	0	0	0	0	0	0	0

## Street, Bridge, & Pedestrian Improvements

### King/Quaker Lane/Braddock Road Intersection

Subsection: Street Improvements  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years  
 Priority: Very Desirable

**Project Summary:** This project provides funding to study the intersection of King Street, Quaker Lane, and Braddock Road and provide a thorough review of the existing design and traffic flow and recommend steps for redesign to improve the intersection for both motorists and pedestrians. This intersection is currently one of the most congested areas in the City. \$598,000 (\$448,000 in State Urban Funds and \$150,000 in prior year unallocated City monies) remains for this project.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** In October 2007, \$200,000 in State funds was allocated to begin this project. A consultant has developed and analyzed several options for improving this intersection. A final proposal with cost estimates is expected in spring 2009.

**Operating Impact:** This project will have no impact on the operating budget.

King / Quaker Ln / Braddock Rd Intersection	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	598,000	0	0	0	0	0	0	0
State Urban Funds	448,000	0	0	0	0	0	0	0
Net City Share	150,000	0	0	0	0	0	0	0

### King Street at Bradlee Shopping Center

Subsection: Street Improvements  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years  
 Priority: Very Desirable

**Project Summary:** Owners of the Bradlee Shopping Center, located at the intersection of King Street, Quaker Lane, and Braddock Road, have identified a series of traffic related improvements to their facilities that will improve access and circulation, increase parking and enhance safety in the area. \$50,000 remains budgeted in an out year (FY 2012) for future improvements at this location.

**Changes from Prior Year:** There is no change in the funding for this project.

**Operating Impact:** This project will have no impact on the operating budget.

King Street at Bradlee Shopping Center	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	50,000	0	0	0	50,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	50,000	0	0	0	50,000

# Street, Bridge, & Pedestrian Improvements

## King & Beauregard Intersection Improvements

**Subsection:** Street Improvements

**Estimated Useful Life of Improvement:** 25 years

**Managing Department:** T&ES

**Priority:** Essential

**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. \$2.0 million was allocated in June 2005 for the design of this project.

In the FY 2008 to FY 2013 submission to VDOT, the City requested that an additional \$4.5 million be reallocated so that the total remaining funding of \$9.8 million was available. The \$9.8 million (\$432,262 City match) remains unallocated.

**Changes from Prior Year:** There has been no change in funding for this project.

**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. 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 the Arlington County Board), 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 has 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 2009 and construction is anticipated to begin in FY 2010.

**Operating Impact:** This project will have no impact on the operating budget.

King & Beauregard Intersection Improvements	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	9,779,262	0	0	0	0	0	0	0
State Urban Funds	9,347,000	0	0	0	0	0	0	0
Net City Share	432,262	0	0	0	0	0	0	0

# Street, Bridge, & Pedestrian Improvements

## Mill Road Slip Ramp & Extension

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** This funding provides for Phase II of this project to extend the roadway west from the Telegraph Road overpass to Eisenhower Avenue, and is currently programmed in the VDOT Six-year Improvement Plan. The City is recommending that ramp improvements at Mill Road and Telegraph Road be constructed to provide an access ramp to Interstate 495, and has begun a feasibility study, as well as VDOT required Interchange Modification Report (IMR). Pending the conclusion of that study, the schedule and budget for this project will be established.

**Phase I Realignment:** The existing Mill Road, from approximately Roberts Lane on the east to the Telegraph Road overpass on the west, has been realigned to remove hazardous curves from the roadway. Construction began in June 2002 and was completed in Winter 2003.

**Phase II Extension:** Phase II was originally intended as the extension of Mill Road west from the Telegraph Road overpass to Eisenhower Avenue, beyond the new Department of Motor Vehicles (DMV) center. This was found to be unfeasible. The State and Federal funding will be reprogrammed at a later date.

In addition, this project provides \$500,000 for the design of an access ramp to Interstate 495 at Mill Road to alleviate recurring congestion at the Telegraph Road and Interstate 495 interchange. This project is critical to the region as a means of easing traffic congestion and provides for safe emergency evacuation and is currently under study.

A total of \$2.9 million (\$2.8 million in State funds and \$100,000 in City Share) has been budgeted for this project. Studies are currently being done using State funds. The current project estimate is \$1.5 million if the slip ramp is constructed at the same time as the Telegraph Road Ramp D. If constructed later, construction costs will be considerably higher.

**Changes from Prior Year:** There is no change in the funding for this project.

**Project History:** In October 2007, \$150,000 (\$147,000 in State funds and \$3,000 in City Share) was allocated for a study to determine if an access ramp can be constructed to connect Mill Road traffic to the existing ramp to Westbound I-495 (Beltway Inner Loop).

**Operating Impact:** This project will have no impact on the operating budget.

Mill Road Slip Ramp & Extension	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	2,846,000	22,000	0	0	0	0	0	22,000
Less Revenues	2,746,000	22,000	0	0	0	0	0	22,000
Net City Share	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# Street, Bridge, & Pedestrian Improvements

## Madison/Montgomery Street

**Subsection:** Street Improvements

**Managing Department:** T & ES

**Phase:** Phase 3 (Design)

**Estimated Useful Life of Improvement:** 25 years

**Priority:** Very Desirable

**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 has contributed to the continual settling of the ground, which has led to warped pavement and unstable roadways in the area. In addition, this project provides for sinkhole remediation at the Montgomery Park tennis courts. Studies have been completed and the final design started in fall 2008.

**Changes from Prior Year:** \$350,000 of the \$700,000 in prior year balance has been reprogrammed to the Washington Street Paving project (match for State revenue sharing). Construction funding of \$1.7 million has been moved from FY 2010 to FY 2012 and increased by \$4.7 million.

**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 subbase of the streets will need to be stabilized in addition to some full and partial depth roadway reconstruction to improve drainage.

**Schedule:** This project is currently in phase 3, the design phase. Design is expected to be completed by winter 2009. The construction timeline will be contingent on the future funding schedule.

**Customer Service Level Impact:** 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.

**Operating Impact:** This project will have no impact on the operating budget.

Madison/ Montgomery Streets	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	350,000	0	0	6,750,000	0	0	0	6,750,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	350,000	0	0	6,750,000	0	0	0	6,750,000

### Capital Performance Measures

On-time (within projected time period)

On-budget (within project range of costs)

Smooth grade of roadway, limited ponding

## Street, Bridge, & Pedestrian Improvements

### Slaters Lane

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Very Desirable

**Project Summary:** This project provides funding for crossing improvements for the at-grade railroad crossing on Slaters Lane. The City is working with the Department of Rail and Public Transportation (DRPT) to upgrade the existing railroad crossing on Slaters Lane. The project consists of two phases. The first phase was the installation of a new at-grade crossing which was completed in May 2007.

The second phase is the future construction of warning devices at the existing location. The second phase will be constructed in the summer 2009, after utility relocation is completed. A total of \$756,650 in prior year unallocated monies remain for this project. Of this amount, \$456,650 represents State funding and developer contributions.

**Changes from Prior Year:** There has been no change in funding for this project.

**Project History:** The track reconstruction across Slater's Lane is completed.

**Operating Impact:** This project will have no impact on the operating budget.

Slaters Lane	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	756,650	0	0	0	0	0	0	0
Less Revenues	456,650	0	0	0	0	0	0	0
Net City Share	300,000	0	0	0	0	0	0	0

### Street Reconstructions & Extensions

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 50 years  
**Priority:** Very Desirable

**Project Summary:** This project supports miscellaneous street reconstruction and rehabilitation projects and streetscaping throughout the City. The following streets are under design or construction: Maple Street between Commonwealth Avenue and Mount Vernon Avenue. A total of \$525,000 is budgeted over four years for these projects. In addition, \$550,024 in prior year unallocated monies remain for enhancing the infrastructure, including streets, sanitary and storm sewers, and storm management in public right-of-ways to meet the needs of City projects. \$560,000 in FY 2010 and FY 2011 is unfunded due to overall fiscal constraints and the presence of a significant prior year balance.

Planned projects include Woodland Terrace from Cameron mills to Virginia Avenue, Davis Avenue from Summit to Crestwood Avenue, Enderby Drive from Cameron Mills to Old Dominion Boulevard, Halcyon Drive from Old Dominion to North Overlook Drive, South Overlook Drive from Cameron Mills to North Overlook Drive, West Glebe Road from Milan to Martha Custis Drive, and North Van Dorn Street from Menokin to 1000 feet southbound.

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent to account for increases in construction costs.

**Project History:** Projects recently completed include Russell Road to Commonwealth Avenue and East Reed Avenue, Commonwealth Avenue to Jefferson Davis Highway, and Maple Street between Commonwealth Avenue and Little Street.

**Operating Impact:** This project will have no impact on the operating budget.

Street Reconst. & Extensions	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	550,024	386,000	174,000	122,000	128,000	134,000	141,000	525,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	550,024	0	0	122,000	128,000	134,000	141,000	525,000

# Street, Bridge, & Pedestrian Improvements

## iN-STEP (Traffic Calming)

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Desirable

**Project Summary:** The Neighborhood Safety Transportation Enhancement Program (iN-STEP) will address and implement community-based transportation safety enhancement projects. This program will address both small scale projects (i.e. traffic calming on local roads, and small scale pedestrian and bicycle improvements) and large scale corridor and intersection improvements. This project provides funding to design and construct physical traffic calming safety measures within the right-of-way to preserve neighborhoods and enhance safety by diverting cut-through traffic, lowering traffic speeds, and highlighting pedestrian crossing areas. Some measures include speed cushions, raised intersections, center island narrowing, and "bulb-outs." A total of \$3.1 million has been planned over four years (FY 2012-FY 2015). In addition, \$645,000 in prior year unallocated balance remains for this project. \$1.4 million is unfunded in FY 2010 and FY 2011 due to overall fiscal constraints and the presence of a significant prior year balance.

**Changes from Prior Year:** Monies requested in the FY 2009-2014 CIP that were unfunded in FY 2010 and FY 2011 have been added back. Also, annual funding has been extended to FY2015 and increased 5% for inflation.

**Project History:** Current projects include the intersection of North Pegram Street and Pickett Street and the intersection of East Glebe Road, Montrose Avenue and Ashby Street.

**Operating Impact:** This project will have a modest impact on the City's maintenance budget starting in FY 2009.

iN-STEP (Traffic Calming)	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	645,000	661,500	695,000	729,000	766,000	804,000	844,000	3,143,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	645,000	0	0	729,000	766,000	804,000	844,000	3,143,000

## Alley Rehabilitation Program

**Subsection:** Street Improvements  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Desirable

**Project Summary:** This project provides funding for the rehabilitation of public alleys City-wide, which includes approximately 25 lane miles of public alleys. Of these lane miles, approximately 20 lane miles have not had maintenance or reconstruction in at least 20 years, which has resulted in drainage problems and deteriorated pavement conditions. Upcoming projects include more than 4,300 feet of alley in locations off of Colonial Avenue, Evans Lane, Dale Street, Lynhaven Drive, Wesmond Drive, and Montrose Avenue. \$1.6 million is planned over four years (FY 2012 – FY 2015) for this project. \$678,000 remains unfunded in FY 2010 and FY 2011.

**Changes from Prior Year:** Annual funding has been extended to the out-year (FY 2015) and compounded by 5 percent to account for increases in construction costs.

**Project History:** In June 2007, \$305,000 was reprogrammed from this project to the Public Alley at Mt. Vernon Avenue project.

**Operating Impact:** This project will have no impact on the operating budget.

Alley Rehabilitation Program	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	315,000	331,000	347,000	365,000	383,000	402,000	422,000	1,572,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	315,000	0	0	365,000	383,000	402,000	422,000	1,572,000



# Street, Bridge, & Pedestrian Improvements

## Miscellaneous Undergrounding

Subsection: Street Improvements  
 Managing Department: T&ES

Estimated Useful Life of Improvement: Permanent  
 Priority: Essential

**Project Summary:** This project provides the City's share of undergrounding utilities and related costs 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 \$288,000 has been planned over three years (FY 2012 – FY 2014) for this project.

**Changes from Prior Year:** There has been no change in funding for this project.

**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:** This project will have no impact on the operating budget.

Miscellaneous Undergrounding	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	91,000	96,000	101,000	0	288,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	91,000	96,000	101,000	0	288,000

## King Street Paving

Subsection: Street Improvements  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 15 years  
 Priority: Essential

**Project Summary:** This project provides for the paving of King Street, between Union Street and the Masonic Temple. This portion of King Street is in need of resurfacing due to damage caused by cuts, cracks, and depressions. It has been 15 years since this portion of King Street was paved. Heavy traffic and the age of the surface, in addition to numerous utility cuts, have made this paving project necessary. This project was unfunded in the FY 2009 – FY 2014 CIP, but \$863,000 has now been programmed in FY 2010.

**Changes from Prior Year:** \$863,100 is budgeted in FY 2010 for this project.

**Operating Impact:** This project will have no impact on the operating budget.

King Street Paving	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	863,000	0	0	0	0	0	863,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	863,000	0	0	0	0	0	863,000

## Street, Bridge, & Pedestrian Improvements

### Washington Street Paving

Subsection: Street Improvements

Managing Department: T&ES

Estimated Useful Life of Improvement: 15 years

Priority: Essential

**Project Summary:** The condition of Washington Street, the City's portion of the George Washington Memorial Parkway, has greatly deteriorated. It has been more than 15 years since the roadway was last paved, and a high volume of traffic has contributed to its deterioration. The roadway serves more than 55,000 vehicles daily, making it one of the most heavily traveled arterials in the City. This street has highly active pedestrian crossings and four designated on-street bicycle routes cross Washington Street within the project limits. Since Washington Street has not be repaved for more than 15 years, its' sidewalks, curb and gutter, pavement markings, traffic loop detectors, signs and signals will need extensive rehabilitation to bring them up to current standards. The scope of this project is the rehabilitation and repaving of VA 400/Washington Street between First Street to the north and the Church Street to the south (1.59 miles). The total project cost is estimated at \$2,150,000, with \$1.0 million to come from State revenue sharing and \$1.15 million in City share.

**Changes from Prior Year:** Staff applied for and was approved for \$1 million from the Virginia revenue sharing program to offset costs associated with this project (pending final approval from the Commonwealth Transportation Board). \$350,000 was added to the project in FY 2010 in order to match the revised estimated costs submitted to the State. \$1.8 million in prior-year unallocated balance remains, with the \$1 million revenue leaving a City share of \$800,000 in the unallocated balance. With the additional \$350,000 added in FY 2010 (reprogrammed from Madison/Montgomery St), the total City share is \$1.15 million.

**Operating Impact:** This project will have no impact on the operating budget.

Washington Street Paving	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	2,150,000	0	0	0	0	0	0	0
Less Revenues	1,000,000	0	0	0	0	0	0	0
Net City Share	1,150,000	0	0	0	0	0	0	0

### Street Reconstruction Projects TBD

Subsection: Street Improvements

Managing Department: T&ES

Estimated Useful Life of Improvement: TBD

Priority: Essential

**Project Summary:** The City intends to participate in the State revenue sharing program for transportation projects every fiscal year. This program requires street reconstruction projects of at least \$2.0 million in total costs in order to receive the State revenues of \$1.0 million. In FY 2010 and FY 2011, the City will apply for these revenues to offset the costs of the Edsall Road Reconstruction project. Specific projects for FY 2012 – FY 2015 have not yet been identified, but the total cost of these projects will be \$8.0 million with \$4.0 million in State revenues coming back to the City.

**Changes from Prior Year:** In FY 2009, the City's Washington Street Repaving project was approved for this program.

**Operating Impact:** Given the uncertain nature of the exact use of these funds, there currently is no identifiable impact on the operating budget.

Street Reconstructions TBD	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Revenue Sharing	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Net City Share	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000

## Street, Bridge, & Pedestrian Improvements

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# SEWERS

## Sewers

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## Sewers

Subsection	Project	Unallocated Balance	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
<b>Sanitary Sewers</b>									
	Commonwealth Service Chamber	\$0	\$370,000	\$0	\$2,700,000	\$0	\$0	\$0	\$3,070,000
	4 Mile Run Sanitary Sewer Repair	\$0	\$0	\$300,000	\$0	\$1,500,000	\$0	\$0	\$1,800,000
	Reclaimed Water System via WTE Plant	0	350,000	TBD	TBD	TBD	0	0	\$350,000
	Sanitary Sewer Siphon Rebuild	0	0	0	100,000	305,000	820,000	862,000	\$2,087,000
	Correction of Infiltration & Inflow	1,000,000	0	0	0	0	0	0	\$0
	Hooff's Run Sanitary Sewer	60,000	0	661,500	0	0	0	0	\$661,500
	Holmes Run Trunk Sewer	6,037,000	0	0	0	0	0	0	\$0
	Mitigation of CSO's	1,712,690	276,000	289,000	304,000	319,000	335,000	335,000	\$1,858,000
	Reconst. & Extension of Sanitary Sewers	1,861,000	1,404,050	949,000	997,000	1,047,000	1,099,000	1,154,000	\$6,650,050
	Sanitary Sewer Capacity Study	380,000	399,000	419,000	200,000	200,000	200,000	200,000	\$1,618,000
	Sewer Separation Projects	500,000	525,000	551,000	579,000	608,000	638,000	670,000	\$3,571,000
	Street Reconst. due to Sanitary Sewers	367,500	386,000	405,000	425,000	447,000	469,000	493,000	\$2,625,000
	Holmes Run I & I	700,000	1,035,000	7,908,669	0	8,720,684	0	8,231,000	\$25,895,353
<b>Storm Sewers</b>									
	Miscellaneous Storm Sewer Repairs	\$572,650	<b>\$224,000</b>	<b>\$235,000</b>	\$247,000	\$259,000	\$272,000	\$286,000	\$1,523,000
	Key Drive Flood Mitigation	0	0	0	0	2,000,000	0	0	\$2,000,000
	Taylor's Run at Janney's Lane	0	551,250	0	0	0	0	0	\$551,250
	Oronoco Outfall	2,127,670	0	0	0	0	0	0	\$0
	Storm & Combined Assessment	600,000	0	<b>450,000</b>	900,000	900,000	900,000	900,000	\$4,050,000
	NPDES / MS4 Permit	175,000	0	0	0	0	0	0	\$0
	Braddock & West Storm Sewer	200,000	0	0	TBD	0	0	0	\$0
	Storm Sewer Capacity Analysis	787,500	827,000	868,000	0	0	0	0	\$1,695,000
<b>Total Expenditure Requests</b>		<b>\$17,081,010</b>	<b>\$6,347,300</b>	<b>\$13,036,169</b>	<b>\$6,452,000</b>	<b>\$16,305,684</b>	<b>\$4,733,000</b>	<b>\$13,131,000</b>	<b>\$60,005,153</b>
<b>Less Total Revenues</b>		<b>\$617,670</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Subtotal Requests</b>		<b>\$16,463,340</b>	<b>\$6,347,300</b>	<b>\$13,036,169</b>	<b>\$6,452,000</b>	<b>\$16,305,684</b>	<b>\$4,733,000</b>	<b>\$13,131,000</b>	<b>\$60,005,153</b>
<b>Subtotal Unfunded</b>		<b>\$0</b>	<b>\$224,000</b>	<b>\$685,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$909,000</b>
<b>NET FUNDED CITY SHARE</b>		<b>\$16,463,340</b>	<b>\$6,123,300</b>	<b>\$12,351,169</b>	<b>\$6,452,000</b>	<b>\$16,305,684</b>	<b>\$4,733,000</b>	<b>\$13,131,000</b>	<b>\$59,096,153</b>

NOTE: Values that are shaded represent requests that are not funded in the Proposed CIP. These projects will not proceed unless funding is identified.

1/ City sanitary sewer revenues from the sanitary sewer fund, which now fund 100 percent of sanitary sewer capital costs for all the proposed six years of the CIP, are reflected separately in the funding sources table (Summary Funding Tables section) as City revenues.

## Sewers

### Commonwealth Service Chamber

Subsection: Sanitary Sewers  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years  
 Priority: Essential

**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 will be similar to two located on the Holmes Run Trunk Sewer that protect the low lying developed areas in the Eisenhower Valley. \$370,000 is budgeted in FY 2010 for the design of this project, with construction to occur in FY 2012 at a budgeted cost of \$2.7 million.

**Changes from Prior Year:** This is a new project, not previously in the CIP.

**Operating Impact:** This project will have no impact on the operating budget

Commonwealth Service Chamber	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	370,000	0	2,700,000	0	0	0	3,070,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	370,000	0	2,700,000	0	0	0	3,070,000

### Four Mile Run Sanitary Sewer Repair

Subsection: Sanitary Sewers  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years  
 Priority: Essential

**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 for design in FY 2011 and \$1.5 million for construction in FY 2013.

**Changes from Prior Year:** This is a new project, not previously in the CIP.

**Operating Impact:** This project will have no impact on the operating budget

Four Mile Run Sanitary Sewer Repair	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	300,000	0	1,500,000	0	0	1,800,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	300,000	0	1,500,000	0	0	1,800,000

## Sewers

### Reclaimed Water System via Eisenhower Avenue Waste-to-Energy Plant

Subsection: Sanitary Sewers

Estimated Useful Life of Improvement: 40 years

Managing Department: T&ES

Priority: Essential

**Project Summary:** This project will fund a feasibility study for a reclaimed water system. Reuse is an integral part of water resources management, wastewater management, and ecosystem management. It reduces demands on valuable surface and ground waters used for drinking water sources and may add capacity at the Water Reclamation Facility. Based on growth pressures within the City and current regulatory nutrient constraints at the Alexandria Sanitation Authority's (ASA) Advanced Waste Treatment Facility, ASA and the City are funding a study to evaluate the feasibility, constructability and potential cost benefits of operating a wastewater reuse system to service the Covanta Waste-to-Energy Plant located on Eisenhower Avenue.

Operating costs will be evaluated during the study. The \$350,000 budgeted for FY 2010 will provide for the feasibility study. Depending on the timing of the study and initial findings, more funding may be needed for full completion. Design and construction costs will be determined after the study is complete.

**Changes from Prior Year:** This is a new project, not previously in the CIP.

**Operating Impact:** The operating impact is not known at this time.

Reclaimed Water System via WTE	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	350,000	TBD	TBD	TBD	0	0	350,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	350,000	TBD	TBD	TBD	0	0	350,000

### Sanitary Sewer Siphons Rebuild

Subsection: Sanitary Sewers

Estimated Useful Life of Improvement: 40 years

Managing Department: T&ES

Priority: Essential

**Project Summary:** This project will evaluate the hydraulic capacity of 30 sanitary sewer siphons City-wide in order to alleviate capacity constraints that may be causing sewage backups. \$2.1 million is budgeted for four years from FY 2012 to FY 2015 for study, design, and construction to correct the sewage backups.

**Changes from Prior Year:** This is a new project, not previously in the CIP.

**Operating Impact:** This project will have no impact on the operating budget

Sanitary Sewer Siphons Rebuild	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	100,000	305,000	820,000	862,000	2,087,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	100,000	305,000	820,000	862,000	2,087,000



# Sewers

## Correction of Infiltration/Inflow

**Subsection:** Sanitary Sewers

**Managing Department:** T&ES

**Phase:** Phase IV (Construction)

**Estimated Useful Life of Improvement:** 40 years

**Priority:** Essential

**Project Summary:** This project provides for the evaluation and remediation of infiltration/inflow conditions in older parts of the City's separate sanitary sewer system. These areas include the sanitary sewer systems tributary to the Commonwealth Interceptor and areas in the Holmes Run sewer service area. During wet weather, infiltration and inflow into these older sanitary sewers have created overload conditions causing basement back-ups. This project will identify leaking sewers and connections (which allow excessive infiltration/inflow to enter sewers) and correct the problem through the repair of the sewers and removal of direct storm water sources such as down spouts.

**Changes from Prior Year:** There are no changes in funding for this capital project.

**Project History:** This correction program was started in FY 1999 when studies were conducted in the Four Mile Run sewer service area. This area is a tributary to the Four Mile Run Pumping Station and comprises the upper part of the City served by the Commonwealth Interceptor. As a result of these studies, the City conducted field inspections and flow monitoring of the existing sewers. Field inspections included street by street TV investigations of sewers, followed by visual investigations of connections employing nondestructive methods such as dye and smoke testing to identify the sources of connections to the existing sewers. The fieldwork and monitoring was performed by dividing sewer service areas into sections and proceeding through each section sequentially. Fieldwork was completed in the sanitary sewer system's tributary to the Commonwealth Interceptor. Construction on the Commonwealth Interceptor sewer shed began in fall 2005 and was completed in the spring of 2007. Field work in the Taylor Run sub-shed of the Holmes Run sewer service area was completed in summer 2007.. The studies show the sanitary sewers require substantial repairs to correct broken and cracked pipe, root intrusion, leaking joints, damaged connections between street sewers and laterals (house sewer connections), and leaking manholes. Most of the conditions can be remediated by internal repair methods such as installation of an internal lining in the pipe. However, some conditions such as broken pipes require excavation and replacement to restore the structural integrity of the sewer. The information from the field work completed to date shows that the relining and repairs required to reduce inflow and infiltration to non-excessive quantities and restore structural integrity are substantially greater than previously anticipated. Construction began in Summer 2008 and will be completed in Summer 2010, and post construction flow monitoring will be completed in Winter 2011. To date, approximately \$11 million has been spent on this project.

**Schedule:** This project is currently in the construction phase (Phase 4). Construction began in the summer of 2008. Construction is expected to be completed during summer 2010 and post-construction flow monitoring will be completed in winter 2011.

**Customer Service Level Impact:** This project will reduce infiltration and inflow in sanitary sewer lines as well as reduce the need for emergency repairs. Some reduction in Average Daily Flow at the Alexandria Sanitation Authority Advanced Waste Water Treatment Facility is anticipated, resulting in a small amount of ultimate future City capacity availability.

**Operating Impact:** This project will have no impact on the operating budget.

Correction of Infiltration/Inflow	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	1,000,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,000,000	0	0	0	0	0	0	0
<b>Capital Performance Measures</b>								
On-time (within projected time period)								
On-budget (within projected range of costs)								
Reduction in Inflow and infiltration in the sanitary sewer systems								

# Sewers

## Hooff's Run Sanitary Sewer Relocation

Subsection: Sanitary Sewers  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years  
 Priority: Essential

**Project Summary:** This project provides for the relocation of the Hooff's Run Sanitary Sewer. During the field evaluation of the Commonwealth Inflow and Infiltration project, an existing sanitary sewer was identified as located beneath the Hooff's Run storm box culvert. Access restrictions prevent rehabilitation of the existing sewer via trenchless relining. Consequently, the rehabilitation method requires that the sewer be relocated. This project includes funds for the design and construction of the sanitary sewer relocation and will provide the additional benefit of future maintenance access. Design of this project will begin in fall 2009, with construction expected to begin in winter 2010 and be completed in summer 2011. \$60,000 was budgeted in FY 2009 for design and \$661,500 is budgeted for construction in FY 2011.

**Changes from Prior Year:** In the FY 2009 – FY 2014 approved CIP program, \$630,000 was planned in FY 2010 for construction of this project. In the FY 2010 – FY 2015 CIP, the \$630,000 for construction was moved to FY 2011 and increased by a 5% inflation factor. The amount budgeted for construction in 2011 is \$661,500.

**Operating Impact:** This project will have no impact on the operating budget.

Hooff's Run Sanitary Sewer Relocation	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	60,000	0	661,500	0	0	0	0	661,500
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	<b>60,000</b>	<b>0</b>	<b>661,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>661,500</b>

## Holmes Run Trunk Sewer

Subsection: Sanitary Sewers  
 Managing Department: Transportation & Environmental Services

Estimated Useful Life of Improvement: 40 years  
 Priority: Essential

**Project Summary:** This project provides for an increase in capacity in the Holmes Run trunk sewer line, required to support rapid 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.

**Project History:** Phase I of this project included relining the western portion of the trunk sewer and was 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. Construction costs are estimated at \$5.3M (FY 2012) and total additional consultant costs for design and construction management are estimated at \$700,000. Alexandria Sanitary Authority maintains this trunk sewer. A total of \$6.0 million in prior year unallocated monies remains for this project.

**Changes from Prior Year:** There has been no change in funding for this project.

**Operating Impact:** This project does not have an impact on the City's operating budget, since it is maintained by the Alexandria Sanitation Authority.

Holmes Run Trunk Sewer	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	6,037,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	<b>6,037,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# Sewers

## Mitigation of CSOs

**Subsection:** Sanitary Sewers  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 40 Years  
**Priority:** Essential

**Project Summary:** This project provides for the mitigation of combined sewer overflows. 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. \$1.7 million in prior year unallocated funds remains to be used for the program required by the existing permit. In addition, a total of \$1.9 million has been planned over six years (FY 2010 through FY 2015). These funds will be used to continue the implementation of permit conditions and solids and floatables control through FY 2015.

**Changes from Prior Year:** Annual funding has been added to the out-year (FY 2015) and compounded by 5 percent per year to account for increases in construction costs.

**Project History:** The City, through its engineering consultant, began 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.

The City reapplied for its permit during FY 2006 and the permit was re-issued in FY 2007. The new permit requires additional monitoring, modeling, and reporting requirements, including:

- A five year bacteria monitoring for Hunting Creek to assess impacts of CSO discharges from Royal Street and Duke Street (via Hooff's Run) outfalls and additional monitoring at Oronoco Bay.
- Additional monitoring, modeling, reporting, and evaluation throughout the permit term of the discharges from all CSO outfalls.
- More frequent inspections, increased maintenance activities, and more detailed record keeping and performance reporting for all parts of the combined sewer system.

Future permits may require the City to revise its LTCP, which may include partial separation, detention, or end of pipe technologies. 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.

**Operating Impact:** This project will have no impact on the operating budget.

Mitigation of CSOs	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	1,712,690	276,000	289,000	304,000	319,000	335,000	335,000	1,858,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,712,690	276,000	289,000	304,000	319,000	335,000	335,000	1,858,000

# Sewers

## Reconstructions & Extensions of Sanitary Sewers

**Subsection:** Sanitary Sewers  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 40 years  
**Priority:** Essential

**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 \$6.65 million is planned over six years (FY 2010-FY 2015) for this project. This includes \$2.17 million for a comprehensive program that will fund the relining of sewers on an as needed basis outside of the City's Inflow and Infiltration (I/I) program areas on an annual basis. In addition, \$1.41 million is included for repair of existing, aging sanitary sewers City-wide.

Other sanitary sewers in the City have more significant problems and require reconstruction. Sites identified with non-standard existing sanitary sewers that have high maintenance problems slated for reconstruction include the siphon at Hooff's Run; the siphon at Commonwealth Avenue and Glebe Road; and the siphon near Edison Street and Four Mile Run. While these projects have been identified as needing construction, other projects may be added or substituted as identified.

**Changes from Prior Year:** Annual funding has been compounded by 5 percent per year to account for increases in construction costs and extended to the out-year (FY 2015).

**Project History:** In FY 1987, the City initiated an on-going program to reline existing leaking sewers in the City. In the FY 2009 approved CIP, a total of \$500,000 was added to complete delayed sanitary sewer projects. Projects include West Uhler Avenue between Commonwealth Avenue and Sanford Street; Forrest Street, Hickory Street and Groves Avenue; Diagonal Road between King Street and Daingerfield Road; 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:** This project will have no impact on the operating budget.

Recon. and Extensions of San Sewers	Unallocated Balance	FY 2010 Proposed						Total FY2010-FY2015
		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015		
Expenditures	1,861,000	1,404,050	949,000	997,000	1,047,000	1,099,000	1,154,000	6,650,050
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,861,000	1,404,050	949,000	997,000	1,047,000	1,099,000	1,154,000	6,650,050

# Sewers

## Sanitary Sewer Capacity Studies

Subsection: Sanitary Sewers  
 Managing Department: T&ES

Estimated Useful Life of Improvement: As Updated  
 Priority: Essential

**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 ongoing development.

**Changes from Prior Year:** \$200,000 has been added each year from FY 2012 through FY 2015 to this project. A total of \$1.6 million is planned over six years for this project.

**Project History:** This project was added to the CIP in FY 2009. A study was begun in Fall 2007 and is expected to be completed in Winter 2012. Flow metering of the Alexandria Sanitation Authority's trunk sewers and interceptors will begin in FY 2010 and will be continuous. \$200,000 has been added each year from FY 2012 through FY 2015 and will be ongoing.

**Operating Impact:** This project will have no impact on the operating budget.

Sanitary Sewer Capacity Studies	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	380,000	399,000	419,000	200,000	200,000	200,000	200,000	1,618,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	380,000	399,000	419,000	200,000	200,000	200,000	200,000	1,618,000

## Sewer Separation Projects

Subsection: Sanitary Sewers  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years  
 Priority: Essential

**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 may result in completing the separation of a larger area. Opportunities may also arise in conjunction with redevelopment in the combined sewer area.

**Changes from Prior Year:** Annual funding has been compounded by 5 percent per year to account for increases in construction costs and extended to the out-year (FY 2015). A total of \$3.6 million has been planned (FY 2010 - FY 2015) for this project.

**Project History:** This project was added to the CIP in FY 2009. Projects are being identified first for design.

**Operating Impact:** This project will have no impact on the operating budget.

Sewer Separation Projects	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	500,000	525,000	551,000	579,000	608,000	638,000	670,000	3,571,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	500,000	525,000	551,000	579,000	608,000	638,000	670,000	3,571,000

# Sewers

## Street Reconstructions Due to Sanitary Sewers

Subsection: Sanitary Sewers  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years  
 Priority: Essential

**Project Summary:** This project provides funds for reconstruction of streets following small, individual sewer reconstruction projects, such as the recently completed Royal Street relief sewer. Sewer reconstruction projects often result in partial or complete demolition of streets. Streets to be reconstructed include: Forrest Street; Hickory Street; Groves Avenue; West Uhler Avenue between Commonwealth Avenue and Sanford Street; Diagonal Road between King Street and Daingerfield Road; and a sewer located in an alley between East Monroe Avenue and East Nelson Avenue. A total of \$2.6 million is planned over six years (FY 2010 – FY 2015) for this project.

**Changes from Prior Year:** Annual funding has been compounded by 5 percent per year to account for increases in construction costs and extended to the out-year (FY 2015)

**Project History:** In FY 2008, reconstruction of West Caton Avenue was completed..

**Operating Impact:** This project will have no impact on the operating budget.

Street Recon. Due to Sanitary Sewers	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	367,500	386,000	405,000	425,000	447,000	469,000	493,000	2,625,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	367,500	386,000	405,000	425,000	447,000	469,000	493,000	2,625,000

## Holmes Run Sewershed Inflow and Infiltration

Subsection: Sanitary Sewers  
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years  
 Priority: Essential

**Project Summary:** This project provides for the evaluation and remediation of infiltration/inflow conditions for the sanitary sewer system in the Holmes Run sewershed. During wet weather, infiltration and inflow into the sanitary sewers have created overload conditions causing basement backups. The field work and monitoring will be 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) will be identified via street by street CCTV inspection of sewers. The results of this field work will be evaluated to develop remediation projects that are expected to include the relining of sewers and manhole repairs. Construction costs will be more accurately determined based on the results of field evaluations.

**Changes from Prior Year:** A total of \$25.9 million is planned over six years (FY2010 – FY 2015) for this project. Beginning in FY 2011, construction money will be included in the CIP for every other year, starting at the \$7.9 million level and increasing 5% per year for inflation. This overall project cost has increased by \$9.3 million (\$300,000 in FY 2010, \$330,000 in FY 2011, \$480,000 in FY 2013, and \$8.2 million in FY 2015).

**Project History:** In June 2007, \$631,440 was allocated to begin an assessment of the Holmes Run Infiltration/Inflow.

**Operating Impact:** This project will have no impact on the operating budget.

Holmes Run I & I	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	700,000	1,035,000	7,908,669	0	8,720,684	0	8,231,000	25,895,353
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	700,000	1,035,000	7,908,669	0	8,720,684	0	8,231,000	25,895,353

### Capital Performance Measures

On-time (within projected time period)
On-budget (within projected range of costs)
Reduction in Inflow and infiltration in the sanitary sewer systems

## Sewers

### Sanitary Sewer Line Maintenance Charge:

The sanitary sewer line maintenance charge for FY 2010 remains at \$1.00 per 1,000 gallons of water consumption as part of the Council approved multi-year phased rate increase intended to attain full cost recovery of all sanitary sewer maintenance and construction expenditures. The rate increase began in FY 2004 with an increase from \$0.20 per 1,000 gallons to \$0.40 per 1,000 gallons. The FY 2005 rate was \$0.60 per 1,000 gallons. In FY 2006, the rate was increased to \$1.00 per 1,000 gallons of water, or approximately \$70 per year for a typical household. A higher rate may be needed beyond the \$1.00 rate in future fiscal years to handle additional debt service costs and if VADEQ mandates new CSO requirements. The revenue from the fees collected will be used for the following:

<b>SANITARY SEWER SOURCES AND USES FY 2010 - FY 2015</b>							
REVENUE SOURCE/2	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Usage Fee -Operating	\$5,943,353	\$5,943,353	\$5,943,353	\$5,943,353	\$5,943,353	\$5,943,353	\$5,943,353
Connection Fee- Capital(Budget)	\$1,545,000	\$1,575,900	\$1,623,177	\$1,671,872	\$1,722,028	\$1,773,689	\$1,773,689
Use of Fund Balance	\$144,222	\$135,261	\$0	\$555,758	\$0	\$0	\$2,933,183
Sewer Fund Bonds/1	\$0	\$0	\$6,788,331	\$0	\$8,348,316	\$0	\$4,050,308
<b>Sources Subtotal</b>	\$7,632,575	\$7,654,514	\$14,354,861	\$8,170,983	\$16,013,697	\$7,717,042	\$14,700,533
<b>USES</b>							
Taylor Run Infiltration & Inflow	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Reconstruction and Extension	\$1,361,000	\$1,404,050	\$949,000	\$997,000	\$1,047,000	\$1,098,878	\$1,099,000
Holmes Run Trunk Sewer	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Holmes Run Infiltration & Inflow	\$700,000	\$1,035,000	\$7,912,000	\$0	\$8,724,000	\$0	\$8,231,000
Combined sewer Mitigation	\$262,500	\$276,000	\$289,000	\$304,000	\$319,000	\$335,000	\$352,000
Street Reconstructions due to Sewers	\$367,500	\$386,000	\$405,000	\$425,000	\$447,000	\$469,000	\$493,000
Sanitary Sewer Capacity Study	\$380,000	\$399,000	\$419,000	\$200,000	\$200,000	\$200,000	\$200,000
Separation Project	\$500,000	\$525,000	\$551,000	\$579,000	\$608,000	\$638,000	\$670,000
Hooffs Run Relocation	\$60,000	\$0	\$661,500	\$0	\$0	\$0	\$0
Sanitary Sewer Projects to be Determined	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>4-Mile Run Sanitary Sewer Repair</b>	\$0	\$0	\$300,000	\$0	\$1,500,000	\$0	\$0
<b>Non-Potable Water System</b>	\$0	\$350,000	TBD	TBD	TBD	\$0	\$0
<b>Commonwealth Service Chamber</b>	\$0	\$370,000	\$0	\$2,700,000	\$0	\$0	\$0
<b>Sanitary Sewer Siphons Rebuild</b>	\$0	\$0	\$0	\$100,000	\$305,000	\$820,000	\$862,000
Operating Expenditures/3	\$1,677,665	\$1,635,115	\$1,668,000	\$1,701,000	\$1,735,000	\$177,000	\$1,805,000
Debt Service	\$1,323,910	\$1,274,349	\$1,200,361	\$1,164,983	\$1,128,697	\$1,045,981	\$988,533
<b>Uses Subtotal</b>	\$7,632,575	\$7,654,514	\$14,354,861	\$8,170,983	\$16,013,697	\$4,783,859	\$14,700,533
<b>ENDING BALANCE/4</b>							
	\$0	\$0	\$0	\$0	\$0	\$2,933,183	\$0

/1 It is anticipated that the City will need to issue General Obligation Bonds in FY 2011, FY 2013, and FY 2015 backed by the Sanitary Sewer Fund (debt service payments funded by sanitary sewer fees) in order to implement this entire program.

/2 Actual revenues may vary.

/3 Includes \$1,176,677 in personnel costs and \$458,438 in non-personnel costs for FY 2010.

/4 The \$2,933,183 in FY 2014 end-of-year balance is planned to be utilized as a FY 2015 funding source.

# Sewers

## Miscellaneous Extension and Replacement of Storm Sewers

Subsection: Storm Sewers

Estimated Useful Life of Improvement: 25 years

Managing Department: T&ES

Priority: Highly Desirable

**Project Summary:** \$1.1 million is planned over four years (FY 2012-FY 2015) for this continuing essential infrastructure maintenance project, used for tasks identified throughout the year and also for scheduled projects. In addition, \$572,800 in prior year unallocated monies remains budgeted. A portion of this budget will be used for the replacement of the 72 inch corrugated metal (CM) pipe at Edsall Road and Cameron Station that has shown signs of potential structural failure and for several other projects related to deteriorating conditions and new developments, including DASH-Witter Storm Water Improvements and Upland/Braxton storm sewer.

Funds will also be used for a hydraulic study of the storm water shed to determine capacity inadequacies in various locations of the Commonwealth Avenue storm water outfall system. Additionally, this project will fund projects identified on an as needed basis.

A total of \$459,000 is unfunded in FY 2010 and FY 2011 for this project. Prior year balances will be used in FY 2010 and FY 2011. If funding is insufficient to extend through FY 2011, work will have to be put on hold until new funding becomes available.

**Changes from Prior Year:** Annual funding has been compounded by 5 percent per year to account for increases in construction costs and extended to the out-year (FY 2015)

**Project History:** Recently completed projects include East Maple Street Storm Sewer reconstruction. Funds were also used for a hydraulic study of the storm watershed to determine capacity inadequacies in various locations for the Commonwealth Avenue/Glebe Road storm water outfall.

**Operating Impact:** This project will have no impact on the operating budget.

Storm Sewer Recon. & Exten.	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	572,650	224,000	235,000	247,000	259,000	272,000	286,000	1,064,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	572,650	0	0	247,000	259,000	272,000	286,000	1,064,000

## Key Drive Flood Mitigation

Subsection: Storm Sewers

Estimated Useful Life of Improvement: 25 years

Managing Department: T&ES

Priority: Highly Desirable

**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:** \$2.0 million is budgeted in FY 2013 for construction.

**Operating Impact:** This project will have no impact on the operating budget.

**Project History:** \$1.0 million has been allocated to date for this project. Design is currently underway and an additional \$2.0 million in new funding is budgeted in FY 2013 for construction.

Key Drive Flood Mitigation	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	2,000,000	0	0	2,000,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	2,000,000	0	0	2,000,000



## Sewers

### Taylor's Run at Janney's Lane

**Subsection:** Storm Sewers  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** This project provides for the replacement of a deteriorating culvert at Taylor Run and Janney's Lane. During replacement, the culvert will also be enlarged to alleviate flooding that occurs during major storm events. \$500,000 has been allocated in FY 2009 to begin this project. \$551,210 is budgeted for construction in FY 2010.

**Changes from Prior Year:** \$551,250 is budgeted in FY 2010. This was proposed in the FY 2009 – 2014 CIP but was unfunded due to fiscal constraints.

**Operating Impact:** This project will have no impact on the operating budget.

Taylor's Run at Janney's Lane	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
Expenditures	0	551,250	0	0	0	0	0	551,250
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	551,250	0	0	0	0	0	551,250

### Oronoco Outfall

**Subsection:** Storm Sewers  
**Managing Department:** T&ES

**Estimated Useful Life of Improvement:** 25 years  
**Priority:** Essential

**Project Summary:** \$2.1 million in prior year unallocated monies remains budgeted to address ground 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 19<sup>th</sup> and 20<sup>th</sup> centuries. The City has been accepted into the Virginia Voluntary Remediation Program for the site with the Virginia Department of Environmental Quality (VDEQ). The City has retained an environmental consultant to study the extent of contamination and to develop and implement a remediation program to clean up the site. Washington Gas is working cooperatively with the City on this matter.

Work involving relining the storm sewer was completed in FY 2007. As a result of the success of the relining, the City is evaluating an alternative in-situ biological remediation method. The City initiated a pilot study of this in-situ method in FY 2008 and one remediation option included installing a hydraulic control and treatment system or bioremediation. The City completed a bioremediation bench study in FY 2008 and is implementing a biosparging pilot study in FY 2009. \$141,000 has been encumbered for the biosparging pilot study. The environmental consultant continues to recover free product collected in the sump adjacent to the Oronoco Street storm sewer pipe. The City is exploring methods to improve the effectiveness of this recovery system. Alternatives include expanding and rehabilitating the existing sump area in conjunction with a hydraulic assessment to test the interconnection between the sump and storm sewer. The cost for this alternative is estimated to be \$90,000. A final decision on the remedial method and its initial design are expected in FY 2009 - FY 2010. At the conclusion of the design phase of the chosen system, construction costs will be more clearly defined, and funding needs will be more clearly identified. Once the system is functioning effectively, the City intends to dredge and remove the most contaminated sediment near the outfall. 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.

**Changes from Prior Year:** There has been no change in funding for this project.

## Sewers

**Project History:** The preliminary site investigation was completed in FY 2001. The next step is to complete a Site Characterization/Risk Assessment and Remedial Alternative Screening Report. 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.

**Operating Impact:** If the installation of the hydraulic control and treatment system is the selected remedial action, funds to maintain and operate that system may be needed beginning as early as FY 2010. Estimated costs equal \$175,000 per year. If the alternative in-situ method is selected, annual maintenance costs are expected to be lower. A better estimate of annual operating costs of the in-situ method will be determined if that system is chosen and implemented.

Oronoco Outfall	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	2,127,670	0	0	0	0	0	0	0
Less Revenues	617,670	0	0	0	0	0	0	0
Net City Share	<b>1,510,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Storm/Combined Sewer Assessment and Renovation

**Subsection:** Storm Sewers

**Estimated Useful Life of Improvement:** 40 years

**Managing Department:** T&ES

**Priority:** Desirable

**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 field evaluation will include cleaning and CCTV inspection of sewers. The 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 project.

A total of \$450,000 is unfunded in FY 2011 for this project. The City will use the \$600,000 in prior year balance to continue work through FY 2010. Additional work above what the \$600,000 will fund will begin once a funding source is again available.

**Changes from Prior Year:** A total of \$3.6 million is planned over four years (\$900,000 each year from FY 2012 - FY 2015) for this project.

**Project History:** \$600,000 was reprogrammed for unallocated monies from Storm Sewer Reconstructions and Extension for this project. Approximately 4,600 feet of sewers to be remediated in various locations throughout the City have been identified.

**Operating Impact:** This project will have no impact on the operating budget.

Storm and Combined Syst. Assess. & Remed.	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	600,000	0	<b>450,000</b>	900,000	900,000	900,000	900,000	3,600,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>3,600,000</b>

# Sewers

## Municipal Separate Storm Sewer System Permit Program, NPDES Permit

Subsection: Storm Sewers

Estimated Useful Life of Improvement: 5 years

Managing Department: T&ES

Priority: Essential

**Project Summary:** This project provides for the data collection, reporting activities, public education, outreach, involvement and citizen participation associated with initiating implementation of the programs required by the National Pollution Discharge Elimination System (NPDES) Permit. A total of \$175,000 in prior year unallocated monies remains for this purpose.

**Changes from Prior Year:** There has been no change in funding for this project.

**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 an approved permit effective July 8, 2003. The permit requires 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 allows up to five years from the date of the permit issuance for the City to develop and implement the program. The City's Storm Water Management Program will have to be fully developed and implemented by the end of the first permit term in 2008. A registration statement was submitted to the Virginia Department of Conservation and Recreation (DCR) in December 2007. 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. Identifying needs and conducting preliminary concept designs for post-construction storm water management will be included. The City was issued the new MS4 permit and is currently negotiating a Program Plan with the Virginia DCR. The new permit has extensively new regulatory requirements that will require significantly enhances monitoring and sampling.

**Operating Impact:** This project will have no impact on the operating budget.

NPDES / NS4 Permit	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	175,000	0	0	0	0	0	0	0
Less Revenues	0							0
Net City Share	175,000	0	0	0	0	0	0	0

## Sewers

### Braddock Rd. and West St. Storm Sewer Drainage Improvements

Subsection: Storm Sewers

Estimated Useful Life of Improvement: 40 years

Managing Department: T&ES

Priority: Desirable

**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. The \$200,000 budgeted in FY 2009 is for further studies. A to-be-determined funding level is planned in FY 2012 to complete design work for this project.

**Changes from Prior Year:** A to-be-determined funding level is currently planned in FY 2012 for preliminary design.

**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. 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. New funding is budgeted for \$1.5 million in FY 2011 for preliminary design. Construction costs are to-be-determined. This project is being coordinated with the Braddock Road Small Area Plan.

**Operating Impact:** This project will have no impact on the operating budget.

Braddock and West	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	200,000	0	0	TBD	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	200,000	0	0	TBD	0	0	0	0

### Storm Sewer Capacity Analysis

Subsection: Storm Sewers

Estimated Useful Life of Improvement: As Updated

Managing Department: T&ES

Priority: Desirable

**Project Summary:** This project will provide for a multi-year City-wide storm sewer analysis to determine the stormwater system's capacity. Field verification and metering to verify computations will be part of this project, which will be completed over a four year timeframe. This study complements the Phase 1 work started in FY 2007 to study the feasibility of implementing a stormwater utility and determining the methodology for setting stormwater rates. A total of \$2.5 million is planned (\$787,500 in FY 2009, \$826,875 in FY 2010, and \$868,219 in FY 2011) for this project.

**Changes from Prior Year:** Funding has been compounded by 5% to account for increases in construction costs. \$868,219 proposed in FY 2011 in the FY 2009 – FY 2014 CIP, was unfunded due to fiscal constraints, but this has been restored in the FY 2010 – FY 2015 plan.

**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.

**Operating Impact:** This project will have no impact on the operating budget.

Storm Sewer Capacity Analysis	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	787,500	827,000	868,000	0	0	0	0	1,695,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	787,500	827,000	868,000	0	0	0	0	1,695,000

## Sewers

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# OTHER REGIONAL CONTRIBUTIONS

## Other Regional Contributions

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## Other Regional Contributions

Subsection	Project	Unallocated Balance	FY 2010 Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Total FY2010-FY2015
<b>Other Regional Contributions</b>									
	Northern Virginia Community College	\$0	\$136,732	\$136,732	\$136,732	\$136,732	\$136,732	\$136,732	\$820,392
	Northern Virginia Regional Park Authority	0	359,862	359,862	359,862	359,862	359,862	359,862	\$2,159,172
	Northern Virginia Juvenile Detention Home	0	0	0	0	0	0	10,000	\$10,000
	Peumansend Regional Jail	0	141,369	136,272	129,212	121,266	115,465	110,674	\$754,258
	LESS REVENUES	0	0	0	0	0	0	0	\$0

Total Expenditure Request	\$0	\$637,963	\$632,866	\$625,806	\$617,860	\$612,059	\$617,268	\$3,743,822
Less Total Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Requests</b>	<b>\$0</b>	<b>\$637,963</b>	<b>\$632,866</b>	<b>\$625,806</b>	<b>\$617,860</b>	<b>\$612,059</b>	<b>\$617,268</b>	<b>\$3,743,822</b>
<b>Subtotal Unfunded</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL NET CITY COSTS</b>	<b>\$0</b>	<b>\$637,963</b>	<b>\$632,866</b>	<b>\$625,806</b>	<b>\$617,860</b>	<b>\$612,059</b>	<b>\$617,268</b>	<b>\$3,743,822</b>



## Other Regional Contributions

### Northern Virginia Community College (NVCC)

**Managing Department:** Office of Management & Budget

**Estimated Useful Life of Improvement:** N/A

**Priority:** Essential

**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 2010, NVCC's total funding from local jurisdictions is \$2,082,915. Of this amount, the City's share is \$136,732 or 6.6 percent of the total. Each jurisdiction's share is determined by a formula based on the population of each of the nine participating jurisdictions.

**Changes from Prior Year:** The City's FY 2010 contribution (\$136,732) represents an increase of \$4,389 compared to the FY 2009 budget. This increase is attributable to an increase in the City's projected total population compared to last year based on the NVCC's per capita allocation formula.

**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. 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 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	136,732	136,732	136,732	136,732	136,732	136,732	820,392
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	136,732	136,732	136,732	136,732	136,732	136,732	820,392

## Other Regional Contributions

### Northern Virginia Regional Park Authority (NVRPA)

Managing Department: Office of Management & Budget  
Priority: Essential

Estimated Useful Life of Improvement: N/A

**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 2010 capital budget totals \$4,966,572, of which \$4,286,572 is to be funded by capital contributions from the participating jurisdictions. The balance of \$710,000 is to be funded by interest earnings and a transfer from the Authority's Restricted Fund. Of the FY 2010 capital budget total, the City's share is \$359,862. The Park Authority's FY 2010 capital budget provides funds for renovations and upgrades to the Cameron Run Park including the addition of a large group shelter inside the pool facility as well as overflow parking and landscaping near Lake Cook.

**Changes from Prior Year:** The City's FY 2010 capital contribution (\$359,862) represents an increase of \$7,839 or 2.2 percent compared to the FY 2009 contribution.

**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	2007 ESTIMATED POPULATION	PERCENT	FY 2010 CAPITAL REQUEST
City of Alexandria	140,024	8.40%	\$359,862
Arlington County	204,568	12.26%	\$525,740
City of Fairfax	23,349	1.40%	\$60,007
Fairfax County	1,010,241	60.57%	\$2,596,319
Falls Church City	10,948	0.66%	\$28,136
Loudoun County	278,797	16.72%	\$716,508
<b>Totals</b>	<b>1,667,927</b>	<b>100.00%</b>	<b>\$4,286,572</b>

**Operating Impact:** In FY 2010, a total of \$288,814 is included in the operating budget for the City's share of operating budget costs.

NVRPA	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	359,862	359,862	359,862	359,862	359,862	359,862	2,159,172
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	359,862	359,862	359,862	359,862	359,862	359,862	2,159,172

## Other Regional Contributions

### Northern Virginia Juvenile Detention Home (NVJDH)

**Managing Department:** Office of Management & Budget  
**Priority:** Essential

**Estimated Useful Life of Improvement:** N/A

**Project Summary:** This project provides for the City's capital share of the Northern Virginia Juvenile Home (NVJDH) security improvement project.

**Changes from Prior Year:** \$10,000 is budgeted in the out-year (FY 2015) as a placeholder in the event that further capital improvements are required in a future CIP

**Project History:** The Northern Virginia Juvenile Detention Home (NVJDH) serves Alexandria, Falls Church, and Arlington County. It is responsible for the confinement of juveniles who are awaiting disposition of their cases by the Juvenile and Domestic Relations District Court, awaiting transfer to a State facility, serving sentences of six months or less, or awaiting release into a work program. The NVJDH was first opened in 1960 as a 20-bed facility. It has been remodeled and expanded since then, to 60 pre-dispositional beds and 10 post-dispositional beds.

In May 2004, a security consultant performed a site survey and security audit of the facility that resulted in "immediate" and "near-term" recommendations on security improvements at the facility. The Juvenile Detention Commission approved the recommendations of the security consultant and the Department of Juvenile Justice Board approved a request to fund the "immediate" recommendations of the security consultant totaling \$1.2 million. The Juvenile Detention Commission requested financial support from the three participating jurisdictions to complete the "immediate" phase of the security improvement project. The percentage due from each jurisdiction is determined by agreement of the three jurisdictions. The City contributed \$435,565, which represents 36.1 percent of the total cost of the project (\$1,206,000). In October 2006, \$435,366 was allocated for this project.

In 2007, the security project was completed. Improvements include the replacement of the existing card access control system; the integration of the existing personal duress alarm system into the new access control system and existing closed-circuit television camera system; and the upgrade of the existing door locking control system. The State reimbursed the Detention Center and City 50 percent of the project cost or \$218,000.

**Operating Impact:** The operating costs of the NVJDH are shared by the State and local participating jurisdictions, including the Cities of Alexandria and Falls Church and Arlington County. Each jurisdiction's share of funding is allocated based on a three-year average actual utilization rate formula. In FY 2010, a total of \$1,593,355 is included in the operating budget (Other Public Safety and Justice Activities) for the City's share of operating budget costs.

NVJDH	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	0	0	0	0	0	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

## Other Regional Contributions

### Peumansend Regional Jail

**Managing Department:** Office of Management & Budget

**Estimated Useful Life of Improvement:** 40 years

**Priority:** Essential

**Project Summary:** This project provides the City's contribution to the Peumansend Regional Jail, a minimum-security facility used to house low-risk, non-violent inmates from five 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 2010, the City has budgeted a debt service payment of \$141,369.

**Changes from Prior Year:** \$141,369 has been budgeted in FY 2010 for the City's annual debt service payment based on the actual bond issuance in March 1997.

**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 million with 50 percent of the funding to be reimbursed by the Commonwealth, and 50 percent from the six localities. Alexandria is allocated 50 beds, or approximately 15 percent of the 336 beds in the facility.

**Operating Impact:** In FY 2010, a total of \$516,127 is included in the operating budget (Other Public Safety and Justice Activities) for the City's share of operating budget costs.

Regional Jail	Unallocated Balance	FY 2010						Total FY2010-FY2015
		Proposed	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Expenditures	0	141,369	136,272	129,212	121,266	115,465	110,674	754,258
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	141,369	136,272	129,212	121,266	115,465	110,674	754,258

## Other Regional Contributions

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# IT Plan

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## CHANGES TO THE IT PLAN FROM THE PRIOR YEAR

The FY 2010 to FY 2015 Information Technology Capital Improvement Plan (IT/CIP) total of \$16.9 million continues the City's Information Technology agenda. The IT/CIP total of \$16.9 million in City funding compares with \$24.8 million in City funding in the FY 2009 to FY 2014 Information Technology Capital Improvement Plan. This represents a decrease of \$7.9 million. The decrease is primarily attributable to the transfer of \$3.6 million for the planned City radio replacements to the CIP project for the new Police facility, and the elimination of the \$1.9 million IT project to replace the City's Lotus Notes email system.

Projects that were not funded in FY 2010 were not funded in FY 2011 either due to the overall City-wide CIP financial restrictions. This change has caused the 6-year total to level off, despite the funding of several important initiatives including the replacement human resources and payroll system and the continuation of voice over IP. A listing of these projects is included below.

The City proposed funding for the FY 2010 to FY 2015 IT Plan is as follows:

	<b>City Share</b>	<b>Outside Revenues</b>	<b>Total</b>
<b>FY 2010</b>	\$2,996,500	\$985,000	\$3,981,500
<b>FY 2011</b>	\$1,525,000	\$985,000	\$2,510,000
<b>FY 2012</b>	\$1,288,500	\$985,000	\$2,273,500
<b>FY 2013</b>	\$1,756,000	\$985,000	\$2,741,000
<b>FY 2014</b>	\$1,764,500	\$985,000	\$2,693,500
<b>FY 2015</b>	\$1,708,500	\$985,000	\$2,693,500
<b>Total</b>	<b>\$11,039,000</b>	<b>\$5,910,000</b>	<b>\$16,949,000</b>

The proposed FY 2010 to FY 2015 IT Plan includes projects that will maintain the City's IT infrastructure. On-going maintenance and planned improvements to the City's local area networks (LANs) and wide area network (WAN) ensure the continued integrity and availability of these essential components of the City's infrastructure.

Continued funding for system development projects allows the City to take advantage of emerging technologies, capitalize on investments already made, ensure compliance with federal and state mandates, and provide for improvements to existing processes and systems to increase efficiencies.

### New Projects for FY 2010 - FY 2015

- *Police - Data Replication System Replacement* – This project funds the replacement of the Police Department's data replication system. This project is anticipated to pay for itself within two years, due to expected decreases in current system maintenance costs.
- *EOC Laptops* – This project funds the purchase of laptop computers for the City's Emergency Operations Center. These computers will replace the existing computers that are nearing the end of their recommended service life.



## Existing Project Highlights

- *Electronic Government* – Several IT Plan projects have been combined for FY 2010, and are included within the ‘Electronic Government’ project. These include ‘Web Site Enhancements’, ‘Intranet’, and ‘Wireless Initiatives’. These separate initiatives will now all be funded under the broader category of Electronic Government. Funding for this project was also eliminated in FY 2010 due to the availability of unspent prior year funding.
- *Purchasing System Replacement* - Funding in the amount of \$180,000 in FY 2010 has been eliminated as the Purchasing system replacement will be a part of a consolidated future financial system procurement, which is anticipated to begin in FY 2011 if funding becomes available.

Some projects were able to forgo their original FY 2010 request, due to the availability of prior year funds. These projects include:

- *Individual Building LAN Development* — Funding in the amount of \$50,000 in FY 2010 has been eliminated.
- *Upgrade Network Operating System* — Funding in the amount of \$25,000 in FY 2010 has been eliminated.
- *LAN Backbone Capacity* — Funding in the amount of \$75,000 in FY 2010 has been eliminated.
- *Database Infrastructure* — Funding in the amount of \$40,000 in FY 2010 has been eliminated.
- *Electronic Government* — Funding of \$325,000 in FY 2010 and FY 2011 has been eliminated.

## Projects that have been Closed

- *Public Access to Land Records* – This project, to provide citizen access to searchable Circuit Court case information via the Internet, was completed by the State’s deadline of July 1, 2008. Citizens may go to [www.alexandriava.gov/ajis/index.php](http://www.alexandriava.gov/ajis/index.php) to see the results of this project.
- *Recreation Systems* - This project has been closed.
- *Sheriff Network Connectivity* – This project was completed in early FY 2009.
- *Sheriff Laptops* – This project was completed in FY 2009.
- *Sheriff Mobile Video System* - This project’s funds were utilized to provide resources for Mobile Data Browsers for the Sheriff’s Command vehicles.
- *Interoperability Strategies for Public Safety (AGILE)* – The City no longer staffs this project.
- *Web Site Enhancements* – This project has been merged into the Electronic Government project.
- *Intranet* – This project has been merged into the Electronic Government project.
- *Wireless Initiatives* – This project has been merged into the Electronic Government project.
- *Enterprise Maintenance Management System* – This project has been combined with the Infrastructure Maintenance Management System project.
- *General Services Energy Management System* – This project has been completed.

- *Telephone Emergency Notification System Replacement* – This project has been completed.

### **Project Requests Which Were Not Funded in FY 2010 - FY 2015**

The following project requests for FY 2010 were classified as 'Tier III' funding priorities and therefore not funded. Also, projects that were not funded in FY 2010 were not funded in FY 2011 either due to the overall City-wide CIP financial restrictions. These projects will be candidates for restoring funding should more money be added to the IT/CIP.

- *Document Management and Imaging Infrastructure* - The FY 2010 request of \$110,000 and the FY 2011 request of \$165,000 to expand imaging initiatives were not funded.
- *NEW Fire Portable Incident Command Training Simulation* – The request for \$150,000 to fund this new public safety initiative was not recommended at this time due to fiscal restraints.
- *Application Deployment Management* – Funding in the amount of \$25,000 in FY 2010 and FY 2011 has been eliminated as this project has some available prior year funds remaining.
- *Desktop Productivity* - Funding in the amount of \$50,000 in FY 2010 and FY 2011 has been eliminated as this project has some available prior year funds remaining.
- *AVL for Non-Public Safety* – The request for \$35,000 for this project was eliminated, as another source of funding was identified for this need. However, future expansion of AVL into more of the City's fleet are not funded.
- *Wireless Alexandria* – Further expansion of this project has not been funded.
- *Collaboration Tool Software* - This team collaboration software has not been funded beyond the pilot program in the Fire Department.

The availability of funds in FY 2011 in the IT/CIP is limited due to overall City-wide CIP financial restrictions. Therefore, the following projects with funding requests in FY 2011 were unfunded:

- *Electronic Government* – The FY 2011 request of \$325,000 was unfunded.
- *Geographic Information Systems* – The FY 2011 request for \$90,000 was unfunded.
- *Real Estate Assessment System* – The FY 2011 request for \$100,000 was unfunded.
- *Financial Accounting and Asset Management System* – The FY 2011 request for \$1,000,000 was unfunded.
- *Real Estate Accounts Receivable System* – The FY 2011 request for \$100,000 was unfunded.
- *Personal Property Tax System* – The FY 2011 request for \$200,000 was unfunded.
- *LAN BackboneCapacity* - The FY 2011 request for \$75,000 was unfunded.
- *Individual Building LAN Development* – The FY 2011 request for \$25,000 was unfunded.
- *Upgrade Network Operating System* – The FY 2011 request for \$25,000 was unfunded.

However, FY 2011 includes several high-priority, critical funding requests, including \$2 million for the HR/Payroll system replacement.

## Projects Organization

Information Technology projects are organized into two broad categories:

Systems Development Projects, project 015-015, which is 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, project 015-014, which is sub-divided as follows:

- Local Area Network (LAN) Infrastructure
- Wide Area Network (WAN) Infrastructure
- Enterprise Services

## PROJECT PRIORITIES IN THE IT PLAN

Each project in the IT Plan has been assigned a rating to reflect its overall priority to assist with decision-making and resource allocation. Each project has been assigned one of three ratings - essential, very desirable, or desirable - or a designation that the project is currently unrated.

Generally, the highest rating of “essential” has been applied to projects that are either:

- Required to address an urgent health or safety hazard;
- Needed to meet legal requirements or State or federal mandates;
- Essential to the success of other projects or a larger program in progress;
- Cannot be deferred without the loss of substantial non-City funding; or
- Required for economic growth and development.

Other projects have been rated as “very desirable” or “desirable” depending upon the extent and degree of benefit provided. Generally, projects that maintain or improve a current system’s functionality are assigned priority over new projects that provide new system capabilities.

In addition, each project in the Information Technology Plan is linked with the City’s Strategic Plan element that most closely represents what the project is supporting.

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## **SUMMARY TOTALS**

The following table summarizes approved spending on Information Technology for FY 2010 to FY 2015. Detailed descriptions follow the summary.

**Information Technology**  
**Capital Improvement Plan For FY 2010 to FY 2015**  
**9-Feb-09**

CIP Project ID (1)	Project Title (2)	Net Totals (3)	Net Balances Prior Year (4)	FY 2010 (5)	FY 2011 (6)	FY 2012 (7)	FY 2013 (8)	FY 2014 (9)	FY 2015 (10)	
<b>TOTAL General Fund Costs - All Information Technology CIP Projects</b>				2,996,500	1,525,000	1,288,500	1,756,000	1,764,500	1,708,500	
<b>Less Comcast Revenues</b>				-985,000	-985,000	-985,000	-985,000	-985,000	-985,000	
<b>TOTAL Net Costs - All Information Technology CIP Projects</b>				20,159,935	3,210,935	3,981,500	2,510,000	2,273,500	2,741,000	2,693,500
3	<b>015-014 Systems Development</b>	10,634,310	1,762,810	2,586,500	1,255,000	868,500	1,403,500	1,407,000	1,351,000	
5	015-014-1 Public Access Development	1,767,340	467,340	0	0	325,000	325,000	325,000	325,000	
6	015-014-1-2 Electronic Government		292,340	0	0	325,000	325,000	325,000	325,000	
7	015-014-1-3 Customer Relationship Management System		175,000	0	0	0	0	0	0	
9	015-014-2 Document Management Systems	301,500	66,500	25,000	0	55,000	55,000	50,000	50,000	
10	015-014-2-1 MHMRSA Medical Records Management		66,500	25,000	0	0	0	0	0	
11	015-014-2-2 Document Management and Imaging Infrastructure		0	0	0	55,000	55,000	50,000	50,000	
13	015-014-3 Financial and Human Resource Systems	3,402,980	352,980	2,000,000	1,000,000	0	50,000	0	0	
14	015-014-3-1 Real Estate Assessment System		0	0	0	0	0	0	0	
15	015-014-3-2 OMB Systems		0	0	0	0	0	0	0	
16	015-014-3-3 Payroll/Human Resources System		50,000	2,000,000	1,000,000	0	0	0	0	
17	015-014-3-4 Financial Accounting and Asset Management System		53,000	0	0	0	0	0	0	
18	015-014-3-5 Delinquent Revenue Collection Mgt. System		0	0	0	0	0	0	0	
19	015-014-3-6 Business Tax System		249,980	0	0	0	50,000	0	0	
20	015-014-3-7 Real Estate Accounts Receivable System		0	0	0	0	0	0	0	
21	015-014-3-8 Purchasing System Replacement		0	0	0	0	0	0	0	
22	015-014-3-9 Personal Property Tax System		0	0	0	0	0	0	0	
24	015-014-4 Geographic Information Systems	487,845	127,845	0	0	90,000	90,000	90,000	90,000	
25	015-014-4-1 GIS Development		87,600	0	0	90,000	90,000	90,000	90,000	
26	015-014-4-3 AVL for Non-Public Safety		40,245	0	0	0	0	0	0	
28	015-014-5 Public Safety Systems	3,059,045	357,545	536,500	230,000	373,500	783,500	417,000	361,000	
29	015-014-5-1 Public Safety Radio System Replacement		0	0	0	0	0	50,000	50,000	
30	015-014-5-2 AJIS Enhancements		126,000	180,000	200,000	220,000	225,000	235,000	250,000	
31	015-014-5-3 Police CAD/RMS Project		47,954	81,000	30,000	58,500	308,500	31,500	50,000	
32	015-014-5-4 Fire Records Management Project		143,591	160,500	0	95,000	0	10,500	11,000	
33	015-014-5-6 EMS Records Management System		40,000	0	0	0	250,000	0	0	
34	015-014-5-12 NEW Mobile Data Browsers		0	0	0	0	0	90,000	0	
35	015-014-5-14 NEW EOC Laptops		0	80,000	0	0	0	0	0	
36	015-014-5-15 NEW Data Replication System Replacement		0	35,000	0	0	0	0	0	

**Information Technology**  
**Capital Improvement Plan For FY 2010 to FY 2015**  
**9-Feb-09**

CIP		Net	Net Balances							
Project ID	Project Title	Totals	Prior Year	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
38	<i>015-014-7 Other Systems</i>	<i>1,615,600</i>	<i>390,600</i>	<i>25,000</i>	<i>25,000</i>	<i>25,000</i>	<i>100,000</i>	<i>525,000</i>	<i>525,000</i>	
39	015-014-7-1 Permit Processing		240,600	0	0	0	75,000	500,000	500,000	
40	015-014-7-3 TES Infrastructure Management and Maintenance System		100,000	0	0	0	0	0	0	
41	015-014-7-4 MHMRSAs HIPAA Data Security Compliance		50,000	25,000	25,000	25,000	25,000	25,000	25,000	
42	015-014-7-6 DHS Payment System Replacement		0	0	0	0	0	0	0	
43	015-014-7-7 Library Automated Catalog Upgrade		0	0	0	0	0	0	0	
44										
45	<i>015-015 Infrastructure Projects</i>	<i>9,525,625</i>	<i>1,448,125</i>	<i>1,395,000</i>	<i>1,255,000</i>	<i>1,405,000</i>	<i>1,337,500</i>	<i>1,342,500</i>	<i>1,342,500</i>	
46										
47	<i>015-015-1 Local Area Network (LAN) Services</i>	<i>3,587,125</i>	<i>817,125</i>	<i>345,000</i>	<i>505,000</i>	<i>515,000</i>	<i>465,000</i>	<i>470,000</i>	<i>470,000</i>	
48	015-015-1-1 LAN Backbone Capacity		0	0	0	75,000	75,000	75,000	75,000	
49	015-015-1-2 Individual Building LAN Development		50,000	0	0	25,000	25,000	25,000	25,000	
50	015-015-1-3 Upgrade Network Operating System		25,000	0	0	15,000	15,000	20,000	20,000	
51	015-015-1-4 Upgrade Work Station Operating Systems		160,000	50,000	50,000	50,000	50,000	50,000	50,000	
52	015-015-1-5 Network Infrastructure Hardware Upgrades/ Replacement		482,125	295,000	455,000	350,000	300,000	300,000	300,000	
53	015-015-1-6 Criminal Justice Systems Data Storage		100,000	0	0	0	0	0	0	
54										
55	<i>015-015-2 Wide Area Network (WAN) Services</i>	<i>4,363,500</i>	<i>406,000</i>	<i>875,000</i>	<i>575,000</i>	<i>640,000</i>	<i>622,500</i>	<i>622,500</i>	<i>622,500</i>	
56	015-015-2-1 Institutional Network Development		0	375,000	375,000	450,000	450,000	450,000	450,000	
57	015-015-2-2 Voice Over IP		0	350,000	150,000	75,000	75,000	75,000	75,000	
58	015-015-2-3 Security		235,000	150,000	50,000	50,000	50,000	50,000	50,000	
59	015-015-2-4 Application Deployment Management		78,000	0	0	25,000	7,500	7,500	7,500	
60	015-015-2-5 Database Infrastructure		93,000	0	0	40,000	40,000	40,000	40,000	
61										
62	<i>015-015-3 Enterprise Services</i>	<i>1,575,000</i>	<i>225,000</i>	<i>175,000</i>	<i>175,000</i>	<i>250,000</i>	<i>250,000</i>	<i>250,000</i>	<i>250,000</i>	
63	015-015-3-1 E-mail Services		175,000	175,000	175,000	200,000	200,000	200,000	200,000	
64	015-015-3-3 Desktop Productivity Environment		50,000	0	0	50,000	50,000	50,000	50,000	



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## **OPERATING BUDGET 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 2010 - FY 2015 Information Technology Plan of the City's operating budget.

**Information Technology**  
**Capital Improvement Plan For FY 2010 to FY 2015 - Estimated Operating Impacts**  
**9-Feb-09**

CIP Project ID	Project Title	Six Year Totals	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)
1	<b>TOTAL Operating Costs - All Information Technology CIP Projects</b>	<b>21,402,965</b>	<b>2,792,810</b>	<b>3,265,513</b>	<b>3,550,934</b>	<b>3,673,531</b>	<b>3,801,032</b>	<b>4,319,144</b>
2								
3	<b>015-005 Systems Development</b>	<b>12,860,427</b>	<b>1,576,102</b>	<b>2,015,137</b>	<b>2,184,543</b>	<b>2,270,724</b>	<b>2,360,353</b>	<b>2,453,568</b>
4								
5	015-014-1 Public Access Development	1,028,111	155,000	161,200	167,648	174,354	181,328	188,581
6	015-014-1-2 Electronic Government		110,000	114,400	118,976	123,735	128,684	133,832
7	015-014-1-3 Customer Relationship Management System		45,000	46,800	48,672	50,619	52,644	54,749
8								
9	015-014-2 Document Management Systems	478,582	72,152	75,038	78,040	81,161	84,408	87,784
10	015-014-2-1 MHMRSA Medical Records Management		22,152	23,038	23,960	24,918	25,915	26,951
11	015-014-2-2 Document Management and Imaging Infrastructure		50,000	52,000	54,080	56,243	58,493	60,833
12								
13	015-014-3 Financial Systems	4,324,568	432,420	650,341	765,154	794,561	825,143	856,949
14	015-014-3-1 Real Estate Assessment System		30,000	30,000	30,000	30,000	30,000	30,000
15	015-014-3-2 OMB Systems		18,720	19,469	20,248	21,057	21,900	22,776
16	015-014-3-3 Payroll/Personnel System		100,000	300,000	312,000	324,480	337,459	350,958
17	015-014-3-4 Financial Accounting and Asset Management System		140,000	151,424	157,481	163,780	170,331	177,145
18	015-014-3-5 Delinquent Revenue Collection Mgt. System		22,500	23,400	24,336	25,309	26,322	27,375
19	015-014-3-6 Business Tax System		31,200	32,448	33,746	35,096	36,500	37,960
20	015-014-3-7 Real Estate Accounts Receivable System		15,000	15,600	16,224	16,873	17,548	18,250
21	015-014-3-8 Purchasing System Replacement		0	0	90,000	93,600	97,344	101,238
22	015-014-3-9 Personal Property Tax System		75,000	78,000	81,120	84,365	87,739	91,249
23								
24	015-014-4 Geographic Information Systems	949,844	0	175,367	182,382	189,677	197,264	205,155
25	015-014-4-1 GIS Development		139,776	145,367	151,182	157,229	163,518	170,059
26	015-014-4-3 AVL for Non-Public Safety		0	30,000	31,200	32,448	33,746	35,096
27								
28	015-014-5 Public Safety Systems	4,519,842	681,420	708,677	737,024	766,505	797,165	829,052
29	015-014-5-1 Public Safety Radio System Replacement		517,920	538,637	560,182	582,590	605,893	630,129
30	015-014-5-2 AJIS Enhancements		50,000	52,000	54,080	56,243	58,493	60,833
31	015-014-5-3 Police Computer Aided Dispatch (CAD)/RMS Project		40,500	42,120	43,805	45,557	47,379	49,274
32	015-014-5-4 Fire Records Management Project		39,000	40,560	42,182	43,870	45,624	47,449
33	015-014-5-6 EMS Records Management System		34,000	35,360	36,774	38,245	39,775	41,366
34	015-014-5-12 Sheriff - Mobile Data Browsers		20,000	20,800	21,632	22,497	23,397	24,333
35	015-014-5-14 NEW EOC Laptops		20,000	20,800	21,632	22,497	23,397	24,333
36	015-014-5-15 NEW Data Replication System Replacement		7,000	7,280	7,571	7,874	8,189	8,517
37								

**Information Technology**  
**Capital Improvement Plan For FY 2010 to FY 2015 - Estimated Operating Impacts**  
**9-Feb-09**

CIP Project ID	Project Title	Six Year Totals	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)
38 015-014-7	Other Systems	1,559,479	235,110	244,514	254,295	264,467	275,045	286,047
39 015-014-7-1	Permit Processing		166,400	173,056	179,978	187,177	194,664	202,451
40 015-014-7-3	TES Infrastructure Capacity Management and Maintenance System		11,250	11,700	12,168	12,655	13,161	13,687
41 015-014-7-4	MHM RSA HIPAA Data Security Compliance		5,200	5,408	5,624	5,849	6,083	6,327
42 015-014-7-6	DHS Payment System Replacement		31,200	32,448	33,746	35,096	36,500	37,960
43 015-014-7-7	Library Automated Catalog Upgrade		21,060	21,902	22,778	23,690	24,637	25,623
44								
45 015-004	<b>Infrastructure Projects</b>	<b>8,542,538</b>	<b>1,216,708</b>	<b>1,250,376</b>	<b>1,366,392</b>	<b>1,402,807</b>	<b>1,440,679</b>	<b>1,865,577</b>
46								
47 015-015-1	Local Area Network (LAN) Services	726,843	51,460	53,518	55,660	57,885	60,201	448,119
48 015-014-1-1	LAN Backbone Capacity		11,700	12,168	12,655	13,161	13,687	14,235
49 015-014-1-2	Individual Building LAN Development		5,000	5,200	5,408	5,624	5,849	6,083
50 015-014-1-3	Upgrade Network Operating System		5,200	5,408	5,624	5,849	6,083	6,327
51 015-014-1-4	Upgrade Work Station Operating Systems		7,800	8,112	8,436	8,774	9,125	395,000
52 015-014-1-5	Network Infrastructure Hardware Upgrades/ Replacement		6,760	7,030	7,312	7,604	7,908	8,225
53 015-014-1-6	Criminal Justice Systems Data Storage		15,000	15,600	16,224	16,873	17,548	18,250
54								
55 015-015-2	Wide Area Network (WAN) Services	6,215,504	924,000	945,960	1,049,798	1,073,550	1,098,252	1,123,942
56 015-015-2-1	Institutional Network Development		739,000	753,560	843,702	859,450	875,829	892,862
57 015-015-2-2	Voice Over IP Telephony		120,000	124,800	129,792	134,984	140,383	145,998
58 015-015-2-3	City Network Security		52,000	54,080	56,243	58,493	60,833	63,266
59 015-015-2-4	Application Deployment Management		7,800	8,112	8,436	8,774	9,125	9,490
60 015-015-2-5	Database Infrastructure		5,200	5,408	5,624	5,849	6,083	6,327
61								
62 015-015-3	Enterprise Services	1,600,192	241,248	250,898	260,934	271,371	282,226	293,515
63 015-015-3-1	E-mail Services		240,000	249,600	259,584	269,967	280,766	291,997
64 015-015-3-3	Desktop Productivity Environment		1,248	1,298	1,350	1,404	1,460	1,518

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## SYSTEM DEVELOPMENT PROJECTS

This CIP project category includes development of computer application systems in finance, geographic information and public safety for departments and agencies, 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

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Electronic Government								
Funded	292,340	0	0	325,000	325,000	325,000	325,000	1,592,340
Unfunded	0	0	325,000	0	0	0	0	325,000
City Share	292,340	0	0	325,000	325,000	325,000	325,000	1,592,340
Customer Relationship Management System	175,000	0	0	0	0	0	0	175,000
<b>Total, Net City Cost</b>	<b>467,340</b>	<b>0</b>	<b>0</b>	<b>325,000</b>	<b>325,000</b>	<b>325,000</b>	<b>325,000</b>	<b>1,767,340</b>

#### **Electronic Government**

(015-014-1-2)      Priority: Very Desirable

The City of Alexandria's E-Government project has been developed to aid in the identification of goals and associated monetary requirements to expand and develop e-government initiatives within the City. In FY 2010, this project will merge with three other similar and highly-aligned IT Plan projects:

- *Web Site Enhancements* - project includes enhancements to, and applications for, the City of Alexandria's public web site at alexandriava.gov and related sites.
- *Intranet* - This project enables staff to continue developing the City's intranet infrastructure, content, and applications. An intranet is the application of Internet technologies over an organization's internal network, allowing City employees to share data and more easily access services. The Intranet is being upgraded with improved employee access in 2009.
- *Wireless Information Utility* - This project provides funding for various wireless initiatives in the City, to benefit both the general public and City employees.

E-Government services within the City, including those listed above, are provided through a variety of electronic methods to City constituent groups (residents, employees, visitors, businesses and other governmental entities) to improve traditional interactions with the City.

Examples of major systems implemented under this project include web hosting, content management, streaming video, and online payments. In FY 2009, this project was also used to fund handheld devices to replace the printed lists of citywide voters at election polling places. The project will pay for itself at the end of the second year.

## FY 2010-FY2015 IT PLAN

### Project Benefit:

Prospective new e-government initiatives are reviewed for conformance to the City's e-government strategic principles (see E-Government Initiatives, page 13) to ensure that services are developed that are consistent with the needs of our customers, are economical to deploy and maintain, are secure and have value.

### Operating Budget Impact:

Maintenance costs for E-Government are approximately \$107,070 per year.

### Change in Project from Prior Fiscal Years:

The Electronic Government project was merged with three other IT Plan projects in FY 2010. Prior year balances in these projects were reduced in consideration of the current fiscal environment. This project was not provided with additional funding in FY 2010.

### **Customer Relationship Management System**

(015-014-1-3) Priority: Very Desirable

The City will acquire and implement an enterprise system in FY 2009 to receive and track requests for service, online correspondence, and other customer relationship information. This system will promote more efficient and consistent responses to requests, provide for additional accountability, and make better use of IT infrastructure. The Customer Relationship Management (CRM) system will be implemented and work in conjunction with the City's maintenance management system, currently in the procurement phase.

### Project Benefit:

A Customer Relationship Management (CRM) system will improve internal City processes with respect to managing requests from citizens. Benefits of CRM software include better managed requests, status updates provided to requestors, reduced costs stemming from less administrative tracking time and reduced turnaround time.

### Operating Budget Impact:

The ongoing operation budget costs of the CRM system are estimated at \$45,000 annually.

### Change in Project from Prior Fiscal Year:

There is no change in this project from the prior fiscal year.

# FY 2010-FY2015 IT PLAN

## DOCUMENT MANAGEMENT SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
MHM RSA Medical Records Management	66,500	25,000	0	0	0	0	0	91,500
Document Management and Imaging Infrastructure								
Funded	0	0	0	55,000	55,000	50,000	50,000	210,000
Unfunded	0	110,000	385,000	0	0	0	0	495,000
Net City Cost		0	0	55,000	55,000	50,000	50,000	210,000
<b>Total, Net City Cost</b>	<b>66,500</b>	<b>25,000</b>	<b>0</b>	<b>55,000</b>	<b>55,000</b>	<b>50,000</b>	<b>50,000</b>	<b>301,500</b>

### MH/MR/SA Medical Records Management System

(015-015-1-3) Priority: Very Desirable

The Department of Mental Health, Mental Retardation and Substance Abuse maintains a critical client-server based comprehensive client database, assessment and treatment planning system (Anasazi). With the department serving approximately 4,500 individuals each year, Anasazi provides a comprehensive data management and billing system to handle all client and third party billing, including managed care, as well as department, City, State and Federal reporting requirements. Additionally, the Anasazi software offers a fully integrated automated client medical records system that provides for one clinical record per client that satisfies both managed care and national accreditation standards.

During FY 2007, the department made progress on several important system goals. Eighteen Broadband wireless (Verizon EVDO) laptops were deployed to clinical staff for use in the field. These laptops have dramatically improved staff's ability to obtain real-time clinical data while working with geriatric, adolescent and homeless consumers. In addition, the department developed a drug distribution and reordering database application to replace the paper-based system. This application is linked to and supplements the Anasazi application. Staff also redeveloped our waitlist application that tracks unmet consumer needs. This application also leverages the data contained in the Anasazi database.

In FY 2009, department staff are working to incorporate electronic signature pads for both patient and clinician use that will improve the efficiency of processing and will easily allow the signed forms to be stored electronically. Scanning technology will allow paper-based forms to be captured electronically and directly related to the patient's record – creating improved record storage, review, and reporting capabilities.

#### Project Benefit:

On going system enhancements will help ensure compliance with the changes in Federal and State regulations, and will enhance the security and reliability of the medical records database. They will also greatly aid our migration to a paperless medical record as well as facilitate Medicaid reimbursement.



## FY 2010-FY2015 IT PLAN

### Operating Budget Impact:

Operating costs for this project are approximately \$21,300 per year.

### Change In Project From Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

### **Document Management and Imaging Infrastructure**

015-014-2-2) Priority: Desirable

City departments and agencies continue to express a need for electronic storage and retrieval of documents through the implementation of our Laserfiche Document Management and Imaging System. Document Imaging has become one of the most used applications in the City. Currently there are approximately 750 regular users who rely on Laserfiche to interface with 14 other enterprise class applications. Laserfiche 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 of seconds – streamlining workflow and improving overall efficiency.

Funding for this project in FY 2009 was primarily used for imaging land development documents, including building site plans, as-builts, plot plans and site plan revisions, with the goal of imaging pertinent information relating to a particular address or project. This initiative is in phase III within the Planning and Zoning, Transportation and Environmental Services departments and the Code Enforcement division of the Fire Department. These land use and building records are among the most important and frequently used in the City. Therefore, the completion of this project will have tremendous staff, resident, and business user impact and benefit.

### Project Benefit:

The Document Imaging project will provides convenient access to information and related services to residents, businesses and City staff, as well as promotes data integration, improves security, and reduces paper storage requirements.

The Imaging Steering Subcommittee of the ITSC works to coordinate the prioritization, scheduling and completion of these projects and submits funding requests for each requesting department's imaging initiative. Not all requests are financed, however.

### Operating Budget Impact:

Operating costs for this project are approximately \$50,000 per year.

### Change In Project From Prior Fiscal Years:

This project was not funded in FY 2010 or FY 2011 due to fiscal constraints. This will delay the expansion of this program into other departments and agencies. Although this is the case, internal programming efforts will continue with available staff, expanding access and interface to electronic documents now stored in our document imaging application.

# FY 2010-FY2015 IT PLAN

## FINANCIAL SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Real Estate Assessment System								
Funded	0	0	0	0	0	0	0	0
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>100,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>100,000</i>
Net City Cost	0	0	0	0	0	0	0	0
OMB Systems	0	0	0	0	0	0	0	0
Payroll/Human Resources System	50,000	2,000,000	1,000,000	0	0	0	0	3,050,000
Financial Accounting and Asset Management System								
Funded	53,000	0	0	0	0	0	0	53,000
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>1,000,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Net City Cost	53,000	0	0	0	0	0	0	53,000
Delinquent Revenue Collection Mgt. System	0	0	0	0	0	0	0	0
Business Tax System	249,980	0	0	0	50,000	0	0	299,980
Real Estate Accounts Receivable System								
Funded	0	0	0	0	0	0	0	0
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>100,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>100,000</i>
Net City Cost	0	0	0	0	0	0	0	0
Purchasing System Replacement	0	0	0	0	0	0	0	0
Personal Property Tax System	0	0	0	0	0	0	0	0
Funded	0	0	0	0	0	0	0	0
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>200,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>200,000</i>
Net City Cost	0	0	0	0	0	0	0	0
<b>Total, Net City Cost</b>	<b>352,980</b>	<b>2,000,000</b>	<b>1,000,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>3,402,980</b>

### Real Estate Assessment System

(015-014-3-1) Priority: Very Desirable

This project (formerly Real Estate Assessment and Accounts Receivable System Replacement) funded the replacement of the City's legacy mass appraisal system with a modern system to provide for greater functionality and a more robust operating environment. In FY 2007, the City implemented the 'RealWare' assessment and appraisal application. The Real Estate staff has worked to ensure, through analysis over a full assessment cycle, that the costing models employed in the system are consistent with the costing models in the old system. Accurate costing of properties is key to supporting correct and uniform property assessments. In FY 2008 the City implemented Pictometry, a feature which has greatly enhanced the City's ability to track changes to City properties.

## FY 2010-FY2015 IT PLAN

### Project Benefit:

This project has enhanced staff productivity through improved processing speed, precise and accurate data to allow for additional tools for analysis in determining property valuations. System operations are greatly improved and data available to the public is more detailed in nature. New reporting tools have provided staff with the ability to be more responsive to requests for information.

### Operating Budget Impact:

Operating costs for this project are approximately \$30,000 per year.

### Change In Project From Prior Fiscal Years:

Funds in the amount of \$100,000 in FY 2011 to fund a required upgrade to a web-based version of the current software package were not funded.

### **OMB Systems**

(015-014-3-2) Priority: Desirable

This project supports ongoing improvements and modifications in the City's budget systems. It is anticipated that the City will be replacing the City's legacy financial applications, including Payroll, Accounting, Purchasing and OMB systems in a future year as part of a consolidated procurement.

### Project Benefit:

This project improves productivity by improving the annual budget preparation. The system, used by every City department, simplifies and streamlines departmental budget submissions. The system also provides improvements to the personnel services cost analysis system, reducing staff effort in analyzing personnel costs and improving the accuracy of the systems' products.

### Operating Budget Impact:

The maintenance costs of the current system are estimated to be \$20,000 annually.

### Change in Project from Prior Fiscal Years:

There are no funds budgeted in FY 2010 or FY 2011 or beyond for in this project. Funding will be needed however at the time the current software product becomes obsolete or no longer is supported by the project vendor.

### **Payroll/Human Resources System**

(015-015-2-5) Priority: Very Desirable

The City's current payroll system is a custom designed, server-based system derived from a legacy mainframe system that does not adequately incorporate many human resources capabilities, such as applicant tracking, position control or benefits administration. The City would benefit from a fully integrated, client-server or web-based system that could better support our human resources which are by far the City's largest expenditure.

For this reason that the City has undertaken a thorough review of its payroll and human resources business processes and has developed clear, concise system requirements that can be used to acquire a new payroll and human resources application. The City will likely purchase new software but will examine outsourcing this function.

Project Benefit:

This project will enhance productivity through more effective, secure and reliable distribution of payroll and personnel data to staff, through the automation of processes that are currently manual. In addition, the implementation of position control as part of a new system will ensure that budgeted positions are appropriately requisitioned and filled.

Operating Budget Impact:

Current operating budget impact for this system is approximately \$75,000 per year.

Change In Project From Prior Fiscal Years:

This project includes \$2,000,000 in FY 2010 and \$1,000,000 in FY 2011 for a human resources and payroll system replacement.

**Financial Accounting and Asset Management System**

(015-014-3-4) Priority: Desirable

This project provides for ongoing version maintenance, upgrades and eventual replacement of the City's general ledger and asset management and reporting system. In its current version and platform, the system is nearing the end of its useful lifecycle from both a technical and functional standpoint. Although the current system includes technology that provides departments and agencies with additional flexibility in managing, accessing and controlling financial information, it is not integrated with the City's current purchasing system and relies heavily on batch interfaces with other systems. Replacement of the general ledger, budgeting and asset management system has been rescheduled from FY 2010 to FY 2011 or beyond and will coincide with replacement of the purchasing system.

City staff have undertaken a thorough review of its general ledger, budgeting, purchasing and asset management business processes to develop clear, concise system requirements that will be used to acquire a new financial system that will integrate accounting, purchasing, payroll, budgeting, and asset management.

Project Benefit:

This project funds the City's centralized accounting system which is used throughout the City.

Operating Budget Impact:

Annual maintenance for the general ledger accounting system, which includes the fixed assets and budget module, is approximately \$150,000 per year.

Change In Project From Prior Fiscal Years:

Funds in the amount of \$1,000,000 were requested but not funded in FY 2011 for this project.

## **Delinquent Revenue Collection Management System**

(015-014-3-5) Priority: Desirable

The Finance Department is implementing a commercial-off-the shelf (COTS)-based integrated revenue collection system that would better assist staff managing the collection of delinquent accounts. This system, which would be similar to what private collection agencies use, would age the citizen accounts receivable, assign the appropriate collection staff, monitor the staff's collection efforts, and automatically generate delinquent notice letters. The Finance Department's Revenue Division is currently collecting receivables without an automated collection system. Most accounts are maintained manually. Staff also has no access to other overdue fees or debts owed by citizens to other agencies or departments. Some databases and spreadsheets, which lack full collection functionality, are also used. The Revenue Division does have a small database application to track audits, field activity and bankruptcies, but all lack an interface to other City financial information systems.

### Project Benefit:

With the implementation of an integrated, delinquent revenue collection system, the ability to target revenue across multiple revenue systems would enhance the City's ability to collect and manage delinquencies. A revenue collection management system would streamline and increase the efficiency of the delinquent tax collection process. The cost of this system is likely to be recouped multiple times by increased revenue collections within twelve months of its installation.

### Operating Budget Impact:

Annual maintenance of this product is anticipated to cost approximately \$22,500.

### Change in Project From Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

## **Business Tax System**

(015-014-3-6) Priority: Very Desirable

This project provides funding to replace the City's business personal property tax system. This new software will replace an outdated system. A new business personal property tax system will be beneficial to both taxpayers and staff by automating the recording of tax returns, assessments, billing and the collection of payments. The new system will reduce waiting time for citizens and business applicants by improving processes when creating, editing and assessing tax accounts.

### Project Benefit:

Improved efficiency through a new user application interface will ensure a more suitable and reliable system environment. The new system will eliminate the need to manually key tax returns received in bulk through the bank lockbox. It is also anticipated that the new system will support web integration, as well as interface with other City systems such as the Delinquent Revenue Collection System.

### Operating Budget Impact:

The estimated operating budget impact for the new system is approximately \$30,000 per year.

## Change in Project from Prior Fiscal Years:

Funding provided in this project will be used to address the severe shortcomings and inefficiencies of the existing business personal property tax assessment and receivables system.

## **Real Estate Accounts Receivable System Replacement**

(015-014-3-7) Priority: Very Desirable

The City of Alexandria's Real Estate Accounts Receivable (REAR) system is used to capture and classify real estate payments made by individual homeowners, businesses, banks and mortgage companies. The current system is based on Clipper, a 32-bit architecture that last received a major upgrade in 1994. Since the City has recently updated the Real Estate Assessment System software, the City should also replace the current REAR system with one on a more robust platform and with a more user-friendly interface. Replacement of the legacy Real Estate Accounts Receivable system would also allow the City to take full advantage of the capabilities provided by both the City's Geographic Information Systems (GIS) infrastructure and the new Real Estate Assessment System software.

## Project Benefit:

This project will enhance staff productivity through improved processing of Real Estate payments, and allow utilization of additional tools for analysis. Systems operation will be improved and the reliability of the application and data will also benefit.

## Operating Impact:

The estimated annual operating budget impact for this software is \$30,000.

## Change In Project From Prior Fiscal Years:

Staff resources for this project are not available until FY 2011, as they will be working on the implementation of the new Business Tax System and the Delinquent Revenue Collection Management system. Also, the current real estate assessments system vendor is developing a real estate accounts receivable system module which may meet the City's needs, and would integrate well with the assessments system. Funds in the amount of \$100,000 were requested but not funded in FY 2011 for this project.

## **Personal Property Tax System Replacement**

(015-014-3-8) Priority: Desirable

This project provides for replacement of the personal property tax system. The City's personal property tax system exists on an older development platform which should be moved to a more viable platform or replaced to reduce contractor hours required to support the application.

## Project Benefit:

Redeveloping the current system will provide the means for achieving other efficiencies through the use of real time interfaces and will result in a reduction of manual work and batch processes. Functionality to allow citizens to be able to view and update their tax account data in real time via the City's web site will be pursued as part of the eventual upgrade. This will redirect a considerable staff effort currently spent performing data entry, reviewing and editing data and collecting taxes.

## FY 2010-FY2015 IT PLAN

### Operating Budget Impact:

There is no significant impact on operating costs other than internal costs for support which are likely to be less than or equal to current levels.

### Change In Project From Prior Fiscal Years:

Staff resources for this project are not available until FY 2011, as they will be working on the implementation of the new Business Tax System and the Delinquent Revenue Collection Management system. In addition, the possibility of using Arlington County's planned Personal Property tax system will be explored. Funds in the amount of \$200,000 were requested but were not able to be funded in FY 2011 for this project.

# FY 2010-FY2015 IT PLAN

## GEOGRAPHIC INFORMATION SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
AVL for Non-Public Safety	40,245	0	0	0	0	0	0	40,245
GIS Development								
Funded	87,600	0	0	90,000	90,000	90,000	90,000	447,600
Unfunded	0	0	90,000	0	0	0	0	90,000
Net City Cost	87,600	0	0	90,000	90,000	90,000	90,000	537,600
<b>Total, Net City Cost</b>	<b>127,845</b>	<b>0</b>	<b>0</b>	<b>90,000</b>	<b>90,000</b>	<b>90,000</b>	<b>90,000</b>	<b>487,845</b>

### **AVL for Non-Public Safety**

(015-014-4-3) Priority: Desirable

This project will continue funding the development of the City's Automated Vehicle Location System (AVL) for non-public safety purposes. This system tracks the location of the vehicles in real-time via a GIS map. The project provides for the acquisition and install of AVL devices in vehicles as well as the development of mapping technology to view and analyze the data. Po-lice and Fire have already implemented GPS/AVL technology for many of their vehicles under a separate project. Initially, this project funded the installation of GPS devices on City refuse col-lection vehicles. Recently, the City's trolley cars were added to the fleet of GPS enabled vehi-cles, in order to improve the service to persons staying in City hotels. By knowing the exact location of the trolley, hotel concierges can tell guests when to expect the next trolley. This project will also integrate with the DASH Real Time Bus information project being imple-mented during FY2010. Pending a review and an analysis of the cost/benefit of the technology, this project may be expanded to include, snow plows and other fleet vehicles. Fiscal con-straints have prohibited this project from being funded in FY 2010, however.

#### Project Benefit:

This project will increase efficiency by providing the precise location of specific non-public safety vehicles throughout the City. This information will be used for real time management of vehicle resources as well as capturing history of routes for analysis such as identify new oppor-tunities to optimize routes and allowing managers to answer questions from customers relat-ing to vehicle activities (i.e., when was trash collected on a certain street?)

#### Operating Budget Impact:

It is anticipated that the operating budget impacts will cost approximately \$15,000 per year (for the current fleet of 21 vehicles), for the depreciation and maintenance on the GPS devices, AVL server software maintenance and communications costs. In addition, the project currently requires a moderate amount of staff time to troubleshoot devices and software, manage changes to fleets and respond to periodic requests for analysis, which the AVL Viewer is cur-rently incapable of doing. Further significant expansion of the system is likely to require con-siderable staff time to keep the system operating efficiently.

#### Change in Project from Prior Fiscal Year:

There are no funds for this project in FY 2010.



## GIS Development

(015-015-3-3) Priority: Desirable

Continued success of the Geographic Information System (GIS) is focused in three areas: data development and maintenance, application development and support, and geospatial analysis. These project areas are equally important to the success of Alexandria's enterprise GIS. The capital funds requested in this plan address necessary improvements to the applications or data functions only.

### GIS Data/Layer Development and Maintenance

FY 2009 will see another base map update. Base map updates occur every two years and consist of new aerial photography and structure and transportation feature updates. This cycle will also include an update to the fences data layer, which has not been updated since it was first collected in 2001. The utility of this layer has increased considerably, as it is a critical part of modeling pedestrian behavior, which is now a frequent analysis task of the GIS Division.

The base map update is the top priority for this capital plan, and is heavily dependant on a state subsidy to augment project expenses. If the state does not provide the anticipated funding, this part of the plan will still be completed, but other parts of the plan will be delayed.

With the demands of maintaining the base map and over 60 other layers in the system, (Appendix C, page 95) and with many more in various states of completeness, new layer development has slowed significantly. GIS staff is at capacity with regards to the ability to continue to maintain layers in a timely and accurate manor.

At the same time GIS has become a core underpinning of many of the City's applications. The relationship between the GIS and other City mission critical applications has evolved from simple mapping and pin-pointing of tasks to functions that now rely on the processes that come directly from the GIS's spatial engine. The GIS Division must continue to raise the level of sophistication of its data models and application interfaces to support the ever growing sophistication of these applications. Therefore, instead of adding new layers to the system, the layer development has shifted focus for FY 2009 and FY 2010 to a multi year project focused on improving the integrity and functionality of the layers already in the system. This project will transition the City of Alexandria GIS data from a series of independent layers to a carefully modeled spatial database. One of the key elements developed will be an integrated universal address master and structures model. The structures model will capture the use and function of each building (i.e. multiple uses, fire preplan information, and interior unit locations). In addition, a routable multimodal transportation base map versatile enough to emulate pedestrian decision-making and support AVL and other transportation projects will be designed and developed.

Finally a new set of data integrity routines and rules, as well as revamped maintenance procedures and a new workflow management and tracking application will be implemented. (The tracking application is not expected to be implemented until FY 2011 and is dependant on additional capital funding.)

### Hardware/Software/Training

The City currently maintains 19 desktop GIS product licenses, plus extensions. These shared licenses support most of the City's GIS user community. Five licenses are ArcINFO and are used primarily by GIS Division staff. Two ArcEditor licenses are shared among the few non-GIS staff users who create edits in the enterprise database. Twelve licenses are ArcView and are shared throughout the City's GIS user community. Extensions maintained by GIS include 3D Analyst, Tracking Analyst, Spatial Analyst, and Stereo Analyst.

## FY 2010-FY2015 IT PLAN

The Division also maintains 2 ArcGIS server and SQL Server database licenses. One internal and one external for server (web) based GIS deployments.

During FY 2010 the City's Computerize Maintenance Management System will be implemented. This system is heavily dependant on GIS which will have and impact on the number of ArcGIS licenses needed. The exact numbers and mix of licenses (desktop / server) has not yet been determined.

During FY 2009, GIS continued to focus on increasing awareness and use of GIS throughout the City. The Introduction to GIS class is taught six (6) times per year; along with teaching the Fundamentals of GIS through a lightweight desktop application it also introduces students to the many available and targeted GIS web applications. Web-based GIS is now supplanting the use of desktop application for the majority of the City's casual GIS users. The mid-level ArcGIS desktop classes are now taught two (2) times per year (due to staffing limitations). During FY 2009, the number of mid-level users increased only slightly as staff turnover now keeps pace with the number of new users requesting training. The GIS Division has now trained approximately 60 users Citywide since the inception of the training class series in March 2004.

In addition to training classes the GIS Division also developed the beta version of a GIS Portal. The GIS portal when completed will be the go-to GIS intranet application to assist City wide users in accessing GIS resources. This site will allow users to access a lot of the basic GIS information and resources without assistance from the GIS Staff. The finished application will include a map library, project requests and project status form, address validation tool, GIS layers library, training program and user update information. It is expected to be completed in late FY 2010.

### Project Benefit:

Geographic Information Systems enhance productivity by providing a tie between seemingly disparate data. GIS enables numerous departments to share resources and reduce research, analysis, and data collection burdens. It serves as a data warehouse for many of the City's critical layers such as roads, buildings, and parcels. It creates a centralized responsibility for the maintenance and dissemination of these layers. GIS simultaneously updates map data City-wide and ensures all City agencies have access to identical spatial data. City staff and the public are provided with quick access to consistent answers City-wide. GIS enables staff to provide City Council, various boards and commissions, and the public with accurate maps, which help synthesize significant amounts of information about geographically related issues such as zoning, demographics, routing, and infrastructure. Finally, and perhaps most significantly, GIS provides unique solutions to complex spatial problems, which would otherwise be cost- or time-prohibitive to undertake.

### Operating Budget Impact:

The Department of Planning and Zoning is responsible for management of the GIS Division. A staff of six (one Division Chief, two Programmer Analyst IIs, two Customer Support Engineer IIIs, and one Planning Technician) are currently responsible for implementing the enterprise GIS function as well as supporting the GIS needs of Planning and Zoning. Staff time is divided between these two functions.

### Change in Project From Prior Fiscal Year:

Prior year unspent capital was reduced by \$100,000. Funds in the amount of \$90,000 were requested but not funded in FY 2011 for this project.

# FY 2010-FY2015 IT PLAN

## PUBLIC SAFETY SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Public Safety Radio System Replacement								
Expenditure Totals						50,000	50,000	100,000
Less: Federal Byrne Grant	0	0	0	0	0	0	0	0
Net City Cost	0	0	0	0	0	50,000	50,000	100,000
Alexandria Justice Information System (AJIS) Enhancements	126,000	180,000	200,000	220,000	225,000	235,000	250,000	1,436,000
Police Computer Aided Dispatch (CAD)/RMS Project	47,954	81,000	30,000	58,500	308,500	31,500	50,000	607,454
Fire Computer Aided Dispatch (CAD)/RMS Project	143,591	160,500	0	95,000	0	10,500	11,000	420,591
EMS Records Management System	40,000	0	0	0	250,000	0	0	290,000
Sheriff - Mobile Data Browsers	0	0	0	0	0	90,000	0	90,000
NEW EOC Laptops	0	80,000	0	0	0	0	0	80,000
NEW Data Replication System Replacement	0	35,000	0	0	0	0	0	35,000
<b>Total, Net City Cost</b>	<b>357,545</b>	<b>536,500</b>	<b>230,000</b>	<b>373,500</b>	<b>783,500</b>	<b>417,000</b>	<b>361,000</b>	<b>3,059,045</b>

### Radio System Replacement

(015-014-5-1) Priority: Essential

This is a continuation of a project begun in FY 1997 to upgrade the City's 800 MHz shared radio system. Funding in FY 1999 provided for the phased replacement of obsolete mobile and portable radios utilized by City agencies, provided a backup conventional radio system and increased the capacity of the City's shared primary trunked radio system. The majority of this project has been completed. Radio system completion and final acceptance took place in December 2006.

In FY 2010, \$3.6 million is included in the CIP project for the new Police Facility for radio replacements. This will enable the City to maintain interoperability with other jurisdictions. There are more than 1,700 subscriber radios operating on the City of Alexandria trunked radio system. The City's radio system is used by multiple jurisdictions within the National Capital Region and federal and state agencies. In addition, the City's subscriber radios also have the capability to interoperate with other state/local/federal agencies and have the national interoperability channels.

#### Project Benefit:

The radio replacements will enhance productivity and provide interagency interoperability:

- Allowing interoperability with newer systems,
- Improving the clarity of transmissions through the use of modern technology; and

## FY 2010-FY2015 IT PLAN

- Facilitating mutual aid operations with Airport Authority Police and Fire, and Arlington and Fairfax counties, who are also implementing technologically compatible radio systems.

### Operating Budget Impact:

The annual cost of maintenance for the replaced system is estimated at \$498,000.

### Change In Project From Prior Fiscal Years:

Funds for replacement radios are not included in this project for FY 2010 through FY 2013, as all new radios will be purchased in FY 2010, and those will be under 3 year warranty. These are budgeted within the CIP project for the new Police facility.

### **Alexandria Justice Information System (AJIS) Enhancements**

(015-014-5-2) Priority: Very Desirable

New capabilities and enhancements are continually added to AJIS. Recent examples provide new Jail Management features including the tracking of Detention Center volunteers; identifying foreign born inmates and inmates with felony convictions; and providing various inmate statistics. In the coming months, new or enhanced interfaces are being developed for inmate canteen accounts; the latest fingerprint scanning system and inmate medical records. Additionally, a new Inmate Recreation Restrictions module and Training module are currently being developed.

Complementing the Circuit Court Clerk's Office's extensive AJIS functionality, work has begun on new efficiencies including AJIS-provided fiduciary document and system-generated Court Order signature imaging modules.

Off-site, real-time replication of AJIS data now provides public access to Court data. Additionally, it has the added benefit of providing an accessible, convenient back-up of AJIS data. In association with a 3rd party vendor, extensive redaction functionality for Court documents is currently being implemented.

Expanding the development and availability of printed reports and forms needed by all departments continues as an important initiative to aid in statistical analysis and accreditation compliance. Likewise, interfaces to other systems reduces current levels of manual labor.

AJIS will continue to require modifications based on changes to federal, state and local statutory requirements. This funding is also needed for upgrades required by the variety of software used by AJIS. This will ensure that AJIS continues to perform as a highly reliable and critical system.

### Project Benefit:

On-going enhancements to the Alexandria Justice Information System will protect the City's investment by ensuring that the system will continue to grow to meet changing statutory and technological requirements.

### Operating Budget Impact:

Operating budget impacts for the AJIS system are approximately \$120,000 annually.

### Change In Project From Prior Fiscal Years:

Monies in this project will be used to fund several initiatives for the Sheriff's Department and the Circuit Court Clerk's Office in FY 2010.

## **Police Computer Aided Dispatch (CAD)/ Records Management System (RMS) Replacement**

(015-015-3) Priority: Essential

This project provides for the phased replacement of the hardware for the City's mission-critical Police computer aided dispatch and records management systems. The replacements are:

The CAD PC-based equipment will require replacement in FY 2010, FY 2012, and FY 2014. This equipment should ideally be replaced at least every two years as it is in operation 24 hours a day, seven days a week, is rarely turned off and serves critical public safety needs.

The CAD servers, which support the essential functions of the CAD and mapping server, should be replaced every 3 years. These are a critical component of the CAD system.

The replacement of the two IBM AS/400 mini-computers should ideally occur every three years due to normal life cycle expectancy under a 24 x 7 operation. Monitors are replaced every 3 years.

Automatic Vehicle Locator (AVL) devices and the associated mobile mapping software have been tested and implementation has begun. Two hundred and thirty laptop computers with embedded GPS antennae have been purchased and are scheduled for deployment by February 2009. The software allows display of the vehicles in the dispatch center as well as on the lap-tops, improving the management of field resources and increasing safety. Most of these units will be deployed in the patrol division, and as computers are replaced in FY 2010 the mobile mapping capability will be extended department wide.

Planned initiatives for FY 2009 include continuing AVL deployment as older mobile computers are replaced.

The Records Management Systems, housed on the AS/400, provides the base for almost all data collected by Police staff.

### Project Benefit:

The Records Management Systems, housed on the AS/400, provides the base for almost all data collected by Police staff.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$75,000 per year.

### Change in Project From Prior Fiscal Years:

Funds in the amount of \$81,000 are included in FY 2010 for this project.

## **Fire Records Management System (RMS)**

(015-014-5-4) Priority: Essential

This project provides for the phased replacement of the hardware for the City's mission-critical Fire integrated Computer Aided Dispatch (CAD) and records management systems. The re-placements are:

## FY 2010-FY2015 IT PLAN

Seven CAD workstations require replacement in FY 2010, FY 2012 and FY 2014. This equipment is replaced every two years as it is in operation 24 hours a day, seven days a week, is rarely turned off and serves critical public safety needs.

CAD Monitors and video cards are replaced on a three-year cycle. They are replaced in FY 2009; FY 2012 is the next scheduled replacement. Each CAD workstation has a three monitor configuration.

Fire and EMS Records Management Systems require two servers for database management and data communications with mobile units in the field. These are high-priority systems in constant use and should be replaced on an accelerated cycle. Since Fire and EMS Records Management Systems were moved to Windows-based SQL Server from AS/400, substantial cost savings will be realized in spite of an accelerated replacement cycle.

Automatic Vehicle Locator (AVL) devices are in place in all primary response Fire and EMS vehicles. AVL provides the ability to constantly monitor the location of vehicles to improve the management of field resources and to increase safety. The Fire Department continues to work with our CAD software vendor to develop a capability to utilize AVL data to send the closest appropriate unit to the scene of an incident.

A separate mapping server is being purchased in FY 2009. This will support a modified CAD architecture as specified by the Police and Fire CAD vendor. In addition, the 6101 Edsall Road Incident Analysis (Routley Report) recommended that command officers need better tools to improve situational awareness as they manage major incidents like this one. To this end, command officers do not have mobile data computers in their vehicles. These devices deliver real-time data directly from communications and other on scene units, enhancing command, control and communications. We propose to expand our mobile computing deployment to fourteen additional vehicles assigned to chief officers and key personnel in FY 2010.

LG Address software provides integrated administration of address records for both CAD and mapping through an interactive map interface. LG Route software was purchased in FY 2009. LG Route allows mobile maps to direct responders to the scene of the incident using the fastest route, and will contribute to development of closest-unit recommendation via AVL.

The Department is also actively pursuing an initiative to connect CAD systems in different jurisdictions to expedite call handling and dispatch when multiple jurisdictions are needed to respond to an incident. Major funding was secured in FY 2009 through a Public Safety Inter-operable Communications (PSIC) grant; the City will have to fund approximately \$60,000 in matching contributions.

### Project Benefit:

This project ensures continued development and improvement to the City's Computer Aided Dispatch (CAD) and Records Management functions in the Fire Department.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$75,000 per year.

### Change in Project From Prior Fiscal Years:

Funds in the amount of \$160,500 are included in FY 2010 for this project.



## **Emergency Medical Services Records Management System**

(015-014-6) Priority: Essential

The City uses a COTS system to gather data regarding emergency medical services 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 left at a hospital. The data is transferred to the Fire/EMS Records Management System and then a data transfer is made to the City's ambulance billing agency for the calculation of the appropriate ambulance billing charges. This system was successfully upgraded in FY 2006. In FY 2010, funds in the amount of \$40,000 are planned to transform data into real-time information analysis for command and operational officers, analogous to the Police Department's Strategic Response System. Two SQL servers support current systems. An additional server and system realignment are planned to balance workload and support our real-time analysis initiative. Patient care standards and reporting requirements continue to evolve. In FY 2013, eight years will have elapsed since the current system specifications were developed. Therefore, the records management system specifications will be thoroughly reviewed in FY 2013 and the system potentially replaced.

### Project Benefit:

The system provides the EMS staff the capability to gather accurate patient data which results in better information conveyed to hospitals on patient status. In addition, the information is used for ambulance billing charges, enabling more accurate and timely billing and follow up. Real-time data analysis promises to substantially enhance resource management and detection of syndromic events.

### Operating Budget Impact:

The ongoing operating budget impact is approximately \$34,000 per year.

### Change in Project from Prior Fiscal Years:

Hazard and life safety preplanning continues with assistance from City GIS. Real-time information analysis is well aligned with this project and offers substantial benefit, so funds are committed to it rather than preplanning. Funds have been requested in FY 2013 to support a new RMS procurement process.

## **Sheriff Accreditation Training System**

(015-014-5-7) Priority: Desirable

The American Correctional Association (ACA) and Commission on Accreditation for Law Enforcement Agencies (CALEA) requires all Deputy Sheriffs and select civilian staff to receive 40 hours of training each year. Further, the Department of Criminal Justice Services (DCJS) requires all Deputy Sheriffs to receive 40 hours of training in law enforcement, corrections and/or court security every two years. Currently, the City's yearly staff training is completed at various criminal justice academies in the Northern Virginia area. Deputy Sheriffs are required to leave their assigned Sheriff's Office duty post (Detention Center, Courthouse) to complete this mandatory training. Overtime is required to ensure minimum staffing at the various Sheriff's Office locations while staff participates in off-site training. This project requests funding for an in-house computer based training program that will allow Deputy Sheriffs and civilian staff to participate in training during their normal duty hours. The computer based training program will also allow for training to be delivered to staff that is agency-specific, so that staff may benefit from training focused directly on Sheriff's Office policies, procedures and practices.

## FY 2010-FY2015 IT PLAN

A review of the original proposal and the changing economic realities provided an opportunity for the project to be delivered with reduced costs and increased effectiveness. The original proposal mandated the initial purchase of software and annual licensing renewals in order to maintain the training system. We have determined that the accreditation training can be de-livered using existing software (MS Powerpoint), the AJIS system (to serve as training data-base), and with the purchase of audio/visual equipment and other training aids to produce and deliver the training modules. The desire to use MS Powerpoint instead of an 'off the shelf' and/or proprietary software system was driven by a concern that an external vendor could go out of business and would be unable to support the training system. The stability of the MS product will allow longevity and consistency in our training efforts that a purchased software program may not provide.

Currently, the Office is developing new cost figures for the purchase of:

- A/V equipment to record and deliver the training
- Training aids (DVDs)
- Any AJIS enhancements needed to track training hours

The goal is to have the training system up and running before the end of the FY 2009.

### Project Benefit:

The computer-based training will be interactive and document the staff person participating, training dates and times, and testing process. Allowing Deputy Sheriffs to take computer-based training classes to meet annual training requirements will reduce the number of training hours delivered off-site, thereby ameliorating the cost of overtime and the burden of backfilling staff to ensure minimum staffing requirements are met. Appropriate videos, training aids, web-based programs and an in-house curriculum would be utilized to provide as much training for Sheriff's Office staff to meet the training requirements of the Office's accreditation programs and the Virginia Department of Criminal Justice Services (DCJS).

### Operating Budget Impact:

Annual maintenance costs for this project are expected to be about \$11,250.

### Change in Project from Prior Fiscal Year:

There is no change in this project from the prior fiscal year.

### EOC Laptops

(015-014-5-14) Priority: Essential

The Emergency Operations Center (EOC), a critical component of the City's emergency management program, uses 40 laptops stored and ready for immediate deployment during any major emergency event. Initially, these laptops were secured using grant funding. The use of laptops in the EOC allows for rapid deployment, and if necessary, transport to an alternate facility to perform this essential service. Laptops are used by EOC key personnel to facilitate incident and resource management decisions during an emergency event. The laptops are used with software programs (i.e. WebEOC and others) that connect with other City staff and with key staff in other jurisdictions for strategic and tactical decision making during the event.



Project Benefit:

The current EOC laptops are now over four years old and are out of warranty. These are mission-critical devices that require dependable hardware. Replacing these computers with new hardware will allow better performance and reliability, as well as options for better connectivity.

Operating Budget Impact:

The annual depreciation on these laptops is approximately \$25,000 per year.

Change in Project From Prior Fiscal Year:

This is a new project for FY 2010.

**Data Replication System Replacement**

(015-014-5-15) Priority: Desirable

The Police Department currently uses an older system to replicate the CRIMES records management system environment and data in real-time. This is done with zero loss to functionality and data for the police department. The system is a hot backup that replicates the work of the primary AS400 server for the police department. The data backup system is used to perform daily backups on our secondary AS400 without disrupting the production environment. It is used for unplanned out-ages of the primary AS400, such as hardware failures.

Although the current data backup system meets some of the Police Department's requirements, it does not perform many of the disaster recovery processes needed within a 24/7 operation like the po-lice department. A more modern replacement system will meet many of the department's disaster re-cove-ry data and processes requirements which are currently unmet . These requirements include an increased ability to switch users to the secondary AS400 while performing routine maintenance on the primary AS400, automation of routine system tasks, and a common vendor for our disaster recovery software and application vendor.

Project Benefit:

The desired replacement system will provide seamless data replication, library redirec-tion, graphical command for IT staff, GUI journal management and continuous data protection.

Operating Budget Impact:

Annual maintenance costs for the replacement system will be approxi-mately \$4,200 per year, a reduction of over \$12,000 per year for the current less functional system.

Change in Project From Prior Fiscal Year:

This is a new project for FY 2010.

# FY 2010-FY2015 IT PLAN

## OTHER SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
Permit Processing	240,600	0	0	0	75,000	500,000	500,000	1,315,600
MHM RSA HIPAA Data Security Compliance	50,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
TES Infrastructure Management and Maintenance System	100,000	0	0	0	0	0	0	100,000
DHS Payment System Replacement	0	0	0	0	0	0	0	0
Library Automated Catalog Upgrade	0	0	0	0	0	0	0	0
<b>Total, Net City Cost</b>	<b>390,600</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>100,000</b>	<b>525,000</b>	<b>525,000</b>	<b>1,615,600</b>

### Permit Processing

(015-014-7-1) Priority: Essential

This project provides for the continued development of the City's various building-related permit systems, the most important of which is Permit\*Plan, which supports the administration of the City's land development process. The permit process includes the administration of the fire prevention permits, building maintenance and city ordinance complaint tracking (for complaints regarding existing structures), civil penalties ticket tracking, fire inspections performed, residential rental inspections program, tenant/landlord complaints, Planning and Zoning complaints, development special use permits, special use permits, Transportation and Environmental Services permits, occupancy certificates and other construction related permits such as building, mechanical, electrical, gas system, elevator, fire protection systems and plumbing.

In addition, code modification records, vacant building registration, unfit property tracking and outdoor dining permits are issued and tracked through the system.

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.

Internet access to the City's permitting system data is available on the City's web site. At present, site visitors may check the status of applied for permits and obtain inspection status by knowing project number, address or by permit number. Citizens and construction contractors have requested an increase in the services of the site to enable users to apply and pay for simple permits and schedule inspections from the City's web site. These needs are being addressed by the City's e-Government manager in the context of improvements to the Code Enforcement, TES and Planning and Zoning web sites. The project will include improved information offerings, a combined development review and permitting website and web-based permitting.

## FY 2010-FY2015 IT PLAN

The "Code Mobility" program allows field inspectors access to the City's permitting application while in the field. This project increases efficiency by eliminating the need for inspectors to enter data twice (once in the field, and again in the office), and by having updated information on inspection status available to the public at nearly real-time. In FY 2008, the Fire Inspection unit including Fire Marshals, as well as T&ES Inspectors and Planning and Zoning Inspectors were added to this program.

Also in FY 2008, the Code Enforcement bureau replaced its Integration Voice Response (IVR) unit that supports phone-based inspection requests. The new IVR unit provides several new customer service features including the ability for inspectors to leave recorded messages for the citizen/contractors. Additional modules (reverse phone inspection results and email inspection results) to improve the capabilities of the replaced IVR unit will be considered once all field laptops and printers are purchased.

In FY 2009, the bureau will continue improvements to the recently established Permit Center. The Permit Center provides a single location for contractors, residents and permit holders to obtain permit information and submit permit applications. Customer flow management is critical to providing an efficient customer service experience for Permit Center users. A basic queuing system is already in use and consists of printed number tickets and wall-mounted digital number boards that are manually advanced by the Engineering Aides when they finish working with a customer. A more sophisticated system is required to handle the in-creased volume of customers and provide center management with meaningful data regarding the time cus-tomers spend in the center. The proposed system will allow for different work functions (which require variable processing time) to be assigned to different positions at the Permit Center counter. After check-in, customers are queued based on the type of permit or inquiry they are submitting, and are given information about how long they can expect to wait for service.

### Project Benefit:

This project enhances productivity for City staff in Code Enforcement, Planning and Zoning, Transportation and Environmental Services, Health, Archaeology and Recreation by reducing the time to transmit permit requests among the departments that must review them. The system enables better customer service by enabling staff to answer inquiries about the status of permit applications quickly and accurately. In addition, the Integrated Voice Response (IVR) system allows contractors, residents and customers to use telephone automation to schedule inspections, get inspection results, have applications faxed and get general information regarding when permits are required, which frees up staff to do other tasks.

### Operating Budget Impact:

Annual operating budget costs for current system maintenance and costs of the mobility project (for field computer depreciation) are approximately \$220,000 per year.

### Change in Project From Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

## **MHM RSA HIPAA Data Security**

(015-014-7-4) Priority: Essential

The Health Insurance Portability Accountability Act of 1996 (HIPAA) was enacted by Congress and signed into law to regulate and standardize information exchanges and establish standards for the privacy and security of individually identifiable health insurance information. HIPAA impacts all functions, processes and systems that store, handle, or generate health information.

The act is complex and the regulations by design leave the procedural implementation decisions open to interpretation. The scope of this project includes a self-assessment of current business functions and their impact on HIPAA regulations and compliance issues. MH/MR/SA staff are familiar with the Security Rules and the department has a voting member on the Virginia Community Services Boards' (VACSB) HIPAA Security Subcommittee. This subcommittee developed a Risk Analysis Tool. MH/MR/SA is using this tool to assess risk and implement appropriate measures to mitigate these risks.

In FY 2008, the department replaced the server that hosts the Anasazi Microsoft SQL database. The server operating system and the SQL database software were upgraded to MS SQL 2005. These improvements tripled the amount of RAM available to users, increased storage capacity and decreased the server footprint. Recently, staff has been focusing on enhancing and securing remote access to these critical systems. Staff worked with an outside vendor to perform a health check overview of the department's Citrix farm. This check uncovered areas of concern related to group policies, error logs, CPU and memory optimization which the staff are currently working through. When this work is completed, the remote connections will be more secure and reliable.

Planned improvements in this project include adding a biometrically aware Citrix Server to the Citrix farm to test remote biometric validation.

### Project Benefit:

This project provides funding to ensure City compliance with HIPAA regulations.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$5,000 per year.

### Change In Project From Prior Fiscal Years:

Funding for this project continues through FY 2015 in the amount of \$25,000.

## **TES Infrastructure Management and Maintenance System**

(015-014-7-3) Priority: Very Desirable

Transportation and Environmental Services (T&ES) Operations Division (Maintenance and Solid Waste Divisions) and Traffic Division use semi-automated processes for work input and control of the City's municipal physical public works assets and services. These systems log work to be accomplished and completed work, but no entry is made into a history file. If management wants to see the amount and type of work that has taken place over a period of time on a specific asset element, a manual records search has to be done. In addition, there is no record of the cost of the service performed, nor an accurate account of how much time it took to complete the work.

## FY 2010-FY2015 IT PLAN

In FY 2009 the City completed its acquisition of a commercial off-the-shelf-software package called Cityworks for this project. Cityworks is used in many municipal public works departments throughout the U.S. and Virginia.

Cityworks will be used to track work orders initially for T&ES and the Recreation Department. As the City has acquired a site license for the product, usage may be expanded to additional departments including MH/MR/SA and General Services. Cityworks interfaces with the City's GIS system for mapping. It will also be the platform on which a Citywide Customer Relationship Management (CRM) system will operate.

### Project Benefit:

This project enhances productivity by improving customer service, eliminating unnecessary manual data entry, accumulating more accurate maintenance data and creating a database of infrastructure items and maintenance activities. Customer satisfaction is improved due to the City's enhanced ability to respond to resident complaints about City infrastructure in a more timely and accurate fashion.

### Operating Budget Impact:

The annual operating budget impact is estimated at approximately 15 percent of the current year software cost, or \$70,000.

### Change In Project From Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

## **DHS Payment System Replacement**

(015-014-7-6) Priority: Desirable

The Human Services department's current payment and case management system is at the end of its useful life and needs to be upgraded to a web-based version. The current system is used by Human Services, MHMRSA, Alexandria City Health Department, Alexandria City Schools and Court Services personnel for service-related cases.

The City has recently contracted with the current system vendor to acquire and implement their latest product version. This project is currently underway, and is anticipated to be completed by September 2009.

### Project Benefit:

The new version of the software will provide a more flexible, cost-effective and portable software solution for staff. The solution includes improvements in overall access, security, reporting and screen design, and will also allow access by staff not connected to the City's network. Any changes the State makes in reporting requirements will be included in the final upgraded web version.

Once the upgrade is completed an additional module can be purchased and installed to allow vendors to access payment information. It is anticipated that this module will cost an additional \$150,000.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$30,000 per year.

### Change in Project From Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

## **Library Automated Catalog Upgrade**

(015-014-7-7) Priority: Very Desirable

In FY 2005 the Alexandria Library replaced its integrated automated library system with the Horizon/Dynix automated catalog system. Implementing a new system improved the library patron's access to the library's collection, its on-line reference resources and other special services such as remote reserving and renewing of material, delivery to the homebound, and movement of materials between and among branches upon request.

The system's vendor recently released a schedule of required upgrades to the system. This project provides funds to acquire necessary hardware, software and services to complete the upgrade. A primary feature of this additional upgrade will enable the credit card payments of library fines through electronic financial transactions that will also incorporate real-time account adjustments. This upgrade project will begin in early 2009, and will be funded from FY 2009 reallocated CIP funds.

### Project Benefit:

Implementing required updates protects the City's investment in its applications by ensuring continued product support and user access to new product functionality.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$20,250 per year.

### Change in Project from Prior Fiscal Year:

There is no change in this project from the prior fiscal year.

# FY 2010-FY2015 IT PLAN

## LOCAL AREA NETWORK (LAN) DEVELOPMENT

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
<b>LAN Backbone Capacity</b>								
Funded	75,000	0	0	75,000	75,000	75,000	75,000	375,000
Unfunded	0	0	75,000	0	0	0	0	75,000
Net City Cost	75,000	0	0	75,000	75,000	75,000	75,000	375,000
<b>Individual Building LAN Development</b>								
Funded	50,000	0	0	25,000	25,000	25,000	25,000	150,000
Unfunded	0	0	25,000	0	0	0	0	25,000
Net City Cost	50,000	0	0	25,000	25,000	25,000	25,000	150,000
<b>Upgrade Network Operating System</b>								
Funded	25,000	0	0	15,000	15,000	20,000	20,000	95,000
Unfunded	0	0	15,000	0	0	0	0	15,000
Net City Cost	25,000	0	0	15,000	15,000	20,000	20,000	95,000
Upgrade Work Station Operating Systems	160,000	50,000	50,000	50,000	50,000	50,000	50,000	460,000
<b>Network Infrastructure Hardware Upgrades/ Replacement</b>								
Expenditure Totals	482,125	295,000	455,000	350,000	300,000	300,000	300,000	2,482,125
Less Revenues	-482,125	-110,000	-200,000	-350,000	-300,000	-300,000	-300,000	-2,042,125
Net City Cost	0	185,000	255,000	0	0	0	0	440,000
<b>Criminal Justice Systems Data Storage</b>								
Expenditure Totals	100,000	0	0	0	0	0	0	100,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Cost	100,000	0	0	0	0	0	0	100,000
<b>Total, Net City Cost</b>	<b>410,000</b>	<b>235,000</b>	<b>305,000</b>	<b>165,000</b>	<b>165,000</b>	<b>170,000</b>	<b>170,000</b>	<b>1,620,000</b>

### **Increase the Capacity of the LAN Backbone**

(015-014-1-1) Priority: Very Desirable

A Local Area Network (LAN) backbone is the set of electronic components (Ethernet switches, routers, cables, concentrators and hubs) and software that connect multiple LAN servers within a single building to one another. These LAN backbones are also connected to the City's Wide Area Network (WAN). This includes high-speed WAN services for the City's Institutional Network (I-Net), virtual private network (VPN) services, and for Arlington and Fairfax County, Virginia, as part of the Nation Capital Region Interoperability Program (NCRIP).

A backbone's capacity is a key factor contributing to the transmission speed or data rate. At present, the data rate for a typical City building transmitting data using Ethernet communication protocols is 1 gigabit per second. With the deployment of document storage and retrieval services, as well as the increased data traffic that is being introduced by the development of the Geographic Information System, the Alexandria Justice Information System, the Police and Fire

Computer Aided Dispatch Systems and the other Public Safety systems and the use of Lotus Notes e-mail, additional backbone capacity is required to optimize network performance in many City facilities.

Project Benefit:

This project continues to fund improvements to staff productivity by increasing the speed with which data are delivered to users of the City's computer networks. By providing equipment upgrades to the network backbones, it is possible to provide better quality of service (QOS) to computer users by significantly reducing the time spent waiting for network responses for data. The upgrades also enable a much wider exchange of graphical images and other items such as maps and video that demand high bandwidth.

Operating Budget Impact:

The estimated operating budget impact for this project is \$11,250 per year.

Change In Project From Prior Fiscal Years:

There are sufficient prior year resources to forgo funding in FY 2010. Funds in the amount of \$75,000 were requested but not funded in FY 2011 for this project.

### **Individual Building LAN Development**

(015-014-1-2) Priority: Very Desirable

This project includes installation of, or upgrades to, local area networks (LANs) located in many City government buildings. Monies in this project fund the acquisition of the LAN infrastructure components (Ethernet switches, punch-down blocks, cabling, etc.) required to support the relocation of staff to new office space (Job Link, Code Enforcement staff, Police vehicle facility, etc). These network components will be connected to the I-Net switches at each site, and additional LAN infrastructure equipment will be installed where necessary. These upgrades or new connections will provide users data rates of 1 gigabit per second and support power over Ethernet requirements for VOIP installation. As the I-Net is deployed further and the specific needs of each building are clearly identified, costs will be updated accordingly.

Project Benefit:

LANs can provide better quality service for staff by improving access to data and by making new functions available that can improve the quality of customer service.

Operating Budget Impact:

The estimated operating budget impact for this project is \$7,500 per year.

Change In Project From Prior Fiscal Years:

There are sufficient prior year resources to forgo funding in FY 2010. Funds in the amount of \$25,000 were requested but not funded in FY 2011 for this project.



## **Upgrade Network Operating System**

(015-014-1-3) Priority: Very Desirable

This project provides software upgrades and replacements for the City's enterprise network infrastructure, as well as associated tools for network management and desktop administration. These products include scripting software that simplifies network management and reduces the time required to perform administrative tasks. Other initiatives in this area include tools to monitor the complete network environment, from software to electrical power, and provide real-time notification to City network engineers in the event of an actual or potential device failure.

Licenses and operating system software for new servers to expand or increase network performance are also purchased through this program. One example of these types of licenses is server 'client access licenses' (CALs). CALs allow simultaneous server connections, which are necessary as ITS continues to consolidate and virtualize enterprise network servers. Consolidation and virtualization will create greater network efficiencies by reducing the number of physical servers purchased and reducing network operating costs as the overall number of servers in the network is reduced. Terminal Services CALS are also funded from this project to allow remote access to Microsoft Windows servers. Current pricing for Microsoft Windows 2003 Server Enterprise Edition is approximately \$5,000.00 per license. The Enterprise edition allows us to install multiple instances of the operating system on the physical box, which will result in an overall cost savings.

The purchase of server virtualization products such as VMware and the Windows Enterprise software will also be funded from this project.

Additionally, this project will fund the purchase of CALS for Microsoft Server 2008 when it is deployed on City servers in FY 2010.

This project is closely planned and implemented in conjunction with the Network Infrastructure Hardware Upgrades/Replacement project.

### Project Benefit:

This project enhances productivity by making network management tasks more efficient by reducing the time spent by ITS staff managing and monitoring the City's network services. Introduction of new software and management tools has the secondary effect of providing training and developing proficiencies for City network engineers as they work with the latest operating systems and software tools.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$50,000 per year.

### Change In Project From Prior Fiscal Years:

There are sufficient prior year resources in this project to forgo funding in FY 2010. Funds in the amount of \$15,000 were requested but not funded in FY 2011 for this project.

## **Upgrade Workstation Operating Systems**

(015-014-1-4) Priority: Essential

This project provides funds to upgrade the operating system on City computer workstations with an appropriate version of Windows. This project also provides funds for additional workstation memory, larger capacity hard drives, or other related hardware components as necessary. Additionally, the project provides for the labor costs of installing the new operating systems. These upgrades are required to support the next generation of City e-mail messaging, financial, public safety, GIS, human resource, maintenance management and other applications.

The City replaces primary desktops on a five-year cycle and as these are replaced the operating system is typically upgraded. However, this funding is for those computer workstations that are not in need of physical replacement, but still require the upgrade of the operating system to allow a new or upgraded application to run. Additionally, this funding is used to test the viability of newer operating systems on current City applications and hardware.

The current desktop operating system standard is Windows 2000 and Windows XP. All new workstations are deployed with Windows XP. After the completion of the FY 2009 equipment replacement cycle, ITS estimates that there will be less than 600 workstations with Windows 2000 and about 1,700 with Windows XP.

Microsoft maintains a 10-year minimum support cycle for their product line. On June 30, 2005, the Windows 2000 product family transitioned from mainstream support to its extended support phase. Microsoft will continue extended support for Windows 2000 through July 13, 2010. With the release of Windows Vista in January 2007, mainstream support for Windows XP is scheduled to expire on April 14, 2009 and extended support is scheduled to end on April 8, 2014. Microsoft is currently working on the next generation operating system, Windows 7.

In FY2009, the City conducted preliminary testing with Windows VISTA and enterprise applications. Incompatibilities were identified and continue to be investigated. Given the general lack of corporate consumer demand, Dell Inc., the City's primary computer supplier, will continue to offer Windows XP installations with a VISTA license until December 31, 2009. This negates the urgency for the City to move to the VISTA platform and allows for additional time to evaluate VISTA and monitor Microsoft's business strategy for Windows 7. Funding in FY 2010 will be used for Windows XP upgrades and for Windows Vista migration planning, training, testing, and limited deployments.

With the City's five-year desktop replacement program suspended for at least one fiscal year, there will be an increased need to upgrade workstations with newer operating systems and additional hardware to meet the demands of new technologies scheduled for deployment in FY2010-FY2014.

### Project Benefit:

This project ensures that the City's desktop computing environment is viable and meets the requirements of new software and hardware technologies needed by City computer users.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$7,500 per year.

### Change In Project From Prior Fiscal Years:

Funding for this project in FY 2010 is \$50,000.

## **Network Infrastructure Hardware Upgrades/Replacement**

(015-014-1-5) Priority: Essential

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 also provides funds for consulting services to properly plan and execute the scheduled network infrastructure upgrades.

### Project Benefit:

This project funds hardware and software for the phased replacement of servers in accordance with the Appendix A schedule. New servers that are required to provide the expected level of system reliability and availability are also purchased along with the necessary administrative software and desktop licenses to manage the network.

Future initiatives for this project include the replacement and consolidation of legacy file servers and network printers into a virtual infrastructure. As well as further refinement of the City's data storage and backup procedures. Implementation of a virtual infrastructure is also funded under this project. Virtualization allows multiple instances of servers to reside on a single physical server. These servers can be clustered for data redundancy and business continuity initiatives.

### Operating Budget Impact:

New and replacement servers are acquired with four year on-site maintenance warranty service, holding annual network equipment maintenance costs to a minimum. With the reduction of physical servers and their associated maintenance costs, we will need to purchase VMware licenses to accommodate growth. The estimated operating budget impact for this project is \$15,000 per year.

### Change In Project From Prior Fiscal Years:

Several essential purchases and upgrades are required for this project this year. Data storage devices, including SAN trays and additional disk drives, are needed to accommodate projected growth. The consolidation of servers will reduce the number of physical servers by replacing them with more powerful servers with quad processors, multiple drives and back end data storage devices providing high availability and business continuity.

Several additional features are funded and will enhance the remote network management and operating capabilities. A server monitoring tool that monitors the server's health and sending alerts to network engineers greatly enhances remote operations. A central management tool to deploy, migrate and maintain the new virtual infrastructure.

## **Criminal Justice Systems Data Storage**

(015-014-14) Priority: Very Desirable

### Project Benefit:

A funding request for \$100,000 in FY 2009 allowed for the upcoming purchase and installation of a disk-based data storage system for the Circuit Court Judges Chambers. This system will be used for separate data storage and backup of critical criminal justice and civil data information. This information has unique retention schedules and access requirements and must be managed separately from other City data.

## FY 2010-FY2015 IT PLAN

The purchase of a data storage system for Criminal Justice will help the Court comply with Virginia Code requirements for management and preservation of public records. According to Virginia Code, paper and electronic records must have the same retention schedules. This includes expungement of police and court records, juvenile records as well as indefinite storage of certain documents and civil records. This important synchronization will be more easily executed after a storage system is in place.

Ensuring that Alexandria's criminal justice agencies are equipped with a reliable data backup and storage system that meets the Code of Virginia requirements is critical to the integrity of their data and daily operations.

Operating Budget Impact:

The Circuit Court Judges Chambers will need to budget for the annual cost of electronic storage media.

Change In Project From Prior Fiscal Year:

To reduce the operating budget impact of this project, ITS will be purchasing a disk based system that the Courthouse can utilize to backup their data. There are no changes in this project from the prior fiscal year.

# FY 2010-FY2015 IT PLAN

## WIDE AREA NETWORK (WAN) DEVELOPMENT

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
<b>Institutional Network Development</b>								
Expenditure Totals	0	375,000	375,000	375,000	450,000	450,000	450,000	2,475,000
Less Revenues	0	-375,000	-375,000	-375,000	-450,000	-450,000	-450,000	-2,475,000
Net City Cost	0	0	0	0	0	0	0	0
<b>Voice Over IP Telephony</b>								
Expenditure Totals	0	350,000	150,000	75,000	75,000	75,000	75,000	800,000
Less Revenues		-350,000	-150,000	-75,000	-75,000	-75,000	-75,000	-800,000
Net City Cost		0	0	0	0	0	0	0
<b>City Network Security</b>								
Expenditure Totals	235,000	150,000	50,000	50,000	50,000	50,000	50,000	635,000
Less Revenues	-115,000	-150,000	0	0	0	0	0	-265,000
Net City Cost	120,000	0	50,000	50,000	50,000	50,000	50,000	370,000
<b>Application Deployment Management</b>								
Funded	78,000	0	0	25,000	7,500	7,500	7,500	125,500
Unfunded	0	0	25,000	0	0	0	0	25,000
Net City Cost	78,000	0	0	25,000	7,500	7,500	7,500	125,500
Database Infrastructure	93,000	0	0	40,000	40,000	40,000	40,000	253,000
<b>Total, Net City Cost</b>	<b>291,000</b>	<b>0</b>	<b>50,000</b>	<b>115,000</b>	<b>97,500</b>	<b>97,500</b>	<b>97,500</b>	<b>748,500</b>

### Institutional Network (I-Net) Development

(015-015-2-1) Priority: Essential

This project enables the City to deliver scalable data, audio and video communications as required to the ACPS, the libraries and the City government.

In FY 2005 the City contracted with a private firm to upgrade all of the I-Net switches from ATM to Ethernet courseware (which is the next generation of this technology) to improve throughput and to increase the longevity of the I-Net. This upgrade was completed for the Schools in June 2006, and was completed for the City in November 2007.

Funding for this project is provided by Comcast Cable Communications capital grant monies required to be provided under the City's cable franchise agreement with Comcast. This sustains the continued activation of the fiber optic network called the City's Institutional Network (I-Net). Other IT Plan projects that are part of the City's I-Net infrastructure and are supported through Comcast revenues are shown in the following table.

## FY 2010-FY2015 IT PLAN

PROJECT	FY 2010 COMCAST REVENUES
I-Net Development	\$375,000
Voice Over IP Technology	\$350,000
City Network Security	\$150,000
Network Infrastructure Hardware	\$110,000
TOTAL	\$985,000

### Project Benefit:

This project has enhanced productivity by providing direct high-speed connectivity among City government offices and by allowing several City schools (ACPS) to have video services to connect classrooms.

### Operating Budget Impact:

I-Net maintenance costs vary depending on whether the site is a primary site (connected directly to an I-Net fiber ring) or a secondary site that is connected downstream from a primary site. This is because the downstream sites have less equipment to maintain. Assuming maintenance, repair and engineering, the cost estimate for a primary site is \$3,500/yr. and for a secondary site is \$2,500/yr.

### Change In Project From Prior Fiscal Years:

There is no change in City funding for this project from the prior fiscal year.

### **Voice Over IP Telephony**

(015-015-2-2) Priority: Essential

This project funds the City's telephone and telecommunications infrastructure, including telephone switches and handsets. The City is deploying a VOIP (Voice Over Internet Protocol) telephony solution that will leverage industry standard technology to provide high quality service to City employees and citizens of Alexandria through a fully integrated system.

VOIP technology is a digital phone service that allows voice and data traffic to be converged on a single network. Alexandria is implementing a hybrid VOIP solution, which is a mix of IP and digital phones networked in a common voice architecture. Digital phones with their more robust signal are used in place of IP phones in locations where degraded infrastructure will not provide the quality of services necessary for IP telephony. The resulting hybrid service is virtually transparent to the user because all phones have full VOIP functionality.

The City began implementing VOIP in FY 2009. As of December 2008, the following City departments have been upgraded to voice over IP telephony: Alexandria Criminal Justice Services, Alcohol Safety Action Program, General Services, Housing, Office of Human Rights, Information Technology Services, Office on Women, Public Defender, Risk Management, Office of the Sheriff. In addition, the Alexandria Convention and Visitors Association and the Parking Adjudication offices located in the Tavern Square complex were converted to digital telephony. This represents over 500 phones, or approximately 20 percent of the anticipated total.

### Project Benefit:

VOIP will dramatically improve the overall quality of the City's telephone system. Citizens and City employees will benefit from enhanced system functionality. Once it is implemented City-wide, VOIP will provide the capability for the City to have a centralized voice mail system, with a wide range of advanced calling features available throughout the network. The system provides centralized call accounting and tracking features that will enable the City to be more responsive to citizen needs during high demand cycles such as tax collections.

### Operating Budget Impact:

VOIP will reduce the amount of leased services the City purchases from Verizon. However, the City must now budget for maintenance agreements on the required VOIP hardware. This is anticipated to cost approximately \$300,000 in FY 2010, and includes some managed services from the vendor.

### Change In Project From Prior Fiscal Years:

Funds in the amount of \$350,000 are included in FY 2010 to continue the VOIP rollout.

### **City Network Security**

(015-015-2-3) Priority: Essential

This project encompasses functions related to assuring security of data on City computers, servers, networking equipment, and wireless and telephone switching equipment. The goal of this project is to minimize the risk of unauthorized access, intentional or accidental loss or destruction of City data.

This project provides the funding to implement the required infrastructure to enhance the City's security posture. New initiatives that will be implemented with the funding over the next fiscal year include a log consolidation project, a password management system, a network access control solution and a redundant firewall.

Currently, the City has logs and events that are periodically reviewed by the administrator. The City must have an automated solution that provides faster alert and response time on security incidents as well as system failures. The City is seeking a central log management system that collects the raw logs of many devices, correlates them, and alerts City staff if any incident is occurring.

With new complexities built into the new password scheme, the City needs a solution that provides the required protection for City information while at the same time not hinder productivity by making it easy for users to log in and not have to memorize four or five different complex passwords. The 'single sign on' solution or password management system will allow all City employees to memorize only one password or authentication key.

The City must have a network access control (NAC) system to manage access to the City's network. At present network engineers do not have the ability to easily monitor and control network usage or actively make sure no malware is introduced into the City's network by authorized users. Implementing a NAC will also help the City insure that sensitive information is not inadvertently released.

### Project Benefit:

The central log system reduces costs and gains efficiencies by eliminating the need for system operators to log in and check the logs manually. It also alerts the operators immediately upon detection of an incident, eliminating the time



needed to do a root cause search. It also helps reduce critical business downtime caused by security incidents or hardware failures.

The password management system will reduce the number of service calls to the helpdesk. Users will be able to reset their own passwords if they forget them. It will also improve efficiency by allowing users to only remember one password instead of many different ones.

### Operating Budget Impact:

With each of these new security systems, there will be recurring maintenance and upgrade costs. The estimated operating budget impact for all of these new initiatives is approximately twenty to thirty percent of the cost for the hardware/software solution.

### Change in Project From Prior Fiscal Year:

This project is funded in the amount of \$150,000 in FY 2010.

### **Application Deployment Management**

(015-015-2-4) Priority: Desirable

The City has a number of application systems employing client/server technology. Client services can also be delivered through a web browser using a class of software called terminal servers, of which Citrix Metaframe and Microsoft Terminal Services are the leading products in this class. By using this technology, City employees can have access to the full range of their applications through the Internet on a daily basis. This project also plays an important role in supporting the City's remote access initiatives:

- *Mobile Workforce* — Provides the ability for City field workers to efficiently access City applications and network resources from mobile job sites despite very slow network connections.
- *Application Deployment* — Deploy complex and expensive applications with heavy client configurations, manage and update software without needing to access each user's workstation.
- *Virtual Workforce* — Provides the ability for City employees to work from locations other than their desktop. This supports the City's telecommuting initiatives by enabling staff to access applications remotely. ITS network engineers are able to provide remote after-hours support to the enterprise through Citrix connections. Engineers can conduct server management operations without travel time to the City's Data Center improving response time and City staff access to data services.
- *Business Continuity* — Provides for rapid data availability to City department and agencies during planned or emergency events where normal work locations are inaccessible. The combination of Citrix and Wyse terminals (thin client) provide multiple users their normal work location desktop functionality with minimum setup and configuration.

### Project Benefit:

This project provides remote network and application access during contingencies. It reduces software administration costs by reducing the number of hours required to install, upgrade and maintain software applications on individual PC's.



## FY 2010-FY2015 IT PLAN

The City's Citrix server farm capacity has been increased with additional servers providing load balancing and dedicated resources for key City staff. The servers were upgraded to Presentation Server 4.5, which provided for Vista desktops, automatic reconnections, local drive access and local printer access. These enhancements have expanded the use of Citrix by employees who need to access to City applications from locations that are not on the City's Institutional Network such as the City Marina, Fort Ward, City Libraries and the Apothecary Shop. Other non-traditional uses are also emerging. For example, General Services' after-hours engineers are now able to remotely check HVAC settings at certain City sites using Citrix. In FY 2009 and FY 2010, the server farm will be further expanded to provide remote access for telecommuters, Code Enforcement mobile computer users, and for Health Department staff who do not have City network access.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$7,500 per year.

### Change In Project From Prior Fiscal Years:

This project has sufficient prior year funds available, so no additional funding has been provided in FY 2010. Funds in the amount of \$25,000 were requested but not funded in FY 2011 for this project.

### **Database Infrastructure Development**

(015-015-2-5) Priority: Very Desirable

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 and tools.

Current initiatives under this project include upgrading the City's enterprise database engines from MS SQL Server 2000 to SQL Server 2005; installing and upgrading the Business Objects Crystal Reports 11 database reporting tool; and consulting initiatives in support of Domino database migrations to SQL Server 2005.

### Project Benefit:

Nearly all of the City's major software applications utilize databases as their data stores and are served by this project. Keeping the database infrastructure up to date preserves optimum application performance and scalability, ensures the City's software applications remain supportable, supports interoperability between the databases and the latest Operating System Software and Server Hardware, and allows City staff to use new and improved database features.

### Operating Budget Impact:

The estimated operating budget impact for this project is \$5,000 per year.

### Change In Project From Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

# FY 2010-FY2015 IT PLAN

## ENTERPRISE SERVICES

	Prior Year							Totals
	Unallocated	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
E-mail Services	175,000	175,000	175,000	200,000	200,000	200,000	200,000	1,325,000
Desktop Productivity Environment	50,000	0	0	50,000	50,000	50,000	50,000	250,000
<b>Total, Net City Cost</b>	<b>225,000</b>	<b>175,000</b>	<b>175,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,575,000</b>

### E-mail Systems Development

(015-016-1)      Priority: Very Desirable

This project provides funds to improve and evolve the City's electronic mail (e-mail) services. The City currently uses IBM's Lotus Notes as the software package to provide e-mail services for City employees. Lotus Domino is used to provide servers with a multi-platform foundation for collaboration and e-business, as well as supporting the Notes e-mail infrastructure.

Access to e-mail is also provided by Blackberry handheld devices. This mobile access is essential for keeping designated employees connected to City e-mail services. Currently, there are about 200 devices in use by City staff.

iNotes is another way City employees can remotely access their City e-mail. iNotes is a web-based browser-accessible e-mail application that provides access to the City's email. iNotes is available to all City staff, providing them the ability to access City e-mail securely from any Internet connection.

Lotus Notes application support and maintenance is critical for normal operation of the e-mail system. A managed anti-spam solution called Brightmail has been implemented. Although there is no new development of Notes applications, there are still approximately 45 Notes databases that are considered mission critical by their respective departments. These databases require high availability: Docket Storage and Retrieval, and the Planning Commission Docket System which contain the largest data storage and are available to the public, a data portal specific to the Fire Department, which contains operational data for the Fire Department as well as access to e-mail; and an emergency management database containing "push down data technology" to Blackberry devices daily or on demand. This support is currently being provided through contracted services.

As the use of e-mail and related services is expanded throughout the City, consulting services for administration and development will be required. Additionally, as unsolicited email becomes more sophisticated, the City's filtering architecture will need further improvements and upgrades.

#### Project Benefit:

This project provides funds to capitalize on emerging technologies for implement e-mail initiatives that improve access to essential information by enhancing speed and reliability of requested services.

#### Operating Budget Impact:

The estimated operating budget impact for this project is \$60,000 per year.

### Change in Project from Prior Fiscal Years:

The current version of Lotus Notes email has reached end of life with IBM. ITS will be performing a major upgrade of the systems to Lotus Notes R8. The result will be a new e-mail experience for every Notes user in the City. ITS and the Fire Department will also be piloting a Notes compatible collaborative tool called Quickr to enhance communications capabilities.

The implementation of the Disaster Recovery Project will consolidate e-mail servers while creating redundant capacity. Fail-over can cascade from the primary site to a warm site within the City and if necessary, to a hot site outside the Beltway.

E-Mail archiving and journaling will begin implementation in FY 2009. Symantec Enterprise Vault will reduce storage requirements by shortcutting messages and thru the use of message pointers with one copy of messages, eliminate the use of mail archives locally or on servers. This product will provide a single centralized repository for all e-mail allowing full text search capabilities across all e-mail databases. This new capability will benefit the City in complying with e-discovery requirements and FOIA (Freedom of Information Act) requests.

### **Desktop Productivity Environment**

(015-015-3-3) Priority: Desirable

In FY 2007, the City converted its desktop productivity software standard from Corel Suite 9 to Microsoft Office (Word, Excel, PowerPoint). The initial Microsoft migration funding accounted for the installation of Microsoft Office on computers with only Corel Suite 9 loaded. In FY 2007, the City installed over 1,000 licenses of Microsoft Office 2003 to replace its outdated Corel WordPerfect Office suite. A version of Microsoft Office is now installed on every primary desktop computer. After a reconciliation of licenses owned by the City, the City has an estimated 700 licenses predating Office version 2003. These 700 licenses will eventually need to be upgraded to align with Microsoft's product support schedule. Microsoft's mainstream support for Office 2000 ended on June 30, 2004. The Office 2000 extended support period will last from July 1, 2004 through July 14, 2009. Microsoft ended mainstream support for Office XP on July 11, 2006. The extended support period for Office XP will last from July 12, 2006 through July 12, 2011. In order to maintain a viable desktop productivity environment, the City must budget for software upgrades to ensure all Microsoft Office suites are upgraded before the end of their extended support periods.

### Project Benefit:

The purchase of the most recent MS Office license will ensure the City is not utilizing software beyond its extended support lifecycle. It will help ensure the desktop environment is prepared to meet the demand of new technologies.

### Operating Budget Impact:

This project would help ensure departments have a viable Microsoft Office product installed; therefore there would be limited operating budget impact.

### Change in Project From Prior Fiscal Year:

Requested funding in the amount of \$50,000 in FY 2010 was not provided due to fiscal constraints.

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# 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, 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.

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 designation 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.

Unreserved General Fund Balance as a Percentage of General Fund Revenue  
Target = Not applicable; Limit = 10 percent

Undesignated General Fund Balance as a Percentage of General Fund Revenue  
Target = 5.5 percent; Limit = 4.0 percent

Unrestricted 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 Unreserved General Fund Balance represents the funds legally available to the City. It is desirable that the City maintain Unreserved 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 Undesignated General Fund Balance corresponds to the checkbook balance of the City. Both balances are important to consider. The unreserved balance includes designations that the City Council has made but presumably could change. Net assets correspond to stockholders' equity for publicly traded companies. The larger the undesignated General Fund Balance or unrestricted net assets, the greater the City's ability to cope with financial emergencies and fluctuations in revenue cycles.

The ratios for undesignated general fund balance and unrestricted 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 a designation 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.

The City will annually prepare a six-year capital improvement program. In accordance with the City Charter and in order to meet the debt ratio targets, to schedule debt issuance, and to systematically improve the capital structure, each year the City will prepare and adopt a six-year capital improvement program. This capital improvement program will identify the source of funding for all capital projects. The debt issuances that are a part of the capital improvement program will be structured to meet the City's debt policies and debt ratio targets.

The City Manager will prepare each year and submit a set of six-year scenarios of possible future revenues and expenditures that match the six 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 six-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.

## Legislative References

In accordance with the Government Finance Officers Association budget review requirements, this table, taken from the City's FY 2008 Comprehensive Annual Financial Report, is repeated here:

City of Alexandria, Virginia  
Computation of Legal Debt Margin  
as of June 30, 2008

Assessed Value of Real property, January 1, 2008.....	<u>\$35,554,958,000</u>
Debt Limit: 10 Percent of Assessed Value.....	3,555,495,800
Amount of Debt Applicable to Debt Limit:	
General Obligation Bonds .....	<u>\$260,350,000</u>
 Total General Obligation Debt.....	 <u>(260,350,000)</u>
 LEGAL DEBT MARGIN.....	 <u>\$3,295,145,800</u>

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 2010 - FY 2015 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.”



## Legislative References

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# APPENDICES

# Appendices

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# Appendices

## Existing Projects Deleted in the FY 2010 to FY 2015 CIP

Several projects that were listed in previous Capital Improvement Plans no longer appear in the FY 2010 – FY 2015 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

- Street Cans
- Mt Vernon Avenue Improvements
- Route 1 Beautification
- Charles Houston Rec Center Undergrounding

### Recreation, Parks and Open Space

- Charles Houston Rec Center Undergrounding
- Lee Center
- Needs Assessment
- Boothe Court
- Drainage Improvements

### Public Buildings

- Friendship Firehouse (rolled into OHA CFMP)
- Gadsby's Tavern (rolled into OHA CFMP)
- Lyceum (rolled into OHA CFMP)
- Stabler-Leadbetter Apothecary Museum (rolled into OHA CFMP)
- Fort Ward Historic Area (rolled into OHA CFMP)
- Detention Center
- Courthouse Garage

### Public Transportation & Traffic

- NVTA Funded Transportation Projects
- Traffic Control Computer

### Streets, Bridges, and Pedestrian Improvements

- Potomac Yard Road & Bridge Improvements (rolled into King St Metro Improvements)
- King Street Metro North Entrance (rolled into King St Metro Improvements)
- King Street Metro Platform Extension (rolled into King St Metro Improvements)
- King Street Metro Station Sidewalks (rolled into King St Metro Improvements)
- Union Station Pedestrian Improvements (rolled into King St Metro Improvements)
- Duke Street Flyover
- Mt Vernon Ave Public Alley
- Old Town Undergrounding
- Street Lighting

### Sewers

- Royal Street Relief Sewer
- Sewer Map Update

# Appendices

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