
City of Alexandria
FY 2009 - FY 2014
CAPITAL IMPROVEMENT
PROGRAM

(Incorporating the Information Technology Plan)

ALEXANDRIA CITY COUNCIL

William D. Euille, Mayor

Redella S. Pepper, Vice Mayor

Ludwig P. Gaines

Timothy B. Lovain

Rob Krupicka

Paul C. Smedberg

Justin M. Wilson

CITY MANAGER

James K. Hartmann

Michele Evans, Deputy City Manager

Mark B. Jinks, Deputy City Manager

Laura Triggs, Director of Finance

Cindy Smith-Page, ASA, Director of Real Estate Assessments

Prepared by the Office of Management and Budget

Bruce Johnson, Director

Morgan E. Routt, Program Management Coordinator

Kendel E. Taylor, Financial Management Coordinator

Paul R. Doku, Budget/Management Analyst

Eric Eisinger, Budget/Management Analyst

Sandy M. Murphy, Budget/Management Analyst

Valerie Salerno, Budget/Management Analyst

Michael S. Stewart, Budget/Management Analyst

Elisabeth L. Wheel, Budget/Management Analyst

Dawn M. Webster, Administrative Officer

OMB staff wish to acknowledge the General Services staff in the Mail Services Division and the City's ITS Electronic Publishing staff for their assistance in the preparation of this budget document.

Maps: Department of Planning and Zoning

GFOA AWARD

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the City of Alexandria, Virginia for its annual budget for the fiscal year beginning July 1, 2007.

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

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

Table of Contents

<p>I. Table of Contents..... 1-1</p> <p>II. Overview</p> <p style="padding-left: 20px;">The CIP Process 2-5</p> <p style="padding-left: 20px;">Capital Budget Highlights 2-11</p> <p style="padding-left: 20px;">Six-Year Program Highlights 2-15</p> <p style="padding-left: 20px;">Projects Not Funded 2-20</p> <p style="padding-left: 20px;">Capital Funding Summary 2-22</p> <p style="padding-left: 20px;">Estimated Operating Impacts of the CIP 2-25</p> <p style="padding-left: 20px;">Best Management Practices..... 2-29</p> <p>III. Strategic Plan</p> <p style="padding-left: 20px;">City Council Strategic Plan 3-1</p> <p>IV. Summary Expenditure Tables</p> <p style="padding-left: 20px;">Summary Tables 4-1</p> <p>V. Summary Funding Tables</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>VI. Capital Project Detail Sheet</p> <p style="padding-left: 20px;">Format Description 6-1</p> <p style="padding-left: 40px;">A. <u>ACPS</u> 6-3</p> <p style="padding-left: 40px;">B. <u>Community Development</u></p> <p style="padding-left: 60px;">City-wide Amenities 6-12</p> <p style="padding-left: 60px;">Neighborhood Planning 6-15</p> <p style="padding-left: 60px;">Potomac Waterfront Improvements..... 6-18</p> <p style="padding-left: 60px;">Stream & Channel Maintenance 6-20</p> <p style="padding-left: 60px;">Woodrow Wilson Bridge Project 6-25</p> <p style="padding-left: 40px;">C. <u>Recreation and Parks</u></p> <p style="padding-left: 60px;">Renovated or Expanded Facilities..... 6-30</p> <p style="padding-left: 60px;">Recreation Facilities Improvements..... 6-34</p> <p style="padding-left: 60px;">Open Space Acquisition & Development 6-37</p> <p style="padding-left: 60px;">Park Improvements..... 6-38</p>	<p>D. <u>Public Buildings</u></p> <p style="padding-left: 20px;">Libraries 6-54</p> <p style="padding-left: 20px;">Preservation of Historic Facilities..... 6-55</p> <p style="padding-left: 20px;">Public Safety Facilities 6-59</p> <p style="padding-left: 20px;">Public Health & Welfare Facilities 6-71</p> <p style="padding-left: 20px;">Renovation and Reconstruction of Existing City Facilities6-73</p> <p>E. <u>Public Transportation & Traffic Control</u></p> <p style="padding-left: 20px;">Public Transportation 6-84</p> <p style="padding-left: 20px;">Traffic Signal Maintenance & Traffic Control Computer 6-91</p> <p>F. <u>Streets, Bridges, and Pedestrian Improvements</u></p> <p style="padding-left: 20px;">Bridge Repairs & Maintenance..... 6-98</p> <p style="padding-left: 20px;">Pedestrian Improvements 6-101</p> <p style="padding-left: 20px;">Street Improvements 6-105</p> <p>G. <u>Sewers</u></p> <p style="padding-left: 20px;">Sanitary Sewers 6-122</p> <p style="padding-left: 20px;">Storm Sewers 6-131</p> <p>H. <u>Other Regional Contributions</u></p> <p style="padding-left: 20px;">Northern Virginia Community College..... 6-140</p> <p style="padding-left: 20px;">Northern Virginia Regional Park Authority 6-141</p> <p style="padding-left: 20px;">Northern Virginia Juvenile Detention Home..... 6-142</p> <p style="padding-left: 20px;">Peumansend Regional Jail 6-143</p> <p>VII. <u>Information Technology Plan</u></p> <p style="padding-left: 20px;">Changes to the IT Plan from the Prior Year 7-3</p> <p style="padding-left: 20px;">New Projects for FY 2009 – FY 2014 7-4</p> <p style="padding-left: 20px;">Existing Projects Highlights 7-4</p> <p style="padding-left: 20px;">Projects Which Have Been Closed..... 7-5</p> <p style="padding-left: 20px;">Summary Totals 7-11</p> <p style="padding-left: 20px;">Operating Budget Impacts..... 7-15</p> <p style="padding-left: 20px;">Systems Development Projects..... 7-19</p> <p>VIII. <u>Legislative References</u></p> <p style="padding-left: 20px;">Legislative References 8-1</p> <p>IX. <u>Appendices</u></p> <p style="padding-left: 20px;">Map of Approved CIP Projects 9-3</p> <p style="padding-left: 20px;">CIP Projects Not Funded..... 9-4</p>
--	---

FY 2009 – FY 2014
Capital Improvement Program
Overview

PAGE INTENTIONALLY LEFT BLANK

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 2009) 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.

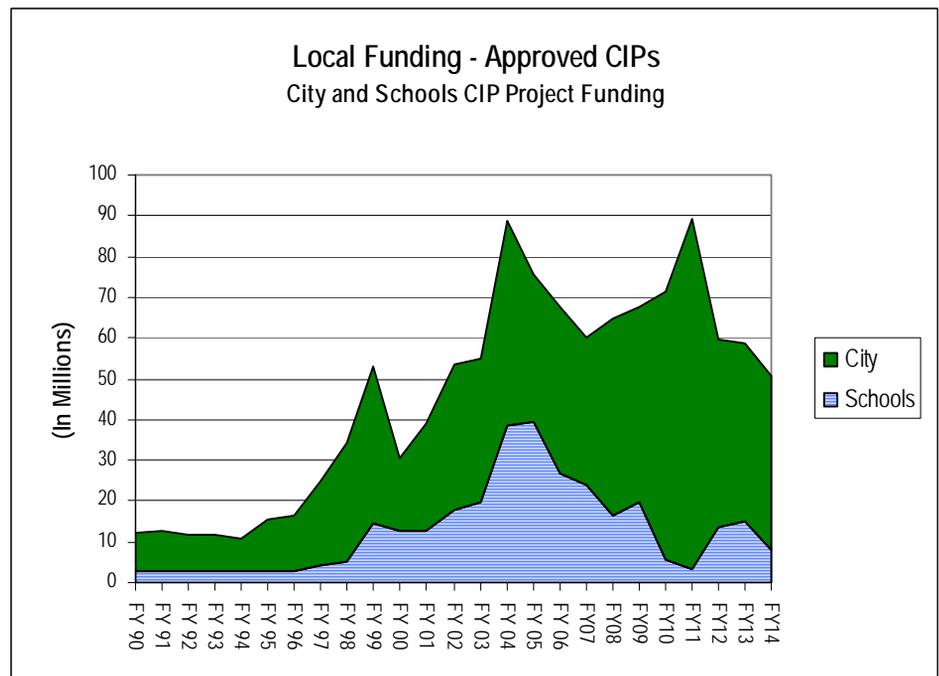
The City defines a capital project expenditure (as opposed to an operating expenditure) as an expenditure of more than \$10,000 that acquires, expands, repairs, or rehabilitates a physical asset with a useful life of at least three years. It does not include day-to-day maintenance expenditures such as 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 2009 – FY 2014 Capital Improvement Program Overview

The City Council Approved FY 2009-FY 2014 Capital Improvement Program totals \$396.9 million in local funding and \$456.1 million in total funding. This represents an increase of 2.0 percent in local funding and an increase of 1.4 percent in all sources of funding.

FY 2009 Approved vs. FY 2008 Approved				
			Change	
	FY 2008 Approved	FY 2009 Approved	\$	%
All Funds	449.7	456.1	\$6.4	1.4%
City Share	389.1	396.9	\$7.8	2.0%

The chart below shows the portion of local CIP funding dedicated to Schools capital projects versus City capital projects from FY 1990 – FY 2014



Process to Develop CIP for FY 2009 – FY 2014

The FY 2008 – FY 2013 CIP included \$85.3 million in to-be-determined funding sources.

The FY 2008 – FY 2013 Approved CIP included \$85.3 million in “funding to be determined”, representing funding shortfalls of \$44.9 million in FY 2009 and \$40.4 million in FY 2010.

To address this shortfall, the City Manager proposed two fall worksessions with City Council to examine various issues related to the CIP, including:

- Current CIP planning and management practices;
- CIP cash capital and debt service capacity and its impact on the long-range operating budget;
- Debt policy guidelines;
- Prioritization methods; and
- Best management practices in capital project management

In September 2007, City Council held two worksessions to address the anticipated CIP shortfalls in FY 2009 and FY 2010.

On September 18-19, 2007, staff proposed several options to address the shortfall, including:

- Prioritization of current CIP projects;
- Restructuring of the FY 2008 bond issuance;
- Implementation of the storm water utility fee for FY 2010;
- Increasing cash capital;
- Issuing more debt; and
- Maximizing other sources of CIP funding.

As a result of these worksessions, City staff revised project schedules and cost estimates to reflect both operational realities and funding constraints. In addition, staff has prioritized CIP projects so that only \$4.5 million in reductions to the FY 2009 CIP were necessary. Procedures for managing major capital projects are being revised to incorporate a phased review process that will more clearly identify potential costs and benefits and allow City staff to better control and manage these projects over their lifetime. City staff also examined debt capacity and plans for issuing debt to more fairly allocate the long term benefits of many capital projects to future taxpayers.

Significant CIP shortfalls remain, primarily in FY 2010 and FY 2011.

Despite these efforts, there is still insufficient funding to meet all the needs in FY 2009 – FY 2014. In part, this was caused by rising construction prices for items such as steel and concrete, which offset savings from the above described initiatives. In addition to the \$4.5 million shortfall in FY 2009, a shortfall of \$30.7 million in FY 2010, \$22.3 million in FY 2011, \$1.2 million in FY 2012 and FY 2013, and \$1.3 million in FY 2014 remain. The impact on the operating budget of approving \$61.3 million more in additional cash capital or bond issuance to meet those shortfalls would be more than existing or projected revenues at current tax rates could finance.

FY 2009 – FY 2014 Capital Improvement Program Overview

The specific plan and priorities for the FY 2009 - FY 2014 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 Steering Committee reviewed and prioritized over 160 new and revised projects.

The CIP Review Committee assessed over 160 new and revised project requests for the FY 2009 - FY 2014 Capital Improvement Program. Various revisions were made to the project schedules and cost estimates to reflect both operational realities and funding constraints. Projects were then categorized into the following categories:

- Recurring Repair, Refurbishment, Rehabilitation, Renovation, and Reconstruction (Recurring Infrastructure 5R);
- Major Infrastructure Reconstruction Work;
- On-going Improvement Programs; and
- New Projects

CIP projects were first prioritized into one of four categories.

The matrix below illustrates the criteria used in categorizing each project and provides examples of each type of project.

	Annual or Cyclical Project Timelines	Finite Project Timelines
Existing Facilities or Infrastructure	Recurring Infrastructure R5 (i.e. Fire Station CFMP)	Major "Infrastructure Reconstruction" Work (i.e. Warwick Pool)
Expanded Facilities or Infrastructure	On-Going Improvement Program (i.e. ADA Improvements)	New Projects (i.e. New Fire Station - Eisenhower Valley)

Projects were then ranked into three Tiers or separately evaluated by the City Manager.

In addition, the Committee ranked the projects into three prioritization tiers. These tiers corresponded with the ratings below (essential, very desirable, or desirable). In some cases, projects were divided into parts that were separately ranked.

Essential (Tier 1):

- Previously committed and/or ongoing;
- Addresses issues of health or safety of citizens;
- Addresses issues of legal responsibility by the City;
- Avoids even greater future costs;
- Requested or required by the City Council;
- Result of City-wide citizen input; and
- State or federal funds can be used with minimal match from the City.

Very Desirable (Tier 2):

- Previously committed but not essential to continue;
- Addresses quality of life issues such as space or beautification;
- A new addition to an ongoing project;
- May be income producing;
- A neighborhood or interest-group priority; and
- State or federal funds available but requires a substantial City match.

Desirable (Tier 3):

- Addresses any of the above issues but is not an immediate priority;
- Cost of the project is too high to justify; and
- Requires a major maintenance effort once complete.

The City Manager ranked certain baseline projects outside of the "Tier" process as mandatory or as projects of City-wide impact requiring funding.

The list below provides examples of "baseline" projects. These include:

- New Police Facility
- All-City Sports Facility
- Sanitary Sewer projects
- New Fire Station 210 (Eisenhower Valley)
- Dash Bus Replacement
- Regional contributions

FY 2009 – FY 2014 Capital Improvement Program Overview

The CIP Steering Committee ranked project categories and prioritization tiers.

Project categories and tiers were then ranked in the following order:

- Baseline Projects approved for funding by CMO
- Recurring 5R Work – Tier I
- Information Technology Projects – Tier I
- Major Infrastructure Reconstruction Work – Tier I
- On-going Improvement Programs – Tier I
- Recurring 5R Work – Tier II
- New Projects – Tier I
- Information Technology Projects – Tier II
- Major Infrastructure Reconstruction Work – Tier II
- On-going Improvement Programs – Tier II
- Required 5R Work – Tier III
- New Projects – Tier II
- Major Infrastructure Reconstruction Work – Tier III
- On-going Improvement Programs – Tier III
- New Projects – Tier III
- Information Technology Projects – Tier III

In general, priority was given to CIP projects focusing on maintaining existing infrastructure and facilities. With the exception of FY 2010, all recurring infrastructure projects were funded, while new projects were given lower priority. The table below shows which categories and prioritization tiers were funded for each of the fiscal years.

Category	FY 2009	FY 2010	FY 2011	FY 2012- FY 2014
Recurring Infrastructure (5R)				
Tier I	Funded	Funded	Funded	Funded
Tier II	Funded	Funded	Funded	Funded
Tier III	Funded	Not Funded	Funded	Funded
Major Infra. Reconstruction				
Tier I	Funded	Funded	Not Funded	Funded
Tier II	Funded	Not Funded	Not Funded	Funded
Tier III	Not Funded	Not Funded	Not Funded	Funded
On-going Improvement				
Tier I	Funded	Funded	Not Funded	Funded
Tier II	Funded	Not Funded	Not Funded	Funded
Tier III	Not Funded	Not Funded	Not Funded	Funded
New Projects				
Tier I	Funded	Not Funded	Not Funded	Funded
Tier II	Not Funded	Not Funded	Not Funded	Funded
Tier III	Not Funded	Not Funded	Not Funded	Funded

Based on the results of the CIP Steering Committee prioritization process, recommendations were developed and meetings were held with the City Manager so that he could review, adjust, and then finalize the CIP project recommendations.

The FY 2009 – FY 2014 CIP was proposed to City Council on February 12, 2008. City Council subsequently held a budget worksession to discuss various issues relating to the capital budget and whether any modifications were necessary.

Shortly after this worksession, the City learned that a major source of revenue was no longer available. On February 29, 2008, the Virginia Supreme Court ruled against the levying of taxes and fees by the Northern Virginia Transportation Authority (NVTA). The combined impact of this decision on the Proposed Operating budget and the Capital Improvement Program totaled a loss of \$55.4 million from FY 2008 through FY 2014. This significantly affected the City's ability to fund vital transportation projects and initiatives.

To address this loss, the City Manager proposed several options. This proposal included the following alternatives:

- Forego transportation projects previously funded by NVTA;
- Reduce expenditures in the Proposed Operating Budget and CIP;
- Increase debt; and/or
- Raise taxes.

The loss of NVTA funding significantly impacted City's Council's budget decisions.

During the add/delete process, City Council adopted a combination of these proposed options, including both tax increases and expenditure reductions. The list below is a summary of Council actions.

Other CIP Expenditure Reductions:

- \$1.2 million for the Wayfinding Sign Program;
- \$0.3million for Eisenhower Avenue Widening City Match;
- \$0.3 million for capital development for the All-City sports facility;
- \$0.3 million for traffic calming initiatives;
- \$0.2 million for a contingency for Bus Purchases; and
- \$0.1 million for non public safety automated vehicle locator system.

Projects Funded by Bond Issuance Unless New State or Federal Funds are Made Available (Previously Funded by NVTA):

- \$8.5 million for the Potomac Yard/Crystal City Transit Corridor Bus Rapid Transit system.

Projects Funded with Other Funding Sources (Previously Funded by NVTA):

- \$0.8 million for Washington Street Paving;
- \$0.7 million for the City's grant match for the new DASH bus facility; and
- \$0.5 million for a funding contingent for studies and planning related to potentially constructing a new Metrorail station at Potomac Yard.

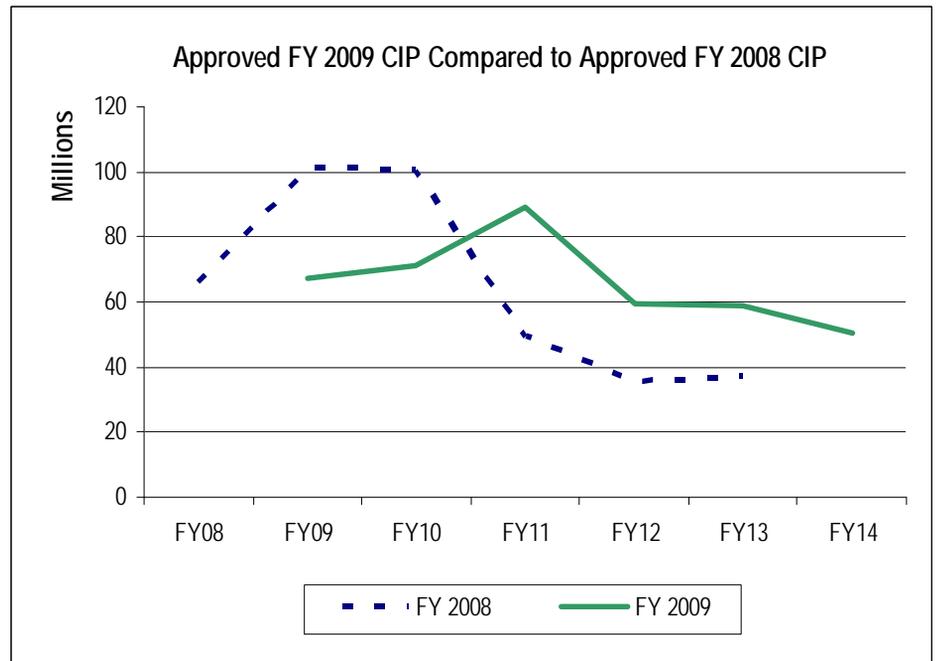
Transportation Projects Not Funded (Previously Funded by NVTA):

- \$6.9 million for DASH bus fleet expansion;
- \$2.0 million for Madison/Montgomery Street reconstruction;
- \$1.4 million for King Street Parking Lot Reconfiguration;
- \$0.8 million for King Street Paving; and
- \$0.6 million for the reconstruction of Edsall Road.

FY 2009 – FY 2014 Capital Improvement Program Overview

The result of the efforts of the CIP Review Committee, subsequent City Manager review and decision-making, and Council review and adoption is an approved six-year \$456.1 million total CIP, representing a 1.4 percent increase as compared to the Approved FY 2008-FY 2013 CIP of \$449.7 million. The chart below illustrates the difference in funding for the FY 2009 – FY 2014 Approved CIP compared to the FY 2008 – FY 2013 Approved CIP.

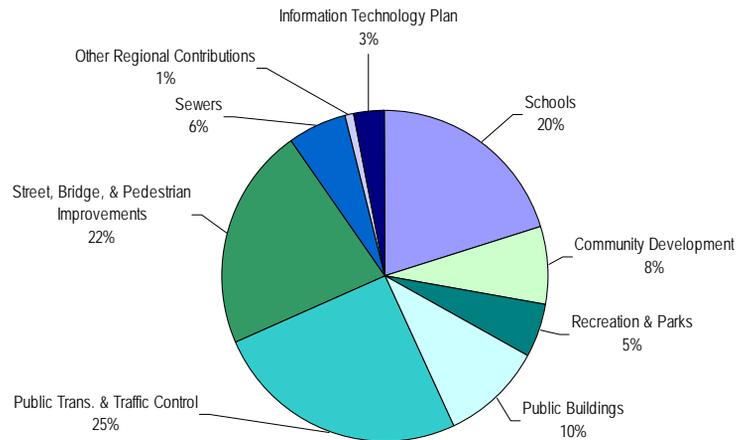
The realities of the City's financial situation, as well as the need to meet the budget guidelines established by City Council were critical to final decisions on recommended CIP projects.



The Approved FY 2009 capital budget includes \$98.3 million in total funding and \$67.6 million in local funding.

The total Approved CIP for FY 2009 is for \$98.3 million, which includes \$30.7 million in grants and other special revenues. The locally funded CIP is for \$67.6 million, a \$33.5 million (33.2%) decrease over what was previously planned for FY 2009 in last year's approved CIP.

FY 2009 All Funds Capital Budget By CIP Project Category
(\$98.3 million)



A summary of the FY 2009 major capital budget highlights follows:

Schools:

- \$19.9 million for Alexandria City Public Schools, including \$7.5 million for systems replacement and modernization at John Adams Elementary School.

Community Development:

- \$2.6 million for stream and channel maintenance.

Highlights of the FY 2009 Capital Budget

Recreation and Parks:

- \$2.04 million in additional funds for land acquisition (open space);
- \$1.0 million for other park improvements; and
- \$0.9 million for the installation of athletic fields.

Public Buildings:

- \$8.2 million for the renovation of public safety facilities, including \$3.0 million for the next phase of design work of the New Police Facility and \$3.0 million for the Public Safety Center Slab Replacement project;
- \$1.1 million for the renovation and reconstructions of other City facilities;
- \$0.5 million for the preservation of historic facilities; and
- \$78,750 for routine maintenance at the Mental Health residential facilities.

Public Transportation and Traffic Control:

- \$8.5 million for the Potomac Yard/Crystal City Transit Corridor Bus Rapid Transit system (preferentially funded if possible with to-be-identified state or regional transportation funds);
- \$8.1 million for the City's contribution to WMATA "Metro Matters" and likely "Beyond Metro Matters" CIP;
- \$2.7 million for the replacement of DASH buses. These costs are offset with State Urban funds;
- \$2.9 million for has been budgeted to fund the Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) transportation projects that were earmarked by the federal government for the City of Alexandria. These projects will be fully funded with federal revenues and are planned to be matched with revenues from the State earmarked for these City transportation projects; and
- \$0.5 million for a funding contingent for technical and financing studies and planning relating to potentially constructing a new Metrorail station at Potomac Yard.

Highlights of the FY 2009 Capital Budget

Street, Bridge, and Pedestrian Improvements:

- \$10.6 million for the widening of Eisenhower Avenue. These projects costs are funded by State Urban funds;
- \$5.2 million for improvements at the intersection of King and Beauregard Streets. These projects costs are funded by State Urban funds;
- \$1.8 million for the repaving of Washington Street. These costs are partially offset by the State revenue sharing program;
- \$1.0 million for bridge repairs City-wide; and
- \$0.6 million for traffic calming.

Sewers:

- \$4.6 million for sanitary sewer projects funded entirely with sanitary sewer system revenues, including \$0.7 million for infiltration and inflow remediation in the Holmes Run sewershed and \$1.0 million in the Taylor Run Sewer; and
- \$1.2 million for storm sewer projects.

Other Regional Contributions:

- \$0.35 million for the City's capital contribution to the Northern Virginia Regional Park Authority;
- \$146,502 for the City's annual capital contribution to Peamansend Creek Regional Jail; and
- \$132,343 for the City's capital contribution to the Northern Virginia Community College.

Information Technology:

- \$3.1 million for Information Technology Plan projects, including upgrades or replacement of software and hardware.

*The City Council Approved
FY 2009 – FY 2014 CIP includes
\$456.1 million in all sources of
funding and \$396.9 million in
local funding.*

The City Council Approved FY 2009-FY 2014 Capital Improvement Program totals \$456.1 million. This represents an increase of 1.4 percent increase in total funding.

The FY 2009 - FY 2014 Capital Improvement Program focuses on repairing, refurbishing, renovating, rehabilitating, and reconstructing existing physical assets. In addition, the approved CIP calls for new capital projects that will save future operating costs. The chart on page 2-19 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 \$65.3 million over six years (FY 2009 – FY 2014) has been approved in this CIP for the capital needs of the Alexandria City Public School System (ACPS) for Schools projects.

Community Development:

- A total of \$10.3 million over six years (FY 2009 – FY 2014) is planned for stream and channel maintenance. \$3.7 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.
- \$3.1 million over two years (FY 2013-FY2014) is planned for the next cycle of City Marina dredging, assuming typical rates of siltation.

Highlights of the FY 2009 – FY 2014 Capital Improvement Program

Recreation and Parks:

- Funding for open space land acquisition over six years of \$13.9 million reflects revenue estimated for FY 2009 given recently released 2008 real estate assessments and the estimated value of one percent of total revenue generated from real estate taxes. In the out-years, FY 2010 remains level, FY 2011 is increased by 3 percent, and FY 2012 - FY 2014 have been increased by an average of 6 percent per year based on estimated future year assessment increases. The actual amount will vary based upon actual assessments for each coming year.
- A total of \$20.2 million is planned to design and construct the expansion of the Chinguapin Recreation Center. The funding schedule, however, has been revised and is now 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.
- A total of \$4.7 million over two years (\$1.8 million in FY 2010 and \$2.9 million in FY 2011) for the discussed All-City Sports Complex. In addition, \$5.0 million might be funded by private fund raising, for the design and construction of an All-City sports complex. This Fall, City Council will be revisiting whether or not to proceed with this project.
- A total of \$4.3 million over six years (FY 2009 – FY 2014) is planned for the design and installation of artificial turf fields City-wide.

Public Buildings:

- \$76.1 million over four years (FY 2009-FY 2012) is planned for the construction of the new Police facility headquarters office on Wheeler Avenue. Total funding for this project has been increased by \$11.6 million to reflect increases in construction costs and summary programming results. This increase also includes \$4.0 million for furniture, fixtures, and equipment (FF&E) items that were not part of the original base construction budget. In addition, \$16.1 million for IT related equipment (including E-911 and Computer Aided Dispatch equipment) and installation at the new APD Facility has been now included as part of this project budget. Many of these IT costs would have to be funded independent of the need for a new Police facility.
- \$9.9 million over three years (FY 2012-FY 2014) is planned for the renovation and expansion of Fire Station 203 (Cameron Mills).
- \$9.3 million over three years (FY 2010-FY 2012) is planned for the constructions of a new fire station in Eisenhower Valley.

Highlights of the FY 2009 –FY 2014 Capital Improvement Program

Public Buildings (Continued):

- \$5.5 million over three years (FY 2009-FY 2011) is planned for the Public Safety Center Slab Replacement project.
- \$2.04 million over six years has been budgeted for the preservation of historic facilities to begin to address capital facility maintenance requirements at the City's historic buildings and sites managed by the Office of Historic Alexandria (OHA).
- \$2.8 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.
- \$1.0 million is planned over two years (FY 2011-FY 2012) for the potential development of a City office complex at the intersection of King and Beauregard Streets if the former Jefferson Hospital property is provided to the City.

Public Transportation and Traffic Control:

- \$45.7 million has been planned over six years (FY 2009-FY 2014) 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).
- \$16.1 million over six years (FY 2009-2014) has been planned for the replacement of DASH buses over this period. These buses will be primarily funded with State Urban Funds.

Street, Bridge, and Pedestrian Improvements:

- \$32.9 million is planned over six years (FY 2009 – FY 2014) for street improvements, including \$2.4 million for the reconstruction of Madison and Montgomery and Edsall Roads; \$2.9 million for traffic calming, and \$2.1 million for a multi-year redesign and reconstruction of the most deteriorated alleys City-wide as part of the Alley Rehabilitation Program.
- \$3.8 million is planned over six years (FY 2009 – FY 2014) for bridge repairs City-wide.

Highlights of the FY 2009 –FY 2014 Capital Improvement Program

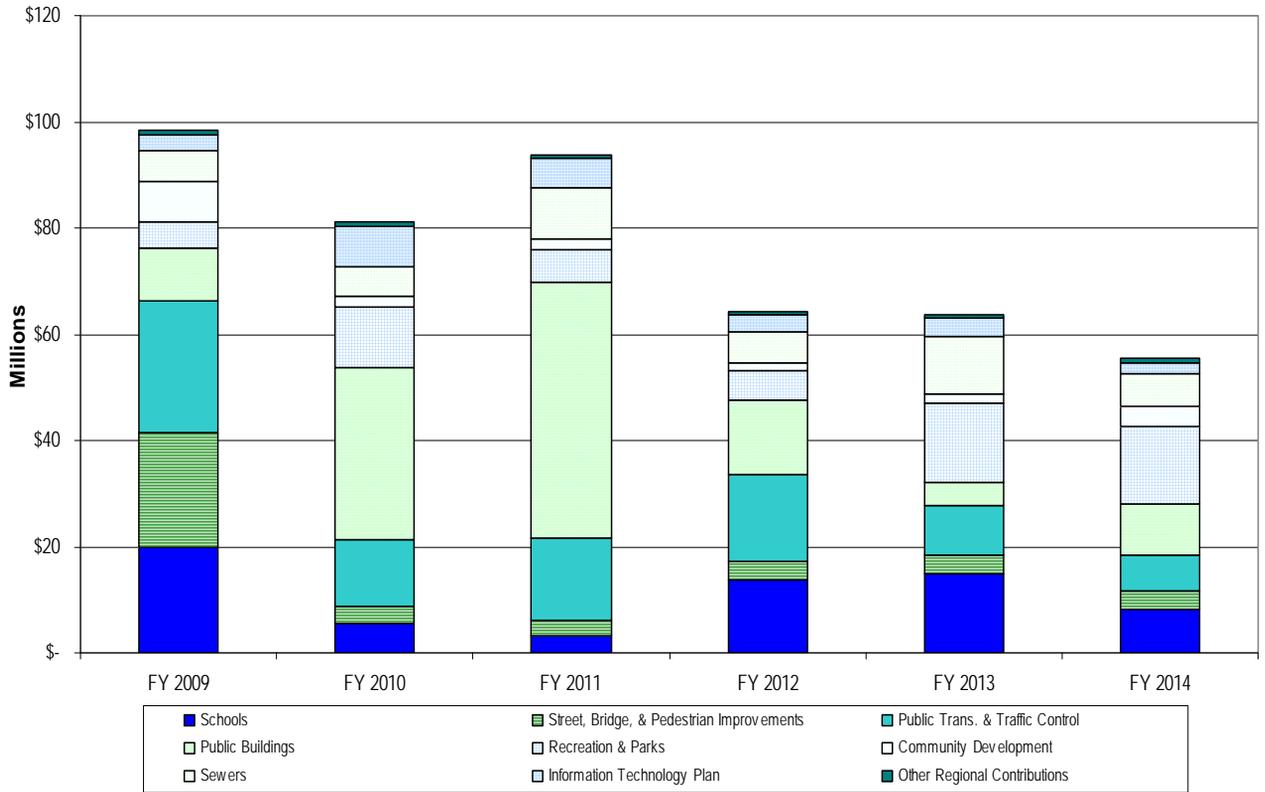
Sewers:

- A total of \$44.0 million over six years (FY 2009 - FY 2014) is planned for City-wide sanitary and storm sewer projects, including \$17.3 million for the Holmes Run Infiltration and Inflow project and \$3.1 million to address unforeseen conditions and cost increases in existing sanitary sewer projects and for sanitary sewer projects to be determined in the future. 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 Approved FY 2009-FY 2014 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 Approved FY 2009-FY 2014 Information Technology (IT) Plan component of the CIP is \$24.8 million, which represents an increase of \$2.0 million, or 8.8 percent, as compared to the FY 2008-FY 2013 approved six-year plan. The largest single new elements are \$3.65 million in FY 2010 to fund the replacement of public safety radios, and \$4.0 million in FY 2010 and FY 2011 to replace the existing financial management, human resource, and purchasing systems with a unified single information system.

CIP USES: FY 2009 - FY 2014



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 unfunded projects over three years, including:

- \$3.4 million in FY 2009;
- \$23.2 million in FY 2010; and
- \$20.6 million in FY 2011.

The loss of revenue from the Northern Virginia Transportation Authority (NVTA), as a result of the State supreme court decision striking down NVTA's taxing authority, resulted in an increase in unfunded projects in the Approved CIP. A total of \$61.3 million over three years remains unfunded due to CIP funding constraints. This includes:

- \$4.5 million in FY 2009;
- \$30.7 million in FY 2010;
- \$22.3 million in FY 2011;
- \$1.2 million in FY 2012;
- \$1.2 million in FY 2013; and
- \$1.3 million in FY 2014.

After actions taken by City Council during add/delete deliberation, the following projects remain unfunded at this time.

FY 2009

- \$1.2 million for the Wayfinding Sign Program;
- \$0.3 million for Eisenhower Avenue Widening City Match;
- \$0.3 million for capital development for the All-City sports facility;
- \$0.3 million for traffic calming initiatives;
- \$0.2 million for a contingency for Bus Purchases; and
- \$0.1 million for a non public safety automated vehicle locator system.

FY 2010

- \$2.1 million for DASH bus fleet expansion;
- \$2.0 million for Madison/Montgomery Street reconstruction; and
- \$0.8 million for King Street Paving.

A total of \$61.3 million in approved CIP projects remain unfunded.

The City Council Approved CIP could not fund \$4.5 million in approved CIP reductions in FY 2009.

For more detail on unfunded projects, please refer to Table 5 in the "Summary Expenditure Tables" located on pages 4-17 to 4-23.

FY 2011

- \$1.1 million for DASH bus fleet expansion; and
- \$0.6 million for the reconstruction of Edsall Road.

FY 2012

- \$1.2 million for DASH bus fleet expansion.

FY 2013

- \$1.2 million for DASH bus fleet expansion.

FY 2014

- \$1.3 million for DASH bus fleet expansion.

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

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

- New Metrorail station at Potomac Yard;
- Landmark Mall redevelopment site public infrastructure;
- DHS/Mental Health/Schools office space consolidation from leases into owned space at the former Jefferson Hospital site; and
- Bus Rapid Transit (BRT) network City-wide.

In addition, the possibility of a new Metrorail station in the Eisenhower Valley would be studied in conjunction with an Eisenhower West small area plan study.

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:

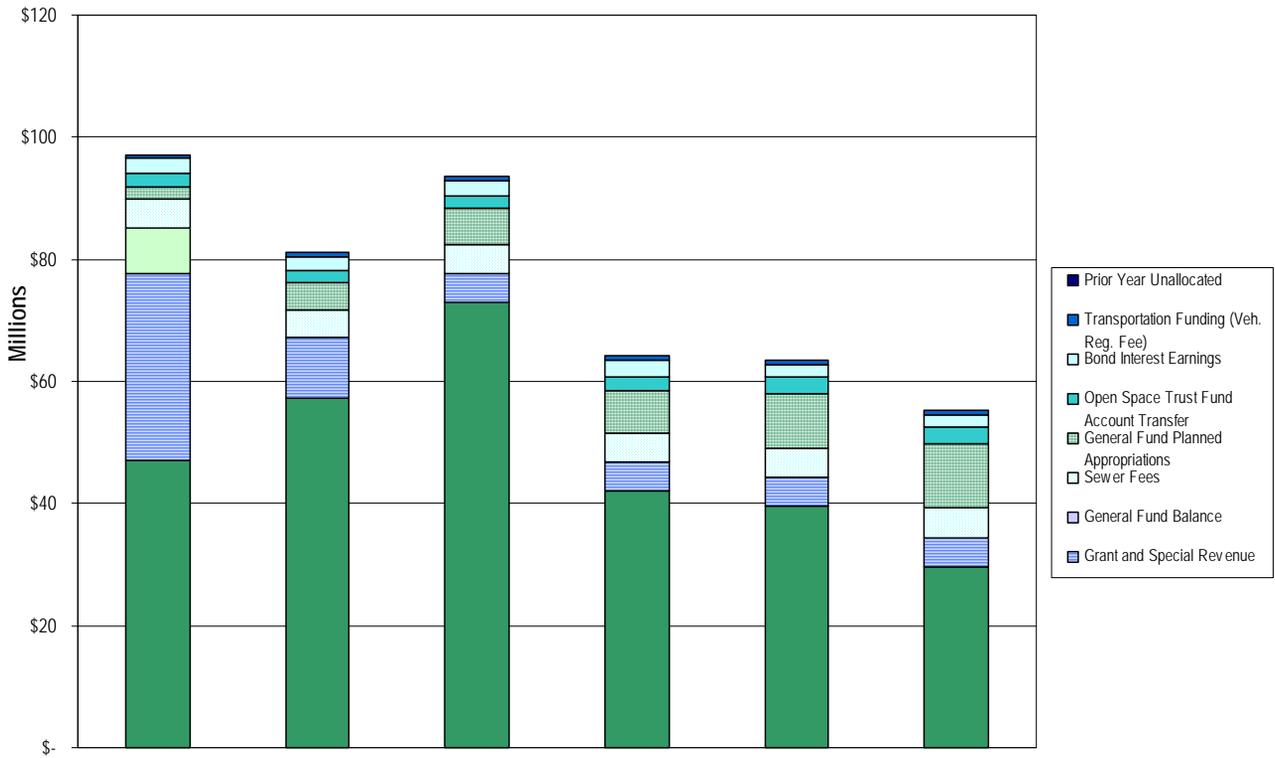
- \$288.8 million in general obligation bond borrowing;
- \$59.2 million in grants and other special revenue; and
- \$108.1 million in cash from various sources, including:
 - \$53.1 million in cash capital appropriations (includes open space cash capital);
 - \$28.2 million in cash capital from sanitary sewer fees
 - \$14.1 million in bond interest earnings,
 - \$7.4 million in general fund balance for capital projects;
 - \$4.2 million in revenue raised from the decal fee; and
 - \$1.1 million in prior year unallocated funds.

The FY 2009-FY 2014 capital funding plan reflects the planned issuance of \$288.8 million in bonds through FY 2014, including:

- \$47.1 million in general obligation bonds in FY 2009;
- \$57.4 million in FY 2010;
- \$72.9 million in FY 2011;
- \$42.0 million in FY 2012;
- \$39.6 million in FY 2013; and
- \$29.7 million in FY 2014.

The FY 2009 – FY 2014 CIP will be primarily financed with General Obligation Bonds, Cash Capital, Grants and Other Special Revenue, and Bond Interest Earnings.

CIP SOURCES: FY 2009-FY 2014



Over the six-year period, the City will receive \$41.2 million in special revenue related to transportation.

Of the \$59.2 million to come from grants and other special revenue sources, \$41.2 million is dedicated to funding capital projects related to transportation. This includes:

- \$32.3 million in State Urban Funds;
- \$6.0 million from the State revenue sharing program; and
- \$2.9 for SAFTEA-LU funded projects.

Tables detailing the capital program funding plan appear in the section entitled "Summary Funding Totals" in this document.

FY 2009 – FY 2014 Capital Improvement Program Overview

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

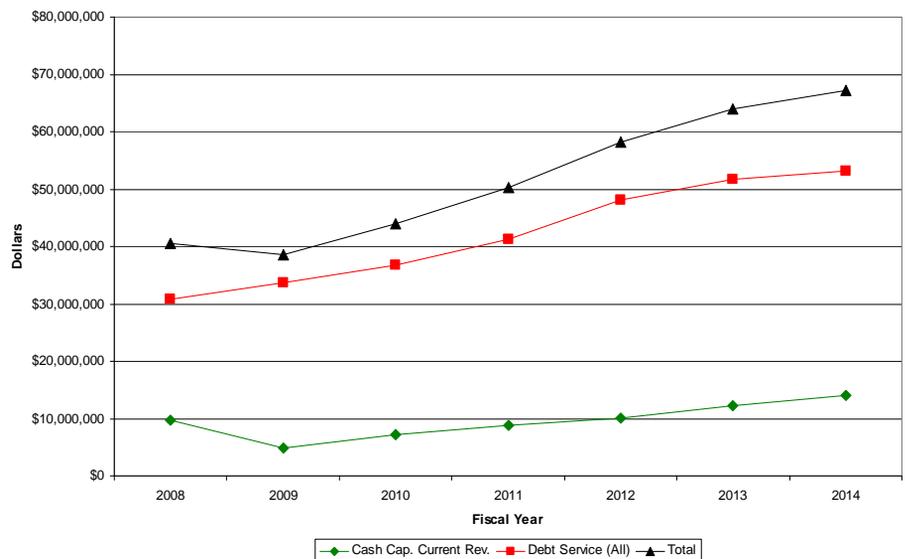
Debt service payments increase each year of the CIP, peaking at \$53.1 million in FY 2014.

This approved 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 \$61.3 million over six years remains unfunded. The impact on the operating budget of proposing additional cash capital or bond issuance to fund this \$61.3 million is more than existing or projected revenues at current tax rates could finance.

The increasing amount of debt outstanding will 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 \$30.8 million in FY 2008 to \$33.6 million in FY 2009, and increase each year until peaking at \$53.1 million in FY 2014.

CIP Impact on Operating Budget



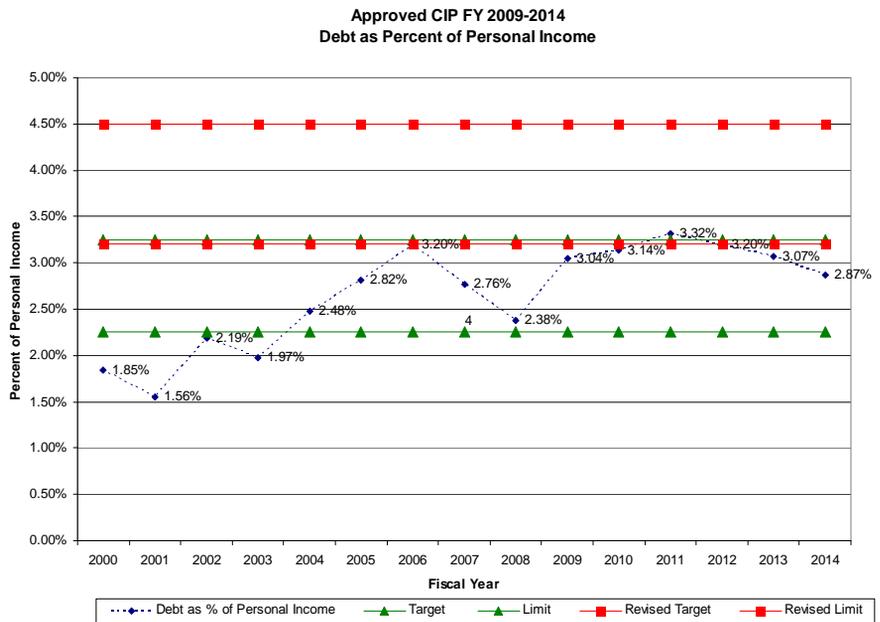
FY 2009 – FY 2014 Capital Improvement Program Overview

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 most of our adopted debt ratio limits.

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.

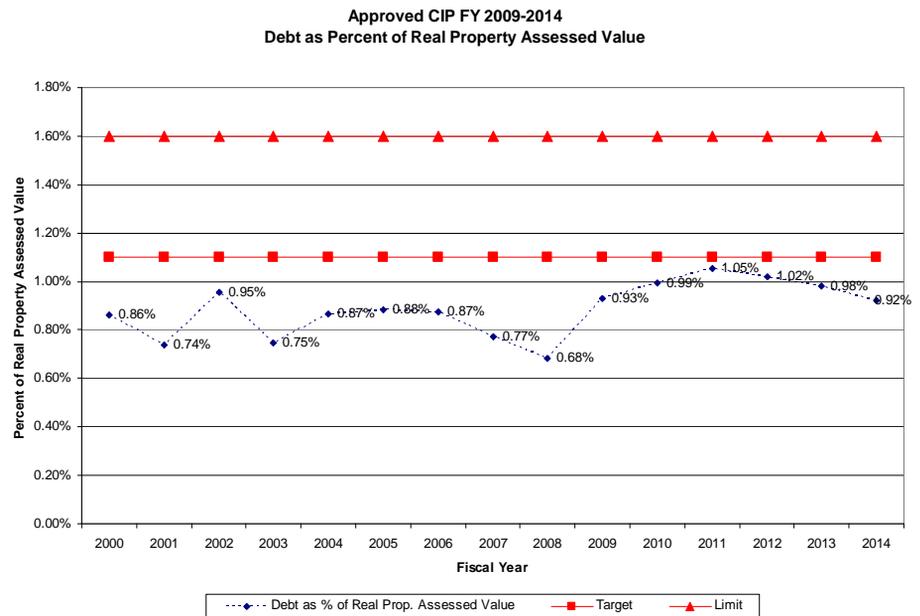


FY 2009 – FY 2014 Capital Improvement Program Overview

Under this funding plan, the City's debt as a percentage of the fair market value of real property increases but stays below both the 1.1 percent target and the 1.6 percent limit during the entire FY 2009 to FY 2014 time period

The City will remain consistent with its adopted debt policy ratios for Debt as a Percentage of Fair Market Real Property Value, as shown in the following graph. This is the most important debt ratio considered by the bond rating agencies.

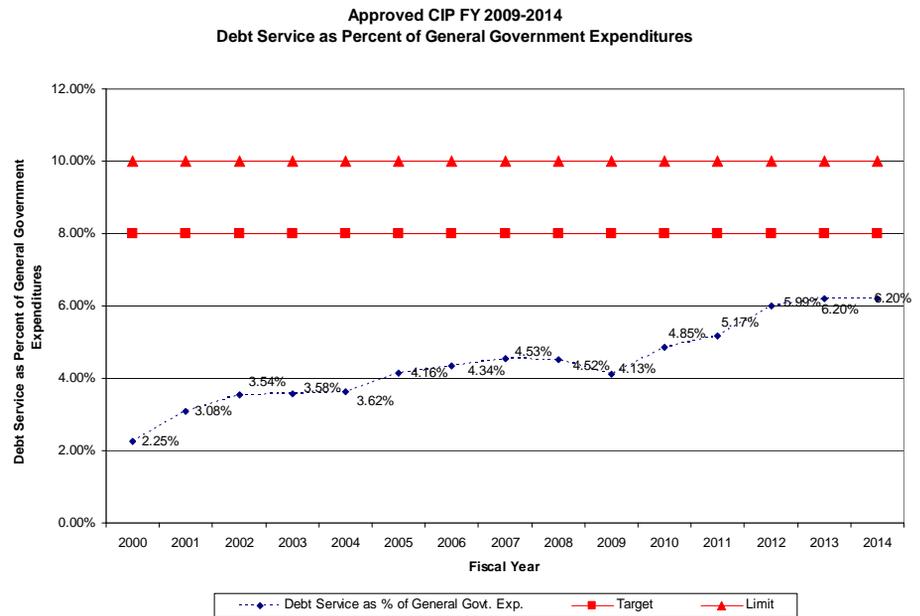
Debt as a percent of fair market value increases slightly, but stays below target.



The City's projected debt to tax base ratio peaks in FY 2011 at 1.05% and then steadily decreases over the next three years. This is below the 1.1% target and 65% of the City's set 1.6% policy limit. Most of this debt level is well below that of most of the other AAA/Aaa jurisdictions in Virginia and Maryland.

FY 2009 – FY 2014 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.



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.

To begin implementation, the following 14 projects were identified to be part of this new review process:

- New Police Facility
- Fire Station 203 Expansion
- New Fire Station (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
- All-City Sports Facility
- Windmill Hill
- Coordinated Sign and Wayfinding Program

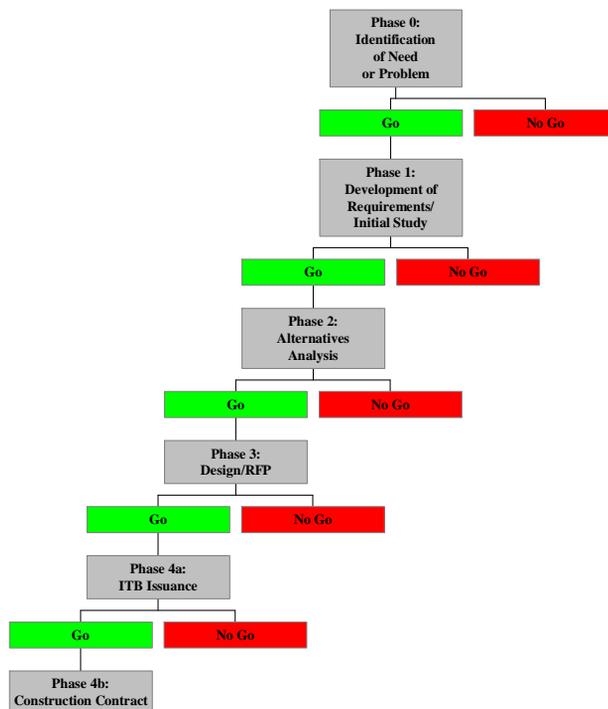
In addition, certain Information Technology projects such as the acquisition of a new City phone system , the replacement of the financial/human resource/purchasing systems, as well as other significant IT systems will also be subject to a similar review process.

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

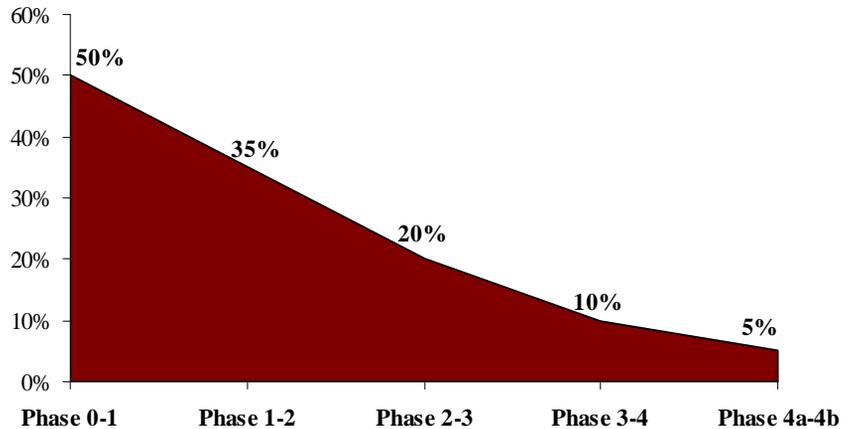
When a project is ready to proceed to the next phase, Departments are required to submit the information listed below to City Manager's Office.

- 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.



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.



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.

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.

FY 2009 – FY 2014 Capital Improvement Program Overview

Capital projects often have an impact on the operating budget. The table below identifies and quantifies significant financial impacts upon current and future operating budgets that are likely to result from significant non-routine expenditures

Estimated Operating Impact Of Capital Improvement Program (CIP)**

Community Development	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Landmark Redevelopment	\$0	TBD	TBD	TBD	TBD	TBD	\$0
Lower King Street Mitigation	\$0	TBD	TBD	TBD	TBD	TBD	\$0
Woodrow Wilson Bridge	\$0	TBD	TBD	TBD	TBD	TBD	\$0
Community Development Subtotal	\$0						

Recreation & Parks	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
All-City Sports Facility (Include Labor Costs Only)	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$840,000
Charles Houston Recreation Center	\$255,000	\$255,000	\$255,000	\$255,000	\$255,000	\$255,000	\$1,530,000
Chinquapin Recreation Center*	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Patrick Henry Recreation Center*	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Open Space Land Acquisition	\$657,000	\$713,000	\$719,000	\$719,000	\$719,000	\$719,000	\$4,246,000
Athletic Field Improvements	\$140,000	\$410,000	\$480,000	\$480,000	\$480,000	\$480,000	\$2,470,000
Bike Trails	\$15,000	\$25,000	\$35,000	\$45,000	\$55,000	\$65,000	\$240,000
Windmill Hill Park	\$0	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000
Recreation & Parks Subtotal	\$1,207,000	\$1,633,000	\$1,719,000	\$1,729,000	\$1,739,000	\$1,749,000	\$9,776,000

Public Buildings	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Gadsby's Tavern	TBD	TBD	TBD	TBD	TBD	TBD	\$0
New Police Facility*	\$0	\$0	\$0	TBD	TBD	TBD	\$0
Fire Station 209: Potomac Yard (Non-Personnel Only)	\$0	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000
Fire Station 210: Eisenhower Valley*	\$0	\$0	\$0	\$3,237,000	\$2,350,000	\$2,350,000	\$7,937,000
Old Animal Shelter Reuse*	TBD	TBD	TBD	TBD	TBD	TBD	\$0
Safe Haven	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$3,300,000
405 Cameron*	TBD	TBD	TBD	TBD	TBD	TBD	\$0
Public Buildings Subtotal	\$550,000	\$675,000	\$675,000	\$3,912,000	\$3,025,000	\$3,025,000	\$11,862,000

Public Transportation & Traffic Control	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Buses	\$625,000	\$625,000	\$625,000	\$750,000	\$750,000	\$0	\$3,375,000
Bus Shelters	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$480,000
Public Transportation & Traffic Control Subtotal	\$705,000	\$705,000	\$705,000	\$830,000	\$830,000	\$80,000	\$3,855,000

Sewers	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Oronoco Outfall	\$0	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$875,000
Sewers Subtotal	\$0	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$875,000

Total Estimated Operating Costs	\$2,462,000	\$3,188,000	\$3,274,000	\$6,646,000	\$5,769,000	\$5,029,000	\$26,368,000
--	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	---------------------

*Project has not yet reached design and/or construction phase, therefore operating costs are unknown at this time.

**Excludes projects scheduled to be completed after FY 2014.

STRATEGIC PLAN

Strategic Plan

PAGE INTENTIONALLY LEFT BLANK

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:

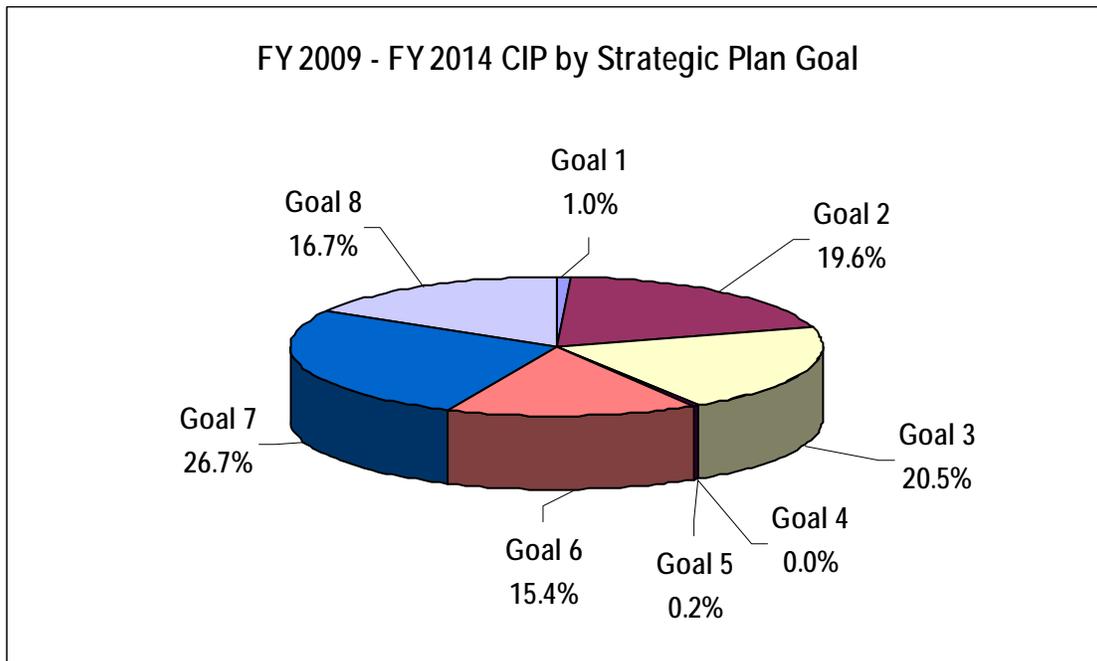
- Goal 1: Quality Development and Redevelopment that is Well Planned and Consistent with Alexandria's Vision.
- Goal 2: A City That Respects, Protects, Preserves and Enhances the Natural Environment and Historic Resources.
- Goal 3: An Integrated, Multi Modal Transportation System that Efficiently and 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.

Strategic Plan

The Proposed FY 2009 – FY 2014 CIP reflects a strong commitment to furthering the adopted goals in the City Council's Strategic Plan. The pie chart below illustrates the percentage of City funds dedicated to projects for each of the Strategic Goals.



- Goal 1 includes \$3.8 million over six years for projects related to development. These include wayfinding and residential sign programs, street cans, waterfront improvements such as dredging, and other neighborhood planning initiatives.
- A total of \$77.6 million is dedicated to furthering Goal 2 (Environmental and Historic Resources), which incorporates projects such as stream and channel maintenance, City-wide sanitary and storm sewer projects, and the preservation of historic facilities.
- \$81.3 million is provided for Goal 3 and the City's transportation system. Projects related to this goal include the City's contribution to WMATA, the Crystal City/Potomac Yard Bus Rapid Transit System, DASH bus replacement, traffic signalization, as well as various street, bridge, and pedestrian improvements.
- A total of \$0.9 million is planned for projects associated with Goal 5 (Caring Community). These include funds for renovations to the Safe Haven Facility and capital facility maintenance for the Mental Health Residential Facilities.
- \$60.9 million is provided for various projects related to Goal 6 (General City government). This includes funds for the information technology plan as well as renovation and maintenance of existing City-owned facilities, recreation facilities, and parks.
- A total of \$106 million is dedicated to Goal 7 and improving Public Safety facilities, including the new police facility, new fire stations in Potomac Yard and the Eisenhower Valley, and capital facilities maintenance at various fire stations and facilities maintained by the Office of the Sheriff.
- \$66.1 million is planned for Goal 8, which includes renovations and maintenance to the City's public schools. This includes funds for the completion of T.C. Williams High School and the renovation and expansion of Minnie Howard Middle School.

Strategic Plan

The following table shows the FY 2009 – FY 2014 CIP projects according to strategic goal for each year in the six year plan.

Goal 1: Quality Development and Redevelopment that is Well Planned and Consistent with Alexandria's Vision.								
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Community Development								
Residential Sign Program	24,000	0	0	0	36,000	36,000	TBD	72,000
Misc. Street Cans/Lighting	300,000	0	0	0	0	0	0	0
Street Cans	0	0	0	0	0	0	10,000	10,000
Mt. Vernon Ave. Improvements	0	0	0	0	0	0	10,000	10,000
Building Mounted Lighting	0	10,000	0	0	0	0	0	10,000
Route 1 Beautification	20,000	0	0	0	0	0	0	0
Redevelopment of Arlandria	0	0	0	0	0	0	0	0
Landmark Mall	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000
City Marina Waterfront Dredging	0	0	0	0	0	100,000	3,000,000	3,100,000
Lower King St. Flood Mitigation	0	0	TBD	TBD	TBD	TBD	10,000	10,000
Downtown Parking	0	0	0	0	0	0	10,000	10,000
Misc. Undergrounding	0	0	0	0	91,163	95,721	100,507	287,391
Old Town Undergrounding	500,000	0	0	0	0	0	0	0
Municipal Waterfront Improvements	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000
Community Development Subtotal	844,000	10,000	0	0	127,163	231,721	3,160,507	3,529,391
Recreation & Parks								
Charles Houston Undergrounding	0	0	0	0	0	0	10,000	10,000
Recreation & Parks Subtotal	0	0	0	0	0	0	10,000	10,000
Public Buildings								
Market Square Renovations	0	0	0	0	300,000	0	0	300,000
Public Buildings Subtotal	0	0	0	0	300,000	0	0	300,000
Goal 1 Total	844,000	10,000	0	0	427,163	231,721	3,170,507	3,839,391

Strategic Plan

Goal 2: A City That Respects, Protects, and Enhances the Natural Environment and Historic Resources.

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Community Development								
Channel Restoration	450,000	472,500	496,125	520,931	243,100	255,260	268,000	2,255,916
Environmental Restoration	385,000	78,750	110,250	0	121,551	0	134,010	444,561
Four Mile Run Watershed	552,019	0	0	0	0	0	0	0
Four Mile Run Park/Stream Rest.	600,000	286,364	200,000	200,000	TBD	TBD	TBD	686,364
Four Mile Run Maintenance	500,000	200,000	200,000	100,000	0	0	0	500,000
Stream & Channel Maintenance	525,000	551,250	330,750	347,288	364,652	382,884	402,029	2,378,853
Flood of 2006 Restoration	0	661,500	694,576	729,303	765,769	804,058	0	3,655,206
Streetscape Improvements	0	100,000	0	0	100,000	100,000	0	300,000
Woodrow Wilson Bridge	0	0	0	0	0	0	0	0
Community Development Subtotal	3,012,019	2,350,364	2,031,701	1,897,522	1,595,072	1,542,202	804,039	10,220,900
Recreation & Parks								
Open Space Acquisition & Dev.	8,091,536	2,039,525	2,054,545	2,156,530	2,353,815	2,561,739	2,778,391	13,944,545
Bike Trails	84,850	84,892	0	93,593	98,273	103,187	108,346	488,291
Drainage Improvements	0	0	0	0	0	0	10,000	10,000
Ft. Ward Park	8,000	27,563	0	30,387	31,907	33,502	35,177	158,536
Landscaping	0	102,494	107,869	113,512	119,438	125,660	132,193	701,164
Trees	0	107,494	112,869	118,512	124,438	130,660	137,193	731,164
Irrigation	0	329,250	0	0	127,628	134,000	140,700	731,578
Park & Playground Renovations	0	176,400	185,220	194,481	204,205	214,415	225,135	1,199,856
Timberbranch Park	0	0	0	0	0	0	10,000	10,000
Windmill Hill Park	1,323,500	0	0	0	0	0	0	0
Subtotal Recreation & Parks	9,507,886	2,867,618	2,460,502	2,707,015	3,059,703	3,303,162	3,577,134	17,975,134
Public Buildings								
Fort Ward Historic Area	0	72,260	12,000	12,000	12,000	12,000	12,000	132,260
Friendship Firehouse	0	0	0	0	0	0	10,000	10,000
Gadsby's Tavern	0	0	0	0	0	0	0	0
The Lyceum	0	0	0	0	0	0	10,000	10,000
City Historic Facilities CFMP	0	370,000	388,500	407,925	428,321	449,737	TBD	2,044,484
Apothecary Museum (SLAM)	0	0	0	0	0	0	10,000	10,000
Torpedo Factory Repairs	0	0	0	0	0	0	10,000	10,000
Environmental Compliance	0	100,000	0	0	0	0	0	100,000
Cameron Station	25,000	0	0	0	0	0	0	0
Energy Conservation	224,350	192,938	202,584	0	223,349	234,517	246,243	1,099,631
Public Buildings Subtotal	249,350	735,198	603,084	419,925	663,670	696,254	298,243	3,416,375

Strategic Plan

Goal 2: A City That Respects, Protects, and Enhances the Natural Environment and Historic Resources.

(Continued)

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Sewers								
Correction of Infiltration/Inflow	0	1,000,000	0	0	0	0	0	1,000,000
Hoof's Run Sanitary Sewer	0	60,000	630,000	0	0	0	0	690,000
Holmes Run Trunk Sewer	7,037,000	0	0	0	0	0	0	0
Holmes Run Infiltration & Inflow	500,000	700,000	735,000	6,771,750	810,338	7,350,854	893,000	17,260,942
Mitigation of CSO's	1,650,190	262,500	275,625	289,406	303,876	319,070	335,024	1,785,501
Reconstruction & Extensions	0	1,361,000	1,404,050	949,253	996,715	1,046,551	1,098,878	6,856,447
Royal Street Relief Sewer	0	0	0	0	0	0	10,000	10,000
Sanitary Sewer Projects TBD	0	0	194,804	0	1,571,463	0	1,381,374	3,147,641
Sanitary Sewer Capacity Study	0	380,000	399,000	418,950	0	0	0	1,197,950
Sewer Separation Projects	0	500,000	525,000	551,250	578,813	607,753	638,141	3,400,957
Sewer Map Update	0	0	0	0	0	0	10,000	10,000
St. Recon. Due to Sanitary Sewers	0	367,500	385,875	405,169	425,427	446,699	469,033	2,499,703
Misc. Storm Sewers	359,500	213,150	223,808	234,998	246,748	259,085	272,039	1,449,828
Key Drive Flood Mitigation	0	0	0	0	0	0	10,000	10,000
Taylor Run at Janney's Lane	500,000	0	0	0	0	0	0	0
NPDES	175,000	0	0	0	0	0	0	0
Oronoco Outfall	1,510,000	0	0	0	0	0	0	0
Braddock & West Storm Sewer	0	200,000	0	0	0	0	0	200,000
Storm and Combined Sys. Assess.	600,000	0	200,000	0	900,000	900,000	900,000	2,900,000
Stormwater Capacity Analysis	0	787,500	826,875	0	0	0	0	1,614,375
Sewers Subtotal	12,331,690	5,831,650	5,800,037	9,620,776	5,833,380	10,930,012	6,017,489	44,033,344
Other Regional Contributions								
No. VA Regional Park Authority	0	352,023	352,023	352,023	352,023	352,023	352,023	2,112,138
Other Regional Contributions Subtotal	0	352,023	352,023	352,023	352,023	352,023	352,023	2,112,138
Goal 2 Total	25,100,945	12,136,853	11,247,347	14,997,261	11,503,849	16,823,653	11,048,928	77,757,890

Strategic Plan

Goal 3: An Integrated, Multi Modal Transportation System that Gets People from Point "A" to Point "B" Efficiently and Effectively.

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Public Buildings								
Union Station	0	0	0	0	0	0	10,000	10,000
Public Buildings Subtotal	0	0	0	0	0	0	10,000	10,000
Public Trans. & Traffic Control								
DASH Capital Request	0	0	0	0	0	0	0	0
Alex. Transit Service Improvements	247,500	0	0	0	0	0	0	0
DASH Bus Facility	0	671,662	0	0	0	0	0	671,662
Bus Shelters	230,000	0	0	0	36,750	38,588	40,517	115,855
ADA Access	10,000	10,500	0	0	12,155	12,763	13,401	48,819
Metro Bus/Rail Capital	1,771,386	8,057,000	8,915,000	11,147,000	11,281,000	4,172,000	2,100,000	45,672,000
Public Transportation Projects TBD	0	0	0	700,000	700,000	700,000	700,000	2,800,000
SAFETEA-LU Trans. Projects	0	0	0	0	0	0	0	0
Signal Optimization	0	0	0	0	0	0	0	0
School Flashing Signals	45,000	0	0	0	0	0	0	0
Duke Street Traffic Signals	0	0	0	0	0	0	10,000	10,000
Fixed Equip. Replace/Signs & Signals	1,250,000	892,500	937,125	983,981	1,033,180	1,084,839	1,139,081	6,070,706
Potomac Yard Metro Contingency	0	500,000	0	0	0	0	0	500,000
Traffic Control Computer	500,000	0	0	0	750,000	750,000	0	1,500,000
Potomac Yard BRT	0	8,500,000	0	0	0	0	0	8,500,000
Pub. Trans. & Traf. Control Subtotal	4,053,886	18,631,662	9,852,125	12,830,981	13,813,085	6,758,190	4,002,999	65,889,042

Strategic Plan

Goal 3: An Integrated, Multi Modal Transportation System that Gets People from Point "A" to Point "B" Efficiently and Effectively. (Continued)

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Streets, Bridges, & Pedestrian Improvements								
Bridge Repairs	0	1,010,000	507,150	532,508	559,133	587,090	616,444	3,812,325
Pot. Yard & Bridge Improvements	372,000	0	0	0	0	0	0	0
Monroe Ave. Bridge Ped. Improve	700,000	0	0	0	0	0	0	0
Wilkes Street Tunnel	0	0	0	0	0	0	10,000	10,000
King St. Metro North Entrance	0	0	0	0	0	0	10,000	10,000
King St. Metro Platform Extension	0	0	0	0	0	0	10,000	10,000
King St. Metro Sidewalks	72,135	0	0	0	0	0	0	0
Other King St. Metro Area Improve	101,953	0	0	0	0	0	0	0
Union Station Pedestrian Improve	0	0	0	0	0	0	10,000	10,000
Duke St. Flyover	0	0	0	0	0	0	10,000	10,000
Sidewalk, Curb, & Gutter	0	157,500	110,250	115,763	121,551	127,628	134,010	766,702
Safe Routes to School	0	0	0	0	50,000	50,000	50,000	150,000
Transit Facilities Ped. Improvements	0	0	0	0	0	0	10,000	10,000
Braddock Rd. Improvements	200,000	0	0	0	0	0	0	0
Edsall Road	0	0	0	700,000	0	0	0	700,000
Eisenhower Ave. Widening	110,000	0	0	0	0	0	0	0
King & Beauregard Improvements	336,240	96,022	0	0	0	0	0	96,022
King St. at Bradlee Shopping Center	0	0	0	0	50,000	0	0	50,000
King St./Quaker Ln./Braddock Rd.	150,000	0	0	0	0	0	0	0
Madison & Montgomery	0	700,000	700,000	0	0	0	0	1,400,000
Mill Rd. Realignment	100,000	0	0	0	0	0	0	0
Slater's Lane	300,000	0	0	0	0	0	0	0
Street Reconstructions	638,524	472,500	385,875	173,644	121,551	127,628	134,010	1,415,208
Traffic Calming	500,000	645,000	0	0	729,303	765,769	804,058	2,944,130
Alley Rehabilitation	295,000	315,000	330,750	347,288	364,652	382,884	402,029	2,142,603
Mt. Vernon Public Alley	0	0	0	0	0	0	10,000	10,000
Street Lighting	0	50,000	52,500	55,000	58,000	60,000	64,000	339,500
Ped. & Bike Safety Enhancements	0	105,000	110,250	115,763	121,551	127,628	134,010	714,202
Washington St. Paving	0	800,000	0	0	0	0	0	800,000
Street Reconstructions TBD	0	0	0	0	0	0	0	0
King St. Paving	0	0	0	0	0	0	0	0
Street, Bridge, and Ped. Improv. Subtotal	3,875,852	4,351,022	2,196,775	2,039,966	2,175,741	2,228,627	2,408,561	15,400,692
Goal 3 Total	7,929,738	22,982,684	12,048,900	14,870,947	15,988,826	8,986,817	6,421,560	81,299,734

Strategic Plan

Goal 4: A Strong City Economy that is Growing in Varied Small Businesses and Job Opportunities.

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Community Development								
Coord. Sign & Wayfinding Sys.	50,000	0	TBD	TBD	TBD	TBD	TBD	0
Community Development Subtotal	50,000	0						
Public Buildings								
City Visitor Center	259,000	0	0	0	0	0	0	0
Public Buildings Subtotal	259,000	0						
Goal 4 Total	309,000	0						

Goal 5: A Caring Community that is Diverse and Affordable.

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Public Buildings								
ADA Accessibility	0	25,588	20,517	0	44,670	46,903	49,248	186,926
Mental Health Residential Fac.	160,125	78,750	82,688	86,822	91,163	95,721	100,507	535,651
Flora Krause Casey Clinic	0	0	0	0	0	0	10,000	10,000
Safe Haven Facility	1,205,000	0	0	0	0	0	0	0
Teen Center	0	0	0	0	0	0	10,000	10,000
Public Buildings Subtotal	1,365,125	104,338	103,205	86,822	135,833	142,624	169,755	742,577
Recreation & Parks								
Recreation ADA Requirements	25,000	27,563	28,941	0	31,907	33,503	35,178	157,092
Recreation & Parks Subtotal	25,000	27,563	28,941	0	31,907	33,503	35,178	157,092
Goal 5 Total	1,390,125	131,901	132,146	86,822	167,740	176,127	204,933	899,669

Strategic Plan

Goal 6: The City Government Is Financially Sustainable, Efficient, and Community Oriented.

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Recreation & Parks								
All-City Sports Facility	800,000	0	1,790,000	2,910,000	0	0	0	4,700,000
Recreation Projects TBD	0	600,000	0	0	0	0	0	600,000
Charles Houston Rec Center	0	0	0	0	0	0	10,000	10,000
Chinquapin Park & Rec Center	100,000	0	0	0	850,000	10,000,000	9,300,000	20,150,000
Patrick Henry Rec Center	500,000	0	0	0	0	0	0	0
Recreation Renovations	0	500,000	370,000	500,000	500,000	500,000	500,000	2,870,000
Lee Center	25,000	0	0	0	0	0	0	0
Needs Assessment	0	0	0	0	0	0	10,000	10,000
Public Pools	0	49,613	52,093	54,698	57,433	60,304	63,319	337,459
Marina	0	49,613	52,093	54,698	57,433	60,304	63,319	337,459
Warwick Pool	0	0	0	TBD	TBD	0	10,000	10,000
Athletic Field Improvements	50,000	892,500	937,125	0	783,180	834,839	876,581	4,324,225
Community Running Track	0	0	0	0	0	0	10,000	10,000
Miracle Field	0	0	0	0	0	0	10,000	10,000
Ball Court Renovations	0	137,813	578,813	151,938	159,535	167,512	175,888	1,371,499
Boothe Court	0	0	0	0	0	0	10,000	10,000
Skate Park	0	0	0	0	0	0	10,000	10,000
Recreation & Parks Subtotal	1,475,000	2,229,538	3,780,124	3,671,333	2,407,580	11,622,959	11,049,107	34,760,641
Public Buildings								
Library Capital Items	215,000	0	0	0	0	0	0	0
King-Beauregard Office Complex	0	0	0	500,000	500,000	0	0	1,000,000
405 Cameron Street	0	0	0	0	0	0	10,000	10,000
Elevator Refurbish/Replacement	0	0	725,000	225,000	0	0	0	950,000
Emergency Generators	485,000	80,000	0	0	0	0	0	80,000
General Services CFMP	235,000	630,000	661,500	694,575	729,304	765,769	804,057	4,285,205
Payne Street Records Center	35,000	0	0	0	0	0	0	0
Space Management	0	100,000	100,000	0	TBD	TBD	TBD	200,000
Public Buildings Subtotal	970,000	810,000	1,486,500	1,419,575	1,229,304	765,769	814,057	6,525,205
Information Technology								
Connectivity Projects	1,304,500	325,000	657,125	1,275,000	1,330,000	1,335,000	685,000	5,607,125
Systems Development	2,740,810	1,604,100	6,129,750	3,418,963	974,161	1,168,369	742,612	14,037,955
Information Technology Subtotal	4,045,310	1,929,100	6,786,875	4,693,963	2,304,161	2,503,369	1,427,612	19,645,080
Goal 6 Total	6,490,310	4,968,638	12,053,499	9,784,871	5,941,045	14,892,097	13,290,776	60,930,926

Strategic Plan

Goal 7: A City that Ensures the Safety, Security, Emergency Preparedness, and Well Being of the Community

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Public Buildings								
New Police Facility	3,705,820	3,000,000	26,978,000	37,110,200	9,000,000	0	0	76,088,200
Business Center Drive/Govt. Center	0	0	0	0	0	0	10,000	10,000
Detention Center (Jail)	0	0	0	0	0	0	10,000	10,000
Courthouse Garage	12,336	0	0	0	0	0	0	0
Continuity of Operations	0	300,000	300,000	0	0	0	0	600,000
Burn Building	0	50,000	0	0	0	0	0	50,000
Fire Station CFMP	236,250	198,063	260,466	273,489	287,163	301,522	316,598	1,637,301
Fire Station 203 Expansion	0	0	0	0	520,000	1,950,000	7,450,000	9,920,000
New Fire Station-Pot. Yard	0	0	0	0	0	0	10,000	10,000
New Fire Station-Eisen. Valley	1,950,000	0	800,000	7,200,000	1,340,000	0	0	9,340,000
Emergency Operations Center	75,000	0	0	TBD	TBD	0	0	0
Sheriff CFMP	0	220,500	231,525	243,101	255,256	268,019	281,420	1,499,821
Public Safety Center Slab	0	3,000,000	1,500,000	1,000,000	0	0	0	5,500,000
Pistol Range	0	370,000	0	0	0	0	0	370,000
Old Animal Shelter Re-use	128,298	0	0	0	0	0	0	0
Vola Law son Animal Shelter	0	27,563	28,941	30,388	31,907	33,502	35,177	187,478
Public Buildings Subtotal	6,107,704	7,166,126	30,098,932	45,857,178	11,434,326	2,553,043	8,113,195	105,222,800
Other Regional Contributions								
No. VA Juvenile Detention Home	0	0	0	0	0	0	10,000	10,000
Peumansend Regional Jail	0	146,502	141,368	136,272	129,212	121,266	115,465	790,084
Other Reg. Contributions Subtotal	0	146,502	141,368	136,272	129,212	121,266	125,465	800,084
Goal 7 Total	6,107,704	7,312,628	30,240,300	45,993,450	11,563,538	2,674,309	8,238,660	106,022,884

Goal 8: Public Schools That are Among the Best in Northern Virginia (in Partnership with the Alexandria Schools).

	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Schools								
ACPS Capital Projects	210,965	19,879,886	5,466,739	3,085,859	13,840,814	14,924,771	8,122,835	65,320,904
Schools Subtotal	210,965	19,879,886	5,466,739	3,085,859	13,840,814	14,924,771	8,122,835	65,320,904
Other Regional Contributions								
Northern VA Community College	0	132,343	132,343	132,343	132,343	132,343	132,343	794,058
Other Reg. Contrib. Subtotal	0	132,343	132,343	132,343	132,343	132,343	132,343	794,058
Goal 8 Total	210,965	20,012,229	5,599,082	3,218,202	13,973,157	15,057,114	8,255,178	66,114,962

SUMMARY EXPENDITURE TABLES

Summary Expenditure Tables

PAGE INTENTIONALLY LEFT BLANK

Summary Expenditure Tables

Table 1.
Summary of Capital Improvement Program by Project Group
FY 2009 - FY 2014

By Funding Source					
	TOTAL COST	FEDERAL GRANTS, REALLOCATIONS, AND OTHERS	NET CITY COST	CITY UNALLOCATED BALANCE ¹	REMAINING CITY COST
SCHOOLS	65,531,869	0	65,531,869	210,965	65,320,904
COMMUNITY DEVELOPMENT	39,457,388	22,088,469	17,368,919	3,906,019	13,462,900
RECREATION AND PARKS	68,965,753	5,030,000	63,935,753	11,032,886	52,902,867
PUBLIC BUILDINGS	127,319,334	2,176,198	125,143,136	8,926,179	116,216,957
PUBLIC TRANSPORTATION & TRAFFIC CONTROL	10,190,491	3,196,156	6,994,335	4,053,886	65,889,042
STREET, BRIDGE, & PEDESTRIAN IMPROVEMENTS	55,705,832	36,141,897	19,563,935	3,875,852	15,688,083
SEWERS	56,982,704	617,670	56,365,034	12,331,690	44,033,344
OTHER REGIONAL CONTRIBUTIONS	3,706,281	0	3,706,281	0	3,706,281
INFORMATION TECHNOLOGY PLAN	28,872,515	5,182,125	23,690,390	4,045,310	19,645,080
TOTAL	548,446,166	103,197,922	445,248,244	48,382,787	396,865,457

¹ Unallocated balances updated in April 2008

Table 2.
Summary of Capital Improvement Program by Project Group
FY 2009 - FY 2014

All Funds by Program Year							
	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ¹
SCHOOLS	19,879,886	5,466,739	3,085,859	13,840,814	14,924,771	8,122,835	65,320,904
COMMUNITY DEVELOPMENT	7,399,364	2,031,701	1,897,522	1,631,072	1,678,202	3,864,039	18,501,900
RECREATION AND PARKS	5,129,719	11,274,567	6,383,348	5,504,190	14,964,624	14,676,419	57,932,867
PUBLIC BUILDINGS	9,909,675	32,508,158	47,999,937	13,979,570	4,374,127	9,621,687	118,393,155
PUBLIC TRANSPORTATION & TRAFFIC CONTROL	24,777,812	12,537,125	15,515,981	16,498,085	9,443,190	6,687,999	85,460,192
STREET, BRIDGE, & PEDESTRIAN IMPROVEMENTS	21,566,269	3,218,775	3,039,966	3,266,904	3,324,348	3,509,068	37,925,330
SEWERS	5,831,650	5,800,037	9,620,776	5,833,380	10,930,012	6,017,489	44,033,344
OTHER REGIONAL CONTRIBUTIONS	630,868	625,734	620,638	613,578	605,632	609,831	3,706,281
INFORMATION TECHNOLOGY PLAN	3,136,225	7,581,875	5,488,963	3,099,161	3,298,369	2,222,612	24,827,205
TOTAL	98,261,468	81,044,711	93,652,990	64,266,755	63,543,275	55,331,979	456,101,177

¹ Total does not include \$48.3 million in City unallocated balances and \$44.0 million in unallocated balances from other sources.

Summary Expenditure Tables

Table 3.
Detail of Capital Improvement Program by Project
FY 2009 - FY 2014

By Funding Source					
	TOTAL COST	STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS	NET CITY COST	CITY UNALLOCATED BALANCE ¹	REMAINING CITY COST
SCHOOLS					
SCHOOL FACILITIES	\$ 65,531,869	-	\$ 65,531,869	\$ 210,965	\$ 65,320,904
SCHOOLS TOTAL	\$ 65,531,869	-	\$ 65,531,869	\$ 210,965	\$ 65,320,904
COMMUNITY DEVELOPMENT					
Citywide Amenities					
COORDINATED SIGN & WAYFINDING SYSTEM	\$ 50,000	-	\$ 50,000	\$ 50,000	-
RESIDENTIAL SIGN PROGRAM	96,000	-	96,000	24,000	72,000
MISC. STREET CANS/LIGHTING	300,000	-	300,000	300,000	-
STREET CANS	10,000	-	10,000	-	10,000
Subtotal	\$ 456,000	-	\$ 456,000	\$ 374,000	\$ 82,000
Neighborhood Planning					
DOWNTOWN TRANSPORTATION/PARKING	\$ 10,000	-	\$ 10,000	-	\$ 10,000
MT. VERNON AVE. IMPROVEMENTS	10,000	-	10,000	-	10,000
MT. VERNON AVE. LIGHTING	10,000	-	10,000	-	10,000
ROUTE 1 BEAUTIFICATION	20,000	-	20,000	20,000	-
REDEVELOPMENT OF ARLANDRIA	500,000	-	500,000	500,000	-
STREETSCAPE IMPROVEMENTS	300,000	-	300,000	-	300,000
LANDMARK MALL	10,000	-	10,000	-	10,000
Subtotal	\$ 860,000	-	\$ 860,000	\$ 520,000	\$ 340,000
Potomac Waterfront Improvements					
CITY MARINA WATERFRONT DREDGING	\$ 3,100,000	-	\$ 3,100,000	-	\$ 3,100,000
LOWER KING ST. FLOOD MITIGATION	10,000	-	10,000	-	10,000
MUNICIPAL WATERFRONT IMPROVEMENTS	10,000	-	10,000	-	10,000
Subtotal	\$ 3,120,000	-	\$ 3,120,000	-	\$ 3,120,000
Stream & Channel Maintenance					
CHANNEL RESTORATION	\$ 2,705,916	-	\$ 2,705,916	450,000	\$ 2,255,916
ENVIRONMENTAL RESTORATION	829,561	-	829,561	385,000	444,561
FOUR MILE RUN WATERSHED IMPROVEMENTS	1,226,819	674,800	552,019	552,019	-
FOUR MILE RUN PARK/STREAM RESTORATION	2,386,364	1,100,000	1,286,364	600,000	686,364
FOUR MILE RUN MAINTENANCE	1,000,000	-	1,000,000	500,000	500,000
STREAM & CHANNEL MAINTENANCE	2,903,853	-	2,903,853	525,000	2,378,853
FLOOD OF 2006 RESTORATION	3,655,206	-	3,655,206	-	3,655,206
Subtotal	\$ 14,707,719	\$ 1,774,800	\$ 12,932,919	\$ 3,012,019	\$ 9,920,900
Woodrow Wilson Bridge Project					
WOODROW WILSON BRIDGE PROJECT	\$ 20,313,669	20,313,669	-	-	-
Subtotal	\$ 20,313,669	\$ 20,313,669	-	-	-
COMMUNITY DEVELOPMENT TOTAL	\$ 39,457,388	\$ 22,088,469	\$ 17,368,919	\$ 3,906,019	\$ 13,462,900

¹ Unallocated balances updated April 2008

Summary Expenditure Tables

	TOTAL COST	STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS	NET CITY COST	CITY UNALLOCATED BALANCE ¹	REMAINING CITY COST
RECREATION AND PARKS					
Renovated or Expanded Recreation Facilities					
ALL-CITY SPORTS FACILITY	\$ 10,500,000	\$ 5,000,000	\$ 5,500,000	\$ 800,000	\$ 4,700,000
RECREATION PROJECTS TBD	600,000	-	\$ 600,000	-	\$ 600,000
CHARLES HOUSTON REC CENTER	10,000	-	10,000	-	10,000
CHARLES HOUSTON UNDERGROUNDING	10,000	-	10,000	-	10,000
CHINQUAPIN PARK & REC CENTER	20,250,000	-	20,250,000	100,000	20,150,000
PATRICK HENRY REC CENTER	500,000	-	500,000	500,000	-
Subtotal	\$ 31,870,000	\$ 5,000,000	\$ 26,870,000	\$ 1,400,000	\$ 25,470,000
Recreation Facilities Improvements					
FACILITIES RENOVATIONS	\$ 2,870,000	-	\$ 2,870,000	-	\$ 2,870,000
LEE CENTER	25,000	-	25,000	25,000	-
NEEDS ASSESSMENT	10,000	-	10,000	-	10,000
PUBLIC POOLS	337,459	-	337,459	-	337,459
MARINA	337,459	-	337,459	-	337,459
WARWICK POOL	10,000	-	10,000	-	10,000
Subtotal	\$ 3,589,917	\$ -	\$ 3,589,917	\$ 25,000	\$ 3,564,917
Open Space Acquisition & Development					
OPEN SPACE ACQUISITION & DEVELOPMENT	\$ 22,036,081	-	\$ 22,036,081	\$ 8,091,536	\$ 13,944,545
Subtotal	\$ 22,036,081	\$ -	\$ 22,036,081	\$ 8,091,536	\$ 13,944,545
Park Improvements					
ADA REQUIREMENTS	\$ 182,092	-	\$ 182,092	\$ 25,000	\$ 157,092
ATHLETIC FIELD IMPROVEMENTS	4,374,225	-	4,374,225	50,000	4,324,225
COMMUNITY RUNNING TRACK	10,000	-	10,000	-	10,000
MIRACLE FIELD	10,000	-	10,000	-	10,000
BALL COURT RENOVATIONS	1,371,499	-	1,371,499	-	1,371,499
BOOTHE COURT	10,000	-	10,000	-	10,000
BIKE TRAILS	573,141	-	573,141	84,850	488,291
CAMERON STATION	25,000	-	25,000	25,000	-
DRAINAGE IMPROVEMENTS	10,000	-	10,000	-	10,000
FORT WARD PARK	166,536	-	166,536	8,000	158,536
IRRIGATION	731,578	-	731,578	-	731,578
PUBLIC SITE TREES	731,164	30,000	701,164	-	701,164
LANDSCAPING OF PUBLIC SITES	731,164	-	731,164	-	731,164
PARK AND PLAYGROUND RENOVATIONS	1,199,856	-	1,199,856	-	1,199,856
SKATE PARK	10,000	-	10,000	-	10,000
WINDMILL HILL PARK	1,323,500	-	1,323,500	1,323,500	-
TIMBERBRANCH PARK	10,000	-	10,000	-	10,000
Subtotal	\$ 11,469,755	\$ 30,000	\$ 11,439,755	\$ 1,516,350	\$ 9,923,405
RECREATION & PARKS TOTAL	\$ 68,965,753	\$ 5,030,000	\$ 63,935,753	\$ 11,032,886	\$ 52,902,867

¹ Unallocated balances updated April 2008

Summary Expenditure Tables

	TOTAL COST	STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS	NET CITY COST	CITY UNALLOCATED BALANCE ¹	REMAINING CITY COST
<u>PUBLIC BUILDINGS</u>					
Libraries					
LIBRARY CAPITAL ITEMS	\$ 215,000	\$ -	\$ 215,000	\$ 215,000	\$ -
Subtotal	\$ 215,000	\$ -	\$ 215,000	\$ 215,000	\$ -
Preservation of Historic Facilities					
FORT WARD HISTORIC AREA	\$ 132,260	\$ -	\$ 132,260	\$ -	\$ 132,260
FRIENDSHIP FIREHOUSE	10,000	-	10,000	-	10,000
GADSBY'S TAVERN	107,576	107,576	-	-	-
LYCEUM	10,000	-	10,000	-	10,000
CITY HISTORIC FACILITIES CFMP	2,044,484	-	2,044,484	-	2,044,484
APOTHECARY MUSEUM (SLAM)	10,000	-	10,000	-	10,000
TORPEDO FACTORY REPAIRS	10,000	-	10,000	-	10,000
Subtotal	\$ 2,324,320	\$ 107,576	\$ 2,216,744	\$ -	\$ 2,216,744
Public Safety Facilities					
NEW POLICE FACILITY	\$ 79,794,020	\$ -	\$ 79,794,020	\$ 3,705,820	\$ 76,088,200
BUSINESS CENTER DRIVE/GOVT CENTER	10,000	-	10,000	-	10,000
DETENTION CENTER (JAIL)	10,000	-	10,000	-	10,000
COURTHOUSE GARAGE	12,336	-	12,336	12,336	-
CONTINUITY OF OPERATIONS	600,000	-	600,000	-	600,000
FIRE STATION CFMP	1,873,551	-	1,873,551	236,250	1,637,301
FIRE STATION 203 EXPANSION	9,920,000	-	9,920,000	-	9,920,000
NEW FIRE STATION - FS 209 POTOMAC YARD	10,000	-	10,000	-	10,000
NEW FIRE STATION - FS 210 EISEN. VALLEY	11,290,000	-	11,290,000	1,950,000	9,340,000
BURN BUILDING	450,000	400,000	50,000	-	50,000
EMERGENCY OPERATIONS CENTER (EOC)	75,000	-	75,000	75,000	-
SHERIFF CFMP	2,798,443	1,298,622	1,499,821	-	1,499,821
PUBLIC SAFETY CENTER SLAB	5,500,000	-	5,500,000	-	5,500,000
PISTOL RANGE	740,000	370,000	370,000	-	370,000
OLD ANIMAL SHELTER RE-USE	128,298	-	128,298	128,298	-
VOLA LAWSON ANIMAL SHELTER	187,478	-	187,478	-	187,478
Subtotal	\$ 113,399,126	\$ 2,068,622	\$ 111,330,504	\$ 6,107,704	\$ 105,222,800
Public Health & Welfare Facilities					
FLORA KRAUSE CASEY CENTER	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
MENTAL HEALTH RESIDENTIAL FACILITIES	695,776	-	695,776	160,125	535,651
SAFE HAVEN FACILITY	1,205,000	-	1,205,000	1,205,000	-
TEEN CENTER	10,000	-	10,000	-	10,000
Subtotal	\$ 1,920,776	\$ -	\$ 1,920,776	\$ 1,365,125	\$ 555,651
Renovation & Reconstruction of Other City Facilities					
405 CAMERON STREET	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
ADA ACCESSIBILITY	186,926	-	186,926	-	186,926
CITY VISITOR CENTER	259,000	-	259,000	259,000	-
ENERGY CONSERVATION PROGRAM	1,323,981	-	1,323,981	224,350	1,099,631
ELEVATOR REFURBISHMENT/REPLACEMENT	950,000	-	950,000	-	950,000
EMERGENCY GENERATORS	565,000	-	565,000	485,000	80,000
ENVIRONMENTAL COMPLIANCE	100,000	-	100,000	-	100,000
GENERAL SERVICES CFMP	4,520,205	-	4,520,205	235,000	4,285,205
MARKET SQUARE RENOVATIONS	300,000	-	300,000	-	300,000
PAYNE STREET RECORDS CENTER	35,000	-	35,000	35,000	-
SPACE MANAGEMENT PROGRAM	200,000	-	200,000	-	200,000
KING/BEAUREGARD OFFICE COMPLEX	1,000,000	-	1,000,000	-	1,000,000
UNION STATION	10,000	-	10,000	-	10,000
Subtotal	\$ 9,460,112	\$ -	\$ 9,460,112	\$ 1,238,350	\$ 8,221,762
PUBLIC BUILDINGS TOTAL	\$ 127,319,334	\$ 2,176,198	\$ 125,143,136	\$ 8,926,179	\$ 116,216,957

¹ Unallocated balances updated April 2008

Summary Expenditure Tables

	TOTAL COST	STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS	NET CITY COST	CITY UNALLOCATED BALANCE ¹	REMAINING CITY COST
<u>PUBLIC TRANSPORTATION & TRAFFIC CONTROL</u>					
Public Transportation					
ATC BUS REPLACEMENT/EXPANSION	\$ 16,110,000	\$ 16,110,000	\$ -	\$ -	\$ -
ALEXANDRIA TRANSIT SERVICE IMPROVEMENTS	1,237,500	990,000	247,500	247,500	-
DASH BUS FACILITY	1,230,112	558,450	671,662	-	671,662
BUS SHELTERS	845,855	500,000	345,855	230,000	115,855
ADA ACCESS	58,819	-	58,819	10,000	48,819
METRO BUS/RAIL CAPITAL	47,443,386	-	47,443,386	1,771,386	45,672,000
POTOMAC YARD BRT	8,500,000	-	8,500,000	-	8,500,000
PUBLIC TRANSPORTATION PROJECT TBD	2,800,000	-	2,800,000	-	2,800,000
CONTINGENT FOR POTOMAC YARD METRO	500,000	-	500,000	-	500,000
SAFETEA-LU TRANSPORTATION PROJECTS	10,610,113	10,610,113	-	-	-
Subtotal	\$ 89,335,785	\$ 28,768,563	\$ 60,567,222	\$ 2,258,886	\$ 58,308,336
Traffic Signal Maint. & Traffic Control Computer					
SIGNAL OPTIMIZATION	\$ 193,000	\$ 193,000	\$ -	\$ -	\$ -
SCHOOL FLASHING SIGNALS	45,000	-	45,000	45,000	-
DUKE STREET TRAFFIC SIGNALS	10,000	-	10,000	-	10,000
FIXED EQUIPMENT REPLACEMENT/SIGNS& SIGNAL	7,320,706	-	7,320,706	1,250,000	6,070,706
TRAFFIC CONTROL COMPUTER	5,000,000	3,000,000	2,000,000	500,000	1,500,000
Subtotal	\$ 12,568,706	\$ 3,193,000	\$ 9,375,706	\$ 1,795,000	\$ 7,580,706
PUBLIC TRANS. & TRAFFIC CONTROL TOTAL	\$ 101,904,491	\$ 31,961,563	\$ 69,942,928	\$ 4,053,886	\$ 65,889,042

¹ Unallocated balances updated April 2008

Summary Expenditure Tables

	TOTAL COST	STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS	NET CITY COST	CITY UNALLOCATED BALANCE ¹	REMAINING CITY COST	
<u>STREET, BRIDGE, & PEDESTRIAN IMPROVEMENTS</u>						
Bridge Repairs & Maintenance						
BRIDGE REPAIRS	\$ 3,812,325	\$ -	\$ 3,812,325	\$ -	\$ 3,812,325	
POTOMAC YARD & BRIDGE IMPROVEMENTS	372,000	-	372,000	372,000	-	
MONROE AVE. BRIDGE PEDESTRIAN ACCESS	700,000	-	700,000	700,000	-	
WILKES STREET TUNNEL	10,000	-	10,000	-	10,000	
Subtotal	\$ 4,894,325	\$ -	\$ 4,894,325	\$ 1,072,000	\$ 3,822,325	
Pedestrian Improvements						
KING ST. METRO NORTH ENTRANCE	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000	
KING ST. METRO PLATFORM EXTENSION	10,000	-	10,000	-	10,000	
KING ST. METRO SIDEWALKS	72,135	-	72,135	72,135	-	
OTHER KING ST. METRO AREA IMPROVEMENTS	101,953	-	101,953	101,953	-	
UNION STATION PEDESTRIAN IMPROVEMENTS	10,000	-	10,000	-	10,000	
DUKE STREET FLYOVER	10,000	-	10,000	-	10,000	
SIDEWALK, CURB, & GUTTER	766,702	-	766,702	-	766,702	
SAFE ROUTES TO SCHOOL	642,047	492,047	150,000	-	150,000	
TRANSIT FACILITIES PEDESTRIAN IMPROVEMENTS	10,000	-	10,000	-	10,000	
Subtotal	\$ 1,632,837	\$ 492,047	\$ 1,140,790	\$ 174,088	\$ 966,702	
Street Improvements						
BRADDOCK RD. IMPROVEMENTS	\$ 200,000	\$ -	\$ 200,000	\$ 200,000	\$ -	
EDSALL ROAD	1,700,000	1,000,000	700,000	-	700,000	
EISENHOWER AVE. WIDENING	16,740,200	16,630,200	110,000	110,000	-	
KING & BEAUREGARD IMPROVEMENTS	9,779,262	9,347,000	432,262	336,240	96,022	
KING ST. AT BRADLEE SHOPPING CENTER	50,000	-	50,000	-	50,000	
KING ST./QUAKER LN./BRADDOCK RD.	598,000	448,000	150,000	150,000	-	
MADISON & MONTGOMERY	2,400,000	1,000,000	1,400,000	-	1,400,000	
MILL RD. REALIGNMENT	2,868,000	2,768,000	100,000	100,000	-	
SLATER'S LANE	756,650	456,650	300,000	300,000	-	
STREET RECONSTRUCTIONS	2,053,732	-	2,053,732	638,524	1,415,208	
TRAFFIC CALMING	3,444,130	-	3,444,130	500,000	2,944,130	
ALLEY REHABILITATION	2,437,603	-	2,437,603	295,000	2,142,603	
MT. VERNON PUBLIC ALLEY	10,000	-	10,000	-	10,000	
MISCELLANEOUS UNDERGROUNDING	287,391	-	287,391	-	287,391	
OLD TOWN UNDERGROUNDING	-	-	-	-	-	
STREET LIGHTING	339,500	-	339,500	-	339,500	
PED. & BIKE SAFETY ENHANCEMENTS	714,202	-	714,202	-	714,202	
KING STREET PAVING	-	-	-	-	-	
WASHINGTON STREET PAVING	1,800,000	1,000,000	800,000	-	800,000	
STREET RECONSTRUCTIONS TBD	3,000,000	3,000,000	-	-	-	
Subtotal	\$ 49,178,670	\$ 35,649,850	\$ 13,528,820	\$ 2,629,764	\$ 10,899,056	
STREET, BRIDGE, & PED. IMPROVEMENTS TOTAL	\$ 55,705,832	\$ 36,141,897	\$ 19,563,935	\$ 3,875,852	\$ 15,688,083	

¹ Unallocated balances updated April 2008

Summary Expenditure Tables

	TOTAL COST	STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS	NET CITY COST	CITY UNALLOCATED BALANCE ¹	REMAINING CITY COST
SEWERS					
Sanitary Sewers					
CORRECTION OF INFILTRATION/INFLOW	\$ 1,000,000	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
HOOF'S RUN SANITARY SEWER	690,000	-	690,000	-	690,000
HOLMES RUN TRUNK SEWER	7,037,000	-	7,037,000	7,037,000	-
MITIGATION OF CSO's	3,435,691	-	3,435,691	1,650,190	1,785,501
RECONSTRUCTION AND EXTENSIONS	6,856,447	-	6,856,447	-	6,856,447
ROYAL STREET RELIEF SEWER	10,000	-	10,000	-	10,000
SANITARY SEWER PROJECTS TBD	3,147,641	-	3,147,641	-	3,147,641
SANITARY SEWER CAPACITY STUDY	1,197,950	-	1,197,950	-	1,197,950
SEWER SEPARATION PROJECTS	3,400,957	-	3,400,957	-	3,400,957
SEWER MAP UPDATE	10,000	-	10,000	-	10,000
HOLMES RUN INFILTRATION AND INFLOW	17,760,942	-	17,760,942	500,000	17,260,942
STREET RECON. DUE TO SANITARY SEWERS	2,499,703	-	2,499,703	-	2,499,703
Subtotal	\$ 47,046,331	\$ -	\$ 47,046,331	\$ 9,187,190	\$ 37,859,141
Storm Sewers					
MISCELLANEOUS STORM SEWER REPAIRS	\$ 1,809,328	\$ -	\$ 1,809,328	\$ 359,500	\$ 1,449,828
KEY DRIVE FLOOD MITIGATION	10,000	-	10,000	-	10,000
TAYLOR RUN AT JANNEY'S LANE	500,000	-	500,000	500,000	-
NPDES	175,000	-	175,000	175,000	-
ORONOCO OUTFALL	2,127,670	617,670	1,510,000	1,510,000	-
STORM AND COMBINED SYSTEM ASSESSMENT	3,500,000	-	3,500,000	600,000	2,900,000
BRADDOCK AND WEST STORM SEWER	200,000	-	200,000	-	200,000
STORM SEWER CAPACITY ANALYSIS	1,614,375	-	1,614,375	-	1,614,375
Subtotal	\$ 9,936,373	\$ 617,670	\$ 9,318,703	\$ 3,144,500	\$ 6,174,203
SEWERS TOTAL	\$ 56,982,704	\$ 617,670	\$ 56,365,034	\$ 12,331,690	\$ 44,033,344
OTHER REGIONAL CONTRIBUTIONS					
Regional Contributions					
NORTHERN VA. COMMUNITY COLLEGE	\$ 794,058	\$ -	\$ 794,058	\$ -	\$ 794,058
NORTHERN VA. REGIONAL PARK AUTHORITY	2,112,138	-	2,112,138	-	2,112,138
NORTHERN VA. JUVENILE DETENTION HOME	10,000	-	10,000	-	10,000
PEUMANSEND REGIONAL JAIL	790,085	-	790,085	-	790,085
OTHER REGIONAL CONTRIBUTIONS TOTAL	\$ 3,706,281	\$ -	\$ 3,706,281	\$ -	\$ 3,706,281
INFORMATION TECHNOLOGY PLAN					
IT Plan					
CONNECTIVITY PROJECTS	\$ 12,193,750	\$ 5,182,125	\$ 7,011,625	\$ 1,304,500	\$ 5,707,125
SYSTEMS DEVELOPMENT	16,678,765	-	16,678,765	2,740,810	13,937,955
INFORMATION TECHNOLOGY PLAN TOTAL	\$ 28,872,515	\$ 5,182,125	\$ 23,690,390	\$ 4,045,310	\$ 19,645,080
TOTAL CITY SHARE	\$ 548,446,166	\$ 103,197,922	\$ 445,248,244	\$ 48,382,787	\$ 396,865,457
LESS SCHOOLS	\$ 65,531,869	\$ -	\$ 65,531,869	\$ 210,965	\$ 65,320,904
TOTAL CITY SHARE LESS SCHOOLS	\$ 482,914,297	\$ 103,197,922	\$ 379,716,375	\$ 48,171,822	\$ 331,544,553

¹ Unallocated balances updated January 2008

Summary Expenditure Tables

Table 4. SUMMARY									
<i>FUNDED</i> Capital Improvement Program Project Detail									
FY 2009 - FY 2014									
All Funds Plan by Program Year									
	UNALLOCATED								
	PRIOR YEAR ¹		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
SCHOOLS									
SCHOOL FACILITIES	\$	210,965	\$ 19,879,886	\$ 5,466,739	\$ 3,085,859	\$ 13,840,814	\$ 14,924,771	\$ 8,122,835	\$ 65,320,904
SCHOOLS TOTAL	\$	210,965	\$ 19,879,886	\$ 5,466,739	\$ 3,085,859	\$ 13,840,814	\$ 14,924,771	\$ 8,122,835	\$ 65,320,904
COMMUNITY DEVELOPMENT									
Citywide Amenities									
COORDINATED SIGN & WAYFINDING SYSTEM	\$	50,000	-	TBD	TBD	TBD	TBD	TBD	-
RESIDENTIAL SIGN PROGRAM		24,000	-	-	-	36,000	36,000	TBD	72,000
MISC. STREET CANS/LIGHTING		300,000	-	-	-	-	-	-	-
STREET CANS		-	-	-	-	-	-	10,000	10,000
Subtotal	\$	374,000	\$ -	\$ -	\$ -	\$ 36,000	\$ 36,000	\$ 10,000	\$ 82,000
Neighborhood Planning									
DOWNTOWN TRANSPORTATION/PARKING	\$	-	-	-	-	-	-	10,000	10,000
M.T. VERNON AVE. IMPROVEMENTS		-	-	-	-	-	-	10,000	10,000
M.T. VERNON AVE. LIGHTING		-	10,000	-	-	-	-	-	10,000
ROUTE 1 BEAUTIFICATION		20,000	-	-	-	-	-	-	-
REDEVELOPMENT OF ARLANDRIA		500,000	-	-	-	-	-	-	-
STREETSCAPE IMPROVEMENTS		-	100,000	-	-	100,000	100,000	-	300,000
LANDMARK MALL		-	-	-	-	-	-	10,000	10,000
Subtotal	\$	520,000	\$ 110,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 30,000	\$ 340,000
Potomac Waterfront Improvements									
CITY MARINA WATERFRONT DREDGING	\$	-	-	-	-	-	100,000	3,000,000	3,100,000
LOWER KING ST. FLOOD MITIGATION		-	-	TBD	TBD	TBD	TBD	10,000	10,000
MUNICIPAL WATERFRONT IMPROVEMENTS		-	-	-	-	-	-	10,000	10,000
Subtotal	\$	-	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 3,020,000	\$ 3,120,000
Stream & Channel Maintenance									
CHANNEL RESTORATION	\$	450,000	\$ 472,500	\$ 496,125	\$ 520,931	\$ 243,100	\$ 255,260	\$ 268,000	\$ 2,255,916
ENVIRONMENTAL RESTORATION		385,000	78,750	110,250	-	121,551	-	134,010	444,561
FOUR MILE RUN WATERSHED IMPROVEMENTS		1,226,819	-	-	-	-	-	-	-
FOUR MILE RUN PARK/STREAM RESTORATION		1,350,000	636,364	200,000	200,000	TBD	TBD	TBD	1,036,364
FOUR MILE RUN MAINTENANCE		500,000	200,000	200,000	100,000	-	-	-	500,000
STREAM & CHANNEL MAINTENANCE		525,000	551,250	330,750	347,288	364,652	382,884	402,029	2,378,853
FLOOD OF 2006 RESTORATION		-	661,500	694,576	729,303	765,769	804,058	-	3,655,206
Subtotal	\$	4,436,819	\$ 2,600,364	\$ 2,031,701	\$ 1,897,522	\$ 1,495,072	\$ 1,442,202	\$ 804,039	\$ 10,270,900
Woodrow Wilson Bridge Project									
WOODROW WILSON BRIDGE PROJECT	\$	15,624,669	\$ 4,689,000	-	-	-	-	-	4,689,000
Subtotal		15,624,669	4,689,000	0	0	0	0	0	4,689,000
COMMUNITY DEVELOPMENT TOTAL	\$	20,955,488	\$ 7,399,364	\$ 2,031,701	\$ 1,897,522	\$ 1,631,072	\$ 1,678,202	\$ 3,864,039	\$ 18,501,900

¹ Unallocated balances updated in April 2008 (includes state and federal unallocated funds)

² Total does not include Unallocated Prior Year

Summary Expenditure Tables

Table 4. SUMMARY FUNDED Capital Improvement Program Project Detail FY 2009 - FY 2014								
All Funds Plan by Program Year								
	UNALLOCATED PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
RECREATION AND PARKS								
Renovated or Expanded Recreation Facilities								
ALL-CITY SPORTS FACILITY	\$ 800,000	\$ -	\$ 6,790,000	\$ 2,910,000	\$ -	\$ -	\$ -	\$ 10,300,000
RECREATION PROJECTS TBD	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
CHARLES HOUSTON REC CENTER	-	-	-	-	-	-	10,000	10,000
CHARLES HOUSTON UNDERGROUNDING	-	-	-	-	-	-	10,000	10,000
CHINQUAPIN PARK & REC CENTER	100,000	-	-	-	850,000	10,000,000	9,300,000	20,150,000
PATRICK HENRY REC CENTER	500,000	-	-	-	-	-	-	10,000
Subtotal	\$ 1,400,000	\$ 600,000	\$ 6,790,000	\$ 2,910,000	\$ 850,000	\$ 10,000,000	\$ 9,320,000	\$ 31,080,000
Recreation Facilities Improvements								
FACILITIES RENOVATIONS	\$ -	\$ 500,000	\$ 370,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,870,000
LEE CENTER	25,000	-	-	-	-	-	-	-
NEEDS ASSESSMENT	-	-	-	-	-	-	10,000	10,000
PUBLIC POOLS	-	49,613	52,093	54,698	57,433	60,304	63,319	337,459
MARINA	-	49,613	52,093	54,698	57,433	60,304	63,319	337,459
WARWICK POOL	-	-	-	-	-	-	10,000	10,000
Subtotal	\$ 25,000	\$ 599,225	\$ 474,186	\$ 609,395	\$ 614,865	\$ 620,608	\$ 646,638	\$ 3,564,917
Open Space Acquisition & Development								
OPEN SPACE ACQUISITION & DEVELOPMENT	\$ 8,091,536	\$ 2,039,525	\$ 2,054,545	\$ 2,156,530	\$ 2,353,815	\$ 2,561,739	\$ 2,778,391	\$ 13,944,545
Subtotal	\$ 8,091,536	\$ 2,039,525	\$ 2,054,545	\$ 2,156,530	\$ 2,353,815	\$ 2,561,739	\$ 2,778,391	\$ 13,944,545
Park Improvements								
ADA REQUIREMENTS	\$ 25,000	\$ 27,563	\$ 28,941	\$ -	\$ 31,907	\$ 33,503	\$ 35,178	\$ 157,092
ATHLETIC FIELD IMPROVEMENTS	50,000	892,500	937,125	-	783,180	834,839	876,581	4,324,225
COMMUNITY RUNNING TRACK	-	-	-	-	-	-	10,000	10,000
MIRACLE FIELD	-	-	-	-	-	-	10,000	10,000
BALL COURT RENOVATIONS	-	137,813	578,813	151,938	159,535	167,512	175,888	1,371,499
BOOTHE COURT	-	-	-	-	-	-	10,000	10,000
BIKE TRAILS	84,850	84,892	-	93,593	98,273	103,187	108,346	488,291
CAMERON STATION	25,000	-	-	-	-	-	-	-
DRAINAGE IMPROVEMENTS	-	-	-	-	-	-	10,000	10,000
FORT WARD PARK	8,000	27,563	-	30,387	31,907	33,502	35,177	158,536
IRRIGATION	-	329,250	-	-	127,628	134,000	140,700	731,578
LANDSCAPING OF PUBLIC SITES	-	107,494	112,869	118,512	124,438	130,660	137,193	731,164
TREES	-	107,494	112,869	118,512	124,438	130,660	137,193	731,164
PARK AND PLAYGROUND RENOVATIONS	-	176,400	185,220	194,481	204,205	214,415	225,135	1,199,856
SKATE PARK	-	-	-	-	-	-	10,000	10,000
WINDMILL HILL PARK	1,323,500	-	-	-	-	-	-	-
TIMBERBRANCH PARK	-	-	-	-	-	-	10,000	10,000
Subtotal	\$ 1,516,350	\$ 1,890,969	\$ 1,955,836	\$ 707,423	\$ 1,685,510	\$ 1,782,277	\$ 1,931,390	\$ 9,953,405
RECREATION & PARKS TOTAL								
	\$ 11,032,886	\$ 5,129,719	\$ 11,274,567	\$ 6,383,348	\$ 5,504,190	\$ 14,964,624	\$ 14,676,419	\$ 57,932,867

¹ Unallocated balances updated in April 2008 (includes state and federal unallocated funds)

² Total does not include Unallocated Prior Year

Summary Expenditure Tables

Table 4. SUMMARY								
FUNDED Capital Improvement Program Project Detail								
FY 2009 - FY 2014								
All Funds Plan by Program Year								
UNALLOCATED	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
PUBLIC BUILDINGS								
Libraries								
LIBRARY CAPITAL ITEMS	\$ 215,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 215,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Preservation of Historic Facilities								
FORT WARD HISTORIC AREA	\$ -	\$ 72,260	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 132,260
FRIENDSHIP FIREHOUSE	-	-	-	-	-	-	10,000	10,000
GADSBY'S TAVERN	-	107,576	-	-	-	-	-	107,576
THE LYCEUM	-	-	-	-	-	-	10,000	10,000
CITY HISTORIC FACILITIES CFMP	-	370,000	388,500	407,925	428,321	449,737	-	2,044,484
APOTHECARY MUSEUM (SLAM)	-	-	-	-	-	-	10,000	10,000
TORPEDO FACTORY REPAIRS	-	-	-	-	-	-	10,000	10,000
Subtotal	\$ -	\$ 549,836	\$ 400,500	\$ 419,925	\$ 440,321	\$ 461,737	\$ 52,000	\$ 2,324,320
Public Safety Facilities								
NEW POLICE FACILITY	\$ 3,705,820	\$ 3,000,000	\$ 26,978,000	\$ 37,110,200	\$ 9,000,000	\$ -	\$ -	\$ 76,088,200
BUSINESS CENTER DRIVE/GOVT CENTER	-	-	-	-	-	-	10,000	10,000
DETENTION CENTER (JAIL)	-	-	-	-	-	-	10,000	10,000
COURTHOUSE GARAGE	12,336	-	-	-	-	-	-	-
CONTINUITY OF OPERATIONS	-	300,000	300,000	-	-	-	-	600,000
FIRE STATION CFMP	236,250	198,063	260,466	273,489	287,163	301,522	316,598	1,637,301
FIRE STATION 203 EXPANSION	-	-	-	-	520,000	1,950,000	7,450,000	9,920,000
NEW FIRE STATION - FS 209 POTOMAC YARD	-	-	-	-	-	-	10,000	10,000
NEW FIRE STATION - FS 210 EISEN. VALLEY	1,950,000	-	800,000	7,200,000	1,340,000	-	-	9,340,000
BURN BUILDING	-	450,000	-	-	-	-	-	450,000
EMERGENCY OPERATIONS CENTER (EOC)	75,000	-	-	-	-	-	-	-
SHERIFF CFMP	-	436,937	447,962	459,538	471,693	484,456	497,857	2,798,443
PUBLIC SAFETY CENTER SLAB	-	3,000,000	1,500,000	1,000,000	-	-	-	5,500,000
PISTOL RANGE	-	740,000	-	-	-	-	-	740,000
OLD ANIMAL SHELTER RE-USE	128,298	-	-	-	-	-	-	-
VOLA LAWSON ANIMAL SHELTER	-	27,563	28,941	30,388	31,907	33,502	35,177	187,478
Subtotal	\$ 6,107,704	\$ 8,152,563	\$ 30,315,369	\$ 46,073,615	\$ 11,650,763	\$ 2,769,480	\$ 8,329,632	\$ 107,291,422
Public Health & Welfare Facilities								
FLORA KRAUSE CASEY CENTER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
MENTAL HEALTH RESIDENTIAL FACILITIES	160,125	78,750	82,688	86,822	91,163	95,721	100,507	535,651
SAFE HAVEN FACILITY	1,205,000	-	-	-	-	-	-	-
TEEN CENTER	-	-	-	-	-	-	10,000	10,000
Subtotal	\$ 1,365,125	\$ 78,750	\$ 82,688	\$ 86,822	\$ 91,163	\$ 95,721	\$ 120,507	\$ 555,651

¹ Unallocated balances updated in April 2008 (includes state and federal unallocated funds)

² Total does not include Unallocated Prior Year

Summary Expenditure Tables

Table 4. SUMMARY
FUNDED Capital Improvement Program Project Detail
FY 2009 - FY 2014

All Funds Plan by Program Year								
UNALLOCATED PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²	
<u>PUBLIC BUILDINGS, continued</u>								
Renovation & Reconstruction of Other City Facilities								
405 CAMERON STREET	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000
ADA ACCESSIBILITY	-	25,588	20,517	-	44,670	46,903	49,248	186,926
CITY VISITOR CENTER	259,000	-	-	-	-	-	-	-
ENERGY CONSERVATION PROGRAM	224,350	192,938	202,584	-	223,349	234,517	246,243	1,099,631
ELEVATOR REFURBISHMENT/REPLACEMENT	-	-	725,000	225,000	-	-	-	950,000
ENVIRONMENTAL COMPLIANCE	-	100,000	-	-	-	-	-	100,000
EMERGENCY GENERATORS	485,000	80,000	-	-	-	-	-	80,000
GENERAL SERVICES CFMP	235,000	630,000	661,500	694,575	729,304	765,769	804,057	4,285,205
MARKET SQUARE RENOVATIONS	-	-	-	-	300,000	-	-	300,000
PAYNE STREET RECORDS CENTER	35,000	-	-	-	-	-	-	-
SPACE MANAGEMENT PROGRAM	-	100,000	100,000	-	-	-	-	200,000
KING/BEAUREGARD OFFICE COMPLEX	-	-	-	500,000	500,000	-	-	1,000,000
UNION STATION	-	-	-	-	-	-	10,000	10,000
Subtotal	\$ 1,238,350	\$ 1,128,526	\$ 1,709,601	\$ 1,419,575	\$ 1,797,323	\$ 1,047,189	\$ 1,119,548	\$ 8,221,762
PUBLIC BUILDINGS TOTAL	\$ 8,926,179	\$ 9,909,675	\$ 32,508,158	\$ 47,999,937	\$ 13,979,570	\$ 4,374,127	\$ 9,621,687	\$ 118,393,155
<u>PUBLIC TRANSPORTATION & TRAFFIC CONTROL</u>								
Public Transportation								
DASH CAPITAL REQUEST	\$ -	\$ 2,685,000	\$ 2,685,000	\$ 2,685,000	\$ 2,685,000	\$ 2,685,000	\$ 2,685,000	\$ 16,110,000
ALEX. TRANSIT SERVICE IMPROVEMENTS	1,237,500	-	-	-	-	-	-	-
DASH BUS FACILITY	-	1,230,112	-	-	-	-	-	1,230,112
BUS SHELTERS	730,000	-	-	-	36,750	38,588	40,517	115,855
ADA ACCESS	10,000	10,500	-	-	12,155	12,763	13,401	48,819
METRO BUS/RAIL CAPITAL	1,771,386	8,057,000	8,915,000	11,147,000	11,281,000	4,172,000	2,100,000	45,672,000
POTOMAC YARD BRT	-	8,500,000	-	-	-	-	-	8,500,000
PUBLIC TRANSPORTATION PROJECTS TBD	-	-	-	700,000	700,000	700,000	700,000	2,800,000
CONTINGENT FOR POTOMAC YARD METRO	-	500,000	-	-	-	-	-	500,000
SAFETEA-LU TRANSPORTATION PROJECTS	7,707,413	2,902,700	-	-	-	-	-	2,902,700
Subtotal	\$ 11,456,299	\$ 23,885,312	\$ 11,600,000	\$ 14,532,000	\$ 14,714,905	\$ 7,608,351	\$ 5,538,918	\$ 77,879,486
Traffic Signal Maint. & Traffic Control Computer								
SIGNAL OPTIMIZATION	\$ 193,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SCHOOL FLASHING SIGNALS	45,000	-	-	-	-	-	-	-
DUKE STREET TRAFFIC SIGNALS	-	-	-	-	-	-	10,000	10,000
FIXED EQUIP. REPLACEMENT/SIGNS& SIGNALS	1,250,000	892,500	937,125	983,981	1,033,180	1,084,839	1,139,081	6,070,706
TRAFFIC CONTROL COMPUTER	3,500,000	-	-	-	750,000	750,000	-	1,500,000
Subtotal	\$ 4,988,000	\$ 892,500	\$ 937,125	\$ 983,981	\$ 1,783,180	\$ 1,834,839	\$ 1,149,081	\$ 7,580,706
PUB. TRANS/TRAFFIC CONTROL TOTAL	\$ 16,444,299	\$ 24,777,812	\$ 12,537,125	\$ 15,515,981	\$ 16,498,085	\$ 9,443,190	\$ 6,687,999	\$ 85,460,192

¹ Unallocated balances updated in April 2008 (includes state and federal unallocated funds)

² Total does not include Unallocated Prior Year

Summary Expenditure Tables

Table 4. SUMMARY								
FUNDED Capital Improvement Program Project Detail								
FY 2009 - FY 2014								
All Funds Plan by Program Year								
UNALLOCATED PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²	
<u>STREET, BRIDGE, & PEDESTRIAN IMPROVEMENTS</u>								
Bridge Repairs & Maintenance								
BRIDGE REPAIRS	\$ -	\$ 1,010,000	\$ 507,150	\$ 532,508	\$ 559,133	\$ 587,090	\$ 616,444	\$ 3,812,325
POTOMAC YARD & BRIDGE IMPROVEMENTS	372,000	-	-	-	-	-	-	-
MONROE AVE. BRIDGE PEDESTRIAN ACCESS	700,000	-	-	-	-	-	-	-
WILKES STREET TUNNEL	-	-	-	-	-	-	10,000	10,000
Subtotal	\$ 1,072,000	\$ 1,010,000	\$ 507,150	\$ 532,508	\$ 559,133	\$ 587,090	\$ 626,444	\$ 3,822,325
Pedestrian Improvements								
KING ST. METRO NORTH ENTRANCE	-	-	-	-	-	-	10,000	10,000
KING ST. METRO PLATFORM EXTENSION	-	-	-	-	-	-	10,000	10,000
KING ST. METRO SIDEWALKS	72,135	-	-	-	-	-	-	-
OTHER KING ST. METRO AREA IMPROVEMENTS	101,953	-	-	-	-	-	-	-
UNION STATION PEDESTRIAN IMPROVEMENTS	-	-	-	-	-	-	10,000	10,000
DUKE STREET FLYOVER	-	-	-	-	-	-	10,000	10,000
SIDEWALK, CURB, & GUTTER	-	157,500	110,250	115,763	121,551	127,628	134,010	766,702
SAFE ROUTES TO SCHOOL	297,000	195,047	-	-	50,000	50,000	50,000	345,047
TRANSIT FACILITIES PED. IMPROVEMENTS	-	-	-	-	-	-	10,000	10,000
Subtotal	\$ 471,088	\$ 352,547	\$ 110,250	\$ 115,763	\$ 171,551	\$ 177,628	\$ 234,010	\$ 1,161,749
Street Improvements								
BRADDOCK RD. IMPROVEMENTS	\$ 200,000	-	-	-	-	-	-	-
EDSALL ROAD	-	-	-	1,700,000	-	-	-	1,700,000
EISENHOWER AVE. WIDENING	6,185,000	10,555,200	-	-	-	-	-	10,555,200
KING & BEAUREGARD IMPROVEMENTS	4,589,240	5,190,022	-	-	-	-	-	5,190,022
KING ST. AT BRADLEE SHOPPING CENTER	-	-	-	-	50,000	-	-	50,000
KING ST./QUAKER LN./BRADDOCK RD.	598,000	-	-	-	-	-	-	-
MADISON & MONTGOMERY	-	700,000	1,700,000	-	-	-	-	2,400,000
MILL RD. SLIP RAMP & EXTENSION	2,475,000	371,000	22,000	-	-	-	-	393,000
SLATER'S LANE	756,650	-	-	-	-	-	-	-
STREET RECONSTRUCTIONS	638,524	472,500	385,875	173,644	121,551	127,628	134,010	1,415,208
TRAFFIC CALMING	500,000	645,000	-	-	729,303	765,769	804,058	2,944,130
ALLEY REHABILITATION	295,000	315,000	330,750	347,288	364,652	382,884	402,029	2,142,603
MT. VERNON PUBLIC ALLEY	-	-	-	-	-	-	10,000	10,000
MISCELLANEOUS UNDERGROUNDING	-	-	-	-	91,163	95,721	100,507	287,391
OLD TOWN UNDERGROUNDING	-	-	-	-	-	-	-	-
STREET LIGHTING	-	50,000	52,500	55,000	58,000	60,000	64,000	339,500
PED. & BIKE SAFETY ENHANCEMENTS	-	105,000	110,250	115,763	121,551	127,628	134,010	714,202
WASHINGTON STREET PAVING	-	1,800,000	-	-	-	-	-	1,800,000
KING STREET PAVING	-	-	-	-	-	-	-	-
STREET RECONSTRUCTIONS TBD	-	-	-	-	1,000,000	1,000,000	1,000,000	3,000,000
Subtotal	\$ 16,237,414	\$ 20,203,722	\$ 2,601,375	\$ 2,391,695	\$ 2,536,220	\$ 2,559,630	\$ 2,648,614	\$ 32,941,256
BRIDGE, & PED. IMPROVEMENTS TOTAL	\$ 17,780,502	\$ 21,566,269	\$ 3,218,775	\$ 3,039,966	\$ 3,266,904	\$ 3,324,348	\$ 3,509,068	\$ 37,925,330

¹ Unallocated balances updated in April 2008 (includes state and federal unallocated funds)

² Total does not include Unallocated Prior Year

Summary Expenditure Tables

Table 4. SUMMARY								
FUNDED Capital Improvement Program Project Detail								
FY 2009 - FY 2014								
All Funds Plan by Program Year								
	UNALLOCATED							
	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
SEWERS								
Sanitary Sewers								
CORRECTION OF INFILTRATION/INFLOW	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	1,000,000
HOOF'S RUN SANITARY SEWER	-	60,000	630,000	-	-	-	-	690,000
HOLMES RUN TRUNK SEWER	7,037,000	-	-	-	-	-	-	-
MITIGATION OF CSO's	1,650,190	262,500	275,625	289,406	303,876	319,070	335,024	1,785,501
RECONSTRUCTION AND EXTENSIONS	-	1,361,000	1,404,050	949,253	996,715	1,046,551	1,098,878	6,856,447
ROYAL STREET RELIEF SEWER	-	-	-	-	-	-	10,000	10,000
SANITARY SEWER PROJECTS TBD	-	-	194,804	-	1,571,463	-	1,381,374	3,147,641
SANITARY SEWER CAPACITY STUDY	-	380,000	399,000	418,950	-	-	-	1,197,950
SEWER SEPARATION PROJECTS	-	500,000	525,000	551,250	578,813	607,753	638,141	3,400,957
SEWER MAP UPDATE	-	-	-	-	-	-	10,000	10,000
STREET RECON. DUE TO SANITARY SEWERS	-	367,500	385,875	405,169	425,427	446,699	469,033	2,499,703
HOLMES RUN INILTRATION & INFLOW	500,000	700,000	735,000	6,771,750	810,338	7,350,854	893,000	17,260,942
Subtotal	\$ 9,187,190	\$ 4,631,000	\$ 4,549,354	\$ 9,385,778	\$ 4,686,632	\$ 9,770,927	\$ 4,835,450	\$ 37,859,141
Storm Sewers								
MISCELLANEOUS STORM SEWER REPAIRS	\$ 359,500	\$ 213,150	\$ 223,808	\$ 234,998	\$ 246,748	\$ 259,085	\$ 272,039	\$ 1,449,828
KEY DRIVE FLOOD MITIGATION	-	-	-	-	-	-	10,000	10,000
TAYLOR RUN AT JANNEY'S LANE	500,000	-	-	-	-	-	-	-
NPDES	175,000	-	-	-	-	-	-	-
ORONOCO OUTFALL	2,127,670	-	-	-	-	-	-	-
STORM AND COMBINED SYSTEM ASSESSMEN	600,000	-	200,000	-	900,000	900,000	900,000	2,900,000
BRADDOCK AND WEST STORM SEWER	-	200,000	-	-	-	-	-	200,000
STORM WATER CAPACITY ANALYSIS	-	787,500	826,875	-	-	-	-	1,614,375
Subtotal	\$ 3,762,170	\$ 1,200,650	\$ 1,250,683	\$ 234,998	\$ 1,146,748	\$ 1,159,085	\$ 1,182,039	\$ 6,174,203
SEWERS TOTAL	\$ 12,949,360	\$ 5,831,650	\$ 5,800,037	\$ 9,620,776	\$ 5,833,380	\$ 10,930,012	\$ 6,017,489	\$ 44,033,344
OTHER REGIONAL CONTRIBUTIONS								
Regional Contributions								
NORTHERN VA. COMMUNITY COLLEGE	\$ -	\$ 132,343	\$ 132,343	\$ 132,343	\$ 132,343	\$ 132,343	\$ 132,343	\$ 794,058
NORTHERN VA. REGIONAL PARK AUTHORITY	-	352,023	352,023	352,023	352,023	352,023	352,023	2,112,138
NORTHERN VA. JUVENILE DETENTION HOME	-	-	-	-	-	-	10,000	10,000
PEUMANSEND REGIONAL JAIL	-	146,502	141,368	136,272	129,212	121,266	115,465	790,085
HER REGIONAL CONTRIBUTIONS TOTAL	\$ -	\$ 630,868	\$ 625,734	\$ 620,638	\$ 613,578	\$ 605,632	\$ 609,831	\$ 3,706,281
INFORMATION TECHNOLOGY PLAN								
IT Plan								
CONNECTIVITY PROJECTS	\$ 1,304,500	\$ 1,632,125	\$ 1,452,125	\$ 2,070,000	\$ 2,125,000	\$ 2,130,000	\$ 1,480,000	\$ 10,889,250
SYSTEMS DEVELOPMENT	2,740,810	1,504,100	6,129,750	3,418,963	974,161	1,168,369	742,612	13,937,955
INFO. TECHNOLOGY PLAN TOTAL	\$ 4,045,310	\$ 3,136,225	\$ 7,581,875	\$ 5,488,963	\$ 3,099,161	\$ 3,298,369	\$ 2,222,612	\$ 24,827,205

¹ Unallocated balances updated in April 2008 (includes state and federal unallocated funds)

² Total does not include Unallocated Prior Year

Summary Expenditure Tables

Table 4. SUMMARY								
<i>FUNDED</i> Capital Improvement Program Project Detail								
FY 2009 - FY 2014								
All Funds Plan by Program Year								
	UNALLOCATED							
	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
TOTAL ALL FUNDS CIP	\$ 92,344,989	\$ 98,261,468	\$ 81,044,711	\$ 93,652,990	\$ 64,266,755	\$ 63,543,275	\$ 55,331,979	\$ 456,101,177
LESS SCHOOLS	\$ 210,965	\$ 19,879,886	\$ 5,466,739	\$ 3,085,859	\$ 13,840,814	\$ 14,924,771	\$ 8,122,835	\$ 65,320,904
TOTAL CITY SHARE LESS SCHOOLS	\$ 92,134,024	\$ 78,381,582	\$ 75,577,972	\$ 90,567,131	\$ 50,425,941	\$ 48,618,504	\$ 47,209,144	\$ 390,780,273

¹ Unallocated balances updated in April 2008 (includes state and federal unallocated funds)

² Total does not include Unallocated Prior Year

Summary Expenditure Tables

Table 5. SUMMARY								
Detail of <i>UNFUNDED</i> Capital Improvement Projects								
FY 2009 - FY 2014								
City Share by Program Year								
UNALLOCATED	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
SCHOOLS								
SCHOOL FACILITIES	\$ -	\$ 1,852,430	\$ 13,746,396	\$ 10,799,778	\$ -	\$ -	\$ -	\$ 26,398,604
SCHOOLS TOTAL	\$ -	\$ 1,852,430	\$ 13,746,396	\$ 10,799,778	\$ -	\$ -	\$ -	\$ 26,398,604
COMMUNITY DEVELOPMENT								
Citywide Amenities								
COORDINATED SIGN & WAYFINDING SYSTEM	\$ -	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
RESIDENTIAL SIGN PROGRAM	-	120,000	60,000	60,000	-	-	-	240,000
MISC. STREET CANS/LIGHTING	-	-	-	-	-	-	-	-
STREET CANS	-	-	-	-	-	-	-	-
Subtotal	\$ -	\$ 120,000	\$ 2,260,000	\$ 60,000	\$ -	\$ -	\$ -	\$ 2,440,000
Neighborhood Planning								
DOWNTOWN TRANSPORTATION/PARKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT. VERNON AVE. IMPROVEMENTS	-	-	-	-	-	-	-	-
MT. VERNON AVE. LIGHTING	-	10,000	10,000	-	-	-	-	20,000
ROUTE 1 BEAUTIFICATION	-	-	-	-	-	-	-	-
REDEVELOPMENT OF ARLANDRIA	-	-	-	-	-	-	-	-
STREETSCAPE IMPROVEMENTS	-	100,000	100,000	100,000	-	-	-	300,000
LANDMARK MALL	-	TBD	TBD	TBD	TBD	TBD	-	-
Subtotal	\$ -	\$ 110,000	\$ 110,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 320,000
Potomac Waterfront Improvements								
CITY MARINA WATERFRONT DREDGING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LOWER KING ST. FLOOD MITIGATION	-	-	TBD	TBD	TBD	TBD	-	-
MUNICIPAL WATERFRONT IMPROVEMENTS	-	TBD	TBD	TBD	TBD	TBD	-	-
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stream & Channel Maintenance								
CHANNEL RESTORATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ENVIRONMENTAL RESTORATION	-	-	-	-	-	-	-	-
FOUR MILE RUN FORCE MAIN	-	-	-	-	-	-	-	-
FOUR MILE RUN PARK/STREAM RESTORATION	-	-	-	-	TBD	TBD	TBD	-
FOUR MILE RUN MAINTENANCE	-	-	-	-	-	-	-	-
STREAM & CHANNEL MAINTENANCE	-	-	-	-	-	-	-	-
FLOOD OF 2006 RESTORATION	-	-	-	-	-	-	-	-
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Woodrow Wilson Bridge Project								
WOODROW WILSON BRIDGE PROJECT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	0	0	0	0	0	0	0	0
COMMUNITY DEVELOPMENT TOTAL	\$ -	\$ 230,000	\$ 2,370,000	\$ 160,000	\$ -	\$ -	\$ -	\$ 2,760,000

Summary Expenditure Tables

Table 5. SUMMARY								
Detail of <i>UNFUNDED</i> Capital Improvement Projects								
FY 2009 - FY 2014								
City Share by Program Year								
UNALLOCATED	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
RECREATION AND PARKS								
Renovated or Expanded Recreation Facilities								
ALL-CITY SPORTS FACILITY	\$	-	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000
CHARLES HOUSTON REC CENTER	-	-	-	-	-	-	-	-
CHARLES HOUSTON UNDERGROUNDING	-	-	-	-	-	-	-	-
CHINQUAPIN PARK & REC CENTER	-	-	-	-	-	-	-	-
PATRICK HENRY REC CENTER	-	200,000	2,400,000	2,500,000	-	-	-	5,100,000
Subtotal	\$	-	\$ 460,000	\$ 2,400,000	\$ 2,500,000	\$ -	\$ -	\$ 5,360,000
Recreation Facilities Improvements								
FACILITIES RENOVATIONS	\$	-	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ 130,000
LEE CENTER	-	-	-	-	-	-	-	-
NEEDS ASSESSMENT	-	-	300,000	-	-	-	-	300,000
PUBLIC POOLS	-	-	-	-	-	-	-	-
MARINA	-	-	-	-	-	-	-	-
WARWICK POOL	-	-	-	TBD	TBD	-	-	-
Subtotal	\$	-	\$ 430,000	\$ -	\$ -	\$ -	\$ -	\$ 430,000
Open Space Acquisition & Development								
OPEN SPACE ACQUISITION & DEVELOPMENT	\$	-	-	-	-	-	-	-
Subtotal	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Park Improvements								
ADA REQUIREMENTS	\$	-	-	\$ 30,388	\$ -	\$ -	\$ -	\$ 30,388
ATHLETIC FIELD IMPROVEMENTS	-	-	-	983,981	-	-	-	983,981
MIRACLE FIELD	-	250,000	-	-	-	-	-	250,000
BALL COURT RENOVATIONS	-	-	-	-	-	-	-	-
BOOTHE COURT	-	150,000	-	-	-	-	-	150,000
BIKE TRAILS	-	-	89,137	-	-	-	-	89,137
CAMERON STATION	-	-	-	-	-	-	-	-
DRAINAGE IMPROVEMENTS	-	-	-	-	-	-	-	-
FORT WARD PARK	-	-	28,941	-	-	-	-	28,941
IRRIGATION	-	-	270,132	121,550	-	-	-	391,682
LANDSCAPING OF PUBLIC SITES	-	-	-	-	-	-	-	-
TREES	-	-	-	-	-	-	-	-
PARK AND PLAYGROUND RENOVATIONS	-	-	-	-	-	-	-	-
SKATE PARK	-	-	-	-	-	-	-	-
WINDMILL HILL PARK	-	-	1,756,250	-	-	-	-	1,756,250
TIMBERBRANCH PARK	-	-	-	-	-	-	-	-
Subtotal	\$	-	\$ 400,000	\$ 2,144,460	\$ 1,135,919	\$ -	\$ -	\$ 3,680,379
RECREATION & PARKS TOTAL								
Subtotal	\$	-	\$ 860,000	\$ 4,974,460	\$ 3,635,919	\$ -	\$ -	\$ 9,470,379

Summary Expenditure Tables

Table 5. SUMMARY								
Detail of <i>UNFUNDED</i> Capital Improvement Projects								
FY 2009 - FY 2014								
City Share by Program Year								
	UNALLOCATED							
	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
<u>PUBLIC BUILDINGS</u>								
Libraries								
LIBRARY CAPITAL ITEMS	\$	-	-	-	-	-	-	-
Subtotal	\$	-	-	-	-	-	-	-
Preservation of Historic Facilities								
FORT WARD HISTORIC AREA	\$	-	-	-	-	-	-	-
FRIENDSHIP FIREHOUSE	-	-	-	-	-	-	-	-
GADSBY'S TAVERN	-	-	-	-	-	-	-	-
THE LYCEUM	-	-	-	-	-	-	-	-
CITY HISTORIC FACILITIES CFMP	-	-	-	-	-	-	TBD	-
APOTHECARY MUSEUM (SLAM)	-	-	-	-	-	-	-	-
TORPEDO FACTORY REPAIRS	-	-	-	-	-	-	-	-
Subtotal	\$	-	-	-	-	-	-	-
Public Safety Facilities								
NEW POLICE FACILITY	\$	-	-	-	-	-	-	-
BUSINESS CENTER DRIVE/GOVT CENTER	-	-	-	-	-	-	-	-
DETENTION CENTER (JAIL)	-	-	-	-	-	-	-	-
COURTHOUSE GARAGE	-	-	-	-	-	-	-	-
CONTINUITY OF OPERATIONS	-	-	-	300,000	-	-	-	-
FIRE STATION CFMP	-	-	-	-	-	-	-	-
FIRE STATION 203 EXPANSION	-	-	-	-	-	-	-	-
NEW FIRE STATION - FS 209 POTOMAC YARD	-	-	-	-	-	-	-	-
NEW FIRE STATION - FS 210 EISEN. VALLEY	-	-	-	-	-	-	-	-
BURN BUILDING	-	-	150,000	-	-	-	-	150,000
EMERGENCY OPERATIONS CENTER (EOC)	-	-	200,000	TBD	TBD	-	-	200,000
SHERIFF CFMP	-	-	-	-	-	-	-	-
PUBLIC SAFETY CENTER SLAB	-	-	-	-	-	-	-	-
PISTOL RANGE	-	-	-	-	-	-	-	-
OLD ANIMAL SHELTER RE-USE	-	-	-	-	-	-	-	-
VOLA LAWSON ANIMAL SHELTER	-	-	-	-	-	-	-	-
Subtotal	\$	-	-	350,000	300,000	-	-	350,000
Public Health & Welfare Facilities								
FLORA KRAUSE CASEY CENTER	\$	-	-	-	-	-	-	-
MENTAL HEALTH RESIDENTIAL FACILITIES	-	-	-	-	-	-	-	-
SAFE HAVEN FACILITY	-	-	-	-	-	-	-	-
TEEN CENTER	-	-	-	500,000	-	-	-	500,000
Subtotal	\$	-	-	500,000	-	-	-	500,000

Summary Expenditure Tables

Table 5. SUMMARY								
Detail of <i>UNFUNDED</i> Capital Improvement Projects								
FY 2009 - FY 2014								
City Share by Program Year								
UNALLOCATED	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
<u>PUBLIC BUILDINGS, continued</u>								
Renovation & Reconstruction of Other City Facilities								
405 CAMERON STREET	\$	-	-	-	-	-	-	-
ADA ACCESSIBILITY	-	13,000	20,000	42,543	-	-	-	75,543
CITY VISITOR CENTER	-	-	-	-	-	-	-	-
ENERGY CONSERVATION PROGRAM	-	-	-	212,714	-	-	-	212,714
ELEVATOR REFURBISHMENT/REPLACEMENT	-	-	-	-	-	-	-	-
ENVIRONMENTAL COMPLIANCE	-	-	-	-	-	-	-	-
EMERGENCY GENERATORS	-	-	-	-	-	-	-	-
GENERAL SERVICES CFMP	-	-	-	-	-	-	-	-
MARKET SQUARE RENOVATIONS	-	-	-	-	-	-	-	-
PAYNE STREET RECORDS CENTER	-	-	-	-	-	-	-	-
SPACE MANAGEMENT PROGRAM	-	-	100,000	850,000	TBD	TBD	TBD	950,000
UNION STATION	-	-	-	-	-	-	-	-
Subtotal	\$	-	\$ 13,000	\$ 120,000	\$ 1,105,257	\$ -	\$ -	\$ 1,238,257
PUBLIC BUILDINGS TOTAL		\$ -	\$ 13,000	\$ 470,000	\$ 1,905,257	\$ -	\$ -	\$ 2,388,257
<u>PUBLIC TRANSPORTATION & TRAFFIC CONTROL</u>								
Public Transportation								
DASH CAPITAL REQUEST	\$	-	184,000	2,091,000	1,124,550	1,180,778	1,239,816	1,301,807
ALEX. TRANSIT SERVICE IMPROVEMENTS	-	-	-	-	-	-	-	-
DASH BUS FACILITY	-	-	-	-	-	-	-	-
BUS SHELTERS	-	94,500	99,225	35,000	-	-	-	228,725
ADA ACCESS	-	-	11,025	11,576	-	-	-	22,601
METRO BUS/RAIL CAPITAL	-	-	-	-	-	-	-	-
PUBLIC TRANSPORTATION PROJECTS TBD	-	-	-	-	-	-	-	-
SAFETEA-LU TRANSPORTATION PROJECTS	-	-	-	-	-	-	-	-
Subtotal	\$	-	\$ 278,500	\$ 2,201,250	\$ 1,171,126	\$ 1,180,778	\$ 1,239,816	\$ 1,301,807
Traffic Signal Maint. & Traffic Control Computer								
SIGNAL OPTIMIZATION	\$	-	-	-	-	-	-	-
SCHOOL FLASHING SIGNALS	-	-	-	-	-	-	-	-
DUKE STREET TRAFFIC SIGNALS	-	-	1,400,000	-	-	-	-	1,400,000
FIXED EQUIP. REPLACEMENT/SIGNS& SIGNALS	-	-	-	-	-	-	-	-
TRAFFIC CONTROL COMPUTER	-	-	-	750,000	-	-	-	750,000
Subtotal	\$	-	\$ 1,400,000	\$ 750,000	\$ -	\$ -	\$ -	\$ 2,150,000
PUB. TRANS/TRAFFIC CONTROL TOTAL		\$ -	\$ 278,500	\$ 3,601,250	\$ 1,921,126	\$ 1,180,778	\$ 1,239,816	\$ 1,301,807

Summary Expenditure Tables

Table 5. SUMMARY								
Detail of <i>UNFUNDED</i> Capital Improvement Projects								
FY 2009 - FY 2014								
City Share by Program Year								
UNALLOCATED PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²	
STREET, BRIDGE, & PEDESTRIAN IMPROVEMENTS								
Bridge Repairs & Maintenance								
BRIDGE REPAIRS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
POTOMAC YARD & BRIDGE IMPROVEMENTS	-	-	-	-	-	-	-	-
MONROE AVE. BRIDGE PEDESTRIAN ACCESS	-	-	-	-	-	-	-	-
WILKES STREET TUNNEL	-	-	150,000	675,000	-	-	-	825,000
Subtotal	\$ -	\$ -	\$ 150,000	\$ 675,000	\$ -	\$ -	\$ -	\$ 825,000
Pedestrian Improvements								
KING ST. METRO NORTH ENTRANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
KING ST. METRO PLATFORM EXTENSION	-	-	-	-	-	-	-	-
KING ST. METRO SIDEWALKS	-	-	-	-	-	-	-	-
OTHER KING ST. METRO AREA IMPROVEMENTS	-	-	-	-	-	-	-	-
UNION STATION PEDESTRIAN IMPROVEMENTS	-	-	-	-	-	-	-	-
DUKE STREET FLYOVER	-	-	-	-	-	-	-	-
SIDEWALK, CURB, & GUTTER	-	-	-	-	-	-	-	-
SAFE ROUTES TO SCHOOL	-	100,000	50,000	50,000	-	-	-	200,000
TRANSIT FACILITIES PED. IMPROVEMENTS	-	-	-	-	-	-	-	-
Subtotal	\$ -	\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 200,000
Street Improvements								
BRADDOCK RD. IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
EDSALL ROAD	-	-	-	615,250	-	-	-	615,250
EISENHOWER AVE. WIDENING	-	249,800	-	-	-	-	-	249,800
KING & BEAUREGARD IMPROVEMENTS	-	-	-	-	-	-	-	-
KING ST. AT BRADLEE SHOPPING CENTER	-	-	-	-	-	-	-	-
KING ST/QUAKER LN/BRADDOCK RD.	-	-	-	-	-	-	-	-
MADISON & MONTGOMERY	-	-	2,010,000	-	-	-	-	2,010,000
MILL RD. REALIGNMENT	-	-	-	-	-	-	-	-
SLATER'S LANE	-	-	-	-	-	-	-	-
STREET RECONSTRUCTIONS	-	-	-	-	-	-	-	-
TRAFFIC CALMING	-	300,000	661,500	694,576	-	-	-	1,656,076
ALLEY REHABILITATION	-	-	-	-	-	-	-	-
MT. VERNON PUBLIC ALLEY	-	-	-	-	-	-	-	-
MISCELLANEOUS UNDERGROUNDING	-	78,750	82,688	86,822	-	-	-	248,260
OLD TOWN UNDERGROUNDING	-	-	-	-	-	-	-	-
STREET LIGHTING	-	-	-	-	-	-	-	-
PED. & BIKE SAFETY ENHANCEMENTS	-	-	-	-	-	-	-	-
WASHINGTON STREET PAVING	-	-	-	-	-	-	-	-
KING STREET PAVING	-	-	822,000	-	-	-	-	-
Subtotal	\$ -	\$ 628,550	\$ 3,576,188	\$ 1,396,648	\$ -	\$ -	\$ -	\$ 4,779,386
BRIDGE, & PED. IMPROVEMENTS TOTAL	\$ -	\$ 728,550	\$ 3,776,188	\$ 2,121,648	\$ -	\$ -	\$ -	\$ 6,626,386

Summary Expenditure Tables

Table 5. SUMMARY								
Detail of <i>UNFUNDED</i> Capital Improvement Projects								
FY 2009 - FY 2014								
City Share by Program Year								
	UNALLOCATED							
	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL ²
<u>SEWERS</u>								
Sanitary Sewers								
CORRECTION OF INFILTRATION/INFLOW	\$	-	-	-	-	-	-	-
HOOFF'S RUN SANITARY SEWER	\$	-	-	-	-	-	-	-
HOLMES RUN TRUNK SEWER								
MITIGATION OF CSO's								
RECONSTRUCTION AND EXTENSIONS								
ROYAL STREET RELIEF SEWER								
SANITARY SEWER PROJECTS TBD								
SANITARY SEWER CAPACITY STUDY								
SEWER SEPARATION PROJECTS								
SEWER MAP UPDATE								
STREET RECON. DUE TO SANITARY SEWERS								
HOLMES RUN INFILTRATION & INFLOW								
Subtotal	\$	-	\$	-	\$	-	\$	-
Storm Sewers								
MISCELLANEOUS STORM SEWER REPAIRS	\$	-	-	-	-	-	-	-
KEY DRIVE FLOOD MITIGATION								
TAYLOR RUN AT JANNEY'S LANE			551,250					551,250
NPDES								
ORONO CO OUTFALL								
STORM AND COMBINED SYSTEM ASSESSMENT				900,000				900,000
BRADDOCK AND WEST STORM SEWER								
STORM WATER CAPACITY ANALYSIS				868,219				868,219
Subtotal	\$	-	\$	551,250	\$	1,768,219	\$	2,319,469
SEWERS TOTAL	\$	-	\$	551,250	\$	1,768,219	\$	2,319,469
<u>OTHER REGIONAL CONTRIBUTIONS</u>								
Regional Contributions								
NORTHERN VA. COMMUNITY COLLEGE	\$	-	-	-	-	-	-	-
NORTHERN VA. REGIONAL PARK AUTHORITY								
NORTHERN VA. JUVENILE DETENTION HOME								
PEUMANSEND REGIONAL JAIL								
OTHER REGIONAL CONTRIBUTIONS TOTAL	\$	-	\$	-	\$	-	\$	-
<u>INFORMATION TECHNOLOGY PLAN</u>								
IT Plan								
CONNECTIVITY PROJECTS	\$	-	466,500	-	-	-	-	1,632,125
SYSTEMS DEVELOPMENT			100,000	1,223,000				3,293,600
INFO. TECHNOLOGY PLAN TOTAL	\$	-	566,500	1,223,000	\$	-	\$	1,789,500

Summary Expenditure Tables

Table 5. SUMMARY									
Detail of <i>UNFUNDED</i> Capital Improvement Projects									
FY 2009 - FY 2014									
City Share by Program Year									
	UNALLOCATED								
	PRIOR YEAR ¹	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL	²
TOTAL CITY SHARE	\$ -	\$ 4,528,980	\$ 30,712,544	\$ 22,311,947	\$ 1,180,778	\$ 1,239,816	\$ 1,301,807	\$ 61,275,872	
LESS SCHOOLS	\$ -	\$ 1,852,430	\$ 13,746,396	\$ 10,799,778	\$ -	\$ -	\$ -	\$ 26,398,604	
TOTAL CITY SHARE LESS SCHOOLS	\$ -	\$ 2,676,550	\$ 16,966,148	\$ 11,512,169	\$ 1,180,778	\$ 1,239,816	\$ 1,301,807	\$ 34,877,268	

Summary Expenditure Tables

PAGE INTENTIONALLY LEFT BLANK

SUMMARY FUNDING TABLES

PAGE INTENTIONALLY LEFT BLANK

Summary Funding Tables

TOTAL SOURCES AND USE OF CIP FUNDS (FY 2009 - FY2014)								
ALL SOURCES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL	
General Fund Planned Appropriations	\$ 2,178,162	\$ 4,500,000	\$ 6,000,000	\$ 7,000,000	\$ 9,000,000	\$ 10,500,000	\$ 39,178,162	
General Fund Balance	\$ 7,350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,350,000	
General Obligation Bonds	\$ 47,081,311	\$ 57,385,516	\$ 72,947,014	\$ 42,001,732	\$ 39,637,320	\$ 29,740,714	\$ 288,793,607	
Open Space Trust Fund Account Transfer	\$ 2,039,525	\$ 2,054,545	\$ 2,156,530	\$ 2,353,815	\$ 2,561,739	\$ 2,777,191	\$ 13,943,345	
Bond Interest Earnings	\$ 2,500,436	\$ 2,086,859	\$ 2,464,928	\$ 2,776,138	\$ 2,157,212	\$ 2,109,904	\$ 14,095,477	
Sewer Fees	\$ 4,631,000	\$ 4,594,354	\$ 4,683,082	\$ 4,733,633	\$ 4,785,567	\$ 4,802,734	\$ 28,230,370	
Transportation Funding (Veh. Reg. Fee)	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 4,200,000	
Prior Year Unallocated Funds	\$ 1,074,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,074,500	
Subtotal City Sources	\$ 67,554,934	\$ 71,321,274	\$ 88,951,554	\$ 59,565,318	\$ 58,841,838	\$ 50,630,543	\$ 396,865,461	
State Urban Funds	\$ 18,892,650	\$ 2,685,000	\$ 2,685,000	\$ 2,685,000	\$ 2,685,000	\$ 2,685,000	\$ 32,317,650	
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 SAFET EA-LU	\$ 2,902,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,902,700	
All-City Sports Facility Fundraising	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	
Wilson Bridge Settlement	\$ 4,689,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,689,000	
IT S Comcast Revenue	\$ 1,207,125	\$ 795,000	\$ 795,000	\$ 795,000	\$ 795,000	\$ 795,000	\$ 5,182,125	
Other Non-City Sources	\$ 2,015,060	\$ 243,437	\$ 221,437	\$ 221,437	\$ 221,437	\$ 221,437	\$ 3,144,245	
Subtotal Non-City Sources	\$ 30,706,535	\$ 9,723,437	\$ 4,701,437	\$ 4,701,437	\$ 4,701,437	\$ 4,701,437	\$ 59,235,720	
TOTAL ALL SOURCES	\$ 98,261,469	\$ 81,044,711	\$ 93,652,991	\$ 64,266,755	\$ 63,543,275	\$ 55,331,980	\$ 456,101,181	
ALL USES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL	
Schools	\$ 19,879,886	\$ 5,466,739	\$ 3,085,859	\$ 13,840,814	\$ 14,924,771	\$ 8,122,835	\$ 65,320,904	
Community Development	\$ 7,399,364	\$ 2,031,701	\$ 1,897,522	\$ 1,631,072	\$ 1,678,202	\$ 3,864,039	\$ 18,501,900	
Recreation & Parks	\$ 5,129,719	\$ 11,274,567	\$ 6,383,349	\$ 5,504,190	\$ 14,964,624	\$ 14,676,419	\$ 57,932,868	
Public Buildings	\$ 9,909,675	\$ 32,508,158	\$ 47,999,937	\$ 13,979,570	\$ 4,374,127	\$ 9,621,687	\$ 118,393,154	
Public Trans. & Traffic Control	\$ 24,777,812	\$ 12,537,125	\$ 15,515,981	\$ 16,498,085	\$ 9,443,190	\$ 6,687,999	\$ 85,460,192	
Street, Bridge, & Pedestrian Improvements	\$ 21,566,269	\$ 3,218,775	\$ 3,039,966	\$ 3,266,904	\$ 3,324,348	\$ 3,509,068	\$ 37,925,330	
Sewers	\$ 5,831,650	\$ 5,800,037	\$ 9,620,776	\$ 5,833,380	\$ 10,930,012	\$ 6,017,489	\$ 44,033,344	
Other Regional Contributions	\$ 630,868	\$ 625,734	\$ 620,638	\$ 613,578	\$ 605,632	\$ 609,831	\$ 3,706,281	
Information Technology Plan	\$ 3,136,225	\$ 7,581,875	\$ 5,488,963	\$ 3,099,161	\$ 3,298,369	\$ 2,222,612	\$ 24,827,205	
TOTAL ALL USES	\$ 98,261,468	\$ 81,044,711	\$ 93,652,991	\$ 64,266,754	\$ 63,543,275	\$ 55,331,979	\$ 456,101,178	
PERCENT FROM GENERAL OBLIGATION BONDS	47.9%	70.8%	77.9%	65.4%	62.4%	53.7%	63.3%	
PERCENT FROM CITY AND OTHER CASH SOURCES	52.1%	29.2%	22.1%	34.6%	37.6%	46.3%	36.7%	

Summary Funding Tables

CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS

For the Six Fiscal Years Ending June 30, 2014

	Total FY 2009							
	<u>FY 2014</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	
City Funded Sources								
Planned General Fund Appropriations:								
		FY 2009						
		\$2,178,162	\$2,178,162					
		FY 2010		\$4,500,000				
		\$4,500,000						
		FY 2011			\$6,000,000			
		\$6,000,000						
		FY 2012				\$7,000,000		
		\$7,000,000						
		FY 2013					\$9,000,000	
		\$9,000,000						
		FY 2014						\$10,500,000
		\$10,500,000						
General Obligation Bonds:								
		FY 2009	\$47,081,311	\$47,081,311				
		\$47,081,311						
		FY 2010		\$57,385,516				
		\$57,385,516						
		FY 2011			\$72,947,014			
		\$72,947,014						
		FY 2012				\$42,001,732		
		\$42,001,732						
		FY 2013					\$39,637,320	
		\$39,637,320						
		FY 2014						\$29,740,714
		\$29,740,714						
Planned General Fund Open Space Trust Fund Account Transfers:								
		FY 2009	\$2,039,525	\$2,039,525				
		\$2,039,525						
		FY 2010		\$2,054,545				
		\$2,054,545						
		FY 2011			\$2,156,530			
		\$2,156,530						
		FY 2012				\$2,353,816		
		\$2,353,816						
		FY 2013					\$2,561,739	
		\$2,561,739						
		FY 2014						\$2,777,190
		\$2,777,190						
Bond Interest Earnings (Current Year)		\$14,095,477	\$2,500,436	\$2,086,859	\$2,464,928	\$2,776,138	\$2,157,212	\$2,109,904
General Fund Balances (Prior Years)		\$7,350,000	\$7,350,000	\$0				
Reallocated Prior Year Balances		\$1,074,500	\$1,074,500					
Sewer Fees		\$28,230,370	\$4,631,000	\$4,594,354	\$4,683,082	\$4,733,633	\$4,785,567	\$4,802,734
Vehicle Fee		\$4,200,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000
TOTAL CITY-FUNDED SOURCES		\$396,865,461	\$67,554,934	\$71,321,274	\$88,951,554	\$59,565,319	\$58,841,838	\$50,630,542
FEDERAL REVENUE		\$7,591,700	\$7,591,700					
STATE REVENUE		\$38,317,650	\$19,892,650	\$3,685,000	\$3,685,000	\$3,685,000	\$3,685,000	\$3,685,000
OTHER REVENUE		\$13,326,370	\$3,222,185	\$6,038,437	\$1,016,437	\$1,016,437	\$1,016,437	\$1,016,437
TOTAL ALL SOURCES		\$456,101,181	\$98,261,469	\$81,044,711	\$93,652,991	\$64,266,756	\$63,543,275	\$55,331,979

Summary Funding Tables

CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS

For the Six Fiscal Years Ending June 30, 2014

CITY FUNDED SOURCES:	Projected		Total
	Debt Service		General Fund
Planned Future General Fund Appropriations to Capital Projects Fund, FY 2008 - 2013			
FY 2009	\$2,178,162	\$33,640,327	\$35,818,489
FY 2010	\$4,500,000	\$36,456,374	\$40,956,374
FY 2011	\$6,000,000	\$41,084,007	\$47,084,007
FY 2012	\$7,000,000	\$47,894,171	\$54,894,171
FY 2013	\$9,000,000	\$51,492,909	\$60,492,909
FY 2014	\$10,500,000	\$52,885,044	\$63,385,044
Total Planned Future Appropriations	\$39,178,162	\$263,452,832	\$302,630,994
Planned General Obligation Bond Issues:			
FY 2009	\$47,081,311		
FY 2010	\$57,385,516		
FY 2011	\$72,947,014		
FY 2012	\$42,001,732		
FY 2013	\$39,637,320		
FY 2014	\$29,740,714		
Total General Obligation Bond Issues	\$288,793,607		
Planned General Fund			
Open Space Trust Fund Account Transfers:			
FY 2009	\$2,039,525		
FY 2010	\$2,054,545		
FY 2011	\$2,156,530		
FY 2012	\$2,353,815		
FY 2013	\$2,561,739		
FY 2014	\$2,777,191		
Total Open Space Trust Fund Account Transfers	\$13,943,345		
Planned Other City Sources			
Bond Interest Earnings (Current Year)	\$14,095,477		
General Fund Balances (Prior Years)	\$7,350,000		
Sewer Fees	\$28,230,370		
Transportation Funding (State Veh. Reg. Fee)	\$4,200,000		
Reallocated Prior Year Balances	\$1,074,500		
Total Planned Other City Sources	\$54,950,347		
Current City Sources			
Capital Projects Fund Balances at 6/30/07	\$101,587,684		
General Fund Appropriation FY 2008	\$6,990,041		
General Fund Balances Designated for Subsequent Years' Capital Expenditures	\$2,678,177		
General Obligation Bonds	\$69,242,007		
Bond Interest Earnings	\$2,710,635		
Sewer Fees	\$4,531,440		
Misc. (ARHA and Bond Premium)	\$1,687,403		
Vehicle Registration (Decal) Fee	\$900,000		
Open Space (FY 2007 Transfer)	\$1,875,523		
Total City-Funded Current Sources	\$192,202,910		
TOTAL CITY-FUNDED SOURCES	\$589,068,371		
CITY FUNDED USES:			
Approved Capital Budgets through FY 2007:			
Prior Year Approved Projects	\$114,677,563		
FY 2008 Approved Capital Budget	\$77,525,350		
Total Approved Capital Budgets	\$192,202,913		
Proposed FY 2008 - 2013 City Funded CIP			
FY 2009 Approved Capital Budget	\$67,554,934	\$0	
FY 2010 Approved Capital Budget	\$71,321,274		
FY 2011 Approved Capital Budget	\$88,951,553		
FY 2012 Approved Capital Budget	\$59,565,318		
FY 2013 Approved Capital Budget	\$58,841,838		
FY 2013 Approved Capital Budget	\$50,630,541		
Total Approved FY 2008 - 2013 CIP	\$396,865,458		
TOTAL CITY FUNDED USES	\$589,068,371		

Summary Funding Tables

Table 6
Debt Service Indicators

	Total Debt Service/1	Outstanding Debt/2	General Government Expenditures /3	Assessed Value of Real Property/4	Personal Income/5
FY 1995	11,050,739	52,255,000	290,760,163	10,846,601	4,432,718
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	243,057,561	680,221,408	35,522,197	10,204,006
FY 2009	33,640,327	330,452,403	745,713,583	35,554,958	10,862,164
FY 2010	36,456,374	363,215,778	756,815,443	36,621,607	11,562,774
FY 2011	41,084,007	408,388,874	799,684,076	38,818,903	12,308,573
FY 2012	47,894,171	418,626,838	803,868,255	41,148,037	13,102,476
FY 2013	51,492,909	428,407,804	834,688,647	43,616,920	13,947,586
FY 2014	52,885,044	426,300,297	857,142,071	46,233,935	14,847,205

/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 2009 are based on a long range forecast scenario.

/4 Presented on a calendar year basis. Uses mid range long range forecast scenario that assumes no annual growth in FY 2009, a rate of 3.0 percent for fiscal year 2010, and 6 percent for each year after 2010.

/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 2007 and beyond are increased by 6.45 percent annually, which represents the average rate of actual growth in the last 5 years (2002 to 2006).

Summary Funding Tables

Table 6. (continued)
Debt Service Indicators

Fiscal Year	Ratio of Debt Service to General Governmental Expenditures	Outstanding Debt as a Percentage of Assessed Value of Real Property/ ¹	Debt per Capita as a Percentage of Per Capita Income
Ceiling	10.00%	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 1995	3.80%	0.48%	1.13%
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	4.52%	0.68%	2.38%
FY 2009	4.13%	0.93%	3.04%
FY 2010	4.85%	0.99%	3.14%
FY 2011	5.17%	1.05%	3.32%
FY 2012	5.99%	1.02%	3.20%
FY 2013	6.20%	0.98%	3.07%
FY 2014	6.20%	0.92%	2.87%

¹ 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 6. (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 (est.)	11.86%	5.39%

Summary Funding Tables

Table 7: 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
2009	\$19,100,000	\$11,514,576	\$30,614,576
2010	\$18,315,000	\$10,685,824	\$29,000,824
2011	\$17,815,000	\$9,851,243	\$27,666,243
2012	\$17,775,000	\$9,060,955	\$26,835,955
2013	\$17,735,000	\$8,275,775	\$26,010,775
2014	\$17,745,000	\$7,480,700	\$25,225,700
2015	\$17,680,000	\$6,732,800	\$24,412,800
2016	\$17,635,000	\$5,975,713	\$23,610,713
2017	\$17,600,000	\$5,165,238	\$22,765,238
2018	\$17,545,000	\$4,385,238	\$21,930,238
2019	\$17,510,000	\$3,607,613	\$21,117,613
2020	\$15,475,000	\$2,827,456	\$18,302,456
2021	\$12,535,000	\$2,140,606	\$14,675,606
2022	\$9,705,000	\$1,574,206	\$11,279,206
2023	\$9,705,000	\$1,134,356	\$10,839,356
2024	\$6,405,000	\$690,706	\$7,095,706
2025	\$6,405,000	\$402,319	\$6,807,319
2026	\$3,665,000	\$172,156	\$3,837,156
Total	\$260,350,000	\$91,677,480	\$352,027,480

Summary Funding Tables

Table 8: General Obligation Bond Repayment Schedules

Table 8. City of Alexandria, VA
 GENERAL OBLIGATION BOND ISSUE OF \$22.8 MILLION - A (MAY, 2007)
 Debt Outstanding at May 31, 2007

Fiscal Year	Principal	Interest	Total
2009	\$0	\$1,025,650	\$1,025,650
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	\$9,949,750	\$32,764,750

Summary Funding Tables

Table 9: General Obligation Bond Repayment Schedules

Table 9. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$56.0 MILLION - A (JUNE, 2006) Debt Outstanding at June 30, 2006			
Fiscal Year	Principal	Interest	Total
2009	\$2,920,000	\$2,409,931	\$5,329,931
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	\$52,500,000	\$22,650,816	\$75,150,816

Summary Funding Tables

Table 10: General Obligation Bond Repayment Schedules

Table 10. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$15.0 MILLION - A (JUNE, 2006) Debt Outstanding at June 30, 2006			
Fiscal Year	Principal	Interest	Total
2009	\$750,000	\$769,125	\$1,519,125
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	\$13,500,000	\$7,431,000	\$20,931,000

Summary Funding Tables

Table 11: General Obligation Bond Repayment Schedules

Table 11. City of Alexandria, VA
 GENERAL OBLIGATION BOND ISSUE OF \$54.8 MILLION - C (NOVEMBER, 2004)
 Debt Outstanding at November 30, 2004

Fiscal Year	Principal	Interest	Total
2009	\$2,745,000	\$1,801,775	\$4,546,775
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	\$46,590,000	\$16,340,975	\$62,930,975

Summary Funding Tables

Table 12: General Obligation Bond Repayment Schedules

Table 12. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$32.5 MILLION - B (OCTOBER, 2004) Debt Outstanding at October 31, 2004			
Fiscal Year	Principal	Interest	Total
2009	\$210,000	\$1,321,900	\$1,531,900
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	\$31,195,000	\$9,885,001	\$41,080,001

Summary Funding Tables

Table 13: General Obligation Bond Repayment Schedules

Table 13. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF \$64.7 MILLION - (JANUARY 1, 2004) Debt Outstanding at January 31, 2004			
Fiscal Year	Principal	Interest	Total
2009	\$3,800,000	\$2,190,875	\$5,990,875
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	\$50,500,000	\$16,641,000	\$67,141,000

Summary Funding Tables

Table 14: General Obligation Bond Repayment Schedules

Table 14. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$54.5 MILLION - (JULY, 2001)
Debt Outstanding at June 30, 2003

Fiscal Year	Principal	Interest	Total
2009	\$2,900,000	\$616,530	\$3,516,530
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	\$14,490,000	\$1,885,895	\$16,375,895

Summary Funding Tables

Table 15: General Obligation Bond Repayment Schedules

Table 15. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$55.0 MILLION - (JUNE 15, 2000)*
Debt Outstanding at June 30, 2003

Fiscal Year	Principal	Interest	Total
2009	\$2,985,000	\$298,500	\$3,283,500
2010	\$2,985,000	\$149,250	\$3,134,250
Total	\$5,970,000	\$447,750	\$6,417,750

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

Summary Funding Tables

Table 16: General Obligation Bond Repayment Schedules

Table 16. City of Alexandria, VA
 GENERAL OBLIGATION BOND ISSUE OF \$34.0 MILLION - (JANUARY, 1999)
 Debt Outstanding at June 30, 2003

Fiscal Year	Principal	Interest	Total
2009	\$2,000,000	\$1,040,000	\$3,040,000
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	\$22,000,000	\$6,405,000	\$28,405,000

Summary Funding Tables

Table 17: General Obligation Bond Repayment Schedules

Table 17. City of Alexandria, VA
GENERAL OBLIGATION BOND ISSUE OF \$22.7 MILLION - (MARCH 1, 1994)
Debt Outstanding at June 30, 2003

Fiscal Year	Principal	Interest	Total
2009	\$790,000	\$40,290	\$830,290
Total	\$790,000	\$40,290	\$830,290

PAGE INTENTIONALLY LEFT BLANK

Capital Project Detail Sheets

The detail sheets on the following pages provide a variety of information about the City's capital improvement projects. In the heading for each project in the CIP detail, the following information is provided:

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

Subsection – Identifies the group of like projects in which the project is included, within the section.

Managing Department – Identifies the agency that is primarily responsible for planning and managing the project.

Priority – The priority assigned to this project. There are three priority designations: (a) Essential; (b) Very Desirable; and (c) Desirable. See the heading the "The CIP Process" in front of the CIP section for further expansion.

Estimated Useful Life of Improvement – Where possible, information on the estimated life of the improvement scheduled in the FY 2009 – FY 2014 CIP is provided.

Phase - As part of the FY 2009 CIP, the City is implementing a phase review process for 14 major projects. For these 14 major projects, information is provided on which phase the project is currently in.

Capital Project Detail Sheets

PAGE INTENTIONALLY LEFT BLANK

ALEXANDRIA CITY PUBLIC SCHOOLS (ACPS)

Alexandria City Public Schools (ACPS)

On January 3, 2008, the School Board adopted its six-year Capital Improvement Program (CIP) request to the City, in the amount of \$91,791,954. The Board's adopted six-year CIP of \$91.8 million represented an increase of \$10.7 million, or 13.2 percent as compared to last year's adopted Schools' CIP approved as part of the City's FY 2008-FY 2013 Approved CIP.

On May 5, 2008, City Council adopted the FY 2009-FY 2014 CIP, which includes a total of \$65,320,905 in funding for Schools' CIP projects. However, \$26,399,049 over three years (\$1.85 million in FY 2009; \$13.75 in FY 2010; and \$10.8 million in FY 2011) could not be funded due to fiscal constraints.

Based on City Council action, the School Board adjusted funding levels for each of the School projects. On May 29, 2008, the School Board approved their final adjustments. The results are shown in the table below (Table 1).

Table 1: *FUNDED* ACPS CIP Projects
FY 2009-FY 2014

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
	John Adams	\$0	\$7,463,599	\$2,205,841	\$0	\$1,027,378	\$0	\$0	\$10,696,818
	Charles Barrett	0	33,000	0	235,161	0	2,381,060	0	2,649,221
	Lyles Crouch	0	0	0	0	0	0	0	0
	Patrick Henry	0	0	0	0	0	0	0	0
	Jefferson-Houston	0	0	0	0	0	6,155,535	0	6,155,535
	Cora Kelly	0	172,700	0	0	3,254,570	0	0	3,427,270
	Douglas MacArthur	0	0	0	0	0	2,322,778	1,753,708	4,076,486
	George Mason	0	133,450	0	176,837	123,200	0	0	433,487
	Matthew Maury	0	125,600	0	0	0	0	0	125,600
	James Polk	210,965	3,964,844	0	0	4,052,929	0	0	8,017,773
	William Ramsay	0	0	0	214,170	0	0	1,416,371	1,630,541
	Mount Vernon	0	0	0	434,011	0	0	0	434,011
	Samuel Tucker	0	0	0	308,693	0	0	0	308,693
	F.C. Hammond	0	0	0	0	894,960	0	0	894,960
	George Washington	0	55,000	0	527,450	352,000	0	1,079,100	2,013,550
	Minnie Howard	0	4,188,615	2,800,700	0	0	1,791,357	0	8,780,672
	T.C. Williams	0	907,500	0	0	0	0	0	907,500
	Rowing Facility	0	60,000	0	0	0	0	66,000	126,000
	Maintenance & Transportation Facility	0	0	0	0	0	0	0	0
	Renovations of School Facilities	0	525,000	269,000	449,440	769,876	718,983	801,542	3,533,841
	Building Systems Modernization	0	894,078	191,198	644,591	2,478,988	1,132,937	1,612,372	6,954,164
	Bus and Vehicle Replacement	0	1,059,500	0	95,506	497,811	289,621	1,123,743	3,066,181
	City Mandates/Prerequisites	0	297,000	0	0	389,102	132,500	270,000	1,088,602
Total Projects		\$210,965	\$19,879,886	\$5,466,739	\$3,085,859	\$13,840,814	\$14,924,771	\$8,122,836	\$65,320,905
Less Total Revenues		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL NET CITY COSTS		\$210,965	\$19,879,886	\$5,466,739	\$3,085,859	\$13,840,814	\$14,924,771	\$8,122,836	\$65,320,905

Alexandria City Public Schools (ACPS)

FY 2009 - FY 2014 CIP Budget as Approved by the School Board

For more detailed information on School capital projects as approved by the School Board, please see the following tables. These tables also appear in the Alexandria City Public Schools Approved Capital Improvement Budget 2009-2014 document. This document is available from the ACPS Office of Financial and Administrative Services, 2000 North Beauregard Street, Alexandria, Virginia (telephone: (703) 824-6643).

Table 1: CIP Funding Summary by Facility FY 2009-2014

Facility or Project	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY 2009 - 2014
Charles Barrett	\$ 33,000	\$ -	\$ 235,161	\$ -	\$ 2,381,060	\$ -	\$ 2,649,221
Cora Kelly	172,700	-	-	3,254,570	-	-	3,427,270
Douglas MacArthur	-	-	-	-	2,322,778	1,753,708	4,076,486
George Mason	133,450	-	176,837	123,200	-	-	433,487
James K Polk	3,964,844	-	-	4,052,929	-	-	8,017,773
Jefferson-Houston	-	-	-	-	6,155,535	-	6,155,535
John Adams	7,463,599	2,205,841	-	1,027,378	-	-	10,696,818
Lyles-Crouch	-	-	-	-	-	-	-
Matthew Maury	125,600	-	-	-	-	-	125,600
Mount Vernon	-	-	434,011	-	-	-	434,011
Patrick Henry	-	-	-	-	-	-	-
Samuel Tucker	-	-	308,693	-	-	-	308,693
William Ramsay	-	-	214,170	-	-	1,416,371	1,630,541
FC Hammond	-	-	-	894,960	-	-	894,960
George Washington	55,000	-	527,450	352,000	-	1,079,100	2,013,550
Minnie Howard	4,188,615	2,800,700	-	-	1,791,357	-	8,780,673
TC Williams	907,500	-	-	-	-	-	907,500
Rowing Facility	60,000	-	-	-	-	66,000	126,000
Maintenance & Transport	-	-	-	-	-	-	-
Renovations of School Facilities	525,000	269,000	449,410	769,876	718,983	801,542	3,533,842
Building Systems Modernization	894,078	191,198	644,591	2,478,988	1,132,937	1,612,372	6,954,164
Bus and Vehicle Replacement	1,059,500	-	95,506	497,811	289,621	1,123,743	3,066,180
City Mandates	297,000	-	-	389,102	132,500	270,000	1,088,602
Grand Total	\$ 19,879,886	\$ 5,466,739	\$ 3,085,160	\$ 13,840,814	\$ 14,924,771	\$ 8,122,835	\$ 65,320,905

Alexandria City Public Schools (ACPS)

**Table 4
Funded Projects by Site**

Site	TASK TITLE	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Charles Barrett	ARCHITECT SERVICES	3,000	-	21,378	-	216,460	-
	FIRE ALARM SYSTEM	-	-	-	-	266,500	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	PLAYGROUND AND SURFACING	-	-	213,783	-	-	-
	REFURBISH METAL ROOF	-	-	-	-	62,500	-
	ROOF REPLACEMENT	-	-	-	-	399,500	-
	SPRINKLER SYSTEM	-	-	-	-	468,000	-
	HVAC SYSTEM REPLACEMENT - GYM	30,000	-	-	-	-	-
	NEW CLASSROOM ADDITION	-	-	-	-	968,100	-
Charles Barrett Total		33,000	-	235,161	-	2,381,060	-
Cora Kelly	ARCHITECT SERVICES	-	-	-	295,870	-	-
	CLASSROOM ADDITION	-	-	-	1,174,500	-	-
	ELEVATOR/ADA	-	-	-	470,400	-	-
	FIRE ALARM SYSTEM	-	-	-	288,600	-	-
	IRRIGATION SYSTEMS	-	-	-	-	-	-
	OFFICE RENOVATIONS	-	-	-	522,000	-	-
	ROOF REPLACEMENT	-	-	-	-	-	-
	SPRINKLER SYSTEM	-	-	-	503,200	-	-
	PLAYGROUND RELOCATION AND SURFACING	172,700	-	-	-	-	-
Cora Kelly Total		172,700	-	-	3,254,570	-	-
Douglas MacArthur	ARCHITECT SERVICES	-	-	-	-	211,162	159,428
	CLASSROOM ADDITION	-	-	-	-	-	1,026,200
	HVAC REPLACEMENT/ ELECTRIC POWER SYSTEMS	-	-	-	-	2,111,616	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	ROOF REPLACEMENT	-	-	-	-	-	568,080
	SPRINKLER SYSTEM	-	-	-	-	-	-
			-	-	-	-	-
Douglas MacArthur Total		-	-	-	-	2,322,778	1,753,708
George Mason	ARCHITECT SERVICES	-	-	16,076	-	-	-
	ELEVATOR REPLACEMENT	-	-	-	123,200	-	-
	FIRE ALARM SYSTEM	-	-	-	-	-	-
	HVAC CONTROLS UPGRADE	-	-	160,761	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	PLAYGROUND SURFACING	133,450	-	-	-	-	-
	SPRINKLER SYSTEM	-	-	-	-	-	-
	WINDOW REPLACEMENT	-	-	-	-	-	-
			-	-	-	-	-
George Mason Total		133,450	-	176,837	123,200	-	-
James K Polk	ARCHITECT SERVICES	360,440	-	-	368,448	-	-
	ELEVATOR/ADA	420,600	-	-	-	-	-
	FIRE ALARM SYSTEM	-	-	-	319,800	-	-
	GYM ADDITION	1,314,600	-	-	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	PARKING EXPANSION/LIGHTING	-	-	-	199,920	-	-
	PLAYGROUND SURFACING	194,445	-	-	-	-	-
	PLUMBING REPLACEMENT	-	-	-	79,500	-	-
	SPRINKLER SYSTEM	-	-	-	557,600	-	-
	BOILER REPLACEMENT	200,000	-	-	-	-	-
	HVAC REPLACEMENT/ ELECTRIC POWER SYSTEMS Phase 1	1,474,759	-	-	-	-	-
	HVAC REPLACEMENT/ ELECTRIC POWER SYSTEMS Phase 2	-	-	-	2,527,661	-	-
			-	-	-	-	-
James K Polk Total		3,964,844	-	-	4,052,929	-	-
Jefferson-Houston	ARCHITECT SERVICES	-	-	-	-	559,594	-
	FIRE ALARM SYSTEM	-	-	-	-	341,879	-
	HVAC REPLACEMENT	-	-	-	-	3,902,418	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	ROOF REPLACEMENT	-	-	-	-	751,273	-
	SPRINKLER SYSTEM	-	-	-	-	600,372	-
Jefferson-Houston Total		-	-	-	-	6,155,535	-

Alexandria City Public Schools (ACPS)

**Table 4
Funded Projects by Site**

Site	TASK TITLE	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
John Adams	ARCHITECT SERVICES	678,509	200,531	-	93,398	-	-
	BUILDING COMPONENTS REFURBISHMENT	-	2,005,310	-	-	-	-
	FIRE ALARM SYSTEM	453,255	-	-	-	-	-
	HVAC REPLACEMENT/ELECTRIC POWER SYSTEMS (1)	6,331,835	-	-	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	SPRINKLER SYSTEM	-	-	-	933,980	-	-
John Adams Total		7,463,599	2,205,841	-	1,027,378	-	-
Lyles-Crouch	ARCHITECT SERVICES	-	-	-	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	ROOF REPLACEMENT	-	-	-	-	-	-
	SPRINKLER SYSTEM	-	-	-	-	-	-
Lyles-Crouch Total		-	-	-	-	-	-
Matthew Maury	ARCHITECT SERVICES	-	-	-	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	PLAYGROUND SURFACING	125,600	-	-	-	-	-
	ROOF REPLACEMENT	-	-	-	-	-	-
	WINDOW REPLACEMENT	-	-	-	-	-	-
Matthew Maury Total		125,600	-	-	-	-	-
Mount Vernon	ARCHITECT SERVICES	-	-	39,456	-	-	-
	FIRE ALARM SYSTEM	-	-	-	-	-	-
	HVAC CONTROLS UPGRADE	-	-	394,555	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	SPRINKLER SYSTEM	-	-	-	-	-	-
Mount Vernon Total		-	-	434,011	-	-	-
Patrick Henry	ARCHITECT SERVICES	-	-	-	-	-	-
	FIRE ALARM SYSTEM	-	-	-	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
	SPRINKLER SYSTEM	-	-	-	-	-	-
	Patrick Henry Total		-	-	-	-	-
Samuel Tucker	ARCHITECT SERVICES	-	-	28,063	-	-	-
	CAFETERIA EXPANSION	-	-	-	-	-	-
	HVAC CONTROLS UPGRADE	-	-	280,630	-	-	-
	IRRIGATION SYSTEM	-	-	-	-	-	-
Samuel Tucker Total		-	-	308,693	-	-	-
William Ramsay	ARCHITECT SERVICES	-	-	19,470	-	-	128,761
	ELEVATOR/ADA	-	-	-	-	-	1,287,610
	IRRIGATION SYSTEM	-	-	-	-	-	-
	PLAYGROUND & SURFACING	-	-	194,700	-	-	-
	SPRINKLER SYSTEM	-	-	-	-	-	-
William Ramsay Total		-	-	214,170	-	-	1,416,371
FC Hammond	ARCHITECT SERVICES	-	-	-	81,360	-	-
	LOWER FIELD ARTIFICIAL TURF	-	-	-	-	-	-
	ROOF REPLACEMENT	-	-	-	813,600	-	-
	TRACK INSTALLATION	-	-	-	-	-	-
	UPPER FIELD ARTIFICIAL TURF	-	-	-	-	-	-
FC Hammond Total		-	-	-	894,960	-	-
George Washington	ARCHITECT SERVICES	-	-	47,950	32,000	-	98,100
	AUDITORIUM SOUND SYSTEM	55,000	-	-	-	-	-
	ELEVATOR REPLACEMENT	-	-	-	-	-	180,000
	HVAC CONTROLS SYSTEM	-	-	479,500	-	-	-
	GYM/ANNEX ROOF REPLACEMENT	-	-	-	320,000	-	-
	ROOF REPLACEMENT - ORIGINAL BUILDING	-	-	-	-	-	801,000
	ARTIFICIAL TURF FIELD	-	-	-	-	-	-
George Washington Total		55,000	-	527,450	352,000	-	1,079,100

Alexandria City Public Schools (ACPS)

Error! Not a valid link.

COMMUNITY DEVELOPMENT

PAGE INTENTIONALLY LEFT BLANK

Community Development

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
City-wide Amenities									
	Coordinated Sign & Wayfinding System	\$50,000	\$0	\$0	TBD	TBD	TBD	TBD	\$0
	Residential Sign Program	24,000	0	0	0	36,000	36,000	TBD	\$72,000
	Street Cans	0	0	0	0	0	0	10,000	\$10,000
	Miscellaneous Street Cans/Street Lighting	300,000	0	0	0	0	0	0	\$0
	LESS REVENUES	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$374,000	\$0	\$0	\$0	\$36,000	\$36,000	\$10,000	\$82,000
Neighborhood Planning									
	Downtown Transportation & Parking	\$0	\$0	TBD	TBD	TBD	TBD	\$10,000	\$10,000
	Mount Vernon Avenue Improvements	0	0	0	0	0	0	10,000	\$10,000
	Mount Vernon Avenue Light Fixtures	0	10,000	0	0	0	0	0	\$10,000
	Route 1 Beautification	20,000	0	0	0	0	0	0	\$0
	Redevelopment of Arlandria	500,000	0	0	0	0	0	0	\$0
	Streetscape Improvements	0	100,000	0	0	100,000	100,000	0	\$300,000
	Landmark Redevelopment	0	TBD	TBD	TBD	TBD	TBD	10,000	\$10,000
	LESS REVENUES	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$520,000	\$110,000	\$0	\$0	\$100,000	\$100,000	\$30,000	\$340,000
Potomac Waterfront Improvements									
	City Marina Waterfront Dredging	\$0	\$0	\$0	\$0	\$100,000	\$3,000,000		\$3,100,000
	Lower King Street Flood Mitigation	0	TBD	TBD	TBD	TBD	TBD	10,000	\$10,000
	Municipal Waterfront Improvements	0	TBD	TBD	TBD	TBD	TBD	10,000	\$10,000
	LESS REVENUES	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$0	\$0	\$0	\$0	\$100,000	\$3,020,000		\$3,120,000
Stream & Channel Maintenance									
	Channel Restoration	\$450,000	\$472,500	\$496,125	\$520,931	\$243,100	\$255,260	\$268,000	\$2,255,916
	Environmental Restoration	385,000	78,750	110,250	0	121,551	0	134,010	\$444,561
	Four Mile Run Watershed Improvements	1,226,819	0	0	0	0	0	0	\$0
	Four Mile Run Park & Stream Restoration	1,350,000	636,364	200,000	200,000	TBD	TBD	TBD	\$1,036,364
	Four Mile Run Channel Maintenance	500,000	200,000	200,000	100,000	0	0	0	\$500,000
	Stream and Channel Maintenance	525,000	551,250	330,750	347,288	364,652	382,884	402,029	\$2,378,853
	Flood of 2006 Restoration	0	661,500	694,576	729,303	765,769	804,058	0	\$3,655,206
	LESS REVENUES	1,424,800	350,000	0	0	0	0	0	\$350,000
	SUBTOTAL	\$3,012,019	\$2,250,364	\$2,031,701	\$1,897,522	\$1,495,072	\$1,442,202	\$804,039	\$9,920,900
Woodrow Wilson Bridge Project									
	Woodrow Wilson Bridge Project	\$15,624,669	\$4,689,000	\$0	\$0	\$0	\$0	\$0	\$4,689,000
	LESS REVENUES	15,624,669	4,689,000	0	0	0	0	0	\$4,689,000
	SUBTOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Projects		\$20,955,488	\$7,399,364	\$2,031,701	\$1,897,522	\$1,631,072	\$1,678,202	\$3,864,039	\$18,501,900
Less Total Revenues		\$17,049,469	\$5,039,000	\$0	\$0	\$0	\$0	\$0	\$5,039,000
TOTAL NET CITY COSTS		\$3,906,019	\$2,360,364	\$2,031,701	\$1,897,522	\$1,631,072	\$1,678,202	\$3,864,039	\$13,462,900

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: Highly 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. A total of \$2.2 million remains unfunded due to fiscal constraints.

Project History: A study undertaken by the City to evaluate the need for a new visitors' center concluded 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 April 2008. The design phase is expected to begin in Spring 2008 and be completed by Summer 2008. Depending on availability of funding, construction and installation of signs is expected to begin in FY 2010 at the earliest, with completion estimated in Spring 2011.

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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	50,000	0	0	TBD	TBD	TBD	TBD	0
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>2,200,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2,200,000</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	50,000	0	0	TBD	TBD	TBD	TBD	0
Capital Performance Measures								
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: A total of \$72,000 over two years (\$36,000 each year in FY 2012 and 2013) has been planned to provide identity signage at prominent entrances to residential neighborhoods. In addition, \$24,000 in prior year unallocated balance remains for this project. \$240,000 proposed over three years (\$120,000 in FY 2009; and \$60,000 in both FY 2010 and FY 2011) remains unfunded due to budget constraints.

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 2009							Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	24,000	0	0	0	36,000	36,000	TBD	72,000	
<i>Unfunded</i>	<i>0</i>	<i>120,000</i>	<i>60,000</i>	<i>60,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>240,000</i>	
Less Revenues	0	0	0	0	0	0	0	0	
Net City Share	24,000	0	0	0	36,000	36,000	TBD	72,000	

Street Cans

Subsection: City-wide Amenities
Managing Department: T&ES

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

Project Summary: This project provides funding for the replacement of old and damaged street cans with new ornamental street cans citywide.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required beyond those completed in FY 2008.

Project History: This project was completed in FY 2008 as cans were replaced on a City-wide basis, starting from the outer boundaries of the City and working toward Old Town. The street can replacement program replaced cans on King Street between the waterfront and the King Street Metro Station, the entire length of Washington Street, Duke Street from the City's western boundary to Callahan Drive, on the remaining portion of Duke Street (in FY 2007), and on the entire length of Mount Vernon Avenue.

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

Street Cans	Unallocated Balance	FY 2009							Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
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	

Community Development

Miscellaneous Street Cans/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 cans and lighting citywide, particularly addressing deficiencies noted during the Inner City Walk in April 2006. \$300,000 remains in unallocated prior year funds for this 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.

Misc. Street Cans/Street Lighting	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	300,000	0	0	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

Downtown Transportation & Parking

Subsection: Neighborhood Planning

Estimated Useful Life of Improvement: Not Applicable at this time

Managing Department: T&ES

Priority: 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 2014) 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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	0	TBD	TBD	TBD	TBD	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	TBD	TBD	TBD	TBD	10,000	10,000

Community Development

Mt. Vernon Avenue Improvements

Subsection: Neighborhood Planning
 Managing Department: T&ES

Estimated Useful Life of Improvement: Permanent
 Priority: Desirable

Project Summary: This project provides for the undergrounding of utility wires and streetscaping along the length of Mt. Vernon Avenue.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) in the event that additional improvements on Mount Vernon Avenue are required in a future CIP.

Project History: This project began in the early 1990's with a commercial revitalization program, partially funded with Community Development Block Grants. Public improvements have included the undergrounding of utility wires and street beautification, including tree planting, the installation of new brick sidewalks, the repair of curbs and gutters, crosswalks, and the installation of street furniture and street signs. These improvements are in accordance with the Mount Vernon Avenue Urban Design Guidelines as adopted by the City Council in 1993. The Mt. Vernon Avenue improvements have been phased in over a number of years. The first four phases covered the area extending from the Alexandria City limits at Four Mile Run to Bellefonte Avenue.

Operating Impact: Each street tree planted during this project requires approximately \$300 in maintenance costs each year for the first three years. For each year after that the maintenance costs drop to around \$25. Replacing street trees costs around \$300 per tree depending on the specific species.

Mt. Vernon Ave. Streetscape	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

Mt. Vernon Avenue Light Fixtures

Subsection: Neighborhood Planning
 Managing Department: Planning & Zoning

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

Project Summary: This project provides a grant program to support the installation of building-mounted lights along Mt. Vernon Avenue. 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: \$10,000 is budgeted in FY 2009 to begin implementation of this project. \$20,000 proposed over two years (\$10,000 in both FY 2009 and FY 2010) remains unfunded due to fiscal constraints.

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

Mt. Vernon Ave. Light Fixtures	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	10,000	0	0	0	0	0	10,000
Unfunded	0	10,000	10,000	0	0	0	0	20,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	10,000	0	0	0	0	0	10,000

Community Development

Route 1 Beautification

Subsection: Neighborhood Planning
Managing Department: T&ES/Recreation

Estimated Useful Life of Improvement: 20 Years/ absent storm damage
Priority: Desirable

Project Summary: This project provides funding for safety and beautification improvements along Route 1 (Jefferson Davis Highway) to coincide with the development of Potomac Yard. For information regarding roadway/traffic capital projects associated with Route 1, the Monroe Avenue Bridge and Potomac Yard, please refer to the capital project entitled "Potomac Yard Road and Bridge Improvements" in the Street, Bridge, and Pedestrian Improvements section of the CIP document. \$20,000 in unallocated prior year monies remain to provide for the planting of trees along Route 1 to coincide with future development and completion of street improvements.

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

Operating Impact: Each street tree planted during this project requires approximately \$300 in maintenance costs each year for the first three years. For each year after that the maintenance costs drop to around \$25. Replacing street trees costs around \$300 per tree, depending on the specific species.

Route 1 Beautification	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	20,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	20,000	0	0	0	0	0	0	0

Redevelopment of Arlandria

Subsection: Neighborhood Planning
Managing Department: Planning & Zoning/T&ES

Estimated Useful Life of Improvement: 40+ years
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 remains in unallocated prior year balance for this project.

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. To this date, 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. The \$500,000 in unallocated prior year balance is to be used to complete additional improvements in the area, including pedestrian bulb-outs and crosswalks along Mt. Vernon Ave. and West Glebe Rd., the installation of speed tables on Four Mile Run and Old Dominion Blvd., and the installation of pavers along sidewalks on Bruce Street. 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.

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

Redevelop. of Arlandria	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	500,000	0	0	0	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

Community Development

Streetscape Improvements

Subsection: Neighborhood Planning
Managing Department: Planning & Zoning

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

Project Summary: This project provides a total of \$300,000 in funding over three years (\$100,000 each year in FY 2009; FY 2012; and FY 2013) for streetscape enhancements such as new street furniture, wider sidewalks, new plantings, and other related improvements for King Street, Braddock Road area, and Landmark/Van Dorn. Specifically, Planning and Zoning will work to implement adopted and pending the development of specific plans. Also, they will develop a streetscape plan for the areas mentioned above and work with T&ES and RP&CA to implement this plan.

Changes from Prior Year: \$300,000 proposed over three years (\$100,000 in FY 2009 – FY 2011) remains unfunded due to fiscal constraints.

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

Streetscape Improvements	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	100,000	0	0	100,000	100,000	0	300,000
Unfunded	0	100,000	100,000	100,000	0	0	0	300,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	100,000	0	0	100,000	100,000	0	300,000

Landmark Redevelopment

Subsection: Neighborhood Planning
Managing Department: City Manager's Office

Estimated Useful Life of Improvement: TBD
Priority: Essential

Project Summary: This project could provide for the funding of City infrastructure related to the future redevelopment of Landmark Mall. 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.

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

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 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 to support the overall budget of the City.

Landmark Redevelopment	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000

Community Development

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 waterfront 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: \$450,000 previously budgeted in FY 2009 was shifted to FY 2008 in order to coincide with the opening of the National Harbor in Maryland. In addition, a total of \$3.1 million is planned over two years (\$100,000 in FY 2013; and \$3 million in FY 2014) for the next cycle of dredging.

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 will allow the docking of water taxis coming from the National Harbor and other large ships, which could bring in additional visitors to the downtown area.

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

City Marina Dredging	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	0	0	0	0	100,000	3,000,000	3,100,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	100,000	3,000,000	3,100,000

Lower King Street Flood Mitigation

Subsection: Potomac Waterfront Improvements
Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years, absent storm damage
Priority: Desirable

Project Summary: This project provides for a comprehensive study 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.

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

Project History: \$500,000 was allocated in 2005 to perform this study and a consultant was hired in the Spring 2006. The study is expected to be completed in Fall 2008.

Operating Impact: Full operating impacts cannot be accurately estimated until the planning and design phases of this project are complete.

Lower King St. Flood	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000

Community Development

Municipal Waterfront Improvements

Subsection: Potomac Waterfront Improvements
Managing Department: Planning & Zoning/T&ES

Estimated Useful Life of Improvement: 25 years
Priority: Desirable

Project Summary: This project provides for general improvements and maintenance to the City's waterfront, including open space area improvements and active park area improvements. These improvements are consistent with the existing Waterfront Master Plan and include planned improvements in that Master Plan to Waterfront Park, lower King Street, and the South Waterfront area, which include Jones Point, the Ford Plant, and the Old Town Yacht Basin. In early 2006, a new planning process was initiated for the City's waterfront areas. The CIP does not contain funding for any work proposed by this planning process beyond land acquisition funds included in the Open Space/Land Acquisition element of this CIP. In FY 2007 and FY 2008, Open Space Land Acquisition and Development monies will continue to be used to acquire land along the City's waterfront (see Recreation and Parks section of the CIP for funding details).

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

Project History: In 1999, \$674,000 was allocated to provide funding for the removal of deteriorating piles at the Old Town Yacht basin; for the inspection and repair of the waterfront bulkhead at Point Lumley Park; and the inspection and repair of dolphins used for tying up and docking large boats. \$350,000 was allocated to provide for the installation of a dry pipe system as a more effective means of combating a fire. A total of \$850,000 was allocated in September 2001 to fund the planned repairs to the bulkhead at Point Lumley Park, including complete steel sheet piling replacement and landscaping; and modifications to the pier in front of the Chart House including mooring piles and a dolphin to render it suitable for the receipt and docking of mid-size boats. An additional \$100,000 was spent in FY 2003 to complete the improvements. In November 2007, new capital funding of \$892,743 for marina and signage improvements related to the National Harbor initiative were approved by Council.

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

Waterfront Improvements	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	TBD	TBD	TBD	TBD	TBD	10,000	10,000

Community Development

Channel Restoration

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

Estimated Useful Life of Improvement: 5 years
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 \$2.26 million is planned over six years (FY 2009 – FY 2014) for this project. In addition, \$450,000 in prior-year unallocated balances remain.

Changes from Prior Year: Annual funding has been extended to the out-year (FY 2014) and compounded by 5 percent per year to account for increases in costs.

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 (included \$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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	450,000	472,500	496,125	520,931	243,100	255,260	268,000	2,255,916
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	450,000	472,500	496,125	520,931	243,100	255,260	268,000	2,255,916

Community Development

Environmental Restoration

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

Estimated Useful Life of Improvement: 25 years
Priority: Essential

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 \$444,561 is planned over four years (\$78,750 in FY 2009; \$110,250 in FY 2010; \$121,551 in FY 2012; and \$134,010 in FY 2014) for this project.

Changes from Prior Year: \$134,010 has been added to FY 2014 to continue this program.

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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	385,000	78,750	110,250	0	121,551	0	134,010	444,561
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	385,000	78,750	110,250	0	121,551	0	134,010	444,561

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 have been no changes in funding for this capital project.

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

4 Mile Run Watershed Improvements	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	1,226,819	0	0	0	0	0	0	0
Less Revenues	674,800	0	0	0	0	0	0	0
Net City Share	552,019	0						

Community Development

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. The local match required in the amount of \$400,000 is planned over two years (\$200,000 in FY 2010 and FY 2011) for this project. The funding levels for FY 2012- FY 2014 are yet to be determined and may require adjustment as the US Army Corps of Engineers Feasibility Study is completed.

Changes from Prior Year: A total of \$1.04 million is planned over three years (\$636,364 in FY 2009 and \$200,000 in FY 2010 and FY 2011) for this project. Of the \$636,364 budgeted in FY 2009, \$350,000 represents grant funding, leaving \$286,364 as the City share.

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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	1,350,000	636,364	200,000	200,000	TBD	TBD	TBD	1,036,364
Less Revenues	750,000	350,000	0	0	0	0	0	350,000
Net City Share	600,000	286,364	200,000	200,000	TBD	TBD	TBD	686,364

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 \$500,000 is planned over three years (\$200,000 in FY 2009 and FY 2010; and \$100,000 in FY 2011) for this project. In addition, \$500,000 remains in unallocated prior year balances.

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

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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	500,000	200,000	200,000	100,000	0	0	0	500,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	500,000	200,000	200,000	100,000	0	0	0	500,000

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 \$2.4 million over six years (FY 2009 – FY 2014) 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, \$525,000 remains in unallocated prior-year balances for this project.

Changes from Prior Year: Annual funding has been extended to the out-year (FY 2014) 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	525,000	551,250	330,750	347,288	364,652	382,884	402,029	2,378,853
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	525,000	551,250	330,750	347,288	364,652	382,884	402,029	2,378,853

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 \$3.66 million in funding over five years (FY 2009 – 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: Funding in FY 2009 – FY 2013 has been compounded by 5 percent per year to account for increases in costs.

Project History: In September 2007, \$453,000 was allocated for the replacement of Cameron Run Weir #4 that was destroyed during the flood events of June/July 2006.

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

Flood of 2006 Restoration	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	661,500	694,576	729,303	765,769	804,058	0	3,655,206
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	661,500	694,576	729,303	765,769	804,058	0	3,655,206

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 of 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.

Changes from Prior Year: 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 Freedmen's Cemetery 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.

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. It is contemplated that a national design competition initiated in 2008 will establish those features.

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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	15,624,669	4,689,000	0	0	0	0	0	4,689,000
Less Revenues	15,624,669	4,689,000	0	0	0	0	0	4,689,000
Net City Share	0	0	0	0	0	0	0	0

PAGE INTENTIONALLY LEFT BLANK

RECREATION & PARKS

Recreation and Parks

PAGE INTENTIONALLY LEFT BLANK

Recreation and Parks

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Renovated or Expanded Rec Facilities									
	All-City Sports Facility	\$800,000	\$0	\$6,790,000	\$2,910,000	\$0	\$0	\$0	\$9,700,000
	Recreation Projects TBD	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
	Charles Houston Recreation Center	0	0	0	0	0	0	10,000	\$10,000
	Charles Houston Undergrounding	0	0	0	0	0	0	10,000	\$10,000
	Chinquapin Park and Recreation Center	100,000	0	0	0	850,000	10,000,000	9,300,000	\$20,150,000
	Patrick Henry Recreation Center	500,000	0	0	0	0	0	0	\$0
	LESS REVENUES	0	0	5,000,000	0	0	0	0	\$5,000,000
	SUBTOTAL	\$900,000	\$600,000	\$1,790,000	\$2,910,000	\$850,000	\$10,000,000	\$9,320,000	\$25,470,000
Recreation Facilities Improvements									
	Facilities Renovations	\$0	\$500,000	\$370,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,870,000
	Lee Center	25,000	0	0	0	0	0	0	\$0
	Needs Assessment	0	0	0	0	0	0	10,000	\$10,000
	Public Pools	0	49,613	52,093	54,698	57,433	60,304	63,319	\$337,460
	Marina	0	49,613	52,093	54,698	57,433	60,304	63,319	\$337,460
	Warwick Pool	0	0	0	0	TBD	TBD	10,000	\$10,000
	LESS REVENUES	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$25,000	\$599,226	\$474,186	\$609,396	\$614,866	\$620,608	\$646,638	\$3,564,920
Open Space Acquisition & Development									
	Open Space Acquisition & Development	\$8,091,536	\$2,039,524	\$2,054,544	\$2,156,529	\$2,353,813	\$2,561,738	\$2,778,390	\$13,944,538
	LESS REVENUES	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$8,091,536	\$2,039,524	\$2,054,544	\$2,156,529	\$2,353,813	\$2,561,738	\$2,778,390	\$13,944,538
Park Improvements									
	ADA Requirements	\$25,000	\$27,563	\$28,941	\$0	\$31,907	\$33,503	\$35,178	\$157,092
	Athletic Field Improvements	50,000	892,500	937,125	0	783,180	834,839	876,581	\$4,324,225
	Community Running Track	0	0	0	0	0	0	10,000	\$10,000
	Miracle Field	0	0	0	0	0	0	10,000	\$10,000
	Ball Court Renovations	0	137,813	578,813	151,938	159,535	167,512	175,888	\$1,371,499
	Boothe Court	0	0	0	0	0	0	10,000	\$10,000
	Bike Trails	84,850	84,892	0	93,593	98,273	103,187	108,346	\$488,291
	Cameron Station	25,000	0	0	0	0	0	0	\$0
	Drainage Improvements	0	0	0	0	0	0	10,000	\$10,000
	Fort Ward Park	8,000	27,563	0	30,387	31,907	33,502	35,177	\$158,536
	Irrigation Controllers	0	329,250	0	0	127,628	134,000	140,700	\$731,578
	Landscaping of Public Sites	0	107,494	112,869	118,512	124,438	130,660	137,193	\$731,166
	Public Site Trees	0	107,494	112,869	118,512	124,438	130,660	137,193	\$731,166
	Park and Playground Renovations	0	176,400	185,220	194,481	204,205	214,415	225,135	\$1,199,856
	Skate Park	0	0	0	0	0	0	10,000	\$10,000
	Windmill Hill Park	1,323,500	0	0	0	0	0	0	\$0
	Timberbranch Park	0	0	0	0	0	0	10,000	\$10,000
	LESS REVENUES	0	5,000	5,000	5,000	5,000	5,000	5,000	\$30,000
	SUBTOTAL	\$75,000	\$1,885,969	\$1,950,837	\$702,423	\$1,680,511	\$1,777,278	\$1,926,391	\$9,923,409
Total Projects		\$11,032,886	\$5,129,719	\$11,274,567	\$6,383,348	\$5,504,190	\$14,964,624	\$14,676,419	\$57,932,867
Less Total Revenues		\$0	\$5,000	\$5,005,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,030,000
TOTAL NET CITY COSTS		\$11,032,886	\$5,124,719	\$6,269,567	\$6,378,348	\$5,499,190	\$14,959,624	\$14,671,419	\$52,902,867

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:** Very Desirable
Phase: Phase 3-4

Project Summary: 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.).

Due to significant CIP funding constraints in FY 2010 and FY 2011, City Council has raised questions about the timing and affordability of this project. As a result, Council will consider whether or not to proceed with this project at a CIP worksession in Fall 2008.

The total cost of this project is currently estimated at \$11.8 million (\$0.7 million has been allocated; \$0.8 million in prior year funds remain unallocated; \$6.79 million in FY 2011; \$2.91 million in FY 2012; and \$0.6 million to be possibly funded in future CIPs). \$5.0 million in private contributions might be raised to help offset City costs. \$6,790,000 is planned in FY 2011 and \$2,910,000 is planned in FY 2012. This funding schedule may change significantly depending on Council action at the CIP worksession in the fall.

Changes from Prior Year: City Council reprogrammed \$600,000 in prior year unallocated funds from this project to a to-be-determined project during the add/delete deliberations. If City Council decides to move forward with this project in the Fall, these funds will be replenished in a future CIP.

Project History: \$0.8 million in unallocated prior year monies will provide for the architectural and engineering services required for this project during FY 2009. City Council had planned that the \$5.0 million to come from private fund raising efforts of the Alexandria Capital Development Foundation (ACDF) needed to be substantially under way with 75 percent of this private fund-raising pledged, or in hand, prior to the City going to bid for construction of the All-Sports Facility project. Council decided not to fund the \$260,000 for private fundraising by FY 2010, and as a result, the ACDF has decided not to continue in operation.

Customer Service Level Impact: Once completed, the facility will enable RPCA to increase the number of games played, therefore improving response to resident demand for field time. Less maintenance staff time will be needed to prepare the field for games due to the lack of need for seeding, watering, mowing, trimming, and top dressing with a synthetic field. The project will provide residents with a more professional and safe sports environment for players and spectators. The project will also create a facility where events that are currently rejected due to the lack of an appropriate space (size, amenities, parking, & spectator seating) can be conducted successfully. Failure to move forward on the project would result in a continued lack of a large outdoor sports facility, as well as a loss of spectator opportunities for City teams, sports competitions, and special events.

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. Initial estimates are in the range of \$140,000 per year in labor costs to operate this facility. There are revenue earning possibilities to help offset these added operating costs.

All-City Sports Facility	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	800,000	0	6,790,000	2,910,000	0	0	0	9,700,000
Less Revenues	0	0	5,000,000	0	0	0	0	5,000,000
Net City Share	800,000	0	1,790,000	2,910,000	0	0	0	4,700,000

Capital Performance Measures
On-time (within projected time period)
On-budget (within projected range of costs)
% reduction in maintenance staff hours
Increase in number of events (i.e. spectator, evening, large, & special events)

Recreation and Parks

Recreation Projects TBD

Subsection: Renovated / Expanded Recreation Facilities **Estimated Useful Life of Improvement:** Unknown
Managing Department: Recreation **Priority:** Desirable

Project Summary: This project provides funds for a to-be-determined recreation project. Due to the significant CIP funding shortfall, City Council reprogrammed these funds from All-City Sports Facility prior year funding to be set aside for a future to-be-determined CIP project.

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

Project History: \$600,000 in FY 2009 funding was reprogrammed from a previously unallocated balance in the All-City Sports Facility project.

Operating Impact: Operating impacts will be calculated when specific projects are identified.

Recreation Projects TBD	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	600,000	0	0	0	0	0	600,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	600,000	0	0	0	0	0	600,000

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 Spring of 2009.

Changes from Prior Year: \$10,000 has been added in the out-year (FY 2014) 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.

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

Charles Houston Rec Center	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

Recreation and Parks

Charles Houston Undergrounding

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

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

Project Summary: \$2,000,000 in FY 2008 funding provided for the undergrounding of utilities on all four block faces of the new Charles Houston Recreation Center as a condition of the DSUP.

Changes from Prior Year: \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required for this project.

Project History: This was a new project in FY 2008, designed to coincide with the new Charles Houston Recreation Center project.

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

Charles Houston Undergrounding	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

Chinquapin Park and Recreation Center

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

Managing Department: Recreation/General Services **Priority:** 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 of 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 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.

Changes from Prior Year: The schedule for this project has been delayed by three years due to funding constraints.

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 establish program and concept alternatives. Design and detailed drawings are estimated to begin in FY 2012, with construction following in FY 2013 and FY 2014.

Recreation and Parks

Chinquapin Park and Recreation Center, continued

Customer Service Level Impact: The renovation and expansion of the Chinquapin Park 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 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 2009							Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	100,000	0	0	0	850,000	10,000,000	9,300,000	20,150,000	
Less Revenues	0	0	0	0	0	0	0	0	
Net City Share	100,000	0	0	0	850,000	10,000,000	9,300,000	20,150,000	

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

Patrick Henry Recreation Center

Subsection: Renovated /Upgraded 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 2008. The funding necessary to complete the design and construction phases of this renovation process is not included in the FY 2009 – FY 2014 CIP. Initial 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: Funding for this project is not currently planned in FY 2009 – FY2014 due to overall CIP funding constraints.

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 2009							Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	500,000	0	0	0	0	0	0	0	
<i>Unfunded</i>	0	<i>200,000</i>	<i>2,400,000</i>	<i>2,500,000</i>	0	0	0	<i>5,100,000</i>	
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	

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: To address the space and programming needs at the City's heavily-used neighborhood recreation centers and park facilities. The current CIP includes \$2.9 million (\$500,000 in FY 2009, \$370,000 in FY 2010, and \$500,000 in FY 2011 through FY 2014) to provide an annual funding stream to address capital needs on a prioritized basis. RPCA currently has a backlog of maintenance needs that have gradually built up due to insufficient funding in prior years. These projects must be prioritized against new needs throughout the year. Also, the planned budget for FY 2010 is \$370,000, as opposed to \$500,000, due to overall CIP funding constraints in that fiscal year.

Changes from Prior Year: Beginning in FY 2009, the budget for recreation facilities improvements increased to \$500,000 per year (only \$370K funded in FY 2010) in order to help maintain the City's recreation infrastructure and to counter the ever-increasing cost of materials and services used in this program.

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 based on the program planning survey that was completed in FY 2003.

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

Facilities Renovations	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	500,000	370,000	500,000	500,000	500,000	500,000	2,870,000
<i>Unfunded</i>	0	0	130,000	0	0	0	0	130,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	500,000	370,000	500,000	500,000	500,000	500,000	2,870,000

Lee Center

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

Estimated Useful Life of Improvement: 40 years
Priority: Desirable

Project Summary: \$25,000 in unallocated prior year design money remains for the renovation and modernization of the Lee Center's commercial kitchen.

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

Project History: \$88,000 in unallocated prior year monies was transferred from the Drainage Improvements project to the Lee Center project in FY 2004 to fund the installation of a security system at the Lee Center. The work was completed in FY 2008.

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

Lee Center	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	25,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	25,000	0	0	0	0	0	0	0

Recreation and Parks

Needs Assessment

Subsection: Recreation Facilities Improvements **Estimated Useful Life of Improvement:** Not estimated
Managing Department: Recreation **Priority:** Desirable

Project Summary: The City plans to conduct a needs assessment for the Department of Recreation, Parks, and Cultural Activities that would establish priorities for future service, program, and facility needs. Cost estimates for this study are around \$300,000. This amount is not currently funded in the plan. Potential funding and schedules for this project will be revisited in future CIP's.

Changes from Prior Year: \$300,000 in FY 2010 funding for this project is not included in the FY 2009 – FY 2014 CIP. \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required for this project.

Project History: This project was originally planned in the FY 2007 CIP.

Operating Impact: This project will have no impact on the operating budget, but future implementation of the study's recommendations may impact the budget.

Needs Assessment	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	0	0	0	0	0	10,000	10,000
<i>Unfunded</i>	0	0	300,000	0	0	0	0	300,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

Public 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.

Changes from Prior Year: \$63,319 in funding has been included in the FY 2014 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. These costs are likely to be in some yet-to-be-determined amount significantly above the amount budgeted in the CIP for FY 2009-2014. This project formerly lumped together funding for the Public Pools program and the Marina program. These projects will now be listed separately in the CIP.

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

Public Pools	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	49,613	52,093	54,698	57,433	60,304	63,319	337,460
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	49,613	52,093	54,698	57,433	60,304	63,319	337,460

Recreation and Parks

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 \$337,460 over six years is planned for this maintenance program. This project formerly lumped together funding for the Public Pools program and the Marina program. These projects will now be listed separately in the CIP.

Changes from Prior Year: \$63,319 has been added to the out-year to continue this on-going maintenance program.

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

Marina	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	49,613	52,093	54,698	57,433	60,304	63,319	337,460
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	49,613	52,093	54,698	57,433	60,304	63,319	337,460

Warwick Pool

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

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 both the pool and the adjoining changing room facilities. \$250,000 in FY 2008 funding will be used for the engineering and architectural services, and to determine the scope of the project. Specific funding levels for construction will be defined once the project scope is determined and the engineering and architectural work has been completed. Planning of the program will begin in the spring of 2008.

Changes from Prior Year: The \$1.5 million planned for construction in the FY 2008 – FY 2013 CIP for FY 2009 has been retracted until the project is more fully structured. The current plan has to-be-determined amounts for FY 2012 and FY 2013.

Project History: The facility has been leased to and maintained by the City for 29 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. The pool lacks zero-depth entry, water features, and amenities that more current aquatic facilities typically offer. 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 of this facility.

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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	0	0	0	TBD	TBD	10,000	10,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	TBD	TBD	10,000	10,000

Recreation and Parks

Open Space Acquisition and Development

Subsection: Open Space Acquisition and Development **Estimated Useful Life of Improvement:** Perpetual
Managing Department: Recreation/Open Space **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. Specifically, in FY 2008 the City will be targeting for acquisition open space parcels approved by City Council as valuable open space, including properties along the Potomac waterfront and a potential pocket park.

Changes from Prior Year: These budget numbers are adjusted annually to reflect projected revenues from dedicated real estate taxes.

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 \$657,000 in FY 2009, \$713,000 in FY 2010, and \$719,000 in FY 2011 and into the out years. These costs are rough estimates and may vary greatly depending upon the amount and type of land acquired through this project.

Open Space Acquisition&Dev.	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	8,091,536	2,868,850	2,868,850	2,954,916	3,132,210	3,320,143	3,519,352	18,664,321
Debt Service	0	(829,326)	(814,306)	(798,387)	(778,397)	(758,405)	(740,962)	(4,719,783)
Total Expenditures	8,091,536	2,039,524	2,054,544	2,156,529	2,353,813	2,561,738	2,778,390	13,944,538
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	8,091,536	2,039,524	2,054,544	2,156,529	2,353,813	2,561,738	2,778,390	13,944,538

OPEN SPACE SOURCES AND USES			
	FY 2007	FY 2008	FY 2009
Sources			
Opening Balance	\$10,853,355	\$7,636,427	\$9,314,083
Dedicated Real Estate taxes	2,658,608	2,719,869	2,868,850
Adjustment for Actual Tax as Adjusted in Prior Year	275,703	TBD	TBD
Bond Issuance	-	TBD	TBD
SOURCES SUBTOTAL	13,787,666	10,356,296	\$12,182,933
Uses			
Land Acquisition	5,108,655	TBD	TBD
Debt Service	864,373	844,346	829,325
Open Space Coordinator/1	78,211	97,867	102,643
N. VA Conservation Trust	50,000	50,000	50,000
Miscellaneous	50,000	50,000	50,000
USES SUBTOTAL	6,151,239	1,042,213	1,031,968
Ending Balance	7,636,427	9,314,083	11,150,965
Acres Purchased	2.007	at least 0.873	TBD
/1 Includes salary and benefits			

Recreation and Parks

ADA Requirements

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: 25 years
Priority: Essential

Project Summary: This program provides \$157,092 in funding over six years for meeting ADA accessibility requirements in park play areas. According to the regulations, not only must new playgrounds be ADA accessible, but any renovation to existing play areas must also comply with accessibility requirements. Meeting these requirements will increase the cost of any new play area renovations.

Changes from Prior Year: Funding for FY 2011 is not currently included in the CIP plan due to overall CIP funding constraints in that fiscal year.

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.

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

ADA Requirements	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	25,000	27,563	28,941	0	31,907	33,503	35,178	157,092
<i>Unfunded</i>	0	0	0	30,388	0	0	0	30,388
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	25,000	27,563	28,941	0	31,907	33,503	35,178	157,092

Recreation and Parks

Athletic Field Improvements

Subsection: Park Improvements **Estimated Useful Life of Improvement:** 10 years, depending on use
Managing Department: Recreation **Priority:** Essential
Phase: Phase 4 (Bidding Process) on Ft. Ward Field; Phase 2-3 (Public Input, Alternatives Analysis) on Braddock Fields

Project Summary: A total of \$4.3 million over six years (FY 2009 - FY 2014) has been planned to implement the City's synthetic turf program. Currently, the 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.

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. \$876,581 in FY 2014 funding has been added to continue the annual program.

Schedule: The plan is to replace one field each year with synthetic sports turf. The City's first synthetic field was completed at Minnie Howard in October 2007. Replacement of the Ft. Ward field is scheduled for 2008, followed by Braddock and lower Hammond in FY 2009 and FY 2010.

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: Operating costs associated with this project are projected at \$140,000 in FY 2009, \$410,000 in FY 2010, and \$480,000 in FY 2011 and into the out-years. These estimates may change once the Department obtains actual operating impacts with the installation of the first artificial turf field. Until then, the Department's estimates are based upon industry standards and data from neighboring jurisdictions. Some cost savings will also be realized through decreased repair and maintenance expenses.

Athletic Field Improvements	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	50,000	892,500	937,125	0	783,180	834,839	876,581	4,324,225
Unfunded	0	0	0	983,981	0	0	0	983,981
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	50,000	892,500	937,125	0	783,180	834,839	876,581	4,324,225

Capital Performance Measures
On-time (within projected time period)
On-budget (within projected range of costs)
Increased number of hours played on field (games and practices)
Number of maintenance hours saved
% of positive participant evaluation of field

Recreation and Parks

Community Running Track

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: 15 years
Priority: Desirable

Project Summary: This project provides funds for the possible future planning and development of a running track.

Changes from Prior Year: This is a new project, not previously in the CIP. \$10,000 has been added to FY 2014 as a placeholder for the purpose of providing a running track.

Operating Impact: Accurate impacts on departmental operating costs and estimated revenues cannot be determined until the design of this track has been finalized.

Community Running Track	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

Miracle Field

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: 15 years
Priority: Desirable

Project Summary: This project involves purchasing and installing 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. Miracle Field was originally scheduled to be installed at the Nannie J. Lee Recreation Center sometime in early spring of CY 2009, depending on weather conditions. Due to funding constraints in the current CIP, this project is no longer planned for FY 2009. Funding for this project will be revisited during the development of future CIP's.

Changes from Prior Year: The \$250,000 planned in FY 2009 for this project is not funded in the current CIP. \$10,000 has been added in the out-year as a placeholder in case future capital investments are necessary.

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

Miracle Field	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	0	0	0	0	0	10,000	10,000
<i>Unfunded</i>	0	<i>250,000</i>	<i>0</i>	<i>0</i>	0	0	0	<i>250,000</i>
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

Ball Court Renovations

Subsection: Park Improvements
 Managing Department: Recreation

Estimated Useful Life of Improvement: 15 years
 Priority: Essential

Project Summary: A total of \$1.37 million is planned over six years (FY 2009 -FY 2014) for the renovation and update of the City's outdoor courts. RPCA is responsible for the upkeep of 39 tennis courts and 29 basketball courts throughout the City. These courts are subjected to constant use 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. The prioritized schedule has been prepared by Park Maintenance and is based on current condition, utilization, commonality, and budgeted resources. Also, an additional \$420,000 has been planned in FY 2010 for the renovation of the tennis courts at Montgomery Park, located at North Royal and Montgomery Streets.

Changes from Prior Year: \$175,888 has been added to the out-year to continue this annual maintenance program.

Project History: Historically, the Department has been able to renovate around three courts per year with funding levels comparable to those currently planned.

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

Ball Court Renovations	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	137,813	578,813	151,938	159,535	167,512	175,888	1,371,499
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	137,813	578,813	151,938	159,535	167,512	175,888	1,371,499

Boothe Court

Subsection: Park Improvements
 Managing Department: Recreation

Estimated Useful Life of Improvement: 15 years
 Priority: Desirable

Project Summary: The current configuration of the existing ball courts at the park includes two tennis courts and one multipurpose court (can be configured for either tennis or basketball). There is no separation between the basketball court and the tennis courts, which has lead to overlap and conflict in play. This project would complete the construction of a new basketball court. The completion of Boothe Court will provide Samuel Tucker Elementary School an additional hard court area. The current CIP does not include the FY 2009 funding necessary to complete this project. Funding will be revisited in future CIP's.

Changes from Prior Year: \$150,000 in FY 2009 funding is no longer included in the CIP. \$10,000 has been added in FY 2014 as a placeholder in case future capital investment is desired for this project.

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

Boothe Court	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	0	0	0	0	0	10,000	10,000
Unfunded	0	150,000	0	0	0	0	0	150,000
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

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. Funding for FY 2009 includes \$69,892 for trail construction and \$15,000 for maintenance work on existing trails and signage. 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.

Changes from Prior Year: \$89,137 in FY 2010 is not included in this CIP due to overall CIP funding constraints for that fiscal year. \$108,346 has been added to the out-year (FY 2014) in order to continue this annual maintenance program.

Project History: 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 21st 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	84,850	84,892	0	93,593	98,273	103,187	108,346	488,291
<i>Unfunded</i>	0	0	<i>89,137</i>	0	0	0	0	<i>89,137</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	84,850	84,892	0	93,593	98,273	103,187	108,346	488,291

Recreation and Parks

Cameron Station

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: 20 years
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: There has been no change in funding for this project.

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. This money remains unspent and unallocated.

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

Cameron Station	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	25,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	25,000	0	0	0	0	0	0	0

Drainage Improvements (George Mason Park)

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: 30 years
Priority: Desirable

Project Summary: Many of the City's parks have serious drainage problems that make them unusable for extended periods of time after inclement weather. Funding in this project will be used to address drainage and grading problems at park sites and ball fields. Funding in FY 2008 was specifically used for drainage issues at George Mason Park. In the future, specific park projects will include drainage elements and the drainage project account will be closed.

Changes from Prior Year: \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required for this project.

Project History: \$525,000 in FY 2008 funding was used to improve run-off at George Mason Park.

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

Drainage Improvements	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

Recreation and Parks

Fort Ward Park

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: 5 years
Priority: Very Desirable

Project Summary: \$158,536 in funding over 6 years for this project will be used to improve Fort Ward Park grounds, accessibility, and amenities (a separate project funds needs within the Historic Area). Specifically, Fort Ward Park has experienced significant flooding in parking areas. The adjacent turf area has been negatively impacted from vehicles parking, as well as by the washouts and gullies created from flooding. RPCA will address this issue by installing curbs and gutters along the park access road and parking area. Additionally, storm drains will be redirected to try to minimize flooding. This project is also intended to fund an eight-year replacement plan for park benches, picnic tables, trash receptacles, and grills, as well as fund on-going maintenance of restroom facilities, signs, picnic shelters, concrete amenity slabs, fences, nursery, and plantings within Fort Ward Park.

Changes from Prior Year: FY 2010 funding is not included in this CIP due to overall funding shortfalls for that fiscal year. \$35,177 has been added to FY 2014 to continue this annual maintenance program.

Project History: In FY 2002, \$8,000 was budgeted to build a small Butler building at Fort Ward Park. The money was reprogrammed to meet some of the needs described above.

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

Fort Ward Park	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	8,000	27,563	0	30,387	31,907	33,502	35,177	158,536
<i>Unfunded</i>	0	<i>0</i>	<i>28,941</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>28,941</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	8,000	27,563	0	30,387	31,907	33,502	35,177	158,536

Recreation and Parks

Irrigation Projects

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: 7-10 years
Priority: Very Desirable

Project Summary: \$731,578 over six years (\$329,250 in FY 2009, \$127,628 in FY 2012, \$134,000 in FY 2013, and \$140,700 in FY 2014) will fund the expansion and enhancement of the City's irrigation system. One aspect of the project calls for the current manual irrigation controllers in use at Four Mile Run, Founder's Park, and Simpson Park to be replaced with automatic irrigation controllers. Currently, the systems are set to timers, but they do not adjust for draughts, 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 has been hired to design 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. Individual irrigation projects will be prioritized and implemented as funding allows.

Changes from Prior Year: Funding for FY 2010 and FY 2011 has been removed from this CIP due to overall funding constraints in those fiscal years. Total funding for FY 2009, FY 2012, FY 2013, and FY 2014 has increased by about \$58K due to material and labor cost increases and additional sites being identified. Also, \$72,000 of the FY 2009 budget is due to the transfer of a T.C. Williams irrigation project from the School's CIP to the City's CIP.

Project History: \$210,000 in FY 2008 funding is being used to begin installing automatic irrigation controllers. This project includes the Irrigation Controllers program, the Irrigation of Public Sites program, and the Irrigation Systems program which were formerly listed separately. These projects will now be listed together in the CIP.

Operating Impact: This project will impact the RPCA operating budget by reducing water consumption and lowering maintenance costs at the parks with these controllers.

Irrigation	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	329,250	0	0	127,628	134,000	140,700	731,578
<i>Unfunded</i>	0	<i>0</i>	<i>270,132</i>	<i>121,550</i>	0	0	0	<i>391,682</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	329,250	0	0	127,628	134,000	140,700	731,578

Recreation and Parks

Landscaping of Public Sites

Subsection: Park Improvements
Managing Department: Recreation

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

Project Summary: This project provides an annual funding stream (\$701K over six years) to support the horticultural site landscaping program. The program includes annual funding to renovate and enhance selected City horticultural sites, which include street medians, tree wells, portals into the City, areas outside recreation centers, and other planted areas that are maintained by RPCA. In total, the department maintains 187 horticultural sites and over 600 tree wells, which periodically require renovations and enhancements.

Changes from Prior Year: \$137,193 in FY 2014 funding has been added to continue the annual funding stream for this project.

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

Landscaping of Public Sites	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	107,494	112,869	118,512	124,438	130,660	137,193	731,166
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	107,494	112,869	118,512	124,438	130,660	137,193	731,166

City Site Trees

Subsection: Park Improvements
Managing Department: Recreation

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

Project Summary: This project provides a total of \$761K over six years for the annual tree planting and care program to provide trees on public streets, in City parks, and in open spaces. The project 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: \$132,193 in FY 2014 funding has been added to continue the annual funding stream for this project.

Project History: 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 will be issuing a report in 2007. 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: This project will have no impact on the operating budget.

Public Site Trees	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	107,494	112,869	118,512	124,438	130,660	137,193	731,166
Less Revenues	0	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Net City Share	0	102,494	107,869	113,512	119,438	125,660	132,193	701,166

Recreation and Parks

Park and Playground Renovations

Subsection: Park Improvements
 Managing Department: Recreation

Estimated Useful Life of Improvement: 15 years
 Priority: Essential

Project Summary: \$1,199,856 is budgeted over six years to replace or repair deteriorating play equipment and to 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 replace park amenities, including benches, trash cans and picnic tables in parks. The playground renovation schedule places Stevenson and Tarleton playgrounds in FY 2009, Mulligan playground in FY 2010, Mt. Jefferson playground in FY 2011, Hoof's Run in FY 2012, and yet-to-be-determined playgrounds in FY 2013 and FY 2014.

Changes from Prior Year: \$225,135 in FY 2014 funding has been added to continue the annual funding stream for this project.

Project History: RPCA has historically used a playground renovation schedule to prioritize work within this project. The Department used FY 2007 funding to renovate and repair playground equipment in Nannie Lee and Ben Brenman Parks, and FY 2008 funding for Hunter Miller and Ewald playgrounds.

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

Park & Playground Renovations	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	176,400	185,220	194,481	204,205	214,415	225,135	1,199,856
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	176,400	185,220	194,481	204,205	214,415	225,135	1,199,856

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. Phase III of the skate park was completed in FY 2007. This phase added new elements to the park.

Changes from Prior Year: \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required for this project.

Project History: One June 22, 2003, City Council voted to name the skate park the Schuyler Hamilton Jones Skateboard Park at Luckett Field. A Skate Park Friends community group is working to raise additional funds to support future improvements of the skate park.

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

Skate Park	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

Recreation and Parks

Windmill Hill Park

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 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. Total project costs are estimated at \$3.1 million; includes \$1.3 million in prior year unallocated balance and \$1.8 million in yet-to-be identified funding.

\$1,756,250 planned for FY 2009 in the FY 2008 – FY 2013 CIP is not funded in the current plan. Funding constraints in FY 2009 and FY 2010 prevented the funding of this project. It will be revisited in future CIP processes to determine its future funding status.

Changes from Prior Year: FY 2009 funding for this project has been eliminated due to overall CIP funding constraints.

Project History: The design for renovation and enhancements of Windmill Hill Park was completed in FY 2002. \$250,000 was budgeted in FY 2007 to begin design and construction documents for the planned bulkhead.

Schedule: The RFP for this project was advertised in winter 2006; design/construction documents are expected to be completed in FY 2008. Construction was previously scheduled for FY 2010, but the current CIP proposal does not fund that portion of this project. 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 department is estimating approximately \$95,000 in annual operating impact from this project. These additional costs should be realized in FY 2010 following construction of the bulkhead.

Windmill Hill Park	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	1,323,500	0	0	0	0	0	0	0
<i>Unfunded</i>	0	0	1,756,250	0	0	0	0	1,756,250
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,323,500	0	0	0	0	0	0	0

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

Timberbranch Park

Subsection: Park Improvements
Managing Department: Recreation

Estimated Useful Life of Improvement: Not Estimated
Priority: Desirable

Project Summary: \$150,000 was budgeted in FY 2008 for the replacement of the Timberbranch Park Pedestrian Bridge abutments that support the wooden bridge. This pedestrian bridge is used daily and extends across Timberbranch Park/Stream and connects East Timberbranch Parkway with West Timberbranch Parkway. Inspection of the bridge revealed that the bridge stability is currently threatened by erosion caused by the stream flowing around the structure

Changes from Prior Year: \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required for this project.

Project History: Project design began in FY 2007. To allow sufficient time for engineering review and site work the plans are expected to be finished in the fall of CY 2008. The project will go through the SUP process once the final design is available.

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

Timberbranch Park	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

Recreation and Parks

PAGE INTENTIONALLY LEFT BLANK

Public Buildings

Public Buildings

PAGE INTENTIONALLY LEFT BLANK

Public Buildings

Error! Not a valid link.

Error! Not a valid link.

Beatley Library

Subsection: Libraries

Estimated Useful Life of Improvement: 40 years

Managing Department: General Services

Priority: Very Desirable

Project Summary: This project provides for capital maintenance of the Beatley Library, the most heavily used facility in the library system. A total of \$215,000 remains budgeted in prior year unallocated monies to provide interior lighting improvements at the library; a more secure garden area entrance; and interior painting. All improvements are scheduled to be completed in FY 2008.

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.

Error! Not a valid link.

Public Buildings

Fort Ward

Subsection: Preservation of Historic Facilities
Managing Department: General Services

Estimated Useful Life of Improvement: 5 years
Priority: Essential

Project Summary: This project provides for maintenance and improvements to the Fort Ward historic area. As a result of heavy use and weather, the bastions in the park have been subject to erosion in recent years. A continuous program to control the erosion problem in the historic areas of the park was initiated during FY 1985 and is programmed at \$12,000 per year through FY 2014 to address the continued wear and tear that results from visitors walking on the bastions and erosion. In addition to the erosion control program funds, \$60,260 has been budgeted in FY 2009 for the replacement of the wooden revetment (pole support) that lines the interior of the restored Northwest Bastion. The revetment is an integral component of the authentically restored bastion that helps support the earthwork walls of the fort and is a major visual element in the Civil war appearance of the bastion.

Changes from Prior Year: \$12,000 in annual funding for erosion control has been extended to FY 2014.

Project History: Since its reconstruction in 1963, the park and museum at Fort Ward have been very popular recreation facilities. Fort Ward is considered the best preserved of the system of forts and batteries built to protect Washington, D.C. during the Civil War. The fort site, which remains 90 percent intact, is surrounded by a 45 acre park. In FY 2001, an erosion control and geotechnical engineering study was performed to examine several large fissures that developed in the walled fortifications, specifically the Northwest Bastion. The study determined that stabilization work was necessary to prevent the cracked walls from breaking away.

Based on the results of the study, \$200,000 (\$140,000 in City share; \$60,000 in anticipated special revenue) was budgeted in FY 2006, to address mitigation of the stabilization problem. This funding was to be partially offset by grant funding from the State. In FY 2005, the Office of Historic Alexandria obtained alternative funding through the State and private donations raised by the Friends of Fort Ward to complete this stabilization project. As a result, \$200,000 in prior year unallocated monies were used to fund other necessary repairs. In FY 2008, the remaining balance of \$90,500 (\$84,000 in City monies and \$18,500 in State monies) was allocated to fully fund the following necessary repairs at Fort Ward: (1) replacement of the ceremonial entrance gate; (2) replacement of two gun carriages; (3) replacement of deteriorated gun platforms; and (4) repairs to the exterior and decorative trim of three other park buildings, including the museum, officer's hut and the restroom/equipment storage building.

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

Error! Not a valid link.

Friendship Firehouse

Subsection: Preservation of Historic Facilities
Managing Department: General Services

Estimated Useful Life of Improvement: 25 years
Priority: Desirable

Project Summary: This project provides for the preservation of Friendship Firehouse, originally constructed in 1855.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further major capital improvements are required beyond the repairs that were completed in FY 2007.

Project History: In FY 2004, a study was completed to evaluate the condition of the damp wall moisture at the Friendship Firehouse. The exterior improvements recommended in the study have been designed. In May 2006, \$92,000 was allocated for required interior water abatement improvements including the replacement of the plaster walls, installation of a floor drain, installation of a new concrete sub floor, and related finish work. It was determined that exterior waterproofing efforts would be performed in an initial phase. In FY 2007, the exterior water infiltration project was completed with the installation of a new foundation drainage system, new concrete sub floor and exterior waterproofing.

Friendship Firehouse, continued

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

Public Buildings

Error! Not a valid link.

Gadsby's Tavern

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

Project Summary: This project provides for the preservation of Gadsby's Tavern. The City is required to keep the Legion portion of the building in good working order and the building and its interior in an acceptable condition as part of the donation agreement by the American Legion of the Gadsby's Tavern building to the City.

Changes from Prior Year: A total of \$107,576 in grant funds has been budgeted in FY 2009. These grant funds (received from Federal, State, and private sources) will be used to offset the cost of the HVAC replacement (\$86,764) and the restoration of the ice well (\$20,812) at Gadsby's Tavern.

Project History: In June 2007, \$750,000 was allocated to complete the following projects: (1) replacement of the heating, ventilation and air conditioning (HVAC) system; (2) interior and exterior repairs; (3) ADA compliant restrooms; (4) replacement of the American Legion kitchen equipment; (5) refurbishing office spaces; (6) improvements to the courtyard; (7) improvements to an existing historic ice well structure; and (8) interior finishes and restoration that will be required subsequent to the completion of the HVAC work. The majority of these projects are scheduled to be completed in the Fall of 2009.

Operating Impact: This project is anticipated to have a positive impact on energy use and consumption through the utilization of Energy Star equipment and best industry practices. Precise calculations are not yet available because the project is in the equipment submittal stage.

Error! Not a valid link.

Public Buildings

The Lyceum

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

Project Summary: This project provides for the preservation of The Lyceum, including on-going maintenance needs.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further major capital improvements are required in a future CIP.

Project History: In May 2006, \$107,028 was allocated for repairs and improvements to the Lyceum including repairs to the building's foundation to prevent additional water damage caused by leaking rainwater and ground moisture; exterior painting; fire alarm replacement; and repairs to the heating, ventilation and air conditioning (HVAC) system.

In FY 2007, the foundation on the north side of the facility was water proofed and the sewer lines were cleared on the south side. This has alleviated the water infiltration. In addition, the alarm panel was upgraded; condensers were added to service the ballroom; and exterior painting was completed on the addition and the main building.

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

Error! Not a valid link.

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, and Archeology space located at the Torpedo Factory Arts Center. A total of \$2.04 million over six years (FY 2009 – FY 2014) has been planned for this project.

Changes from Prior Year: 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. \$1.6 million worth of work is currently underway, with the \$1.8 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.

Error! Not a valid link.

Stabler-Leadbeater Apothecary Museum (SLAM)

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

Project Summary: This project provides for the restoration and preservation of the Stabler-Leadbeater Apothecary Museum, a private, early 19th century apothecary museum and gift shop.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further major capital improvements are required in a future CIP.

Public Buildings

Project History: In FY 2004, \$515,000 was allocated for capital improvements at the Stabler-Leadbeater Apothecary Museum. These monies represented the remaining balance of a one-time grant in the amount of \$620,000 from the City for capital improvements at this facility. Private fundraising has been a key element of this capital improvement project. Work on the exterior of the building was largely accomplished during a previous renovation, which was privately funded. Due to increases in construction costs and inflation, an additional \$175,000 was budgeted in FY 2006 to fully fund and complete the project. The primary objectives of the project were to provide: (1) handicap access to the primary museum spaces and toilet; (2) a new code compliant fire stair; and (3) a full fire sprinkler and alarm system designed to protect the occupants, building and contents. In 2006, construction was completed and ownership and operation of the facility was transferred to the City. The facility reopened to the public in late 2006.

Operating Impact: This project will have no impact on the operating budget. It should be noted, however, that the City has now taken over operation of this museum and is budgeting \$81,910 to operate it in FY 2009.

Error! Not a valid link.

Torpedo Factory Repairs

Subsection: Preservation of Historic Facilities
Managing Department: General Services

Estimated Useful Life of Improvement: 25 years
Priority: Desirable

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 2014) 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.

Error! Not a valid link.

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. 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 Roth Street; demolition of the South Quaker Lane facility; relocation of the salt domes from the current approved Police facility site; environmental cleanup; and reconfiguration and new construction of impacted access and existing parking areas.

A total of \$76.1 million is planned over four years (\$3 million in FY 2009; \$27 million in FY 2010; \$37.1 million in FY 2011; and \$9 million in FY 2012) for this project. In addition, \$3.7 million is available from prior year unallocated balances. Of this amount, \$16.1 million represents costs associated with the purchase and installation of information technology equipment and for the safety communications center in the lobby.

Changes from Prior Year: Total funding for this project has been increased by \$11.6 million to reflect increases in construction costs and summary programming results. This increase also includes \$4.0 million for furniture, fixtures, and equipment (FF&E) items that were not part of the original base construction budget. In addition, \$16.1 million for IT related equipment (including E-911 and Computer Aided Dispatch equipment) and installation at the new APD Facility has been now included as part of this project budget.

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 adopted a resolution that 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 presents a good opportunity for the City to improve and consolidate other City operations (T&ES and Recreation). It is also 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. During the design process, the City will review 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 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.

Public Buildings

New Police Facility, continued

Schedule: This project is currently in the design phase (Phase III) of the phase review process. Upon successful completion of the design process in 2009, engineering specifications will be drafted for competitive bids by construction firms. Construction is expected to begin in Summer 2009, with completion scheduled for Fall 2012. The final construction cost estimate will rely significantly on this programming update.

Customer Service Level Impact: The new facility will result in consolidated operations of the Alexandria Police Department, which will facilitate coordination and cooperation amount 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 that size.

Error! Not a valid link.

Public Buildings

Business Center Drive/Government Center

Subsection: Public Safety Facilities

Managing Department: General Services

Estimated Useful Life of Improvement: 25 years

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 will be relocated to the City-owned Roth Street warehouse space at 2900 Business Drive this Spring. 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 scheduled to be completed by Summer 2007. Construction and renovation will commence in Summer 2007 and continue through Summer 2008.

Changes from Prior Year: \$198,820 in unallocated prior-year funds have been reprogrammed to the New Police Facility Project. \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required for this project.

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 \$16.0 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.

Error! Not a valid link.

Public Buildings

Courthouse Garage

Subsection: Public Safety Facilities

Managing Department: General Services

Estimated Useful Life of Improvement: 25 years

Priority: Essential

Project Summary: This project provides for the repair and renovation of the underground parking garage at the Courthouse. This project is a part of the downtown-parking program, which helps to reduce parking impacts on residential areas. The renovated parking facility will also contribute to the overall success of the downtown area by continuing to provide new and existing businesses with access to parking. The restoration plan called for repair of post-tensioning wires and anchors, corroded reinforcing steel and damaged concrete; replacement of failed expansion joints; installation of additional drains to eliminate ponding water; upgrading garage ventilation to meet current code requirements; improved garage lighting; coating elevated slabs with a protective waterproof membrane; and treating mat slabs with a penetrating sealer. \$12,336 in unallocated prior-year balance remains for this project.

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

Project History: The Courthouse garage was built in the early 1980's. A consultant study completed by Desman Associates documents age-related deterioration of the post-tensioned concrete structure that could eventually jeopardize the structural integrity of the facility. In May 2005, \$2.1 million was allocated for the demolition, as well as the structural reinforcement and reconstruction of the existing parking decks. Demolition of concrete at the facility began in the Fall of 2005 and the project was completed in the Fall of 2006.

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

Error! Not a valid link.

Continuity of Operations

Subsection: Public Safety Facilities

Managing Department: General Services

Estimated Useful Life of Improvement: 20 years

Priority: Essential

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: This a new project, not previously in the CIP. A total of \$600,000 is planned over two years (\$300,000 in both FY 2010 and FY 2011) for this project. \$300,000 originally proposed for FY 2011 remains unfunded due to funding constraints.

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

Error! Not a valid link.

Public Buildings

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, which include repairs of doors, windows, floors, walls and roofing as well as several building enhancements.

Changes from Prior Year: This is a new project, not previously in the CIP. A total of \$450,000 has been budgeted in FY 2009 (\$400,000 in grant funding and \$50,000 in City Share). The City share (\$50,000) has been reprogrammed from the Fire Station CFMP to this project. \$150,000 proposed for FY 2010 remains unfunded due to fiscal constraints.

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

Error! Not a valid link.

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 \$1.6 million has been planned over six years (FY 2009 - FY 2014) for continued updating and facility maintenance repairs to the City's fire stations. In addition, \$236,250 in prior year unallocated balances remains for this project. 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: Annual funding has been extended to the out-year (FY 2014) and compounded by 5 percent per year to account for increases in construction costs. \$50,000 has been reprogrammed in FY 2009 to the Burn Building project (see above).

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

Error! Not a valid link.

Public Buildings

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 expansion of Fire Station 203 from a two bay to a four bay station. Upon completion of renovations, this station would then be able to support a future medic unit, appropriate living quarters for personnel, and storage of reserve apparatus. Response data shows that added emergency medical unit support is warranted in this area. A total of \$9.92 million has been planned over three years (\$520,000 in FY 2012; \$1.95 million in FY 2013; and \$7.45 million in FY 2014) for this purpose.

Changes from Prior Year: Funding in the amount of \$9.92 million has been shifted to FY 2012 - FY 2014. This represents an increase of \$200,000 in FY 2014 due to the inclusion of costs associated with furniture, fixtures, and equipment (FF&E).

Customer Service Level Impact: This project will provide appropriate living quarters for Fire Department personnel and additional storage for reserve apparatus. In addition, this fire station will be able to support a future medic unit.

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

Operating Impact: This project has not yet reached the programming and/or construction phase. However, it is estimated that the apparatus and equipment required for this station could cost as much as \$260,000. This does not include personnel costs.

Error! Not a valid link.

Public Buildings

New Fire Station 209 (Potomac Yard)

Subsection: Public Safety Facilities

Managing Department: General Services

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

Project Summary: This project provides 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 will include 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 will also include retail and community infrastructure on the first level.

Changes from Prior Year: \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required.

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.

Operating Impact: Programming and construction planning are underway. Exact operating costs have not been calculated at this time. 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.

Error! Not a valid link.

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 0 (Identification of Need or Problem)

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 \$9.34 million has been budgeted over three years (\$800,000 in FY 2010; \$7.2 million in FY 2011; and \$1.34 million in FY 2012). In addition, \$1.95 million in prior year unallocated monies remain for the design and other pre-construction costs associated with this new facility.

Changes from Prior Year: Project funding has been shifted to FY 2010 – FY 2012.

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 is 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.

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 0 (Identification of the need or problem) and is expected to move to Phase 1 (Definition of Requirements) in 2008.

Operating Impact: The Fire Department estimates the cost to equip, staff, and operate this fire station will be approximately \$3.5 million per year. However, this project has not yet reached the programming and/or construction phase. Therefore, exact operating costs are not closely calculated at this time and will be refined the project nears completion.

Error! Not a valid link.

Public Buildings

Detention Center (Jail)

Subsection: Public Safety Facilities
Managing Department: General Services

Estimated Useful Life of Improvement: 25 years
Priority: Desirable

Project Summary: This project provides for major capital improvements at the City's Detention Center. Other capital repairs and improvements at the detention center not deemed major projects are now funded under the Sheriff CFMP project.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements at the facility are desired in a future CIP once the first floor slab work is completed.

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

Error! Not a valid link.

Emergency Operations Center (EOC)

Subsection: Public Safety Facilities
Managing Department: General Services
Phase: Phase 0 (Identification of Need or Problem)

Estimated Useful Life of Improvement: TBD
Priority: Very Desirable

Project Summary: This project provides for modifications to the current Emergency Operations Center (EOC) and the initial planning for the future location and requirements for a new EOC at the Public Safety Center. \$75,000 remains unallocated to fund modifications to the existing facility. This funding schedule may be revisited and revised in a future budget cycle.

Changes from Prior Year: \$200,000 planned in FY 2010 remains unfunded due to fiscal constraints. These funds would have been used to begin detailed planning for the new EOC.

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

Customer Service Level Impact: The customer service level impact is unknown at this time.

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

Error! Not a valid link.

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) and Franklin Backus Courthouse, 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 \$2.8 million has been planned over six years (FY 2009-FY 2014) 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: A total of \$1.3 million (\$216,437 per year) in federal reimbursement has been planned over six years (FY 2009 – FY 2014) for capital improvements at the Detention Center. In addition, annual funding has been extended to the out-year (FY 2014) and compounded by 5 percent per year to account for increases in construction costs.

Project History: In FY 2007, significant improvements were made to security systems at both locations. 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 will be initiated in late spring of this year.

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

Error! Not a valid link.

Public Buildings

Public Safety Center Slab Replacement

Subsection: Public Safety Facilities

Managing Department: General Services

Phase: Phase 4A (Invitation to Bid)

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 is scheduled begin in Spring 2008 and be completed to be completed in Winter 2009. 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: \$500,000 of the \$3.5 million previously planned for FY 2009 has been shifted to FY 2010. In addition, \$2.0 million has been added (\$1.0 million each year in FY 2010 and 2011) due to the rapid rise in construction prices as well as hidden conditions and revised above ground requirements determined as part of an extensive planning process.

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 context of 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 4A (Invitation to Bid) and is scheduled to begin construction in Winter 2008. Construction is expected to be completed in Spring of 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, but is not considered significant.

Error! Not a valid link.

Public Buildings

Pistol Range

Subsection: Public Safety Facilities

Managing Department: General Services

Estimated Useful Life of Improvement: 25 years

Priority: Essential

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 \$740,000 is budgeted in FY 2009 for this project. Arlington County, a major user of the facility, has agreed to contribute \$370,000 or 50 percent of funds necessary to complete this project.

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

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.

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

Error! Not a valid link.

Old Animal Shelter Reuse

Subsection: Public Safety Facilities

Managing Department: General Services

Estimated Useful Life of Improvement: 25 years

Priority: Desirable

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 were 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.

Error! Not a valid link.

Vola Lawson Animal Shelter

Subsection: Public Safety Facilities

Managing Department: General Services

Estimated Useful Life of Improvement: N/A

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 \$187,478 has been budgeted over six years to address these capital maintenance and replacement requirements.

Public Buildings

Changes from Prior Year: Annual funding has been extended to the out-year (FY 2014) 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.

Error! Not a valid link.

Flora Krause Casey Clinic

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

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

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: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements at the facility are required in a future CIP.

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.

Error! Not a valid link.

Public Buildings

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 \$535,651 has been budgeted over six years (FY 2009 - FY 2014) to provide for this purpose. In addition, \$160,125 in unallocated prior-year balances remains.

Changes from Prior Year: Annual funding amounts have been extended to the out year (FY 2014) and compounded by 5 percent to account for increases in construction costs.

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.

Error! Not a valid link.

Safe Haven Facilities

Subsection: Public Health and Welfare Facilities **Estimated Useful Life of Improvement:** 25 years
Managing Department: General Services **Priority:** Desirable

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.

Error! Not a valid link.

Public Buildings

Teen Center

Subsection: Public Health and Welfare Facilities

Estimated Useful Life of Improvement: 25 years

Managing Department: General Services

Priority: Desirable

Project Summary: This project provides funds for the potential build-out and modification of the space for a possible Teen Center at a rebuilt Landmark Mall. 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: \$500,000 originally proposed in FY 2011 for this project remains unfunded due to fiscal constraints.

Operating Impact: No operating impact is yet available.

Error! Not a valid link.

405 Cameron Street

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, if undertaken, would provide for the renovation of the facility located at 405 Cameron Street including mechanical and electrical systems, and accessibility and life safety requirements. Because of the large cost to renovate this facility, it has not been remodeled or upgraded in more than 15 years and is not currently targeted for re-use as part of the on-going space management program as agencies are relocated to other facilities. This facility has served as swing space during construction or for programs not requiring significant public use or access.

Changes from Prior Year: \$10,000 is budgeted in the out year (FY 2014) as a placeholder in the event that further capital improvements at the facility are required in a future CIP.

Project History: In FY 2004, the Office of Historic Alexandria (OHA), which previously occupied space at 405 Cameron Street, was relocated to the Lloyd House. In FY 2005, after further study, it was determined that 405 Cameron Street was neither adequate nor cost effective for re-use as a public or permanent City agency facility due to the significant renovations that would be required to make it useable for those purposes. As a result of these findings, the remaining \$100,000 in unallocated prior year monies was reprogrammed to the new "Old Animal Shelter Re-use " project in FY 2007. Over the next several years, the City will need to decide the future use (or disposition) of 405 Cameron.

Operating Impact: The program or future tenant of this facility has not been determined. Therefore, operating costs are not known at this time.

Error! Not a valid link.

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 \$186,926 has been budgeted over five years for this purpose.

Changes from Prior Year: Total funding has been reduced by \$75,543 (\$13,000 in FY 2009; \$20,000 in FY 2010; and \$42,543 in FY 2011) due to fiscal constraints. In addition, annual funding has been extended to the out-year (FY 2014) and compounded by 5 percent to account for increases in construction costs.

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

Error! Not a valid link.

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.

Changes from Prior Year: This is a new project, not previously in the CIP. A total of \$1 million has been planned over two years (\$500,000 in both FY 2011 and FY 2012) for the initial planning of this project.

Project History: In late 2006, the City was contacted regarding a possible donation from the Tauber Foundation of five 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 early 2008.

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.

Error! Not a valid link.

City Visitor Center

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

Project Summary: This project provides initial funds for the 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. \$170,000 in unallocated prior year monies no longer required for the Union Station improvements project has been reprogrammed to this project. As a result, a total of \$259,000 in prior year unallocated monies remain in the capital budget to undertake studies analyzing (1) improvements to Ramsay House, as well as review of 132 North Royal Street as a possible visitors center location; and (2) improving the King Street Metro Station area visitor information.

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

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 visitors center or to substantially enlarge Ramsay House. Instead the focus of the next phases will be: (1) analyzing improvements to Ramsay House, as well as review the possibility of using 132 North Royal Street as a possible visitors center location; (2) develop 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.

Error! Not a valid link.

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 \$1.1 million is planned over five years to implement these initiatives. \$224,350 in prior year unallocated funds also remains available for this project. In FY 2009, 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: Annual funding has been extended to the out-year (FY 2014) and compounded by 5 percent per year to account for increases in construction costs. \$212,714 proposed for FY 2011 remains unfunded due to fiscal constraints.

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. The City will also perform a more detailed analysis of fuel consumption and look at means and methods to reduce fuel consumption.

Error! Not a valid link.

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 maintenance and repair of the City's BMPs 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: This is a new project, not previously in the CIP. \$100,000 is budgeted in FY 2009 for this project.

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

Error! Not a valid link.

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 District Courthouse.

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 changed 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.

Error! Not a valid link.

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 is budgeted in FY 2009 for this purpose.

In FY 2009, four generators are scheduled to be replaced at the following City facilities: Chinquapin Recreation Center, T&ES Maintenance Facility, Gadsby's Tavern, and the MH/MR/SA and Health Department complex at 4480 King Street.

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

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, four generators (\$475,000) were replaced at City facilities including the General Services Fleet Services Division, the Old Health Department, Casey Clinic, and the Lee Center.

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

Error! Not a valid link.

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 Print Shop, the Lee Center, and three City commercial parking lots.

A total of \$4.3 million has been planned over six years (FY 2009 – FY 2014) for this project. In addition, \$235,000 in prior-year unallocated balances remain.

Changes from Prior Year: Annual funding has been extended to the out-year (FY 2014) 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.

Error! Not a valid link.

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.

Error! Not a valid link.

Payne Street Records Center

Subsection: Renovation and Reconstruction of Other City Facilities

Estimated Useful Life of Improvement: 25 years

Managing Department: General Services

Priority: Very 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.

Changes from Prior Year: There has been no change in funding 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.

Error! Not a valid link.

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:** Very Desirable

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 entails the relocation of several agencies from City Hall to other leased or City-owned space and the backfill and renovation of the vacated space. A total of \$200,000 (\$100,000 in FY 2009; and \$100,000 in FY 2010) is planned to initiate and execute this program.

Changes from Prior Year: Total project funding has been reduced by \$950,000 (\$100,000 in FY 2010 and \$850,000 in FY 2011) due to fiscal constraints.

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

Error! Not a valid link.

Union Station

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

Project Summary: This project provided funds for capital needs at Union Station.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

Project History: In December 2000, Union Station was acquired and made an asset of the City and the public thereby ensuring that the historic, 100 year-old station and its property are protected, subject only to City government decisions about its usage, and not subject to private owner by-right decisions regarding usage or expansion. Union Station is listed on the National Register of Historic Places, as well as the Virginia Landmark Register. Initially, a \$170,000 project was contemplated to repaint the facility and to improve its exterior grounds and parking lot. Subsequently, federal funds were obtained to accomplish this. As a result, the \$170,000 in unallocated prior year funds have been reprogrammed to the Visitor's Center project pending the outcome of the next phase of the Visitor's Center Study.

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

Error! Not a valid link.

PUBLIC TRANSPORTATION & TRAFFIC CONTROL

PAGE INTENTIONALLY LEFT BLANK

Public Transportation & Traffic Control

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Public Transportation									
	ATC Bus Replacement	\$0	\$2,685,000	\$2,685,000	\$2,685,000	\$2,685,000	\$2,685,000	\$2,685,000	\$16,110,000
	ATC Bus Expansion	0	0	0	0	0	0	0	\$0
	Alexandria Transit Service Improvements	1,237,500	0	0	0	0	0	0	\$0
	DASH Bus Facility	0	1,230,112	0	0	0	0	0	\$1,230,112
	Bus Shelters	730,000	0	0	0	36,750	38,588	40,517	\$115,855
	ADA Access	10,000	10,500	0	0	12,155	12,763	13,401	\$48,819
	METRO Bus/Rail Capital	1,771,386	8,057,000	8,915,000	11,147,000	11,281,000	4,172,000	2,100,000	\$45,672,000
	SAFE TEA-LU Transportation Projects	7,707,413	2,902,700	0	0	0	0	0	\$2,902,700
	NVTA Funded Transportation Projects TBD	0	0	0	700,000	700,000	700,000	700,000	\$2,800,000
	Potomac Yard Metro Station Planing Cont.	0	500,000	0	0	0	0	0	\$500,000
	Crystal City/Potomac Yard Transit Corridor	0	8,500,000	0	0	0	0	0	\$8,500,000
	LESS REVENUES	9,197,413	6,146,150	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	\$19,571,150
	SUBTOTAL	\$2,258,886	\$17,739,162	\$8,915,000	\$11,847,000	\$12,029,905	\$4,923,351	\$2,853,918	\$58,308,336
Traffic Signal Maintenance & Traffic Control Computer									
	Signal Optimization	\$193,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	School Flashing Signals	45,000	0	0	0	0	0	0	\$0
	Duke Street Traffic Signals	0	0	0	0	0	0	10,000	\$10,000
	Fixed Equip. Replacement/Signs&Signals	1,250,000	892,500	937,125	983,981	1,033,180	1,084,839	1,139,081	\$6,070,706
	Traffic Control Computer	3,500,000	0	0	0	750,000	750,000	0	\$1,500,000
	LESS REVENUES	3,193,000	0	0	0	0	0	0	\$0
	SUBTOTAL	\$1,795,000	\$892,500	\$937,125	\$983,981	\$1,783,180	\$1,834,839	\$1,149,081	\$7,580,706
Total Projects									
		\$16,444,299	\$24,777,812	\$12,537,125	\$15,515,981	\$16,498,085	\$9,443,190	\$6,687,999	\$85,460,192
Less Total Revenues									
		\$12,390,413	\$6,146,150	\$2,685,000	\$2,685,000	\$2,685,000	\$2,685,000	\$2,685,000	\$19,571,150
TOTAL NET CITY COSTS									
		\$4,053,886	\$18,631,662	\$9,852,125	\$12,830,981	\$13,813,085	\$6,758,190	\$4,002,999	\$65,889,042

Public Transportation & Traffic Control

Alexandria Transit Corporation (ATC) Bus Replacement and Expansion

Subsection: Public Transportation
 Managing Department: T&ES

Estimated Useful Life of Improvement: 10 years
 Priority: Very Desirable

Project Summary: This project provides for the replacement and expansion of buses to the DASH fleet. The 2009 DASH Transit Development Program (TDP) includes the following scheduled replacements of buses by model year and fiscal year. This schedule depends in part upon CTB approval of the City's October 2007 SYIP funding reallocations and requests:

Planned Bus Replacements (FY 2009-FY 2014)							
Bus Model Year	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
1996	2						2
1998	3	5	2				10
1999			3	2			5
2000				4	6		10
2002						8	8
Total Buses	5	5	5	6	6	0	27

On January 31, 2008, 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 FY 2009. Specifically, their request includes the following number of additional buses: 14 in FY 2009; 12 in FY 2010; 15 in FY 2011; 10 in FY 2012; 8 in FY 2013; and 8 in FY 2014. Insufficient funding was available in the FY 2009 – FY 2014 CIP to fully fund this plan, however, some expansion buses will be considered year by year in the CIP process.

Changes from Prior Year: Funding levels for replacement buses have been increased in each year of the FY 2009 – FY 2014 plan. \$2.7 million is planned in each year for this purpose. However, \$7.1 million in desired bus purchases remains unfunded.

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 57 buses as of the end of FY 2007.

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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Replacement	0	\$2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	16,110,000
<i>Unfunded</i>	0	<i>184,000</i>	<i>2,091,000</i>	<i>1,124,550</i>	<i>1,180,778</i>	<i>1,239,816</i>	<i>1,301,807</i>	<i>7,121,951</i>
Total Expend.	0	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	16,110,000
VA Urban Funds	0	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	16,110,000
Total Revenues	0	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	2,685,000	16,110,000
Net City Share	0	0	0	0	0	0	0	0

Public Transportation & Traffic Control

Alexandria Transit Service Improvements

Subsection: Public Transportation
 Managing Department: T&ES

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

Project Summary: This project will provide funds for a set of improvements that will benefit transit customers in Alexandria. This will include construction or replacement of new or deteriorated bus shelters, and provision of amenities at bus stops and shelters, and access improvements to bus stops. Amenities may include implementation of a real-time bus information system, addition of information at solar-powered information signs, implementation of solar powered lighting at bus shelters, improvements to conventional bus information at bus stops, and provision of transit information to people with limited eye sight. This project may also fund physical improvements at transit centers, and major transit stops within Alexandria. A total of \$1.24 million was budgeted for this project in FY 2008; \$990K will be funded through a FY 2006 federal earmark, with \$247K being the 20% City match.

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	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	1,237,500	0	0	0	0	0	0	0
Less Revenues	990,000	0	0	0	0	0	0	0
Net City Share	247,500	0						

Bus Shelters

Subsection: Public Transportation
 Managing Department: T&ES

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

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. Funding of \$115,855 in FY 2012 – FY 2014 is planned for this project.

Changes from Prior Year: Funding previously planned for FY 2009 and FY 2010 are not funded in this CIP due to overall funding constraints in both fiscal years. \$35,000 remains unfunded in FY 2011 as well. The \$116K in FY 2012 – FY 2014 funding is new to this CIP.

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 twelve shelters in 2005, 2006, and 2007.

Operating Impact: Maintenance of bus shelters throughout the City costs \$80,000 annually.

ATC Bus Shelters	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	730,000	0	0	0	36,750	38,588	40,517	115,855
<i>Unfunded</i>	0	<i>94,500</i>	<i>99,225</i>	<i>35,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>228,725</i>
Less Revenues	500,000	0	0	0	0	0	0	0
Net City Share	230,000	0	0	0	36,750	38,588	40,517	115,855

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 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.

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 a design-build contractor has been selected and approved by the Commonwealth Transportation Board in January 2008. Construction is expected to take approximately two years to complete.

Changes from Prior Year: \$671,662 is budgeted in FY 2009 as the City's grant match 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.

Operating Impact: Operating costs are unknown at the time.

DASH Bus Facility	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
State Share	0	558,450*	0	0	0	0	0	558,450
City Match	0	671,662	0	0	0	0	0	671,662
Total Expend.	0	671,662	0	0	0	0	0	1,230,112
State Grant Revs.	0	558,450*	0	0	0	0	0	558,450
Total Revenues	0	558,450*	0	0	0	0	0	558,450
Net City Share	0	671,662	0	0	0	0	0	671,662

*Since the adoption of the CIP, staff has learned that the above grant revenue has changed and may need to be adjusted downward.

Public Transportation & Traffic Control

ADA Access

Subsection: Public Transportation
 Managing Department: T&ES

Estimated Useful Life of Improvement: 20 years
 Priority: Essential

Project Summary: Annual funding (\$48,819 over six years) is budgeted to provide 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.

Changes from Prior Year: 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	10,000	10,500	0	0	12,155	12,763	13,401	48,819
<i>Unfunded</i>	0	<i>0</i>	<i>11,025</i>	<i>11,576</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>22,601</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	10,500	0	0	12,155	12,763	13,401	48,819

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 \$46 million between FY 2009 and FY 2014. 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 cannot 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).

- o 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.
- o 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.
- o Bus Program is aimed at relieving overcrowding and supporting future bus ridership growth.
- o 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.

The existing capital funding agreements between WMATA and the local jurisdictions do not yet incorporate the potential large increase in federal funding being discussed in Congress. Through NVTA-raised funds of \$50 million annually, the Northern Virginia localities have raised their match to this new federal funding source. Alexandria's share of this \$50 million is \$8.7 million per year and is a deduction from the 60% NVTA share of local projects that jurisdictions benefit from.

Changes from Prior Year: FY 2011 – FY 2014 includes an estimated additional \$2.1 million per year over the Metro Matters plan to reflect the City's debt service for an anticipated debt issuance by WMATA.

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

WMATA Bus/Rail Capital	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	1,771,386	8,057,000	8,915,000	11,147,000	11,281,000	4,172,000	2,100,000	45,672,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,771,386	8,057,000	8,915,000	11,147,000	11,281,000	4,172,000	2,100,000	45,672,000

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 \$10.6 million in federal and state funding has been provided for the following transportation projects and programs:

- Royal Street Bus Garage I and II (\$4,262,711): To assist with the future relocation of the WMATA bus garage located on the block bound by Royal, Wythe, Pendleton and Pitt Streets. Actual costs for land and a new facility will be substantial with this \$4.3 million providing only a small amount of the needed costs.
- 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: There has been no change in funding for this 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.

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

SAFETEA-LU Transportation Projects	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

NVTA Funded Transportation Projects TBD

Subsection: Public Transportation
 Managing Department: T&ES

Estimated Useful Life of Improvement: TBD
 Priority: Essential

Project Summary: \$2.8 million over four years (FY 2011 – FY 2014) is planned for transportation projects to be identified. The \$700,000 per year (\$2.8 million over four years) in net City share funding is to come from vehicle decal fee revenues. In future years, these funds will likely be attached to specific City transportation needs as they arise.

Changes from Prior Year: FY 2011 – FY 2014 numbers have been adjusted to reflect current estimates for the City share of NVTA revenues.

Operating Impact: Given the uncertain nature of the exact use of these funds, there currently is no identifiable impact on the operating budget.

NVTA Funded Transportation Projects TBD	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	0	0	700,000	700,000	700,000	700,000	2,800,000
NVTA Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	700,000	700,000	700,000	700,000	2,800,000

Contingent for Potomac Yard Metro Station Planning

Subsection: Public Transportation
 Managing Department: T&ES

Estimated Useful Life of Improvement: Permanent
 Priority: Very Desirable

Project Summary: This project provides a funding contingent of \$500,000 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. 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 \$125 million and \$150 million. 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 are a special tax district, as well as tax increment financing. Specifically, some yet-to-be-identified funds in the early years of the CIP will be used to revise 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. *Including funding in the CIP does not mean the station would be constructed, but does mean that the feasibility of a station would be studied in detail.* The \$500,000 in costs is a contingent and not based on any specific estimates and may be amended in future years.

Changes from Prior Year: This is a new project in the FY 2009 – FY 2014 CIP.

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 Metro Station Planning Cont.	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	500,000	0	0	0	0	0	500,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	500,000	0	0	0	0	0	500,000

Public Transportation & Traffic Control

Crystal City/Potomac Yard Transit Corridor

Subsection: Public Transportation

Estimated Useful Life of Improvement: Permanent

Managing Department: City Manager's Office

Priority: Very Desirable

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.

Changes from Prior Year: This is a new project in the FY 2009 – FY 2014 CIP. A total of \$8.5 million in FY 2009 is budgeted for this project.

Operating Impact: Specific impacts on the operating budget are unknown at this time.

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.

Crystal City/ Potomac Yard Corridor	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	8,500,000	0	0	0	0	0	8,500,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	8,500,000	0	0	0	0	0	8,500,000

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.

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

Signal Optimization	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

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:** Desirable

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 backbone 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. An alternative to the WiFi approach is in the process of being developed and the needed equipment will be purchased before the end of FY 2008.

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

School Flashing Signals	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

Public Transportation & Traffic Control

Duke Street Congestion Mitigation

Subsection: Traffic Signal Maintenance & Traffic Control Computer **Estimated Useful Life of Improvement:** 10-15 years
Managing Department: T&ES **Priority:** Desirable

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 2014) 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

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:** Essential

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. A total of \$6,070,706 (FY 2009-FY 2014) has been budgeted for this project. Of the six year total budget (\$6,070,706), the following is a breakdown of the planned spending: \$1,785,000 is for the installation of new traffic signals; \$715,000 is for the installation of illuminated way-finding signs; \$356,902 is for the installation of multi-sensory signals for pedestrians with vision or hearing impairments; \$356,902 is for the installation of LED signal indicators; \$1,785,000 is included for the upgrading of existing traffic signals including the replacement of mast arms; \$356,902 is included for new pedestrian signals; and \$715,000 is included for monitoring and recording traffic volume information.

Changes from Prior Year: Funding for FY 2009 through FY 2014 has been increased by \$681,625 for cost escalation. \$1,139,081 has been added for FY 2014 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	1,250,000	892,500	937,125	983,981	1,033,180	1,084,839	1,139,081	6,070,706
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,250,000	892,500	937,125	983,981	1,033,180	1,084,839	1,139,081	6,070,706

Public Transportation & Traffic Control

Traffic Control Computer

Subsection: Traffic Signal Maintenance & Traffic Control Computer **Estimated Useful Life of Improvement:** 10-15 years
Managing Department: T&ES **Priority:** Essential

Project Summary: A total of \$1.5 million is budgeted (\$750,000 in FY 2012 and FY 2013) to implement Phase II and III of a federal program (administered by VDOT) aimed at upgrading traffic signal systems throughout Northern Virginia in order to provide greater reliability and flexibility for better management of traffic flow, both in peak and off-peak periods. In addition, these upgrades will contribute to improvement of regional air quality.

A total of \$1.5 million in prior year unallocated federal Congestion Mitigation and Air Quality (CMAQ) funds remain to complete Phase II and begin Phase III, which will make the signal system more traffic responsive. Phase II consists of the interconnecting of intersections with traffic signals throughout the City to the new traffic computer and upgrading the existing twisted pair communications cable with fiber optic cable. Phase III will include completing the installation of the fiber optic communications cable and the installation of video detection surveillance equipment.

In addition, \$2.0 million in prior year unallocated monies will be used to replace the traffic computer and traffic signal system, of which \$1.5 million is federally funded. \$750,000 has been budgeted for FY 2012 and FY 2013 to upgrade the new central computer hardware and software to incorporate advances in technology and expand the system capability. These upgrades will be funded with federal Congestion Mitigation and Air Quality (CMAQ) monies.

Changes from Prior Year: Annual funding of \$750,000 was previously budgeted in FY 2009, 2010 and 2011. This funding has been moved out to the current two-year cycle in 2012 and 2013 due to the lack of availability of prior year funding. \$750,000 in FY 2011 is not included in this CIP due to overall funding constraints in that fiscal year. There has been no change to the total cost of this project.

Project History: The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) established special federal funding for programs that mitigate traffic congestion and improve air quality in non-attainment areas in the United States. Since the Washington metropolitan area is listed as a "serious" non-attainment area for ozone, these special federal funds are available to jurisdictions in the region. These funds are administered by the Commonwealth. The U.S. Secretary of Transportation has identified traffic signal upgrading as an eligible project for funding. Phase I involved the installation of the new traffic computer and traffic computer room upgrades and was completed in FY 2000.

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

Traffic Control Computer	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	3,500,000	0	0	0	750,000	750,000	0	1,500,000
<i>Unfunded</i>	0	<i>0</i>	<i>0</i>	<i>750,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>750,000</i>
Less Revenues	3,000,000	0	0	0	0	0	0	0
Net City Share	500,000	0	0	0	750,000	750,000	0	1,500,000

STREET, BRIDGE, & PEDESTRIAN IMPROVEMENTS

PAGE INTENTIONALLY LEFT BLANK

Street, Bridge, & Pedestrian Improvements

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Bridge Repairs & Maintenance									
	Bridge Repairs	\$0	\$1,010,000	\$507,150	\$532,508	\$559,133	\$587,090	\$616,444	\$3,812,325
	Potomac Yard & Bridge Improvements	372,000	0	0	0	0	0	0	\$0
	Monroe Ave. Bridge Pedestrian Access	700,000	0	0	0	0	0	0	\$0
	Wilkes Street Tunnel	0	0	0	0	0	0	10,000	\$10,000
	LESS REVENUES	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$1,072,000	\$1,010,000	\$507,150	\$532,508	\$559,133	\$587,090	\$626,444	\$3,822,325
Pedestrian Improvements									
	King Street Metro North Entrance	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
	King Street Metro Platform Extension	0	0	0	0	0	0	10,000	\$10,000
	King Street Metro Station Sidewalks	72,135	0	0	0	0	0	0	\$0
	Other King St. Metro Area Improvements	101,953	0	0	0	0	0	0	\$0
	Union Station Pedestrian Improvements	0	0	0	0	0	0	10,000	\$10,000
	Duke Street Flyover	0	0	0	0	0	0	10,000	\$10,000
	Sidewalk, Curb, & Gutter	0	157,500	110,250	115,763	121,551	127,628	134,010	\$766,702
	Safe Routes to School	297,000	195,047	0	0	50,000	50,000	50,000	\$345,047
	Transit Facilities Pedestrian Improvements	0	0	0	0	0	0	10,000	\$10,000
	LESS REVENUES	297,000	195,047	0	0	0	0	0	\$195,047
	SUBTOTAL	\$174,088	\$157,500	\$110,250	\$115,763	\$171,551	\$177,628	\$234,010	\$966,702
Street Improvements									
	Braddock Road Improvements	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Edsall Road	0	0	0	1,700,000	0	0	0	\$1,700,000
	Eisenhower Avenue Widening	6,185,000	10,555,200	0	0	0	0	0	\$10,555,200
	King & Beauregard Improvements	4,589,240	5,190,022	0	0	0	0	0	\$5,190,022
	King Street at Bradlee Shopping Center	0	0	0	0	50,000	0	0	\$50,000
	King/Quaker Lane/Braddock Road	598,000	0	0	0	0	0	0	\$0
	King Street Paving	0	0	0	0	0	0	0	\$0
	Madison/Montgomery	0	700,000	1,700,000	0	0	0	0	\$2,400,000
	Mill Road Slip Ramp & Extension	2,475,000	371,000	22,000	0	0	0	0	\$393,000
	Slater's Lane	756,650	0	0	0	0	0	0	\$0
	Street Reconstructions	638,524	472,500	385,875	173,644	121,551	127,628	134,010	\$1,415,208
	Traffic Calming	500,000	645,000	0	0	729,303	765,769	804,058	\$2,944,130
	Washington Street Paving	0	1,800,000	0	0	0	0	0	\$1,800,000
	Alley Rehabilitation	295,000	315,000	330,750	347,288	364,652	382,884	402,029	\$2,142,603
	Mt. Vernon Avenue Public Alley	0	0	0	0	0	0	10,000	\$10,000
	Miscellaneous Undergrounding	0	0	0	0	91,163	95,721	100,507	\$287,391
	Old Town Undergrounding	0	0	0	0	0	0	0	\$0
	Street Lighting	0	50,000	52,500	55,000	58,000	60,000	64,000	\$339,500
	Pedestrian & Bicycle Safety Enhancements	0	105,000	110,250	115,763	121,551	127,628	134,010	\$714,202
	Street Reconstructions TBD	0	0	0	0	1,000,000	1,000,000	1,000,000	\$3,000,000
	LESS REVENUES	13,607,650	17,020,200	1,022,000	1,000,000	1,000,000	1,000,000	1,000,000	\$22,042,200
	SUBTOTAL	\$2,629,764	\$3,183,522	\$1,579,375	\$1,391,695	\$1,536,220	\$1,559,630	\$1,648,614	\$10,899,056
Total Projects		\$17,780,502	\$21,566,269	\$3,218,775	\$3,039,966	\$3,266,904	\$3,324,348	\$3,509,068	\$37,925,330
Less Total Revenues		\$13,904,650	\$17,215,247	\$1,022,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$22,237,247
TOTAL NET CITY COSTS		\$3,875,852	\$4,351,022	\$2,196,775	\$2,039,966	\$2,266,904	\$2,324,348	\$2,509,068	\$15,688,083

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 \$3.8 million is planned over six years (FY 2009-FY 2014) 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. City bridges are inspected and evaluated annually. 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 2014) and compounded by 5 percent to account for increases in construction costs. 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.

Project History: In November 2007, \$1 million was allocated for the repair and painting of bridges City-wide. During FY 2008, 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) Beauregard Street Culvert over Holmes Run; (11) Van Dorn Street Culver at Holmes Run; and (12) Van Dorn Street Culvert over Backlick Run.

Also in FY 2008, work will begin on the miscellaneous painting of the following bridges: (1) Beauregard 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.

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

Bridge Repairs	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	1,010,000	507,150	532,508	559,133	587,090	616,444	3,812,325
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	1,010,000	507,150	532,508	559,133	587,090	616,444	3,812,325

Street, Bridge, & Pedestrian Improvements

Potomac Yard Road & Bridge Improvements

Subsection: Bridge Repairs & Maintenance
 Managing Department: T&ES

Estimated Useful Life of Improvement: Permanent
 Priority: Essential

Project Summary: This project provides for improved automobile access, vehicle and pedestrian safety, and tasks to enhance the visual character of the Potomac Yard area. These improvements are consistent with the Alternative Concept Plan conditions approved by City Council on January 25, 2003. Construction on this project is ongoing, with an expected completion in the fall of 2008. The northbound lanes of the new bridge were completed in 2007. All traffic has been shifted from the existing bridge onto this first phase of the new bridge. The existing bridge is scheduled to be demolished in the spring of 2008. \$372,000 in prior year unallocated monies remain to help fund design and some of the construction oversight for this project.

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

Project History: On January 25, 2003, City Council approved the Alternative Concept Plan for the Potomac Yard Development, which provides for the straightening of the Monroe Avenue bridge, the construction of the new Potomac Yard "spine" road and the realignment of the Monroe Avenue access to Route 1 and Potomac Yard. When City Council approved the development plan for Potomac Yard, they expressed support for a traffic improvement plan that would entail straightening the bridge. Subsequently, the developer has submitted detailed construction plans and cost estimates for alternate plans to connect the new "spine road" (Potomac Avenue) with Route 1. In February 2005, the City and the new owners of Potomac Yard, Pulte/Centex executed a Memorandum of Understanding (MOU), which changed the administrative and financial responsibility for constructing the new Monroe Avenue Bridge. As part of the MOU, Pulte/Centex will proceed to build the infrastructure for Potomac Yard prior to receiving approval by the City of the details in each Landbay. Advancing the infrastructure also means that Pulte/Centex will pay for the construction of the Monroe Avenue Bridge and thereby saved the City about \$15 million in State Urban Funds, which have been reallocated to other priority projects in the City.

Operating Impact: This project will have no significant net new impact on the operating budget as it replaces an existing bridge.

Potomac Yard Road & Bridge Improvements	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	372,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	372,000	0						

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 a handicap accessible pedestrian connection from the Monroe Avenue Bridge to Monroe Avenue. Upon completion, the newly straightened Monroe Avenue 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. Revenues raised from the increase in the vehicle registration fee are being used to fund this project.

Changes from Prior Year: \$2 million previously planned for FY 2009 will not be necessary because this project can be completed more efficiently as a change to the Potomac Yard Monroe Avenue Bridge project. \$700,000 in prior year allocated balance formerly budgeted in Public Transportation Projects TBD was added to this project. The source of these funds is the \$8 increase in the City's decal fee.

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.

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

Monroe Ave Bridge Pedestrian Access Ramp	Unallocated Balance	FY 2009 Approved						Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	700,000	0	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

Wilkes Street Ramp/Tunnel

Subsection: Bridge Repairs & Maintenance
 Managing Department: T&ES

Estimated Useful Life of Improvement: TBD
 Priority: Desirable

Project Summary: This project will provide funding for Phase II rehabilitation of the Wilkes Street Tunnel. In Phase I, the brick arch inside of the tunnel is being strengthened by the placement of steel "ribs", and lighting and minor drainage improvements will be made. This project has been separated into two phases: I) structural repairs; and II) aesthetic and historic preservation repairs. The structural remediation is underway and will be completed during the spring of calendar year 2008.

Changes from Prior Year: \$825,000 proposed over two years (\$150,000 in FY 2010 and \$675,000 in FY 2011) remains unfunded due to budget constraints.

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. The City has posted signs restricting travel on Wilkes Street and South Fairfax Street to vehicles weighing no more than 12 tons. As a result, DASH buses in the area have been re-routed. Other safety related deficiencies were also identified in the study. A total of \$770,322 was allocated in March 2006 to address these repairs.

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

Wilkes Street Tunnel	Unallocated Balance	FY 2009 Approved						Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	0	0	0	0	0	0	10,000	10,000
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>150,000</i>	<i>675,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>825,000</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	10,000	10,000

Street, Bridge, & Pedestrian Improvements

King Street Metro Station North Entrance

Subsection: Pedestrian Improvements

Managing Department: T&ES

Estimated Useful Life of Improvement: 50 years

Priority: Desirable

Project Summary: This project, which has been completed, improved access to the King Street Metro Station by adding a new entrance to the existing platform. The new entrance is located at the north end of the station and opens on to the south side of King Street near the railroad underpass.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

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

King Street Metro Station North Entrance	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

King Street Metro Station Platform Extension

Subsection: Pedestrian Improvements

Managing Department: T&ES

Estimated Useful Life of Improvement: 50 years

Priority: Desirable

Project Summary: This project provided for improved pedestrian access and safety through the construction of a second platform on the north side of King Street. The platform connected to the existing platform on the south side of King Street by a pedestrian overpass. The new platform, which included fare card readers, stairs, an elevator, and an information kiosk, improved pedestrian and vehicular safety by allowing pedestrians approaching the station from the north to enter without having to cross heavily trafficked King Street. Construction has been completed on this project.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

Project History: WMATA estimates the cost of this project was approximately \$13.4 million. State bonds in the amount of \$9.0 million have been transferred to WMATA by the Northern Virginia Transportation Commission (NVTC) on the City's behalf to fund a portion of this project. The City has transferred an additional \$3.0 million in State Urban Funds (\$2,940,000 from the state matched by \$60,000 from the City) for the project. The Urban Funds were originally programmed for the King Street Underpass project and then transferred upon its cancellation. The remaining funds were provided by a Federal Transportation Administration (FTA) earmark of \$1,091,750 which required a City match of \$272,938. This City match was transferred to WMATA in FY 2004. The groundbreaking for this project took place on September 26, 2004. The project was opened in December 2005.

Operating Impact: This project will have no material impact on the operating budget as the costs of operating this station are shared by all WMATA jurisdictions.

King Street Metro Station Platform Extension	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

Street, Bridge, & Pedestrian Improvements

King Street Metro Station Sidewalks

Subsection: Pedestrian Improvements
 Managing Department: T&ES

Estimated Useful Life of Improvement: 50 years
 Priority: Essential

Project Summary: This project improved pedestrian access and safety by widening the sidewalk along the west side of Diagonal Road from the station to Duke Street. \$72,135 in unallocated prior year monies remain budgeted for other King Street Metro Station Area Improvements.

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

Project History: The sidewalks, constructed by WMATA, connect the station with a pedestrian tunnel under Duke Street. This project was completed in July 2004. The tunnel, constructed by a private developer, and the widened sidewalks link the station to the Carlyle development without pedestrians having to cross heavily trafficked Duke Street. This project was completed in August 2004.

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

King Street Metro Station Sidewalks	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	72,135	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	72,135	0	0	0	0	0	0	0

Other 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. \$101,953 in unallocated prior year monies remain budgeted for other commuter pedestrian improvements in the King Street Metro Station area (as well as \$72,135 from the King Street Metro Station Sidewalks project immediately above).

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

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

Other King Street Metro Station Area Improvements	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	101,953	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	101,953	0	0	0	0	0	0	0

Street, Bridge, & Pedestrian Improvements

Union Station Pedestrian Improvements

Subsection: Pedestrian Improvements
 Managing Department: T&ES

Estimated Useful Life of Improvement: 50 years
 Priority: Essential

Project Summary: This project has been completed and has improved pedestrian access and safety and the physical condition of Union Station through the installation of bus stops along King Street adjacent to the station, exterior painting, sidewalk improvements, and landscaping. The project was funded by Regional Surface Transportation Program (RSTP) funds in the amount of \$310,000.

Changes from Prior Year: \$10,000 has been budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

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

Union Station Pedestrian Improvements	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

Pedestrian Access on Duke Street Fly-Over to Cameron Station

Subsection: Pedestrian Improvements
 Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years
 Priority: Desirable

Project Summary: This project provides for pedestrian access improvements to the Duke Street fly-over, which serves as a pedestrian and bicycle connection between the residences in Cameron Station and the Beatley Library and the dog park, both located on the north side of Duke Street. The pedestrian facilities and access ramps on this bridge are currently inadequate to serve the increased pedestrian usage.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

Project History: In FY 2005, \$100,000 was allocated for design. In March 2006, \$300,000 was allocated to begin construction on this project, and in September 2006, an additional \$100,000 for construction was allocated to continue construction. A total of \$420,000 in grant funds (Congestion Mitigation Air Quality (CMAQ) Federal Grants funds) is expected to be received for this project. Construction is expected to be completed in Winter 2008.

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

Duke Street Flyover	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

Street, Bridge, & Pedestrian Improvements

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 \$766,702 has been planned over six years (FY 2009 – FY 2014) for this project.

Changes from Prior Year: Annual funding has been extended to the out-year (FY 2014) and compounded by 5 percent to account for increases in construction costs.

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.

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

Sidewalk, Curb, & Gutter	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	157,500	110,250	115,763	121,551	127,628	134,010	766,702
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	157,500	110,250	115,763	121,551	127,628	134,010	766,702

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 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. 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 \$345,057 over four years (\$195,047 in FY 2009; and \$50,000 per year in FY 2012-FY 2014). Of this amount, \$195,047 represents grant funding.

Changes from Prior Year: \$50,000 has been added to FY 2014 for this project. In addition, \$200,000 (\$100,000 in FY 2009 and \$50,000 each year in FY 2010 and FY 2011) remains unfunded due to fiscal constraints.

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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	297,000	195,047	0	0	50,000	50,000	50,000	345,047
<i>Unfunded</i>	<i>0</i>	<i>100,000</i>	<i>50,000</i>	<i>50,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>200,000</i>
Less Revenues	297,000	195,047	0	0	0	0	0	195,047
Net City Share	0	0	0	0	50,000	50,000	50,000	150,000

Street, Bridge, & Pedestrian Improvements

Transit Facilities Pedestrian Improvements

Subsection: Pedestrian Improvements
Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years
Priority: Desirable

Project Summary: This project provides for sidewalk improvements at locations adjacent to transit stops, with an emphasis on making pedestrian paths accessible to persons with disabilities. Construction is expected to begin in 2009. The project (as currently scoped and undergoing environmental review by the Virginia Department of Transportation) includes the addition of approximately 3,100 linear feet of new sidewalks, safe crossings and shared-use paths on Duke Street from South Walker Street to Oasis Drive.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

Project History: In June 2007, a total of \$937,000 was allocated for this project. Of this amount, \$750,000 was funded with Congestion Mitigation Air Quality (CMAQ) grant monies, with a local match of \$187,000.

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

Transit Facilities Pedestrian Improvements	Unallocated Balance	FY 2009 Approved							Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014			
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	

Braddock Road Improvements

Subsection: Street Improvements
Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years
Priority: Very Desirable

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 2009 Approved							Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014			
Funded	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 total of \$1.7 million is planned in FY 2011 for this project. Of this amount, \$0.7 million is to be funded from decal fees and \$1.0 million from the State revenue sharing program.

Changes from Prior Year: \$1.7 million previously planned for FY 2010 has been shifted to FY 2011 and compounded by 5 percent to account for increases in construction costs. \$615,250 proposed for this project remains unfunded due to fiscal constraints.

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

Edsall Road	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	0	0	1,700,000	0	0	0	1,700,000
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>615,250</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Revenue Sharing	0	0	0	1,000,000	0	0	0	1,000,000
Net City Share	0	0	0	700,000	0	0	0	700,000

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. A total of \$16.7 million (\$6.2 million in unallocated monies and \$10.5 million in FY 2009) remains budgeted for this project. The total cost of this entire project is estimated to be as high as \$18.4 million depending on land acquisition costs. Design of this project began in late Fall 2007.

Changes from Prior Year: Funding has been revised to reflect the City's request to advance State funding. As a result, \$6.2 million (\$6.1 million in State Urban Funds and \$0.1 million in City share) in unallocated prior year funds remain for this project. In addition, \$10.6 million State Urban Funds is budgeted in FY 2009. \$249,800 previously proposed for the City's match remains unfunded due to fiscal constraints.

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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	6,185,000	10,555,200	0	0	0	0	0	10,555,200
<i>Unfunded</i>	<i>0</i>	<i>249,800</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>249,800</i>
State Urban Funds	6,075,000	10,555,200	0	0	0	0	0	10,555,200
Net City Share	110,000	0	0	0	0	0	0	0

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. \$4.6 million remains unallocated in the prior year for construction with \$4.3 million of that total funded in the VDOT Six-Year Plan and \$0.3 million funded by the City as the local match. 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 funding needed of \$11.5 million is available.

Changes from Prior Year: \$5.2 million (\$5.1 million in State funds and \$0.1 million in City monies) has been budgeted in FY 2009 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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	4,589,240	5,190,022	0	0	0	0	0	5,190,022
State Urban Funds	4,253,000	5,094,000	0	0	0	0	0	5,094,000
Net City Share	336,240	96,022	0	0	0	0	0	96,022

Street, Bridge, & Pedestrian Improvements

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: \$50,000 previously budgeted in FY 2011 has been shifted to FY 2012.

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

King Street at Bradlee Shopping Center	Unallocated Balance	FY 2009 Approved						Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	0	0	0	50,000	0	0	50,000	
Less Revenues	0	0	0	0	0	0	0	
Net City Share	0	0	0	50,000	0	0	50,000	

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 were allocated to begin this project.

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

King/Quaker Lane/Braddock Road Intersection	Unallocated Balance	FY 2009 Approved						Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	598,000	0	0	0	0	0	0	
State Urban Funds	448,000	0	0	0	0	0	0	
Net City Share	150,000	0	0	0	0	0	0	

Street, Bridge, & Pedestrian Improvements

King Street Paving

Subsection: Street Improvements

Estimated Useful Life of Improvement: 15 years

Managing Department: T&ES

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 the utility cuts, have made this paving project necessary.

Changes from Prior Year: This is a new project, not previously in the CIP. \$822,000 proposed for this project remains unfunded due to fiscal constraints.

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

King Street Paving	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	0	0	0	0	0	0	0
<i>Unfunded</i>	<i>0</i>	<i>822,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>822,000</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	0	0	0	0	0	0	0

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. Final design of this project began in Fall 2007.

Changes from Prior Year: A total of \$2.4 million has been budgeted over two years (\$700,000 in FY 2009 and \$1.7 million in FY 2010) for the design and reconstruction of this project. Of this amount, \$1 million will be offset by the State's revenue sharing program and \$0.7 million in both FY 2009 and FY 2010 will be offset by decal fees. \$2.0 million of this project remains unfunded.

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. In June 2007, \$400,000 was allocated for the design of this project.

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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	700,000	1,700,000	0	0	0	0	2,400,000
Unfunded	0	0	2,010,000	0	0	0	0	2,010,000
Revenue Sharing	0	0	1,000,000	0	0	0	0	1,000,000
Net City Share	0	700,000	700,000	0	0	0	0	1,400,000
Capital Performance Measures								
On-time (within projected time period)								
On-budget (within projected range of costs)								
Smooth grade of roadway, limited ponding								

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. 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.

Changes from Prior Year: A total of \$2.9 million (\$2.8 in State funds and \$97,000 in City Share) has been budgeted 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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	2,472,000	371,000	22,000	0	0	0	0	393,000
Less Revenues	2,375,000	371,000	22,000	0	0	0	0	393,000
Net City Share	97,000	0						

Slater's 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 Slater's Lane. 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. The crossing traffic gates project is projected to be completed in summer 2008.

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

Slater's Lane	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	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						

Street, Bridge, & Pedestrian Improvements

Street Reconstructions

Subsection: Street Improvements
 Managing Department: T&ES

Estimated Useful Life of Improvement: 50 years
 Priority: Essential

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 \$1.42 million is budgeted over six years for these projects. In addition, 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.

Changes from Prior Year: Annual funding has been extended to the out-year (FY 2014) and compounded by 5 percent to account for increases in construction costs.

Project History: Projects completed in calendar year 2007 include Cameron Mills Road; Overlook Drive; Allison Street; West Monroe Avenue, Russell Road to Commonwealth Avenue; and East Reed Avenue, Commonwealth to Jefferson Davis Highway.

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

Street Reconstructions	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	638,524	472,500	385,875	173,644	121,551	127,628	134,010	1,415,208
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	638,524	472,500	385,875	173,644	121,551	127,628	134,010	1,415,208

Traffic Calming

Subsection: Street Improvements
 Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years
 Priority: Very Desirable

Project Summary: This project provides funding to design and construct physical traffic calming measures within the right-of-way to preserve neighborhoods and enhance safety by lowering traffic speeds and highlighting pedestrian crossing areas. Some measures include speed cushions, raised intersections, center island narrowing, and "bulb-outs", which are physical islands to reduce the distance a pedestrian must travel to cross the street. These traffic measures, appropriately designed and constructed, can improve the quality of life for those who live, work and play in the area. The demand for traffic calming is so great that staff has developed a priority ranking scheme, using measures such as traffic speed and volume to quantitatively rank the results. A total of \$2.94 million has been planned over six years (FY 2009-FY 2014). In addition, \$500,000 in prior year unallocated monies remain for this project.

Changes from Prior Year: Funding has been extended to the out-year (FY 2014) and compounded by 5 percent to account for increases in construction costs. \$1.66 million proposed for FY 2009 - FY 2011 remains unfunded due to fiscal constraints.

Project History: Most recently, the Braddock Road project was completed in Summer 2007 and the Parkfairfax project was completed in Fall 2007. 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.

Traffic Calming	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	500,000	645,000	0	0	729,303	765,769	804,058	2,944,130
Unfunded	0	300,000	661,500	694,576	0	0	0	1,656,076
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	500,000	645,000	0	0	729,303	765,769	804,058	2,944,130

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: This project provides for the repaving of Washington Street, the City's portion of the George Washington Memorial Parkway. The condition of Washington Street has deteriorated since its last repaving occurring more than 15 years ago. This roadway serves more than 55,000 vehicles daily, making it one of the most heavily traveled arterials in the City. A total of \$1.8 million is budgeted for this project in FY 2009. Of that amount, \$1.6 million will provide for milling and paving to a two-inch thickness. The balance of this cost (\$0.2 million) will provide for the replacement of pavement markings and traffic signal detector loops.

Changes from Prior Year: This is a new project, not previously in the CIP. \$1.8 million has been budgeted in FY 2009 for the repaving Washington Street. Revenue from State revenue sharing funds of \$1.0 million will be used to offset the cost of this project.

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

Washington Street Paving	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	1,800,000	0	0	0	0	0	1,800,000
Revenue Sharing	0	1,000,000	0	0	0	0	0	1,000,000
Net City Share	0	800,000	0	0	0	0	0	800,000

Alley Rehabilitation Program

Subsection: Street Improvements

Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years

Priority: Essential

Project Summary: This project provides some 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. The following alley projects are currently under design: (1) 1200 block of Colonial Avenue and (2) the unit block of East Nelson Street. Another project under consideration is the alley behind the 500 block of Carlyle Drive.

Changes from Prior Year: Annual funding has been extended to the out-year (FY 2014) 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	295,000	315,000	330,750	347,288	364,652	382,884	402,029	2,142,603
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	295,000	315,000	330,750	347,288	364,652	382,884	402,029	2,142,603

Street, Bridge, & Pedestrian Improvements

Public Alley at Mount Vernon Avenue

Subsection: Street Improvements
 Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years
 Priority: Desirable

Project Summary: This project provides funding to address significant drainage problems in the alley behind the 3000 block of Mount Vernon Avenue. The current condition of the alley is poor and drainage problems are affecting adjoining residences.

Changes from Prior Year: \$10,000 has been added in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required for this project.

Project History: In June 2006, \$100,000 was allocated for the design of this project. A study, completed in FY 2007 indicated that much more extensive grading will be required to correct drainage problems than was originally anticipated. In June 2007, \$805,000 was allocated for the reconstruction of the alley. Of this amount, \$305,000 was reprogrammed from the City-wide alley rehabilitation project. Construction began in late 2007 and is expected to be completed by Summer 2008.

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

Mt. Vernon Alley	Unallocated Balance	FY 2009						FY 2014	Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013			
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	

Miscellaneous Undergrounding

Subsection: Undergrounding of Utilities/Street Lights
 Managing Department: T&ES

Estimated Useful Life of Improvement: Permanent
 Priority: Desirable

Project Summary: This project provides the City's share of undergrounding utilities in the vicinity of new developments and other costs associated with undergrounding in areas of new development 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 \$287,391 has been planned over three years (FY 2012 – FY 2014) for this project.

Changes from Prior Year: Funding has been compounded by 5 percent to account for increases in construction costs. \$248,260 proposed over three years (FY 2009 – FY 2011) remains unfunded due to fiscal constraints.

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.

Misc. Undergrounding	Unallocated Balance	FY 2009						FY 2014	Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013			
Funded	0	0	0	0	91,163	95,721	100,507	287,391	
<i>Unfunded</i>	<i>0</i>	<i>78,750</i>	<i>82,688</i>	<i>86,822</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>248,260</i>	
Less Revenues	0	0	0	0	0	0	0	0	
Net City Share	0	0	0	0	91,163	95,721	100,507	287,391	

Street, Bridge, & Pedestrian Improvements

Old Town Undergrounding

Subsection: Undergrounding of Utilities/Street Lights
 Managing Department: T&ES

Estimated Useful Life of Improvement: Permanent
 Priority: Desirable

Project Summary: The Old Town Undergrounding project was approved by City Council in 1992 and includes roughly 36 square blocks bounded by Union Street, Washington Street, King Street and Franklin Street. In coordination with the power company (now Dominion Virginia Power), the project was divided into fourteen phases. The third phase is currently under construction and includes the 200 and 300 blocks of S. Lee Street, the 100 and 200 blocks of Duke Street and the 100 block of Wolfe Street. The estimated completion cost of this phase is about \$5 million, including the payments to the utility companies for pulling wires and removing the overhead poles.

The project schedule that is currently posted on the City's website shows the last phase of this project being completed in year 2033. This project has been funded in the CIP at a rate of \$1 million every other year. In early FY 2008, the cost was estimated for the completion of the entire project and came to be about \$64 million in 2007 dollars. This estimate was based on the bid price for the Phase III project. When a three percent per year escalation cost applied to this project (based on the currently published schedule), the cost to complete the project was over \$100 million. This does not take into account that the current funding rate of \$1 million every other year does not keep up with the published schedule, pushing the timing out further and increasing the escalation. It is apparent that the project cannot be completed at the current funding level.

Due to the higher priority of many capital projects and the CIP funding constraints, funding for this project is being redirected to other capital projects in the FY 2009 to FY 2014 CIP.

Changes from Prior Year: FY 2009 and FY 2011 funding in the amount of \$1 million each year is being redirected to other CIP projects.

Project History: In FY 1992, the City initiated a program to underground utilities in the Old Town Historic District. The area designated to be undergrounded is approximately thirty-six City blocks and is bounded by Union Street, Washington Street, King Street, and Franklin Street. The City allocated a total of \$1,130,000 to date for Phases I and II of this program, which were completed in 1994 and 2002 respectively. They included the 100 blocks of Prince, South Fairfax and South Lee Streets; the 100, 200, 300, and 400 blocks of South Royal Street; the 200, 300 and 400 blocks of Prince Street; and the removal of overhead wires in the 200, 300, and 400 blocks of Prince Street. The total cost for the five blocks that constitute Phase III is estimated at \$5 million.

Operating Impact: This project has no impact on the operating budget.

Old Town Undergrounding	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	0	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

Street, Bridge, & Pedestrian Improvements

Street Lighting

Subsection: Undergrounding of Utilities/Street Lights
Managing Department: T&ES

Estimated Useful Life of Improvement: 15 years
Priority: Essential

Project Summary: The CIP includes annual funding for the installation of new street lights City-wide. New street lighting requests are often in response to community interest in enhanced lighting and funds are also spent to maintain an inventory of Gadsby street lights, per the City's franchise agreement with Dominion Virginia Power. Over the last three years, the City replaced an average of 24 Gadsby light fixtures per year.

Changes from Prior Year: The annual funding of \$25,000 per year has been increased to \$50,000 per year and compounded by 5 percent. In addition, annual funding has been extended to the out-year (FY 2014).

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

Street Lighting	Unallocated Balance	FY 2009 Approved						Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	0	50,000	52,500	55,000	58,000	60,000	64,000	339,500
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	50,000	52,500	55,000	58,000	60,000	64,000	339,500

On-Street Pedestrian and Bicycle Safety Enhancement

Subsection: Street Improvements
Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years
Priority: Very Desirable

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. This funding request is intended for City Council supported programs for enhancing non-motorized transportation. It is intended especially to promote multi-modal transportation that reduces reliance on single-occupant vehicles. Target areas include high volume intersections and intersections at major trails and transit areas.

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 \$714,202 is planned over six years (FY 2009 – FY 2014) for this project. Bicycle projects planned for early 2008 are Old Dominion and Monticello Boulevards and North Pickett Street. A major signalization and crossing improvement is planned for North Van Dorn and Maris Avenue to provide pedestrian safety for a projected increase in Metro Bus and DASH ridership.

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 2014).

Project History: Bicycle safety projects in FY 2008 have 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 2009 Approved						Total FY2009-FY2014
		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	0	105,000	110,250	115,763	121,551	127,628	134,010	714,202
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	105,000	110,250	115,763	121,551	127,628	134,010	714,202

Street, Bridge, & Pedestrian Improvements

Street Reconstruction Projects TBD

Subsection: Street Improvements
 Managing Department: T&ES

Estimated Useful Life of Improvement: TBD
 Priority: Essential

Project Summary: \$3 million over three years (FY 2012 – FY 2014) is planned for street reconstruction projects to be identified. The funding for these projects represents anticipated funds from the State revenue sharing program in FY 2012 – FY 2014. In future years, these funds will likely be attached to specific City street reconstruction needs as they arise.

Changes from Prior Year: FY 2012 – FY 2014 numbers have been adjusted to reflect current estimates for the City share of the State revenue sharing 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
Revenue Sharing	0	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
Net City Share	0	0	0	0	0	0	0	0

Street, Bridge, & Pedestrian Improvements

PAGE INTENTIONALLY LEFT BLANK

SEWERS

Sewers

PAGE INTENTIONALLY LEFT BLANK

Sewers

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Sanitary Sewers									
	Correction of Infiltration/Inflow	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
	Hoof's Run Relocation	\$0	\$60,000	\$630,000	\$0	\$0	\$0	\$0	\$690,000
	Holmes Run Trunk Sewer	7,037,000	0	0	0	0	0	0	\$0
	Holmes Run Infiltration & Inflow	0	700,000	735,000	6,771,750	810,338	7,350,854	893,000	\$17,260,942
	Mitigation of CSOs	1,650,190	262,500	275,625	289,406	303,876	319,070	335,024	\$1,785,501
	Reconstructions and Extentions	0	1,361,000	1,404,050	949,253	996,715	1,046,551	1,098,878	\$6,856,447
	Royal Street Relief Sewer	0	0	0	0	0	0	10,000	\$10,000
	Sewer Map Update	0	0	0	0	0	0	10,000	\$10,000
	Street Recon. due to Sanitary Sewers	0	367,500	385,875	405,169	425,427	446,699	469,033	\$2,499,703
	Sanitary Sewer Projects TBD	500,000	0	194,804	0	1,571,463	0	1,381,374	\$3,147,641
	Sanitary Sewer Capacity Study	0	380,000	399,000	418,950	0	0	0	\$1,197,950
	Sewer Separation Projects	0	500,000	525,000	551,250	578,813	607,753	638,141	\$3,400,957
	LESS REVENUES /1	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$9,187,190	\$4,631,000	\$4,549,354	\$9,385,778	\$4,686,632	\$9,770,927	\$4,835,450	\$33,260,234
Storm Sewers									
	Miscellaneous Storm Sewer Repairs	\$359,500	\$213,150	\$223,808	\$234,998	\$246,748	\$259,085	\$272,039	\$1,449,828
	Key Drive Flood Mitigation	0	0	0	0	0	0	10,000	\$10,000
	Taylor's Run at Janney's Lane	500,000	0	0	0	0	0	0	\$0
	NPDES	175,000	0	0	0	0	0	0	\$0
	Oronoco Outfall	2,127,670	0	0	0	0	0	0	\$0
	Storm Sewer Capacity Analysis	0	787,500	826,875	0	0	0	0	\$1,614,375
	Storm & Combined Assessment	600,000	0	200,000	0	900,000	900,000	900,000	\$2,900,000
	Braddock & West Storm Sewer	0	200,000	TBD	TBD	TBD	TBD	TBD	\$200,000
	LESS REVENUES	617,670	0	0	0	0	0	0	\$0
	SUBTOTAL	\$3,144,500	\$1,200,650	\$1,250,683	\$234,998	\$1,146,748	\$1,159,085	\$1,182,039	\$3,074,203
Total Projects		\$12,949,360	\$5,831,650	\$5,800,037	\$9,620,776	\$5,833,380	\$10,930,012	\$6,017,489	\$44,033,344
Less Total Revenues		\$617,670	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL NET CITY COSTS		\$12,331,690	\$5,831,650	\$5,800,037	\$9,620,776	\$5,833,380	\$10,930,012	\$6,017,489	\$44,033,344

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 as City revenues.

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: A total of \$1 million is budgeted in FY 2009 for the correction of infiltration and inflow in the Taylor Run sub-shed of the Holmes Run sewer service area.

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 is continuing. 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 are 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. Due to a significantly higher percentage of defective sewers identified during the field evaluation of the Taylor Run sewer service area, additional funding of \$1 million in FY 2009 is requested to complete this project. To date, \$10 million has been spent on this project.

Schedule: This project is currently in the construction phase (Phase 4), which is scheduled to begin in the spring 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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	1,000,000	0	0	0	0	0	1,000,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	1,000,000	0	0	0	0	0	1,000,000
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

Hoof'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.

Changes from Prior Year: This is a new project, not previously in the CIP. \$60,000 is budgeted in FY 2009 for design and \$630,000 is planned in FY 2010 for construction of this project.

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

Hoof's Run Sanitary Sewer Relocation	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	60,000	630,000	0	0	0	0	690,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	60,000	630,000	0	0	0	0	690,000

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. Preliminary 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. The Alexandria Sanitation Authority advertised for construction bids in February 2007, and construction is anticipated to begin in the winter or spring of 2008, lasting approximately 8 months. Further analysis, however, has determined that pipe lining alone will not increase capacity sufficiently in the East Eisenhower section. Alternatives are currently under study. A total of \$7.04 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	7,037,000	0	0	0	0	0	0	0
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	7,037,000	0	0	0	0	0	0	0

Sewers

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 \$17.3 million is planned over six years (FY2009 – FY 2014) for this project. Of this amount, \$4.76 million will provide for field work, monitoring, and developing remediation plans. In addition, \$12.5 million will provide for construction of remediation projects, including \$6 million in FY 2011 and \$6.5 million in FY 2013.

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 Infiltration & Inflow	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	700,000	735,000	6,771,750	810,338	7,350,854	893,000	17,260,942
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	700,000	735,000	6,771,750	810,338	7,350,854	893,000	17,260,942
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								

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. \$1.65 million in prior year unallocated funds remains to be used for the program required by the existing permit. In addition, a total of \$1.79 million has been planned over six years (FY 2009 through FY 2014). These funds will be used to continue the implementation of permit conditions and solids and floatables control through FY 2014.

Changes from Prior Year: Annual funding has been added to the out-year (FY 2014) 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

Sewers

Mitigation of CSOs, continued

(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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	1,650,190	262,500	275,625	289,406	303,876	319,070	335,024	1,785,501
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	1,650,190	262,500	275,625	289,406	303,876	319,070	335,024	1,785,501

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 \$6.86 million is planned over six years (FY 2009-FY 2014) 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, this includes \$1.41 million 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 following: 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. \$1.58 million is planned for construction projects for FY 2009 through FY 2014. In addition, \$0.7 million from FY 2009 through FY 2014 is budgeted for the design of sanitary sewer projects.

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 2014). In addition, a total of \$1 million (\$500,000 in each year) has been added to FY 2009 and FY 2010 to complete delayed sanitary sewer projects.

Project History: In FY 1987, the City initiated an on-going program to reline existing leaking sewers in the City. Recent sewer projects completed include Beverley Drive, Circle Terrace, Walnut Street, Pine Street, Birch Street, MacArthur Road, and Tennessee Avenue. Other projects either under design or under construction include: West Uhler Avenue, Groves Avenue, Forrest Street, Sycamore Street, Hickory Street, Diagonal Road, Timberbranch Drive, and Caton Avenue.

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

Recon. and Extentions	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	1,361,000	1,404,050	949,253	996,715	1,046,551	1,098,878	6,856,447
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	1,361,000	1,404,050	949,253	996,715	1,046,551	1,098,878	6,856,447

Sewers

Royal Street Relief Sewer

Subsection: Sanitary Sewers

Estimated Useful Life of Improvement: 40 years

Managing Department: Transportation & Environmental Services

Priority: Essential

Project Summary: This project, approved in FY 2001, provided for the engineering and construction of relief measures to alleviate flooding at the intersection of Pitt and Gibbon Streets. Portions of the combined sewer in areas constructed in the early 1900's were inadequate to carry the storm water flows connected to them. Final design, with additional drainage improvements for Pitt Street extending to Union Street, was completed in FY 2005. Construction was completed on schedule in 2006.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP

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

Royal Street Relief Sewer	Unallocated Balance	FY 2009							Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
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	

Street Reconstructions Due to Sanitary Sewers

Subsection: Sanitary Sewers

Estimated Useful Life of Improvement: 25 years

Managing Department: T&ES

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, West Uhler Avenue, Groves Avenue, and Sycamore Street. A total of \$2.5 million is planned over six years (FY 2009 – FY 2014) 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 2014)

Project History: In FY 2007, reconstructions were completed on Caton Avenue and Timberbranch Parkway.

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

Street Recon. Due to Sanitary Sewers	Unallocated Balance	FY 2009							Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
Funded	0	367,500	385,875	405,169	425,427	446,699	469,033	2,499,703	
Less Revenues	0	0	0	0	0	0	0	0	
Net City Share	0	367,500	385,875	405,169	425,427	446,699	469,033	2,499,703	

Sewers

Sewer Map Update

Subsection: Sanitary Sewers
 Managing Department: T&ES

Estimated Useful Life of Improvement: As Updated
 Priority: Essential

Project Summary: This project, approved in FY 2001, provided for the mapping of the City's sanitary and storm sewer systems. Fieldwork has been completed on a comprehensive inventory of the existing subterranean sanitary and storm sewer systems. A GIS layer for City-wide sewer structures has been completed.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

Project History: Existing maps were last updated in the 1970's and projects completed since that time are not documented or mapped. Once sanitary sewer and storm water permit regulations, currently being adopted by the U.S. Environmental Protection Agency, are applied to the City, the City will be required to perform much more accurate assessments of the capacity of City sewers and demonstrate compliance with prospective permit requirements. The field inventory located 30 percent more sewer structures than were originally indicated by primary estimates.

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

Sewer Map Update	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
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

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. This study began in Fall 2007 and is expected to be completed in Winter 2012.

Changes from Prior Year: This is a new project, not previously in the CIP. A total of \$1.2 million is planned over three years (\$380,000 in FY 2009; \$399,000 in FY 2010; and \$418,950 in FY 2011) for this project.

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

Sanitary Sewer Capacity Studies	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	380,000	399,000	418,950	0	0	0	1,197,950
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	380,000	399,000	418,950	0	0	0	1,197,950

Sewers

Sanitary Sewer Projects To Be Determined (TBD)

Subsection: Sanitary Sewers
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years
 Priority: Essential

Project Summary: A total of \$3.15 million has been planned to address unforeseen conditions and costs in existing sanitary sewer projects and for any to be planned, to be identified future sanitary sewer projects. These surplus funds may also be reallocated to other years (FY 2012 and FY 2014) where sufficient funding for sanitary sewers has not yet been identified.

Changes from Prior Year: Funding amounts in each year have been adjusted to equal the amount of funds for sanitary sewer projects from estimated future revenues dedicated to this purpose. These funds will be used to fund sanitary capital projects.

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

Sanitary Sewer Projects TBD	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	500,000	0	194,804	0	1,571,463	0	1,381,374	3,147,641
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	500,000	0	194,804	0	1,571,463	0	1,381,374	3,147,641

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: This is a new project, not previously in the CIP. A total of \$3.4 million has been planned (FY 2009 - FY 2014) for this project.

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

Sewer Separation Projects	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	500,000	525,000	551,250	578,813	607,753	638,141	3,400,957
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	500,000	525,000	551,250	578,813	607,753	638,141	3,400,957

Sewers

Sanitary Sewer Line Maintenance Charge:

The sanitary sewer line maintenance charge for FY 2009 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 if VADEQ mandates new CSO requirements. The revenue from the fees collected will be used for the following:

SANITARY SEWER SOURCES AND USES							
REVENUE SOURCES/2	FY 2008 Approved	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Usage Fee - Operating	\$5,850,000	\$5,943,353	\$5,943,353	\$5,943,353	\$5,943,353	\$5,943,353	\$5,943,353
Connection Fee - Capital (Budgeted)	\$1,500,000	\$1,545,000	\$1,591,350	\$1,639,091	\$1,688,263	\$1,738,911	\$1,791,078
Use of Fund Balance	\$0	\$144,222	\$0	\$0	\$0	\$0	\$0
Project Funding TBD /3	\$0	\$0	\$0	\$4,748,697	\$0	\$5,033,363	\$0
Sources Subtotal	\$7,350,000	\$7,632,575	\$7,534,703	\$12,331,141	\$7,631,616	\$12,715,627	\$7,734,431
USES							
Taylor Run Infiltration & Inflow	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0
Reconstruction and Extension	\$820,000	\$1,361,000	\$1,404,050	\$949,253	\$996,715	\$1,046,551	\$1,098,878
Sewer Map Update	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Holmes Run Trunk Sewer	\$1,600,000	\$0	\$0	\$0	\$0	\$0	\$0
Holmes Run Infiltration & Inflow	\$0	\$700,000	\$735,000	\$6,771,750	\$810,338	\$7,350,854	\$893,000
Combined Sewer Mitigation	\$250,000	\$262,500	\$275,625	\$289,406	\$303,877	\$319,070	\$335,024
Royal Street Relief Sewer	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Street Reconstructions due to Sanitary Sewers	\$350,000	\$367,500	\$385,875	\$405,169	\$425,427	\$446,699	\$469,033
Sanitary Sewer Capacity Study	\$0	\$380,000	\$399,000	\$418,952	\$0	\$0	\$0
Separation Project	\$0	\$500,000	\$525,000	\$551,250	\$578,813	\$607,756	\$638,141
Hooffs Run Relocation	\$0	\$60,000	\$630,000	\$0	\$0	\$0	\$0
Sanitary Sewer Projects to be Determined	\$1,511,440	\$0	\$194,804	\$0	\$1,571,463	\$0	\$1,381,374
Operating Expenditures /1	\$1,517,000	\$1,677,665	\$1,711,000	\$1,745,000	\$1,780,000	\$1,816,000	\$1,853,000
Debt Service	\$1,301,560	\$1,323,910	\$1,274,349	\$1,200,361	\$1,164,983	\$1,128,697	\$1,045,981
Uses Subtotal	\$7,350,000	\$7,632,575	\$7,534,703	\$12,331,141	\$7,631,616	\$12,715,627	\$7,734,431
ENDING BALANCE	\$0	\$0	\$0	\$0	\$0	\$0	\$0

/1 Includes \$1,136,000 in Personnel costs; and \$381,000 in Non Personnel costs.

/2 Actual revenues may vary.

/3 Project funding to-be-determined (TBD) would likely be funded with utility fee backed general obligation bonds, and then the debt service on the bonds would likely be paid for from the current or an increased sanitary sewer maintenance charge.

Sewers

Extension and Replacement of Storm Sewers

Subsection: Storm Sewers Estimated Useful Life of Improvement: 25 years
 Managing Department: T&ES Priority: Essential

Project Summary: \$1.45 million is planned over six years (FY 2009-FY 2014) for this continuing essential infrastructure maintenance project, used for tasks identified throughout the year and also for scheduled projects. In addition, \$359,500 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.

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.

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 2014)

Project History: Recently completed projects include the reconstruction of three culverts at Francis Hammond Parkway.

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

Storm Sewer Recon. & Exten.	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	359,500	213,150	223,808	234,998	246,748	259,085	272,039	1,449,828
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	359,500	213,150	223,808	234,998	246,748	259,085	272,039	1,449,828

Key Drive Flood Mitigation

Subsection: Storm Sewers Estimated Useful Life of Improvement: 25 years
 Managing Department: T&ES Priority: Very 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. This project is currently under design.

Changes from Prior Year: \$10,000 is budgeted in the out-year (FY 2014) as a placeholder in the event that further capital improvements are required in a future CIP.

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

Project History: In June 2007, \$850,000 was allocated for this project. Design is currently underway. Construction is expected to begin in Fall 2008.

Key Drive Flood	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

Sewers

Taylor's Run at Janney's Lane

Subsection: Storm Sewers
 Managing Department: T&ES

Estimated Useful Life of Improvement: 25 years
 Priority: Very Desirable

Project Summary: This project provides for the replacement of a deteriorating culvert at Taylor Run and Janney's Lane. At the time that it is replaced, the culvert will also be enlarged to alleviate flooding that occurs during major storm events. \$500,000 in unallocated prior-year funds remain for this project.

Changes from Prior Year: \$551,250 proposed for FY 2010 remains 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	500,000	0	0	0	0	0	0	0
Unfunded	0	0	551,250	0	0	0	0	551,250
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	500,000	0	0	0	0	0	0	0

Municipal Separate Storm Sewer System Permit Program, NPDES Permit

Subsection: Storm Sewers
 Managing Department: T&ES

Estimated Useful Life of Improvement: 5 years
 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. In December 2007, the City submitted a registration statement to the Virginia Department of Conservation and Recreation for the next permit cycle. 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.

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

NPDES	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	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

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 19th and 20th 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 the results should be available in FY 2009. The original remediation method of designing a hydraulic control and treatment system is still under consideration. 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 tread or 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, maintenance and operation costs.

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

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 will 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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	2,127,670	0	0	0	0	0	0	0
Less Revenues	617,670	0	0	0	0	0	0	0
Net City Share	1,510,000	0	0	0	0	0	0	0

Sewers

Storm Sewer Capacity Analysis

Subsection: Storm Sewers
 Managing Department: T&ES

Estimated Useful Life of Improvement: As Updated
 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 \$1.6 million is planned over two years (\$787,500 in FY 2009 and \$826,875 in FY 2010) for this project.

Changes from Prior Year: Funding has been compounded by 5 percent to account for increases in construction costs. \$868,219 proposed in FY 2011 remains unfunded due to fiscal constraints.

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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	787,500	826,875	0	0	0	0	1,614,375
Unfunded	0	0	0	868,219	0	0	0	868,219
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	787,500	826,875	0	0	0	0	1,614,375

Braddock Rd. and West St. Storm Sewer Drainage Improvements

Subsection: Storm Sewers
 Managing Department: T&ES

Estimated Useful Life of Improvement: 40 years
 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.

Changes from Prior Year: This is a new project, not previously in the CIP. \$200,000 is budgeted for further studies in FY 2009.

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. An engineering evaluation was done with a feasibility study listing engineering alternatives due in the winter of 2007/2008. 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 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	0	200,000	TBD	TBD	TBD	TBD	TBD	200,000
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	200,000	TBD	TBD	TBD	TBD	TBD	200,000

Sewers

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.

Changes from Prior Year: This is a new project, not previously in the CIP. A total of \$2.9 million is planned over four years (\$200,000 in FY 2010 and \$900,000 in FY 2010-FY 2012) for this project. In addition, \$600,000 in unallocated monies from Storm Sewer Reconstructions was reprogrammed for this project. \$900,000 proposed for FY 2011 remains unfunded due to budget constraints.

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

Storm and Combined Syst. Assess. & Remed.	Unallocated Balance	FY 2009 Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Funded	600,000	0	200,000	0	900,000	900,000	900,000	2,900,000
<i>Unfunded</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>900,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>900,000</i>
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	600,000	0	200,000	0	900,000	900,000	900,000	2,900,000

Sewers

PAGE INTENTIONALLY LEFT BLANK

OTHER REGIONAL CONTRIBUTIONS

Other Regional Contributions

PAGE INTENTIONALLY LEFT BLANK

Other Regional Contributions

Subsection	Project	Unallocated Balance	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total FY2009-FY2014
Other Regional Contributions									
	Northern Virginia Community College	\$0	\$132,343	\$132,343	\$132,343	\$132,343	\$132,343	\$132,343	\$794,058
	Northern Virginia Regional Park Authority	0	352,023	352,023	352,023	352,023	352,023	352,023	\$2,112,138
	Northern Virginia Juvenile Detention Home	0	0	0	0	0	0	10,000	\$10,000
	Peumansend Regional Jail	0	146,502	141,368	136,272	129,212	121,266	115,465	\$790,085
	LESS REVENUES	0	0	0	0	0	0	0	\$0
	SUBTOTAL	\$0	\$630,868	\$625,734	\$620,638	\$613,578	\$605,632	\$609,831	\$3,706,281
Total Projects		\$0	\$630,868	\$625,734	\$620,638	\$613,578	\$605,632	\$609,831	\$3,706,281
Less Total Revenues		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL NET CITY COSTS		\$0	\$630,868	\$625,734	\$620,638	\$613,578	\$605,632	\$609,831	\$3,706,281

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 2009, NVCC's total locally funded capital requests at \$2,066,362. Of this amount, the City's share is \$132,343 or 6.4 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 2009 contribution (\$132,343) represents an decrease of \$2,857 compared to the FY 2008 budget. This decrease is attributable to a decrease 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 five campuses are located in Annandale, Alexandria, Loudoun County, Manassas, and Woodbridge.

Operating Impact: This project has no impact on the operating budget.

NVCC	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	132,343	132,343	132,343	132,343	132,343	132,343	794,058
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	132,343	132,343	132,343	132,343	132,343	132,343	794,058

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 2009 capital budget totals \$5,538,524 of which \$4,238,524 is to be funded by capital contributions from the participating jurisdictions and the balance of \$1,300,000 is to be funded by interest earnings and a transfer from the Authority's Restricted Fund. Of the FY 2009 capital budget total, the City's share is \$352,023. The Park Authority's FY 2009 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 2009 capital contribution (\$352,023) represents an increase of \$4,796 or 1.4 percent compared to the FY 2008 contribution.

Project History: In 1969, the City became a member of the Northern Virginia Regional Park Authority. The Authority operates 19 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 2006 population estimates. 2006 population estimates are provided by the U.S. Bureau of the Census, resulting in adjustments to each jurisdiction's contribution.

JURISDICTION	2006 ESTIMATED POPULATION	PERCENT	FY 2009 CAPITAL REQUEST
City of Alexandria	136,974	8.31%	\$352,023
Arlington County	199,776	12.11%	\$513,424
City of Fairfax	22,422	1.36%	\$57,625
Fairfax County	1,010,443	61.27%	\$2,596,839
Falls Church City	10,799	0.65%	\$27,753
Loudoun County	268,817	16.30%	\$690,860
Totals	1,649,231	100.00%	\$4,238,524

Operating Impact: In FY 2009, a total of \$282,523 is included in the operating budget for the City's share of operating budget costs.

NVRPA	Unallocated Balance	FY 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	352,023	352,023	352,023	352,023	352,023	352,023	2,112,138
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	352,023	352,023	352,023	352,023	352,023	352,023	2,112,138

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 2014) 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 2009, 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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
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

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 2009, the City has budgeted a debt service payment of \$146,502.

Changes from Prior Year: \$146,502 has been budgeted in FY 2009 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 2009, a total of \$573,475 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 2009						Total FY2009-FY2014
		Approved	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Funded	0	146,502	141,368	136,272	129,212	121,266	115,465	790,085
Less Revenues	0	0	0	0	0	0	0	0
Net City Share	0	146,502	141,368	136,272	129,212	121,266	115,465	790,085

Other Regional Contributions

PAGE INTENTIONALLY LEFT BLANK

IT Plan

PAGE INTENTIONALLY LEFT BLANK

CHANGES TO THE IT PLAN FROM THE PRIOR YEAR

The FY 2009 to FY 2014 Information Technology Capital Improvement Plan (IT/CIP) total of \$24.8 million continues the City's Information Technology agenda. The IT/CIP total of \$24.8 million in City funding compares with \$22.8 million in City funding in the FY 2008 to FY 2013 Information Technology Capital Improvement Plan. This represents an increase of \$2.0 million. This is primarily attributable to the inclusion of \$4.0 million required to fund the replacement of the City's human resources, payroll and financial systems in FY 2010 and FY 2011, and the inclusion of \$1.95 million in FY 2012, FY 2013 and FY 2014 to replace the City's Lotus Notes email system.

In years past, funding requests for projects were usually moved out a year or two if they were not funded in the current fiscal year, thus keeping the 6-year total high. This year's IT/CIP represents a break from this method, as projects that were not funded in FY 2009 were generally not funded in the "out" years 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 mentioned above. A listing of these projects is included below.

The City has been able to accommodate several new initiatives this year, however, by reprogramming prior year unallocated funds from several projects that will not need these funds in the near-term. These are described in detail below.

The City proposed funding for the FY 2009 to FY 2014 IT Plan is as follows:

	City Share	Outside Revenues	Total
FY 2009	\$1,929,100	\$1,207,125	\$3,136,225
FY 2010	\$6,786,875	\$795,000	\$7,581,875
FY 2011	\$4,693,963	\$795,000	\$5,488,963
FY 2012	\$2,304,161	\$795,000	\$3,099,161
FY 2013	\$2,503,369	\$795,000	\$3,298,369
FY 2014	\$1,427,612	\$795,000	\$2,222,612
Total	\$19,645,080	\$5,182,125	\$24,827,205

The proposed FY 2009 to FY 2014 IT Plan includes projects that will continue to strengthen the City's IT infrastructure. On-going maintenance and 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 2009 - FY 2014

- *Customer Relationship Management System* – Existing funds in the amount of \$300,000 from the city's e-government and website enhancements projects were reallocated in FY 2008 to fund this important system that will improve the City's current process of managing, tracking and completing citizen requests for information and services.
- *Criminal Justice Systems Data Storage* - A funding request for \$100,000 in FY 2009 allows for the purchase and installation of a tape library 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.
- *Replace Lotus Notes* - This project provides funds (\$1.95 million) to migrate the City's current e-mail services, IBM's Lotus Notes, to Microsoft Exchange. An amount of \$650,000 has been budgeted for this purpose in each of three fiscal years, beginning in FY 2011.
- *Enterprise Maintenance Management System* - Funds in the amount of \$100,000 are included in FY 2009 to purchase additional modules for the new Computerized Maintenance Management System to be implemented in 2008, and to extend the use of this project into other departments.
- *General Services Energy Management System* – \$50,000 in prior year monies were reallocated in FY 2008 from the HR/Payroll project to fund the City's acquisition of an energy management system to simplify the tracking and analysis of over 350 City energy bills. This system will pay for itself over time due to energy savings it will identify.
- *Telephone Emergency Notification System* - \$100,000 in prior year monies were reallocated in FY 2008 from the HR/Payroll project to fund the replacement of the City's emergency notification system, used for targeted phone notifications during emergencies.

Existing Project Highlights

- *Library Automated Catalog Upgrade* – FY 2009 funds for this project have been increased by \$35,000 to \$170,000 to reflect a more accurate and recent estimate of anticipated costs.

FY 2009 funding requests (or a portion of the request) for some projects were deferred to FY 2010 or later to reflect a more realistic schedule of when the funds will actually be needed for the project. These include:

- *Payroll/Personnel Systems* — Funds in the amount of \$2,000,000 are included in FY 2010 and another \$1,000,000 in FY 2011 to provide some means to proceed with the acquisition of a new system that will replace the City's legacy system. The eventual cost of this system replacement is not known until specifications are completed, proposals received, and a contract negotiated.
- *Financial Accounting and Asset Management System* — Funding in the amount of \$560,000 scheduled for FY 2009 has been increased to \$1,000,000 and moved to FY 2011 to provide the means to replace the City's legacy financial applications, including Accounting, Purchasing and OMB systems. It is anticipated that a consolidated procurement will occur for both the payroll and financial systems.
- *Purchasing System Replacement* - Funding in the amount of \$600,000 in FY 2009 has been eliminated as the Purchasing system replacement will be a part of the consolidated financial system procurement.

FY 2009-FY2014 IT PLAN

- *OMB System Replacement* – Funding in the amount of \$75,000 in FY 2009 has been eliminated as the OMB System replacement will be a part of the consolidated financial system procurement.
- *Document Management and Imaging Infrastructure* – This project has been funded in the amount of \$337,000 in FY 2009, a reduction of \$38,000. The funds will primarily be used to complete scanning projects in departments that already have imaging services in place. This should directly impact the amount of physical storage currently required to house these documents.
- *AVL for Non-Public Safety* – The original FY 2009 funding request of \$200,000 has been eliminated to provide funds for higher priority projects.
- *Sheriff Mobile Video System* – This project has been funded with prior year unallocated funds from the HR/Payroll project. No additional funds are needed at this time.

Some projects were able to forgo their original FY 2009 request, due to the availability of prior year funds. These projects include:

- *Web Site Enhancements* — Funding in the amount of \$125,000 in FY 2009 has been eliminated.
- *Electronic Government* — Funding in the amount of \$200,000 in FY 2009 has been eliminated.
- *Intranet* — Funding in the amount of \$10,000 in FY 2009 has been eliminated.
- *Individual Building LAN Development* — Funding in the amount of \$50,000 in FY 2009 has been eliminated.
- *Upgrade Network Operating System* — Funding in the amount of \$25,000 in FY 2009 has been eliminated.
- *Wireless Information Utility* — Funding in the amount of \$20,000 in FY 2009 has been eliminated.
- *Desktop Productivity*- Funding in the amount of \$50,000 in FY 2009 has been eliminated.

Projects that have been Closed

- *Remote Time and Attendance* - This project has been completed.
- *Highway Video Program* - This project has been cancelled due to the elimination of required federal funding.

Project Requests Which Were Not Funded in FY 2009 - FY 2014

The following project requests for FY 2009 were classified as 'Tier III' funding priorities and therefore not funded. These projects will be candidates for restoring funding should more money be added to the IT/CIP.

- *Document Management and Imaging Infrastructure* - An amount of \$337,000 has been funded in this project in FY 2009 to complete the imaging of land development documents. \$174,000 requested to expand imaging initiatives to the Purchasing Office and to the Office of Historic Alexandria was not funded.
- *Citizen Finance Portal* – The request of \$150,000 to create a 'one-stop shop' payment center for on-line citizen web services was not considered to be a time-sensitive need at this time.

FY 2009-FY2014 IT PLAN

- *Sheriff Mobile Data Browser* – A request of \$70,500 to purchase additional mobile data browsers for Sheriff's vehicles was not considered to be a time-sensitive need at this time.
- *Fire Department Radios* – The request of \$40,000 to fund additional radios for Fire staff was considered to be non-essential at this time.
- *TES DOT Paratransit Module* – This request of \$32,000 was considered to be non-mission critical at this time.

The availability of funds in FY 2010 in the IT/CIP is limited due to the inclusion of several high-priority, critical funding requests in the IT Plan, as well as overall City-wide CIP financial restrictions. These include \$3.6 million for public safety radios and \$2 million in funding for the HR/Payroll system replacement. As a result, in FY 2010, neither Tier II nor Tier III prioritized project requests were funded. These projects, described below, will also be candidates for restoring funding should more money be added to the IT/CIP.

FY 2010 – TIER II:

- *Electronic Government* – \$200,000
- *Document Management and Imaging Infrastructure* – \$185,000
- *GIS Development* - \$180,000
- *Police CAD/RMS* - \$328,000

FY 2011 – TIER III:

- *Document Management and Imaging Infrastructure* - \$200,000
- *AVL for Non-Public Safety*- \$100,000
- *Intranet* - \$10,000
- *Wireless Initiatives* - \$20,000

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 Systems
- Geographic Information Systems
- Public Safety Systems
- Recreation 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

A summary of these projects and costs is shown on page 31, with operating budget impacts on page 35.

PAGE INTENTIONALLY LEFT BLANK

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.

PAGE INTENTIONALLY LEFT BLANK

SUMMARY TOTALS

The following table summarizes proposed spending on Information Technology for FY 2009 to FY 2014. Detailed descriptions follow the summary.

FY 2009-FY2014 IT PLAN

Information Technology Capital Improvement Plan For FY 2009 to FY 2014 19-Jun-08

CIP Project ID (1)	Project Title (2)	Net Balances									
		Net Totals (3)	Prior Year (4)	FY 2009 (5)	FY 2010 (6)	FY 2011 (7)	FY 2012 (8)	FY 2013 (9)	FY 2014 (10)		
TOTAL General Fund Costs - All Information Technology CIP Projects				1,929,100	6,786,875	4,693,963	2,304,161	2,503,369	1,427,612		
Less Comcast Revenues				-1,207,125	-795,000	-795,000	-795,000	-795,000	-795,000		
1 TOTAL Net Costs - All Information Technology CIP Projects		29,353,315	4,526,110	3,136,225	7,581,875	5,488,963	3,099,161	3,298,369	2,222,612		
2	3 015-014 Systems Development	16,962,065	3,024,110	1,504,100	6,129,750	3,418,963	974,161	1,168,369	742,612		
4	5 015-014-1 Public Access Development	2,417,840	992,840	0	125,000	325,000	325,000	325,000	325,000		
5	6 015-014-1-1 Web Site Enhancements		417,340	0	125,000	125,000	125,000	125,000	125,000		
6	7 015-014-1-2 Electronic Government		275,500	0	0	200,000	200,000	200,000	200,000		
7	8 015-014-1-3 NEW Customer Relationship Management System		300,000	0	0	0	0	0	0		
8	9 015-014-1-4 Public Access to Land Records		0	0	0	0	0	0	0		
10	11 015-014-2 Document Management Systems	1,208,500	41,500	362,000	25,000	385,000	135,000	135,000	125,000		
11	12 015-014-2-1 MH/MRSA Medical Records Management		41,500	25,000	25,000	0	0	0	0		
12	13 015-014-2-2 Document Management and Imaging Infrastructure		0	337,000	0	385,000	135,000	135,000	125,000		
14	15 015-014-3 Financial and Human Resource Systems	4,907,760	307,780	300,000	2,100,000	2,200,000	0	0	0		
15	16 015-014-3-1 Real Estate Assessment System		50,000	0	100,000	0	0	0	0		
16	17 015-014-3-2 OMB Systems		0	0	0	0	0	0	0		
17	18 015-014-3-3 Payroll/Personnel System		100,000	0	2,000,000	1,000,000	0	0	0		
18	19 015-014-3-4 Financial Accounting and Asset Management System		107,800	0	0	1,000,000	0	0	0		
19	20 015-014-3-5 Delinquent Revenue Collection Mgt. System		0	0	0	0	0	0	0		
20	21 015-014-3-6 Business Tax System		49,980	200,000	0	0	0	0	0		
21	22 015-014-3-7 NEW Real Estate Accounts Receivable System		0	100,000	0	0	0	0	0		
22	23 015-014-3-8 Purchasing System Replacement		0	0	0	0	0	0	0		
23	24 015-014-3-9 Personal Property Tax System		0	0	0	200,000	0	0	0		
24	25										
25	26 015-014-4 Geographic Information Systems	732,845	272,845	90,000	0	190,000	90,000	90,000	90,000	0	
26	27 015-014-4-1 GIS Development		187,600	90,000	0	90,000	90,000	90,000	90,000	0	
27	28 015-014-4-3 AVL for Non-Public Safety		85,245	0	0	100,000	0	0	0	0	
28	29										
29	30 015-014-5 Public Safety Systems	6,509,500	773,545	357,100	3,854,750	283,963	389,161	583,369	267,612		
30	31 015-014-5-1 Public Safety Radio System Replacement		50,000	50,000	3,650,000	50,000	50,000	50,000	50,000	0	
31	32 015-014-5-2 A-JIS Enhancements		126,000	185,000	194,250	203,963	214,161	224,869	236,112		
32	33 015-014-5-3 Police CAD/RMS Project		47,954	58,600	0	30,000	58,500	308,500	31,500		
33	34 015-014-5-4 Fire Records Management Project		199,591	63,500	10,500	0	66,500	0	0		
34	35 015-014-5-5 Interoperability Strategies for Public Safety		0	0	0	0	0	0	0		
35	36 015-014-5-6 EMS Records Management System		40,000	0	0	0	0	0	0		
36	37 015-014-5-7 Sheriff Accreditation Training System		75,000	0	0	0	0	0	0		
37	38 015-014-5-8 Sheriff Network Connectivity Conversion		48,000	0	0	0	0	0	0		
38	39 015-014-5-9 Sheriff Laptops		15,000	0	0	0	0	0	0		
39	40 015-014-5-10 Sheriff Mobile Video System		72,000	0	0	0	0	0	0		
40	41 015-014-5-11 NEW Telephone Emergency System Upgrade		100,000	0	0	0	0	0	0		
41	42										

FY 2009-FY2014 IT PLAN

Information Technology Capital Improvement Plan For FY 2009 to FY 2014 19-Jun-08

CIP Project ID	Project Title	Net Balances									
		Net Totals	Prior Year	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
43 015-014-6	Recreation Systems	75,000	75,000	0	0	0	0	0	0	0	
44 015-014-6-1	Recreation Systems		75,000	0	0	0	0	0	0	0	
45											
46 015-014-7	Other Systems	1,110,600	560,600	395,000	25,000	35,000	35,000	35,000	25,000		
47 015-014-7-1	Permit Processing		330,600	0	0	0	0	0	0	0	
48 015-014-7-2	Intranet		105,000	0	0	10,000	10,000	10,000	0	0	
49 015-014-7-3	TES Infrastructure Management and Maintenance System		0	100,000	0	0	0	0	0	0	
50 015-014-7-4	MHMRSA HIPAA Data Security Compliance		25,000	25,000	25,000	25,000	25,000	25,000	25,000		
51 015-014-7-5	IT Project Management		50,000	0	0	0	0	0	0	0	
52 015-014-7-6	DHS Payment System Replacement		0	0	0	0	0	0	0	0	
53 015-014-7-7	Library Automated Catalog Upgrade		0	170,000	0	0	0	0	0	0	
54 015-014-7-8	NEW General Services Energy Management System		50,000	0	0	0	0	0	0	0	
55 015-014-7-9	NEW Enterprise Maintenance Management System		0	100,000	0	0	0	0	0	0	
56											
57 015-015 Infrastructure Projects		12,391,250	1,502,000	1,632,125	1,452,125	2,070,000	2,125,000	2,130,000	1,480,000		
58											
59 015-015-1	Local Area Network (LAN) Services	6,074,250	310,000	832,125	657,125	1,270,000	1,215,000	1,220,000	570,000		
60 015-015-1-1	LAN Backbone Capacity		75,000	50,000	75,000	75,000	75,000	75,000	75,000		
61 015-015-1-2	Individual Building LAN Development		50,000	0	25,000	25,000	25,000	25,000	25,000		
62 015-015-1-3	Upgrade Network Operating System		25,000	0	15,000	15,000	15,000	20,000	20,000		
63 015-015-1-4	Upgrade Work Station Operating Systems		160,000	200,000	50,000	50,000	50,000	50,000	50,000		
64 015-015-1-5	Network Infrastructure Hardware Upgrades/ Replacement		0	482,125	492,125	455,000	400,000	400,000	400,000		
65 015-015-1-6	NEW Criminal Justice Systems Data Storage		0	100,000	0	0	0	0	0		
66 015-015-1-7	NEW Replace Lotus Notes		0	0	650,000	650,000	650,000	650,000	0		
67											
68 015-015-2	Wide Area Network (WAN) Services	4,762,000	1,022,000	625,000	570,000	625,000	640,000	640,000	640,000		
69 015-015-2-1	Institutional Network Development		0	375,000	375,000	375,000	450,000	450,000	450,000		
70 015-015-2-2	Telephony Integration		621,000	0	0	75,000	75,000	75,000	75,000		
71 015-015-2-3	Security		115,000	200,000	140,000	110,000	50,000	50,000	50,000		
72 015-015-2-4	Application Deployment Management		28,000	50,000	25,000	25,000	25,000	25,000	25,000		
73 015-015-2-5	Database Infrastructure		258,000	0	30,000	40,000	40,000	40,000	40,000		
74											
75 015-015-3	Enterprise Services	1,555,000	170,000	175,000	225,000	175,000	270,000	270,000	270,000		
76 015-015-3-1	E-mail Services		0	175,000	175,000	105,000	200,000	200,000	200,000		
77 015-015-3-2	Wireless Initiatives (Information Utility)		120,000	0	0	20,000	20,000	20,000	20,000		
78 015-015-3-3	Desktop Productivity Environment		50,000	0	50,000	50,000	50,000	50,000	50,000		

PAGE INTENTIONALLY LEFT BLANK

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 2009 - FY 2014 Information Technology Plan of the City's operating budget.

FY 2009-FY2014 IT PLAN

Information Technology Capital Improvement Plan For FY 2009 to FY 2014 - Estimated Operating Impacts 19-Jun-08

CIP Project ID	Project Title (2)	Six Year Totals						FY 2013 (9)	FY 2014 (10)
		(3)	(4)	(5)	(6)	(7)	(8)		
1	TOTAL Operating Costs - All Information Technology CIP Projects	22,781,831	3,044,172	3,331,430	3,743,589	3,951,892	4,090,528	4,620,220	
2									
3	015-005 Systems Development	13,645,172	1,724,564	1,969,538	2,345,119	2,437,724	2,534,033	2,634,194	
4									
5	015-014-1 Public Access Development	905,534	136,520	141,981	147,660	153,566	159,709	166,097	
6	015-014-1-1 Web Site Enhancements		67,600	70,304	73,116	76,041	79,082	82,246	
7	015-014-1-2 Electronic Government		20,800	21,632	22,497	23,397	24,333	25,306	
8	015-014-1-3 NEW Customer Relationship Management System		45,000	46,800	48,672	50,619	52,644	54,749	
9	015-014-1-4 Public Access to Land Records		3,120	3,245	3,375	3,510	3,650	3,796	
10									
11	015-014-2 Document Management Systems	478,582	72,152	75,038	78,040	81,161	84,408	87,784	
12	015-014-2-1 MHMRS Medical Records Management		22,152	23,038	23,960	24,918	25,915	26,951	
13	015-014-2-2 Document Management and Imaging Infrastructure		50,000	52,000	54,080	56,243	58,493	60,833	
14									
15	015-014-3 Financial Systems	4,124,568	432,420	450,341	765,154	794,561	825,143	856,949	
16	015-014-3-1 Real Estate Assessment System		30,000	30,000	30,000	30,000	30,000	30,000	
17	015-014-3-2 OMB Systems		18,720	19,469	20,248	21,057	21,900	22,776	
18	015-014-3-3 Payroll/Personnel System		100,000	100,000	312,000	324,480	337,459	350,958	
19	015-014-3-4 Financial Accounting and Asset Management System		140,000	151,424	157,481	163,780	170,331	177,145	
20	015-014-3-5 Delinquent Revenue Collection Mgt. System		22,500	23,400	24,336	25,309	26,322	27,375	
21	015-014-3-6 Business Tax System		31,200	32,448	33,746	35,096	36,500	37,960	
22	015-014-3-7 NEW Real Estate Accounts Receivable System		15,000	15,600	16,224	16,873	17,548	18,250	
23	015-014-3-8 Purchasing System Replacement		0	0	90,000	93,600	97,344	101,238	
24	015-014-3-9 Personal Property Tax System		75,000	78,000	81,120	84,365	87,739	91,249	
25									
26	015-014-4 Geographic Information Systems	949,844	0	175,367	182,382	189,677	197,264	205,155	
27	015-014-4-1 GIS Development		139,776	145,367	151,182	157,229	163,518	170,059	
28	015-014-4-3 AVL for Non-Public Safety		0	30,000	31,200	32,448	33,746	35,096	
29									
30	015-014-5 Public Safety Systems	5,303,210	799,522	831,503	864,763	899,354	935,328	972,741	
31	015-014-5-1 Public Safety Radio System Replacement		517,920	538,637	560,182	582,590	605,893	630,129	
32	015-014-5-2 AJIS Enhancements		130,000	135,200	140,608	146,232	152,082	158,165	
33	015-014-5-3 Police Computer Aided Dispatch (CAD)/RMS Project		39,000	40,560	42,182	43,870	45,624	47,449	
34	015-014-5-4 Fire Records Management Project		39,000	40,560	42,182	43,870	45,624	47,449	
35	015-014-5-5 Interoperability Strategies for Public Safety		0	0	0	0	0	0	
36	015-014-5-6 EMS Records Management System		34,000	35,360	36,774	38,245	39,775	41,366	
37	015-014-5-7 Sheriff Accreditation Training System		11,250	11,700	12,168	12,655	13,161	13,687	
38	015-014-5-8 Sheriff Network Connectivity Conversion		-1,248	-1,298	-1,350	-1,404	-1,460	-1,518	
39	015-014-5-9 Sheriff Laptops		2,600	2,704	2,812	2,925	3,042	3,163	
40	015-014-5-10 Sheriff Mobile Video System		12,000	12,480	12,979	13,498	14,038	14,600	
41	015-014-5-11 NEW Telephone Emergency System Upgrade		15,000	15,600	16,224	16,873	17,548	18,250	
42									

**Information Technology
Capital Improvement Plan For FY 2009 to FY 2014 - Estimated Operating Impacts
19-Jun-08**

CIP Project ID	Project Title (2)	Six Year Totals (3)						FY 2013 (9)	FY 2014 (10)
		(1)	(4)	(5)	(6)	(7)	(8)		
43 015-014-6	Recreation Systems	41,390	6,240	6,490	6,749	7,019	7,300	7,592	
44 015-014-6-1	Recreation Systems		6,240	6,490	6,749	7,019	7,300	7,592	
45	Other Systems	1,842,044	277,710	288,818	300,371	312,386	324,881	337,877	
46 015-014-7	Permit Processing	166,400	173,056	179,978	187,177	194,664	202,451	202,451	
47 015-014-7-1	Intranet	15,600	16,224	16,873	17,548	18,250	18,980	18,980	
48 015-014-7-2	TES Infrastructure Management and Maintenance System	11,250	11,700	12,168	12,655	13,161	13,687	13,687	
49 015-014-7-3	MHMRSA HIPAA Data Security Compliance	5,200	5,408	5,624	5,849	6,083	6,327	6,327	
50 015-014-7-4	IT Project Management	4,500	4,680	4,867	5,062	5,264	5,475	5,475	
51 015-014-7-5	DHS Payment System Replacement	31,200	32,448	33,746	35,096	36,500	37,960	37,960	
52 015-014-7-6	Library Automated Catalog Upgrade	21,060	21,902	22,778	23,690	24,637	25,623	25,623	
53 015-014-7-7	NEW General Services Energy Management System	7,500	7,800	8,112	8,436	8,774	9,125	9,125	
54 015-014-7-8	NEW Enterprise Maintenance Management System	15,000	15,600	16,224	16,873	17,548	18,250	18,250	
55 015-014-7-9									
56									
57 015-004	Infrastructure Projects	9,136,659	1,319,608	1,361,892	1,398,470	1,514,168	1,556,495	1,986,025	
58									
59 015-015-1	Local Area Network (LAN) Services	1,374,218	151,760	157,830	159,926	166,322	172,975	565,404	
60 015-014-1-1	LAN Backbone Capacity	11,700	12,168	12,655	13,161	13,687	14,235	14,235	
61 015-014-1-2	Individual Building LAN Development	7,800	8,112	8,436	8,774	9,125	9,490	9,490	
62 015-014-1-3	Upgrade Network Operating System	5,200	5,408	5,624	5,849	6,083	6,327	6,327	
63 015-014-1-4	Upgrade Work Station Operating Systems	7,800	8,112	8,436	8,774	9,125	9,490	9,490	
64 015-014-1-5	Network Infrastructure Hardware Upgrades/ Replacement	6,760	7,030	7,312	7,604	7,908	8,225	8,225	
65 015-014-1-6	NEW Criminal Justice Systems Data Storage	15,000	15,600	16,224	16,873	17,548	18,250	18,250	
66 015-014-1-7	NEW Replace Lotus Notes	97,500	101,400	105,456	109,674	114,061	118,624	118,624	
67									
68 015-015-2	Wide Area Network (WAN) Services	6,145,004	924,000	950,460	974,798	1,073,550	1,098,252	1,123,942	
69 015-015-2-1	Institutional Network Development	739,000	753,560	768,702	783,844	799,000	814,200	829,400	
70 015-015-2-2	Telephony Integration	120,000	124,800	129,792	134,984	140,383	145,998	145,998	
71 015-015-2-3	Security	52,000	54,080	56,243	58,493	60,833	63,266	63,266	
72 015-015-2-4	Application Deployment Management	7,800	8,112	8,436	8,774	9,125	9,490	9,490	
73 015-015-2-5	Database Infrastructure	5,200	5,408	5,624	5,849	6,083	6,327	6,327	
74									
75 015-015-3	Enterprise Services	1,617,438	243,848	253,602	263,746	274,296	285,268	296,678	
76 015-015-3-1	E-mail Services	240,000	249,600	259,584	269,967	280,766	291,997	291,997	
77 015-015-3-2	Wireless Initiatives (Information Utility)	2,600	2,704	2,812	2,925	3,042	3,163	3,163	
78 015-015-3-3	Desktop Productivity Environment	1,248	1,298	1,350	1,404	1,460	1,518	1,518	

PAGE INTENTIONALLY LEFT BLANK

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	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Totals
	Unallocated							
Web Site Enhancements	417,340	0	125,000	125,000	125,000	125,000	125,000	1,042,340
Electronic Government	275,500	0	0	200,000	200,000	200,000	200,000	1,075,500
NEW Customer Relationship Management System	300,000	0	0	0	0	0	0	300,000
Public Access to Land Records	0	0	0	0	0	0	0	0
Total, Net City Cost	992,840	0	125,000	325,000	325,000	325,000	325,000	2,417,840

Web Site Enhancements

(015-014-1-1) Priority: Very Desirable

This project includes enhancements to, and applications for, the City of Alexandria's public web site at alexandriava.gov and related sites.

Monies in this project fund the ongoing development and evolution of departmental pages on the City's web site. Additional web site enhancements and applications are evaluated on a regular basis with input from the Commission on Information Technology, the Information Technologies Steering Committee, and the Alexandria Communicators.

Over the next year, web site enhancements will include:

- *Accessibility and Language* — The City's home page is compliant with federal ADA guidelines to assist web users with disabilities. All departmental and new development content is compliant with these guidelines. The City continues to work to add more web content in Spanish and other languages.
- *Content Management System* — With the City's new content management system (CMS), installed and operational in November 2007, more routine web updates will be made by department staff. This will permit the E-Government Team to shift their work focus to complex web work and new application development, as well as integrating new site features with the CMS.
- *Geographic Information System (GIS)* — Using the web map viewer as a foundation, the E-Government Team will continue to work with Planning & Zoning's GIS Office to integrate GIS data and other web content.
- *New Media* — The goal of e-government is to bring government to the customer, using technology to improve convenience and efficiency. This requires government to adapt to the technologies being used by customers, which increasingly include new media. For example, news headlines from the City's home page at alexandriava.gov are also published in the Really Simple Syndication (RSS) format, which allows users to

FY 2009-FY2014 IT PLAN

subscribe to the content with an aggregator (reader client). A key benefit of RSS for the City is that other web sites, such as neighborhood associations or local businesses, can incorporate City content automatically. This helps the City reach larger audiences with important information. Future applications of RSS will include content such as job listings, requests for proposals, and calendars of events. The City is a local government pioneer in using podcasting (the use of RSS to deliver audio files) to reach new audiences, and now produces seven podcast shows. Throughout FY 2008-2009, the City will look for more new media opportunities to reach more customers.

- *Online Payments* — The City's eChecks service has processed more than \$17 million in payments since 2004. The E-Government Team will continue to work with the Finance Department to expand the availability of online payment methods, including credit cards and e-checks, with an emphasis on improving customer convenience, reducing fees, and creating internal efficiencies.
- *Online Permitting* — The E-Government Team will work with the Department of Planning and Zoning, the Department of Transportation and Environmental Services, and the Code Enforcement Bureau, to allow customers to apply for, pay for, and check the status of building, planning, and zoning permits.

These are just a few of the many potential uses which will require resources in 2008 - 2009. The public's reliance on the web site and the increasing use by staff of the Internet for work purposes continues to place a load on both equipment and telecommunications capacity. Residents increasingly come to depend on the web site as their "electronic City Hall."

Project Benefit:

This project provides enhanced services to the public by making information about the City government available 24 hours a day. In addition, the City's web site provides the platform for delivering certain kinds of City services in a more cost-effective and convenient manner.

Operating Budget Impact:

Maintenance costs for the City's web site are approximately \$65,000 per year.

Change In Project From Prior Fiscal Years:

Sufficient prior-year funds remain such that no funds are requested for this project for FY 2009. Funding of \$125,000 per year has been extended for remaining years through FY 2014, to reflect the ongoing work supported in this category.

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. Electronic media are becoming increasingly popular and useful as a means of communication and providing services. As technology continues to evolve, so do the methods to develop e-government services to take advantage of these technologies to produce efficiencies in traditional business practices, providing better customer service in the delivery of government services and information.

FY 2009-FY2014 IT PLAN

E-Government services within the City of Alexandria 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. Many of the projects within the six-year Information Technology Plan, while perhaps not purely e-government projects, contain e-government elements and funding. The following chart shows the e-government initiatives being funded in the projects included in this plan.

E-Government Initiatives within the FY 2009 - 2014 IT Plan		
Project Name	Initiative	FY 2009 Funding
Public Access to Land Records, page 43	To provide access to the Alexandria Circuit Court land records and related documents on the Internet.	\$0; this project is underwritten by the State
Online Payments(see Web Site Enhancements project, page 39)	To expand and improve online services to allow customers to research and pay taxes, tickets, fees, and other payments with e-checks and credit cards. Citizens can now make contributions to the City's Open Space Fund, sign up for the Walk for Breast Cancer and will soon be able to pay Business Personal Property taxes with eChecks.	\$30,000 in prior year project funds will be used to improve this service
Alexandria Justice Information System Enhancements, page 60	To develop enhancements to the system, including online access to certain information (See Public Access to Land Records project).	\$185,000, a portion of which will be used for E-Government
Permitting Systems, page 71	To improve telephone and provide online inspection scheduling, and provide mobile access to the application.	There are sufficient prior-year resources in this project to address this need.
Intranet (CityNet), page 73	To provide access to employees to a variety of City-specific data. In the future, to provide access to some applications.	\$0, there are sufficient prior year resources to address this need.
Customer Relationship Management System, page 42	To allow on-line submission of requests for service via the City's website.	\$300,000, a portion of which will be used for this purpose.

Please refer to the specifics on each project in this plan for additional information. Please refer to the overall funding on page 31 for information on the FY 2009 - 2014 six-year funding for each of these projects.

Project Benefit:

Prospective new e-government initiatives are reviewed for conformance to the City's e-government strategic principles (see E-Government Guiding Principles, 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 \$20,000 per year.

Change in Project from Prior Fiscal Years:

Sufficient prior-year funds remain such that no funds are requested for this project for FY 2009. Funding of \$200,000 per year has been extended for remaining years through FY 2014, to reflect the increasing work supported in this category.

FY 2009-FY2014 IT PLAN

Customer Relationship Management System

(015-014-1-3) Priority: Very Desirable

The City will acquire and implement an enterprise system in FY 2008 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 greater 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:

This is a new project in FY 2009. Funds in the amount of \$300,000 were reprogrammed from prior year unallocated monies from the Web Site Enhancements and E-Government projects, as this project is considered to support the goals of both of these projects.

Public Access to Land Records

(015-014-1-4) Priority: Very Desirable

The purpose of this project is to make available the Alexandria Circuit Court land records and related documents on the Internet. The following table shows the land records and indexes and their status with regard to conversion to a format accessible through the Internet.

Date of Records	Status
Land Records from 1970 - present and future	Conversion to Internet readable format complete.
Land Records from 1930 - present and future	Conversion to Internet readable format complete.
Land Records from 1970 - present and future	Linked to images of actual recorded documents.

All the above records and indexes have been converted to a format compatible with web browser access with imaging. The records and indexes will be placed on a separate public access server isolated from the daily operating Records Management System (RMS). The City will provide links from the Clerk of Court page on the City's web site to access the land records data. In FY 2002, land records from 1970 through 1999 were converted to digital TIFF format, the format used by the State Supreme Court. In FY 2005, the indexes from 1930 to 1969 were converted to a format used by the Supreme Court for incorporation into RMS at a future date. The images from 1970 to present have been linked to the RMS indexes.

FY 2009-FY2014 IT PLAN

The Virginia General Assembly initiated a project to automate and create remote access to the Commonwealth's land records by funding through the Technology Trust Fund (TTF) (administered by the State Compensation Board and the Council on Information Management). The Clerk of Circuit Court is the official custodian of these records.

The initial phase in which the records were converted from CD and microfilm to a format accessible through the Internet has been accomplished. Circuit Court and Supreme Court staff have completed the second phase of the work, to link the indexes to scanned images.

The Clerk of Courts has contracted with the State Supreme Court to provide Internet access to these documents. It is anticipated that this service will be funded by the Clerk's technology surcharge of \$5 for every document filed with this office.

The Clerk has completed all necessary work to establish internet access to RMS (Deeds) and AJIS (cases). The Clerk is currently waiting for city IT to establish the connection in order that the subscriber fee may be collected by the city.

Project Benefit:

This project will make the land records and AJIS records of the City of Alexandria electronically available to other City agencies and paid subscribers. As paper records age, they become more fragile and handling hastens their deterioration. Remote access provides access to essential land records 24 hours a day, gives other City agencies immediate access to the official land records and AJIS records in their own offices, converts the document into digital format, and gives access to title attorneys and real estate personnel who subscribe to more efficiently serve residents involved in real estate transactions in the City of Alexandria.

Operating Budget Impact:

Maintenance costs for this project are estimated at \$3,000 annually, with anticipated revenues of approximately \$180,000 yearly.

Change In Project From Prior Fiscal Years:

The Clerk's office intends on meeting the July 1, 2008 State-mandated deadline for making these records Internet-available.

FY 2009-FY2014 IT PLAN

DOCUMENT MANAGEMENT SYSTEMS

	Prior Year							
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Totals
MHM RSA Medical Records Management	41,500	25,000	25,000	0	0	0	0	91,500
Document Management and Imaging Infrastructure								
<i>Unfunded</i>	0	174,000	385,000	0	0	0	0	559,000
Funded	0	337,000	0	385,000	135,000	135,000	125,000	992,000
Net City Cost		337,000	0	385,000	135,000	135,000	125,000	992,000
Total, Net City Cost	41,500	362,000	25,000	385,000	135,000	135,000	125,000	1,083,500

MH/MR/SA Medical Records Management System

(015-015-1-3) Priority: Very Desirable

In 1998, the Department of Mental Health, Mental Retardation and Substance Abuse purchased a 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. Lastly, the Critical Incident Reporting System (CIRS) was completely re-written in ASP .NET 2.0 to leverage the department's investment in Microsoft web server functions and email notification.

Project Benefit:

The medical records system has eased State reporting requirements by providing 'one button' State reports, and helped ensure continued licensure and other regulatory compliance. The system enhancements will help ensure compliance with the changes in Federal and State regulations, and will enhance the security and reliability of our medical records database. They will also greatly aid our migration to a paperless medical record as well as facilitate Medicaid reimbursement.

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: Very 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. 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 reducing the document retrieval process from days of seconds.

Funding for this project in FY 2009 is \$337,000 primarily to be 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 provide convenient access to information and related services to residents, businesses and City staff, as well as promote data integration, improve security, and reduce 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:

A total of \$337,000 is included in FY 2009 funding to provide monies to continue imaging land development documents. The requirement for funding in this project is expected to decrease as the backlog of older paper documents are imaged, and the majority of future needs concern "day-forward" scanning. An additional FY 2009 funding request of \$174,000 was not funded for this project, however. The requested funds were to be used to expand the imaging initiative to several departments including Purchasing and Historic Alexandria.

FY 2009-FY2014 IT PLAN

FINANCIAL SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Real Estate Assessment System	50,000	0	100,000	0	0	0	0	150,000
OMB Systems	0	0	0	0	0	0	0	0
Payroll/Personnel System								
> Payroll Personnel Study	100,000	0	0	0	0	0	0	100,000
> System Replacement	0	0	2,000,000	1,000,000	0	0	0	3,000,000
Totals	100,000	0	2,000,000	1,000,000	0	0	0	3,100,000
Financial Accounting and Asset Management System	107,800	0	0	1,000,000	0	0	0	1,107,800
Delinquent Revenue Collection Mgt. System	0	0	0	0	0	0	0	0
Business Tax System	49,980	200,000	0	0	0	0	0	249,980
NEW Real Estate Accounts Receivable System	0	100,000	0	0	0	0	0	100,000
Purchasing System Replacement	0	0	0	0	0	0	0	0
Personal Property Tax System	0	0	0	200,000	0	0	0	200,000
Total, Net City Cost	307,780	300,000	2,100,000	2,200,000	0	0	0	4,907,780

Real Estate Assessment System Replacement

(015-014-3-1) Priority: Essential

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 2006, the City awarded a contract to Colorado Custom Ware for their 'RealWare' assessment and appraisal application. The implementation of the RealWare application has been completed. Real Estate staff are working to ensure, through analysis over a full assessment cycle, that the costing models employed in the new system are consistent with the costing models in the old system. Accurate costing of properties is key to supporting accurate and uniform property assessments.

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. In FY 2008 the City will implement the Pictrometry project which will greatly enhance the City's ability to track changes to City properties.

Operating Budget Impact:

Operating costs for this project are approximately \$30,000 per year.

FY 2009-FY2014 IT PLAN

Change In Project From Prior Fiscal Years:

Funds in the amount of \$100,000 are included in FY 2010 to fund a required upgrade to a web-based version of the current software package.

OMB Systems

(015-014-3-2) Priority: Very Desirable

This project supports ongoing improvements and modifications in the City's budget systems. In 2000, the City replaced an older DOS-based budget preparation system with Performance Budgeting, a module from the City's General Ledger accounting system.

It is anticipated that the City will be replacing the City's legacy financial applications, including Payroll, Accounting, Purchasing and OMB systems in FY 2011 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 2009 in this project. An amount of \$1,000,000 is budgeted in FY 2011 in the Financial Accounting and Asset Management System procurement. This procurement is anticipated to include OMB Systems, Purchasing, Payroll and Human Resources functions for a total estimated cost of \$4.0 million.

Payroll/Personnel System

(015-015-2-5) Priority: Very Desirable

The City's current payroll system is based on a 1984 system that does not adequately incorporate many human resources capabilities, such as applicant tracking, position control or benefits administration. The City needs a fully integrated, client-server or web-based system to better manage our human resources which are by far the City's largest expenditure.

In FY 2007, the City converted its current payroll system to a server-based system. This conversion was required because the City previously contracted with Arlington County to use the County's mainframe computer to run the City's payroll system. Arlington notified the City that they intended to decommission their mainframe as a result of technological improvements made at the County. As a result, the City's current payroll system was converted to a server-based system which is now located in the City's Network Operations Center (NOC).

The system conversion only addressed the requirement to move from the Arlington mainframe. The conversion does not provide the City with much-needed additional functionality. It is for this reason that the City has undertaken a

FY 2009-FY2014 IT PLAN

thorough review of its payroll and human resources business processes to develop clear, concise system requirements that will be used to acquire a new payroll and human resources application.

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. This is anticipated to increase when the City acquires a new system.

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 consolidated financial 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. The existing system from Tier Technologies, was placed in production in the fourth quarter of FY 1998, replacing the City's 15 year-old mainframe general ledger accounting 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 2009 to FY 2010 and coincide with replacement of the purchasing system, as well as waiting to determine if the promised upgrades of the Tier Technologies system will meet the City's future needs. Beginning in FY 2007, Finance staff anticipates beginning a review of the current accounting system in the context of available new technology and the City's other planned changes for the purchasing system and the human resources/ payroll system.

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 budgeted in FY 2008 in the amount of \$60,000 were moved to FY 2009 to reflect the availability of prior year funds. Funds budgeted reflect the most recent trend in costs.

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 a citizen's 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 by increased delivered 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:

This project was being funded in FY 2008.

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. The enhancements to the 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 completed project will reduce waiting time for citizens and business applicants appearing in person while tax accounts are created, edited and assessed for immediate payment at the Treasury window.

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 envisioned that the enhancements will be more suited to web integration, as well as interface with other City systems.

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 upon a legacy software platform known as Clipper, and last received a major upgrade in 1994. In the interim, the City has updated the Real Estate Assessment software to a Computer Automated Mass Appraisal (CAMA) system. Now that this task has been completed, it is essential that the City replace the current REAR system with one on a more robust platform and 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 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:

Funds in the amount of \$200,000 are included in FY 2009 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 this upgrade. This will redirect a considerable staff effort currently spent performing data entry, reviewing and editing data and collecting taxes. In addition, the Virginia Department of Motor Vehicles provides electronic information that requires significant manual intervention in order to include their information in the current application.

FY 2009-FY2014 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:

There are adequate prior year funds available in this project, so no funding is provided in FY 2008.

FY 2009-FY2014 IT PLAN

GEOGRAPHIC INFORMATION SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
AVL for Non-Public Safety	85,245	0	0	100,000	0	0	0	185,245
GIS Development	187,600	90,000	0	90,000	90,000	90,000	0	547,600
Total, Net City Cost	272,845	90,000	0	190,000	90,000	90,000	0	732,845

AVL for Non-Public Safety

(015-014-4-3) Priority: Desirable

This project will fund the acquisition and implementation of “automatic vehicle locator” global positioning satellite (GPS) devices to be installed on City vehicles used for non-public safety purposes to track the location of the vehicles in real-time via a GIS map. Police and Fire have already implemented GPS/AVL technology for a portion of their vehicles. Initially this project will be piloted with six (6) refuse collection vehicles. Pending a review of the pilot and an analysis of the cost/benefit of the technology, this project may be expanded to include Dash buses, snow plows and other fleet vehicles.

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 opportunities to optimize routes and allowing managers to answer questions from customers relating 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 \$30,000 per year, for the depreciation and maintenance on the GPS devices, AVL server software maintenance and communications costs. In addition, operating expenses related to staff time required to keep the system operational will be evaluated during the pilot phase.

Change in Project From Prior Fiscal Year:

Funds in the amount of \$100,000 are included in FY 2011 to continue and expand this project.

GIS Development

(015-014-4-1) Priority: Very 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.

GIS Data/Layer Development and Maintenance

As of January 2008, the City has completed the FY 2007 aerial orthophoto project. In addition the planimetric base mapping update is 90% complete, and is expected to be finished by March 2008.

FY 2009 will see another base map update (base map updates occur every two years). This update will 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 in the past two years, as modeling pedestrian behavior has become a frequent analysis task of the GIS Division.

With the demands of maintaining the base map and over 50 other layers in the system, (Appendix C, page111) 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 more integral underpinning of many of the City's enterprise applications. These applications have evolved from simple mapping and pin-pointing tasks to now rely on the spatial processes that make a GIS powerful. The GIS Division must continue to raise the level of sophistication of its data models to support the ever growing sophistication of its applications. Therefore, instead of adding new layers to the system, the layer development focus for the next two years will be 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 layers to a carefully modeled and integrated 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.

Hardware/Software/Training

The GIS plotter, large format scanner and several GIS workstations were replaced as planned in FY 2008.

The City currently maintains 19 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.

During FY 2008, GIS continued to focus on increasing awareness and use of GIS throughout the City. During this time the training class "Introduction to ArcExplorer" was changes to "introduction to GIS" it is still taught six (6) times per year, but now along with teaching the fundamental of GIS through a lightweight desktop application it also introduces students to the many available and targeted GIS web applications. Web-based GIS is slowly supplanting use of the desktop application for the majority of the City's casual GIS users. The mid-level ArcGIS desktop classes continue to be taught three (3) times per year. During FY 2008, 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.

FY 2009-FY2014 IT PLAN

In FY 2008, many more users were introduced to GIS through intuitive ArcIMS applications now being deployed. As the GIS is distributed and used more extensively throughout the City, this is quickly becoming the best method to bring targeted GIS benefits to end users. FY 2008 saw the release of the most sophisticated GIS web based application to date, The SRS Viewer. This web-base GIS analyses tool is one of the main struts of the police departments Strategic Response System (SRS). The SRS is a brand-new policing structure and logic that combines data-driven decision-making with geographic accountability.

The SRSViewer supports the SRS by providing all levels of the police command structure with access to interactive crime data in a mapping environment. Mapping crimes allows police to see patterns, trends and clusters that could not otherwise be identified. Users can explore the data at any level of granularity for a particular crime. Currently approximately 130 users within the Police department have been trained on and are actively using the system.

Also in FY2008 GIS completed its first integration project with the City's new document imaging system, the PlatViewer. This application is an online dynamic mapping application that helps City staff locate, view, and print historical subdivision plats served by the LaserFische system. Without this tool, plat research can be a time-consuming (more often impossible) process because the plat boundaries and referencing systems have changed considerably over time, independent of addressing changes. The map provides the critical data link between historical plats, parcels, and addresses. The system currently provides access to 2,000 plats.

The future of GIS web based applications will be ArcServer. The migration from ArcIMS to ArcServer will happen gradually over the next several years. ArcServer will have a limited rollout in the end of FY 2008 . The first applications will focus on better organization of data, performance and cartography than can be achieved with the current GIS web-based (ArcIMS) application. ArcServer also provides opportunity for the pushing of many targeted geoprocesses (used to answer location-based questions in real time) to the end users. The first application to incorporate this additional functionality will be a Planning application tentatively called "Land Analyzer"; this application will let the user specify what kind of information they would like to receive about a parcel and will return a custom-generated report and maps. This application will be especially useful to planners who can often have many regulatory boundaries influencing what decisions can be made regarding a parcel of land. This application will be deployed in late FY 2009

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

FY 2009-FY2014 IT PLAN

responsible for implementing the enterprise GIS function as well as supporting the GIS needs of Planning and Zoning. Staff time is evenly split between these two functions.

Change in Project From Prior Fiscal Year:

This project has been funded in FY 2009 in the amount of \$90,000.

FY 2009-FY2014 IT PLAN

PUBLIC SAFETY SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Public Safety Radio System Replacement								
Expenditure Totals								
Less: Federal Byrne Grant								
Net City Cost	50,000	50,000	3,650,000	50,000	50,000	50,000	0	3,900,000
Alexandria Justice Information System (AJIS) Enhancements	126,000	185,000	194,250	203,963	214,161	224,869	236,112	1,384,355
Police Computer Aided Dispatch (CAD)/RMS Project	47,954	58,600	0	30,000	58,500	308,500	31,500	535,054
Fire Computer Aided Dispatch (CAD)/RMS Project	199,591	63,500	10,500	0	66,500	0	0	340,091
Interoperability Strategies for Public Safety								
Expenditure Totals	0	0	0	0	0	0	0	0
Less: Revenue Totals	0	0	0	0	0	0	0	0
Net City Cost	0	0	0	0	0	0	0	0
EMS Records Management System	40,000	0	0	0	0	0	0	40,000
Sheriff Accreditation Training System	75,000	0	0	0	0	0	0	75,000
Sheriff Network Connectivity Conversion	48,000	0	0	0	0	0	0	48,000
Sheriff Laptops	15,000	0	0	0	0	0	0	15,000
Sheriff Mobile Video System	72,000	0	0	0	0	0	0	72,000
NEW Telephone Emergency System Upgrade	100,000	0	0	0	0	0	0	100,000
Total, Net City Cost	773,545	357,100	3,854,750	283,963	389,161	583,369	267,612	6,509,500

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.

Annually, \$50,000, for the replacement of mobile or portable radios that reach their end of life cycle are replaced on an ad-needed basis.

In FY 2010, \$3.6 million is included 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
- 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:

In FY 2010, \$3.6 million has been budgeted to purchase new radios so the City will be in a position to take full advantage of the national interoperability channels, as well as to maintain current interoperability capacity.

Alexandria Justice Information System (AJIS) Enhancements

(015-014-5-2) Priority: Very Desirable

New capabilities and enhancements are continually added to AJIS. Examples include a refreshed LiveScan—AJIS interface will be in production shortly including new equipment, PCs and more sophisticated cameras. A third booking and fingerprint station will soon be installed at the Courthouse.

Complementing the Circuit Court Clerk's Office's extensive AJIS functionality, work on new efficiencies will soon begin including AJIS-provided fiduciary document and system-generated Court Order signature imaging modules.

New Jail Management features are added or enhanced virtually every month. More recent improvements include the tracking of Detention Center volunteers and inmate educational programs; the logging of inmate haircuts; the tracking of inmate visitor "no-shows"; and expanded gang management functionality including the cataloging of gang tattoo images.

Off-site, real-time replication of AJIS data, now in its final test phase, will soon provide public access to Court data. Additionally, it has the added benefit of providing an accessible, convenient back-up of AJIS data. Back-ups of AJIS data are to be stored in Colorado if needed for local catastrophic events and regional disasters.

Expanded use of AJIS for various tasks by all departments has aided in registering sex offenders, reporting suspected illegal aliens, completing deportation documentation, collecting DNA samples and expungement tracking.

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.

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 in FY 2009. In addition, project funds were increased to reflect inflationary increases in the cost of the required consultant support.

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. One hundred and fifteen laptop computers with embedded GPS antennae have been purchased and are scheduled for deployment in January 2008. The software allows display of the vehicles in the dispatch center as well as on the laptops, 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 2009 and 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 \$58,600 are included in FY 2009 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 replacements are:

- Seven CAD workstations were replaced in FY 2008 and will require replacement in FY 2010, and FY 2012. 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.
- CAD Monitors and video cards are replaced on a three-year cycle. FY 2009 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 is actively working with our CAD software vendor to utilize AVL data to send the closest appropriate unit to the scene of an incident.

Planned initiatives for FY 2009 include purchasing a separate mapping server. This will support a modified CAD architecture as specified by the Police and Fire CAD vendor. In addition, the department plans to purchase PowerPhone software, which will provide total response computer aided call handling. It is installed as a front end to the CAD system and provides a single set of protocols that ask questions for each call type. It rates answers and suggests a priority. It includes pre-arrival advice for Fire calls and also recommends resources to send to each incident. It has a built-in quality improvement system with objective performance measurement tools. All the data this system collects is automatically entered into the CAD system once the call taker hits the enter button. This was deferred from FY 2008 since CAD system upgrades, a prerequisite to this initiative, were not completed until January 2008.

LG Address and LG Route software will be acquired to provide integrated administration of address records for both CAD and mapping through an interactive map interface. LG Route allows mobile maps to direct responders to the scene of the incident using the fastest route.

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.

FY 2009-FY2014 IT PLAN

Project Benefit:

This project ensures continued development and improvement to the City's Computer Aided Dispatch 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 \$63,500 are included in FY 2009 for this project.

Interoperability Strategies for Public Safety (CommTech Project)

(015-014-5-5 Priority: Essential)

The Alexandria Police Department has been in partnership with the National Institute of Justice's CommTech Program (formerly AGILE - Advanced Generation of Interoperability for Law Enforcement) as an operational test bed since March 1999. The project's focus is two-fold: 1) to test public safety interoperability solutions (hardware/software) to improve issues regarding connectivity among data and radio systems of public safety agencies with overlapping or adjacent jurisdictions, and 2) to provide technology assistance to those agencies. Technology has improved drastically since the inception of the program (one of the most successful programs of the National Institute of Justice) and as a result, interoperability has become less challenging in regards to technology but much more challenging in regards to governance structures. The Alexandria Police personnel assigned to the project have become experts in advising other agencies on governance and other operational agreement structures.

The Alexandria Police Department has continued to serve as the public safety communications interoperability host for most of the public safety agencies in the National Capital Region. The Alexandria Police Department has achieved interoperability with 19 different public safety agencies, including the Montgomery County Police, Maryland State Police, Prince William County Police Department, Pentagon Force Protection Agency and the United States Coast Guard.

This project continues to serve as a national model for interoperability communications technology needs. Documentation regarding the technical evaluation, initial lessons learned and the Gateway Subsystem installation documentation can be found on the CommTech web site at <http://www.ojp.usdoj.gov/nij/topics/technology/communication>. In the future, the CommTech Program will focus on standards for interoperability communications nationwide through affiliation with groups such as the International Association of Chiefs of Police - Communications and Technology Committee, which has international implications; the Department of Homeland Security SAFECOM Program and locally, the Metropolitan Washington Council of Governments (COG). Data sharing among law enforcement agencies and voice over Internet protocol (VOIP) are two key targets of development for this project, as well as the standardization that will be expected in these areas.

Project Benefit:

The project has focused its efforts towards outreach and technology support for public safety agencies across the United States following the incidents of September 11, 2001. Locally, the program focuses on any interoperability issues impacting the region. In addition, the CommTech Program is often contacted to lead communications efforts for large interoperability events such as presidential inaugurations, large special events such as the dedication of national monuments, July 4th on the Mall, etc.

In addition to working on communications interoperability solutions, the CommTech Program is also working on data interoperability projects, such as the Regional Pawn Data Sharing System and evolving data sharing projects emerging in the National Capital Region.

Operating Budget Impact:

The estimated operating budget impact for this project is \$57,000 per year.

Change in Project From Prior Fiscal Years:

There is one change to this project from the prior fiscal year. The CommTech Program provides full funding for training and travel costs and half the funding for personnel costs.

Emergency Medical Services Records Management System

(015-014--6) Priority: Essential

The City uses a commercial 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 2008, funds in the amount of \$40,000 are budgeted to purchase and implement a module to collect preplan and hazard information for emergency responders. The goal will be to tie this information to CAD and Code Enforcement for integrated life safety reporting. A pilot project in concert with City GIS was started in FY 2008 to create map layers to support preplanning. Therefore, implementation of the preplan module has been postponed to the last quarter of FY 2008 or the first quarter of FY 2009.

Project Benefit:

The new 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.

Operating Budget Impact:

The ongoing operating budget impact is approximately \$34,000 per year.

Change in Project from Prior Fiscal Years:

There are no changes in this project from the prior fiscal year.

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.

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.

Sheriff Network Connectivity Conversion

(015-014-5-8) Priority: Desirable

Currently, PC workstations within the Alexandria Detention Center are connected to the City's I-Net via fiber optic cable (fiber). With constant and increasing changes in network technologies and capabilities, the Office of Sheriff finds itself at a financial disadvantage keeping up with such technological advances. The fiber optic wiring costs the Office more because we have to purchase expensive fiber-specific network hardware in addition to the City-provided network solutions. For example, when adding necessary peripherals to the network, such as printers and switches, it costs the Office additional budgetary resources because fiber optic transceivers have to be purchased in order convert the fiber signal to a digital signal. Transceivers cost an average of \$300 per unit. A network fiber card must be purchased for every workstation at an approximate cost of \$150 per card.

This project proposes replacing the current fiber optic cabling with CAT-5 network cabling. Standard CAT-5 cabling decreases the cost of connecting to the network by an average cost of \$225 per drop.

Project Benefit:

Using standard CAT-5 network cabling will allow the Office of the Sheriff to use the available networking capabilities already installed on purchased PC workstations and other network peripherals without the added cost of fiber to digital transceivers.

Operating Budget Impact:

This project should reduce the operating budget impact of maintaining fiber optic cable in the Alexandria Detention Center.

Change in Project from Prior Fiscal Year:

There is no change in this project from the prior fiscal year.

Sheriff Laptops

(015-014-5-9) Priority: Desired

The Sheriff's Office requires laptop computers to further its innovative approach for completing in-house training for 216 staff. Required training includes new employee training (NET), mandated in-service training, AJIS and training for other software applications utilized. Laptops will be purchased with these funds, to facilitate ease in sharing PC assets among users.

Project Benefit:

By providing laptop computers for training purposes, the Sheriff's Office will be better equipped to provide training to staff on duty and off-duty, thus decreasing the amount of time staff are required to be away from their duty post assignments.

Operating Budget Impact:

The estimated operating budget impact for this project is \$15,000.

Change in Project from Prior Fiscal Year:

There is no change in this project from the prior fiscal year.

Sheriff Mobile Digital Video System

(015-014-5-10) Priority: Desired

Mobile digital video cameras will be installed in Sheriff's Office vehicles normally used to transport prisoners. The mobile digital video system will record audio and video of prisoners being transported in the rear of the vehicle and will also be capable of recording vehicle frontal view events such as traffic stops, pursuits, emergency events, hazardous conditions, and high threat evictions. The video monitoring of prisoners is extremely important and will enhance deputy sheriff safety and aid in the investigation of potential complaints from prisoners, citizens and staff.

Project Benefit:

Prisoners occasionally complain about unprofessional conduct by deputy sheriffs or have claimed to be injured during transports. In addition, prisoners have caused damage to transport vehicles during transport. The mobile digital video system will record activities during prisoner transports for staff and inmate safety and accountability.

Operating Budget Impact:

The estimated operating budget impact for this project is \$12,000 per year.

Change in Project from Prior Fiscal Year:

Funds for this project in the amount of \$72,000 are now available.

Telephone Emergency System Upgrade

(015-014-5-11) Priority: Highly Desired

Since 2002, the City has used a software system that has the ability to contact, via telephone system-based devices, citizens and businesses concerning various kinds of public safety or public health emergency situations and conditions. Notification is customized for contact by specific geographic locations or by use of profiles, such as professional designation (doctors). The service is able to contact pagers, cell phones, facsimile machines, satellite phone and answering machines, as well as standard telephones. The current system is at the end of its useful life, and must now be replaced.

Project Benefit:

The telephone emergency notification system enables the City to quickly and efficiently target notifications of public safety or public health issues to residents of the City, employees or other groups of stakeholders.

Operating Budget Impact:

The estimated operating budget impact for this project is \$30,000 per year.

Change in project from prior fiscal year:

This is a new project in FY 2009. Funds in the amount of \$100,000 have been made available by reallocating HR/ Payroll prior year monies for this purpose.

FY 2009-FY2014 IT PLAN

RECREATION SYSTEMS

	Prior Year	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Totals
	Unallocated							
Recreation Systems	75,000	0	0	0	0	0	0	75,000
Total, Net City Cost	75,000	0	0	0	0	0	0	75,000

Recreation Systems

(015-014-6-1) Priority: Desirable

This project provides for the development and installation of automated systems within the Department of Recreation, Parks and Cultural Activities. The department began addressing administrative and resident services issues through the better application of technology in FY 2001. Currently, all recreation centers have installed the Pass Management, Activity Registration and Facility Reservation modules of the department's major recreation system and are connected with the department's main administrative office for real-time tracking of on-site customers.

In FY 2003 the Park Maintenance division was given the park and facility maintenance automation modules to improve time management and maintenance tracking for over 800 park acres. The PDATrac module of the Recreational System was put into operation in 2006. Currently, the City is acquiring a maintenance management work order tracking application. The Recreation department may implement this system as well, as there are efficiency and effectiveness benefits to be realized from using one centralized work order tracking system. Funds are included in the Enterprise Maintenance Management project for this purpose.

In August 2006, the telephone registration module of the Recreation management system, which allows residents to register and pay for recreational activities electronically using a telephone, became operational. Over \$10,000 in activity registrations were taken in the first 24 hours after implementation.

During the Summer of 2007, the City Marina used the Rentals, Facility and Point of Sale modules over wireless connections to process over \$172,000 in real-time business transactions. Over \$32,500 of the transactions were made with the use of credit cards.

The Web Registration module, which allows the public to register for activities, recreation classes and camps from the City's website, is now in use. For the past two registration cycles (Spring/Summer 2007, Fall 2007), over 45 % of the registrations (over \$179,000 in transactions) were done through the web site. Currently, the method of collecting payment is through electronic checks. It is planned that with the Spring 2008 registration, credit card payments will be offered on a prototype basis. It is projected a full implementation of the credit card payment method will be in place by the end of Summer 2008.

Project Benefit:

This project provides an improved quality of service through the identification of the usage of recreation centers and the types of services that are best suited to the residents who make use of those centers. This system provides the capability for residents to register and pay for recreation classes and activities electronically, either on the telephone or over the Internet.

FY 2009-FY2014 IT PLAN

Operating Budget Impact:

The combined annual maintenance fee on these systems is \$9,750. The annual maintenance fee includes telephone support during business hours and upgrades to the software at no additional charge.

Change in Project from Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

FY 2009-FY2014 IT PLAN

OTHER SYSTEMS

	Prior Year							Totals
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Permit Processing	330,600	0	0	0	0	0	0	330,600
MHM RSA HIPAA Data Security Compliance	25,000	25,000	25,000	25,000	25,000	25,000	25,000	175,000
Intranet	105,000	0	0	10,000	10,000	10,000	0	135,000
TES Infrastructure Management and Maintenance System	0	100,000	0	0	0	0	0	100,000
IT Project Management	50,000	0	0	0	0	0	0	50,000
DHS Payment System Replacement	0	0	0	0	0	0	0	0
Library Automated Catalog Upgrade	0	170,000	0	0	0	0	0	170,000
General Services Energy Management System	50,000	0	0	0	0	0	0	50,000
NEW Enterprise Maintenance Management System	0	100,000	0	0	0	0	0	100,000
Total, Net City Cost	560,600	395,000	25,000	35,000	35,000	35,000	25,000	1,110,600

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 now 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 2009-FY2014 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 field 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. The Fire Inspection unit, TES, and zoning inspectors are anticipated to be added to this program by the end of FY 2008.

The Code Enforcement bureau is currently replacing the Integration Voice Response (IVR) unit that supports phone-based inspection requests. The new IVR unit will provide 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.

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:

Funding currently programmed for the projects completion will be adequate. This will include the field laptop deployment in the Fire Inspection unit, TES and Planning and Zoning.

Intranet

(015-014-7-2) Priority: Very Desirable

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 information that is provided through an intranet is available only to an organization's employees and allows for the display of documents, submission of information using electronic forms and enhanced employee collaboration. An intranet resides on an organization's existing network and is usually protected from the outside world by a firewall. The City of Alexandria's intranet is called CityNet.

This project enables staff to continue developing the City's intranet infrastructure, content, and applications.

Project Benefit:

An intranet allows the City government to:

- Distribute information quickly to all City government employees who have network connections or other authorized access.

- Take advantage of browser/client technology to reduce the cost and effort of making client/server applications available to appropriate City staff. (See the Application Deployment Management project for additional information, page 91).
- Allow departments to electronically distribute information solely to their own staff without having to make this information available to all City staff.

Operating Budget Impact:

The estimated operating budget impact for this project is \$15,000 per year.

Change In Project From Prior Years:

This project is able to forego funding in FY 2009 due to an availability of prior year resources.

TES Infrastructure Management and Maintenance System

(015-014-7-3) Priority: Essential

Transportation and Environmental Services (T&ES) Operations Division (Maintenance and Solid Waste Divisions) uses semi-automated processes for work input and control of the City's municipal physical public works assets. 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 (for example, the 8-inch sanitary sewer main connecting East Bellefonte Ave with the Commonwealth Connector), a manual records search has to be done.

The system to be implemented would have the capability to assist in the infrastructure maintenance and customer service activities of other divisions in T&ES. A preferred system would include the following elements, and will be interfaced with the City's GIS system for mapping, and the City's accounting and budgetary systems for cost data.

The system will provide information on work management to include labor, material and equipment usage and costs for:

- Labor records
- Material inventory
- Work orders and projects
- Equipment used on projects
- Labor assigned to projects
- Work requests

Once populated with the correct information, it is envisioned that the system will provide information on asset management to include inventory quantities, condition and value of the following:

- Traffic signs and signals
- Storm and sanitary sewers

- Fire Hydrants
- Pavement
- Paving
- Curbs and Gutters
- Sidewalks
- Markings
- Street lights
- Solid waste receptacles
- Recycling drop-off centers

The City issued an RFP for this system in early FY 2008 and is now in the process of evaluating proposals. It is anticipated the City will make a formal selection in February, 2008. The system chosen will also serve similar customer service and infrastructure maintenance needs in departments such as General Services, Recreation, Parks, and Cultural Activities, and Mental Health. 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 \$11,250.

Change In Project From Prior Fiscal Years:

Funds in the amount of \$100,000 have been requested in FY 2009 for the second phase of system implementation that will take place in the Transportation Division of T&ES.

MHMRSA 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 2007, the department established biometric log-ins for all WAN-connected MH/MR/SA staff to log-in to the City's network, and automated the process of backing up to the redundant file servers in 15-minute increments. In FY 2008 the department replaced the server that hosts the Anasazi Microsoft SQL database. The server OS and the SQL database software was upgraded to MS SQL 2005. These improvements tripled the amount of RAM available to users, increased storage capacity and decreased the server footprint. 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 2014 in the amount of \$25,000.

Information Technology Project Management

(015-014-7-5) Priority: Very Desirable

The City has worked hard to communicate the necessity for excellent project management with respect to the IT Plan projects that are included in this document. To that end, the Information Technology Project Office within the ITS department serves as a City-wide resource for project management assistance. The Project Office provides formal project management services, including consultation services, as well as less formal assistance to help City staff plan, initiate, execute, control and close their information technology projects.

This project provides funding for contract project management staff where no obvious departmental resource exists to fulfill this role. In addition, monies in this project will be used to purchase additional software licenses for the City's enterprise project management software application for departmental staff who desire to use this web-based application.

Project Benefit:

This project provides funding to expand the City's use of professional project management services, which will improve communications and project success.

Operating Budget Impact:

The City currently pays approximately \$5,000 annually for maintenance for the enterprise project management software application.

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 system vendor has notified DHS that continued support would only be performed with payment of an hourly programming fee. In FY 2007, DHS issued a 'Request for Information' (RFI) to obtain additional information about products in the marketplace. Two companies offered additional services to spend time with DHS finance staff, program staff, any and all staff that are part of the application to understand social services payment structures, case management, and evaluate how to customize their product or create a product to meet DHS needs.

Project Benefit:

The new desired version of the software will provide a more flexible, cost-effective and portable software solution for staff. The solution should include improvements in overall access, security, reporting and screen design, and will also allow access by staff not connected to the City's network. Vendors could access payment information via web. Any changes the State has and will make in reporting requirements shall be included in the web version.

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 Desired

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.

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:

Funds in the amount of \$170,000 are included in FY 2009 for the upgrade.

General Services Energy Management System

(15-14-7-8) Priority: Highly Desired

The General Services department is seeking to purchase an Energy Management system to help facilitate the tracking, analysis, and audit of over 350 utility accounts the department manages.

Project Benefit: The software will enable staff to audit and check bills for various problems such as excessively high or low usage, cost, unit cost, demand; bill duplicates; abnormal dates; or missing bills. In addition, historical cost data will be maintained to compare any number of budgets on a detailed meter-by-meter and month-by-month basis. This will result in efficiency savings to the City both in terms of the number of mistakes identified and rectified earlier, and in terms of easing the manual process currently required to perform this review.

Operating Budget Impact:

The annual operating budget impact for this project is \$7,500.

Change in Project from Prior Fiscal Year

This is a new project in FY 2009. Funds in the amount of \$50,000 have been reprogrammed from the HR/Payroll project for this project.

Enterprise Maintenance Management System

(15-14-7-9) Priority: Highly Desired

Funds in the amount of \$100,000 are requested for the Enterprise Maintenance Management System. This project will provide funding required to extend the City's use of the T&ES Maintenance Management System (see page 73) to other departments, including the Recreation Department and the MH/MR/SA department. It is anticipated that this project will work in conjunction with the City's Customer Relationship Management System (see page 42) to track and provide real-time information on citizen requests.

Project Benefit:

Utilizing one system for various work order and service requests made throughout the City will allow City staff to centrally identify, assign, track, and manage requests. Duplicate service requests will be quickly identified and closed before valuable resources are spent resolving the issue.

Operating Budget Impact:

The annual operating budget impact for this system will be approximately \$15,000.

Change in Project from Prior Fiscal Year:

This is a new project in FY 2009.

FY 2009-FY2014 IT PLAN

LOCAL AREA NETWORK (LAN) DEVELOPMENT

	Prior Year							Totals
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
LAN Backbone Capacity								
Expenditure Totals	75,000	50,000	75,000	75,000	75,000	75,000	75,000	500,000
Less Revenues	0	-50,000	-20,000	-20,000	0	0	0	-90,000
Net City Cost	75,000	0	55,000	55,000	75,000	75,000	75,000	410,000
Individual Building LAN Development								
Expenditure Totals	50,000	0	25,000	25,000	25,000	25,000	25,000	175,000
Upgrade Network Operating System								
Expenditure Totals	25,000	0	15,000	15,000	15,000	20,000	20,000	110,000
Upgrade Work Station Operating Systems								
Expenditure Totals	160,000	200,000	50,000	50,000	50,000	50,000	50,000	610,000
Network Infrastructure Hardware Upgrades/ Replacement								
Expenditure Totals	0	482,125	492,125	455,000	400,000	400,000	400,000	2,629,250
Less Revenues	0	-482,125	-400,000	-400,000	-345,000	-345,000	-345,000	-2,317,125
Net City Cost	0	0	92,125	55,000	55,000	55,000	55,000	312,125
NEW Criminal Justice Systems Data Storage								
Expenditure Totals	0	100,000	0	0	0	0	0	100,000
Less Revenues	0	-100,000	0	0	0	0	0	-100,000
Net City Cost	0	0	0	0	0	0	0	0
NEW Replace Lotus Notes								
Expenditure Totals	0	0	0	650,000	650,000	650,000	0	1,950,000
Total, Net City Cost	310,000	200,000	237,125	850,000	870,000	875,000	225,000	3,567,125

Increase the Capacity of the LAN Backbone

(015-015-1-1) Priority: Essential

A Local Area Network (LAN) backbone is the set of electronic components (electronic Ethernet, switches, routers, cables, concentrators and hubs) and software that connect multiple LAN servers within a single building to one another. In City Hall the LAN backbone also connects to the City's Wide Area Network (WAN), and includes high-speed WAN services the City's Institutional Network (I-Net), and virtual private network (VPN) services and to Arlington County, Virginia, as part of the Nation Capital Region Interoperability Program (NCRIP).

A backbone's capacity is a key factor constraining data transmission speed. At present, the backbone for a typical City building transmits data using ethernet communication protocols with a data rate of 1 gigabit per second. With the continued 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 large deployment of Lotus Notes e-mail, additional backbone capacity is needed 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 service 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:

Funding for this project is provided in FY 2010. There are sufficient prior year resources to forgo funding in FY 2009.

Individual Building LAN Development

(015-015-1-2) Priority: Very Desirable

The project includes installation of, or upgrades to, local area networks (LANs) located in many City government buildings. Monies will fund the acquisition of the LAN infrastructure components (ethernet switches, punch-down blocks, cabling, etc.) needed for relocation of staff as they move to new office space (Job Link, Code Enforcement staff, Police vehicle facility, etc). These new 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 at least 1 gigabit per second switched ethernet connections. 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:

Funds in the amount of \$50,000 are included in this project in FY 2009. Funding for this project has been extended to FY 2014 in the amount of \$25,000.

Upgrade Network Operating System

(015-015-1-3) Priority: Essential

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 sever client access licenses (CALs). CALs provide for simultaneous server connections, which are necessary as ITS moves in the direction of server

consolidation and virtualization. Consolidation and virtualization will create network efficiencies and reduce operating costs as the number of servers is reduced and dispersed throughout the network. Terminal Services CALS are also funded from this project to allow for remote access to Microsoft Windows servers. Current pricing for Microsoft Windows 2003 Server Standard Edition is approximately \$1,200 per license. Server consolidations and server virtualization will reduce the number of physical servers purchased.

This project will also fund the purchase of CALS for Microsoft Server 2008 when it is deployed on City servers. Pricing is not available at this time for the operating system or CALS.

This project is closely planned and implemented in conjunction with the Network Infrastructure Hardware Upgrades/ Replacement project; see page 83.

Project Benefit:

This project enhances productivity by making network management task more efficient, 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.

The City continues to move toward virtualization of the servers supporting City operations. As virtualization technologies emerge, the need to purchase multiple server operating systems will diminish. The purchase of server virtualization products such as Microsoft Virtual Server 2005 will be funded from this project. ITS accomplished a major virtualization milestone this year with the migration of the City's payroll system from a legacy mainframe environment to a client server application. This server has a "virtual server provisions" within the application server providing for data redundancy on one actual server.

Operating Budget Impact:

The estimated operating budget impact for this project is \$5,000 per year.

Change In Project From Prior Fiscal Years:

This project has sufficient prior year funding available, and is therefore not funded in FY 2009.

Upgrade Workstation Operating Systems

(015-015-1-4) 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. This project also 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 desktops and workstations 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 2008 equipment replacement cycle, ITS estimates that there will be less than 1,000 workstations with Windows 2000 and about 1,300 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 Microsoft's next generation operating system, 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.

Effective June 30, 2008, Dell Inc., will no longer offer Windows XP operating systems on newly acquired computers. Funding in the amount of \$200,000 in FY 2009 will be used for careful Windows Vista migration planning, training, testing, and limited deployments, to ensure that no major systems are disrupted during this migration process.

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 2009 is \$200,000. After FY 2009, funding will be extended through FY 2014 in the amount of \$50,000.

Network Infrastructure Hardware Upgrades/Replacement

(015-015-1-5) 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.

The table in Appendix A on page 97, identifies the units that are scheduled to be replaced each year and, where consolidation of file servers is planned, when and how that consolidation is to occur.

Several essential purchases and upgrades are required for this project this year. Data storage devices and additional files servers are needed to accommodate projected growth. Consolidation of servers, will reduce the number of physical servers by replacing them with more powerful servers with quad processors; multiple drives and data storage devices improving performance without increasing the price. Specialized cooling racks may also be needed to support these more consolidated servers.

Several additional features are funded and will enhance the remote network management and operating capabilities. A new KVM (Keyboard, video, mouse) IP-based system was implemented in the Network Operations Center to reduce the number of physical KVM devices and provide remote access across the network. Operating in conjunction with the

IP-based KVM device, a server monitoring tool that monitors the server's health and sends alerts to network engineers greatly enhances remote operations. Finally, IP-based cameras allow engineers to view conditions in the NOC.

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. Further refinement of the City's data storage and backup procedures is also being examined. Implementation of virtual machines is also funded under this project. Virtualization allows multiple instances of applications to reside on a single 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. The estimated operating budget impact for this project is \$6,500 per year.

Change In Project From Prior Fiscal Years:

There is no change in this project from the prior fiscal year.

Criminal Justice Systems Data Storage

(015-015-1-6) Priority: Very Desirable

Project Benefit:

Funding in the amount of \$100,000 in FY 2009 allows for the purchase and installation of a tape library 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 by Circuit Court Judges Chambers staff separately from other City data.

The purchase of a data storage system for the Courts will help them comply with Virginia Code requirements for management and preservation of public records. Virginia Code specifies that paper and electronic records have the same retention schedules. This includes the requirement to expunge 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.

Project Benefit:

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:

This operating budget impact of this project is approximately \$15,000 per year.

Change In Project From Prior Fiscal Year:

This is a new project in FY 2009.

Replace Lotus Notes E-mail Systems

(015-015-1-7) Priority: Desired

This project provides funds to migrate the City's current e-mail services, IBM's Lotus Notes, to Microsoft Exchange. The IBM Lotus Notes product portfolio provides electronic mail (e-mail) services to City employees, as well as the Lotus Domino multi-platform server foundation for collaboration and e-business, which includes support of the e-mail infrastructure.

Project Benefit:

This project provides funds to implement important e-mail initiatives that improve productivity by improving access to essential information, improving the speed and reliability of services, and taking advantage of emerging technologies. The City will benefit by standardizing on a single enterprise platform that will provide better integration of messaging into existing Microsoft based applications. Financial benefits, in future years will be realized with enterprise agreement pricing availability.

Funding for this project will provide for consulting services to assist in developing migration strategies, provide cost estimates and on-going support during the project. Microsoft Exchange training for employees will be funded by this project during the migration. Lotus Notes databases other than e-mail will also need to be converted to a Microsoft compatible platform. Additional server hardware and software will need to be purchased to set up test environments before live e-mail is migrated. Running dual e-mail platforms during the migration will also be required until all users are migrated.

Operating Budget Impact:

The operating budget impact is unknown at this time. The City may choose to purchase an 'Enterprise' license with Microsoft for their product line. This will carry a significant annual cost; however, the City will be entitled to bulk pricing that is simpler to administer and manage, thus making the process more efficient.

Change in Project from Prior Fiscal Years:

This is a new project in FY 2009. Funds for this project (\$1.95 million) are not budgeted until starting in FY 2011.

FY 2009-FY2014 IT PLAN

WIDE AREA NETWORK (WAN) DEVELOPMENT

	Prior Year							
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Totals
Institutional Network Development								
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
Telephony Integration								
Expenditure Totals	621,000	0	0	75,000	75,000	75,000	75,000	921,000
Less Revenues	-621,000	0	0	0	0	0	0	-621,000
Net City Cost	0	0	0	75,000	75,000	75,000	75,000	300,000
Security								
Expenditure Totals	115,000	200,000	140,000	110,000	50,000	50,000	50,000	715,000
Less Revenues	-115,000	-200,000	0	0	0	0	0	-315,000
Net City Cost	0	0	140,000	110,000	50,000	50,000	50,000	400,000
Application Deployment Management								
	28,000	50,000	25,000	25,000	25,000	25,000	25,000	203,000
Database Infrastructure								
	258,000	0	30,000	40,000	40,000	40,000	40,000	448,000
Total, Net City Cost	286,000	50,000	195,000	250,000	190,000	190,000	190,000	1,351,000

Institutional Network (I-Net) Development

(015-015-2-1) Priority: Essential

This project enables the City to deliver scalable data, audio and video communications to the ACPS, the libraries and the City government as those services are needed and warranted.

In FY 2005 the City contracted with a private firm to upgrade all of the I-Net switches from ATM to ethernet coursewave (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 2009-FY2014 IT PLAN

PROJECT	FY 2009 COMCAST REVENUES
I-Net Development	\$375,000
Network Infrastructure Hardware Upgrades	\$482,125
Security	\$200,000
LAN Backbone Capacity	\$50,000
Criminal Justice Systems Data Storage	\$100,000
TOTAL	\$1,207,125*

*Includes \$795,000 in current year Comcast revenues and \$412,125 in prior year Comcast revenues.

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 the Comcast provided fiber) 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.

Telephony

(015-015-2-2) Priority: Very Desirable

This project funds the City's telephone and telecommunications infrastructure, including telephone switches and handsets. The estimated cost of this project is \$2.4 million, to be funded with prior year funds. No funding in FY 2009 is necessary. The project has been modified to reflect the City's plan to implement a Voice Over Internet Protocol (VOIP) system. VOIP converges telephone voice and computer data services over a common network. The network in this case will be the City's Institutional Network (I-Net).

The Telephony project includes funds for the City to begin implementing VOIP in FY 2008. There are some compelling technical and business reasons for the City to pursue this technology now. Parts of Alexandria's current phone system have aged beyond their recommend service life and are becoming increasing harder to maintain and replace. Continued reliance on the existing system will result in less dependable service and higher maintenance costs. VOIP has become better and cheaper to implement, and the City stands to reap greater benefits by implementing this technology now rather than continuing to fund the support of the older telephone infrastructure.

FY 2009-FY2014 IT PLAN

The ITS implementation strategy calls for a hybrid VOIP solution as the preferred approach for the City. This technique mixes IP and digital phones, providing full VOIP functionality across the entire network, ensuring reliability while reducing technical risk and installation costs. Additionally, a hybrid approach will minimize disruptions of I-Net data during the critical voice transition.

Project Benefit:

Implementing VOIP will dramatically improve the over all quality of the City's' phone system. Both citizens, and City employees will benefit from enhanced system functionality. Staff will have their own direct-dialed phone number (eliminating the City's current use of extensions), with the use of four or five-digit-dialing enabled within the network. VOIP will also 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 will provide 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 since ITS doesn't have a large enough staff to install, operate, and maintain the VOIP network, the City will need to purchase a managed service option from the vendor. The operating and maintenance costs of telephone switches and voice mail units are not included in the ITS budget. Therefore, City departments and agencies work with the City's telecommunication coordinator to develop operating and maintenance budgets for telephone switches, phone sets, wireless phones, and pagers.

Change In Project From Prior Fiscal Years:

Funding for this project (\$2.4 million) has changed to reflect the costs of implementing voice over IP in the City.

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 infrastructure needed to help support the City's Security Policy. 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 SSO 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 \$200,000 in FY 2009.

Application Deployment Management

(015-015-2-4) Priority: Very Desirable

The City has a number of application systems employing client/server technology. Client/server technology is designed so much of the work done by the application system is performed by the server, and very little is performed at the client workstation. 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.

This project also reduces the number of applications that require installation on client workstations because the applications will reside at the Citrix "farm." For some applications, this will also reduce the number of licenses the City is required to purchase.

Operating Budget Impact:

The estimated operating budget impact for this project is \$7,500 per year.

Change In Project From Prior Fiscal Years:

The server farm capacity has been increased with additional servers providing load balancing and dedicated resources for key City staff. The servers were upgraded to Presentations 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 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. General Services after-hours engineers are now able to remotely check HVAC settings at certain City sites using Citrix.

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.

FY 2009-FY2014 IT PLAN

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 2009-FY2014 IT PLAN

ENTERPRISE SERVICES

	Prior Year							Totals
	Unallocated	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
E-mail Services	0	175,000	175,000	105,000	200,000	200,000	200,000	1,055,000
Wireless Initiatives (Information Utility)	120,000	0	0	20,000	20,000	20,000	20,000	200,000
Desktop Productivity Environment	50,000	0	50,000	50,000	50,000	50,000	50,000	300,000
Total, Net City Cost	170,000	175,000	225,000	175,000	270,000	270,000	270,000	1,555,000

E-mail Systems Development

(015-015-3-1) 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, a web-based browser accessible email application is another way City employees can remotely access their City e-mail.

The City is currently implementing a disaster recovery plan for email services. The project involves the consolidation of current e-mail servers while creating redundant capacity. When this project is completed, fail-over will cascade from the primary site to a warm site within the City and if necessary, to a hot site outside the Beltway with minimal (if any) disruption for users. Server consolidation will produce a new data architecture for the City through the application of virtualization and DAS (direct attached storage) technologies. The consolidation will eliminate the number of servers currently required to accommodate the City's growing data requirements and reduce the data recovery response time. Another important part of this project is the implementation of a new "spam" and rule-based filtering solution.

E-Mail archiving and journaling will begin in FY 2008. Symantec's Enterprise Vault will reduce storage requirements by eliminating 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 requirement and FOIA (Freedom of Information Act) requests.

Lotus Notes application support and maintenance is critical for normal operation of the e-mail system. Although there is no new development of Notes applications, there are still approximately 45 Notes databases that are considered mission critical by owner departments, and which require high availability. These include Docket Storage and Retrieval; the Planning Commission Docket System; and the Fire Department data portal. Support for these databases is currently being provided through contracted services.

Project Benefit:

This project provides funds to maintain existing email services until such time that these are replaced by a newer technology (see Replace Lotus Notes project, page 85).

Operating Budget Impact:

The estimated operating budget impact for this project, including the disaster recovery service and Enterprise Vault is approximately \$240,000 per year.

Change in Project from Prior Fiscal Years:

Funds in the amount of \$175,000 are requested in FY 2009 for this project.

Wireless Information Utility

(015-015-3-2) Priority: Desirable

This project provides funding for various wireless initiatives in the City, to benefit both the general public and City employees. Wireless technologies and applications are becoming commonplace across the United States and throughout the world. This technology trend is a direct response to the changing economic landscape, where the world is becoming increasingly information-based. Consequently, workers and consumers are demanding easy access to information - any time, any place, anywhere. The City will determine in 2008 whether and how to begin a process to solicit bids from vendors for a citywide wireless network, once a review of the economics of such services, its technology, and its marketplace viability is undertaken. (See Wireless Alexandria, page 18 for additional information.)

Project Benefit:

Monies in this project will be used for research and development to promote wireless use in the City.

Change In Project From Prior Fiscal Years:

This project has sufficient prior year funding, so no additional funds are sought in FY 2009.

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.

FY 2009-FY2014 IT PLAN

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:

Prior year funding of \$50,000 will be used to upgrade at least 150 Microsoft licenses in FY 2009. There is \$50,000 budgeted each year from FY 2010 through FY 2014 to upgrade the remaining 550 licenses predating MS Office 2003.

LEGISLATIVE REFERENCES

Legislative References

PAGE INTENTIONALLY LEFT BLANK

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

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

Legislative References

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 2007 Comprehensive Annual Financial Report, is repeated here:

City of Alexandria, Virginia
Computation of Legal Debt Margin
as of June 30, 2007

Assessed Value of Real property, January 1, 2007.....	<u>\$34,243,031,000</u>
Debt Limit: 10 Percent of Assessed Value.....	3,424,303,100
Amount of Debt Applicable to Debt Limit:	
General Obligation Bonds	<u>\$278,525,000</u>
 Total General Obligation Debt.....	 <u>(278,525,000)</u>
 LEGAL DEBT MARGIN.....	 <u>\$3,145,778,100</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 2009 - FY 2014 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

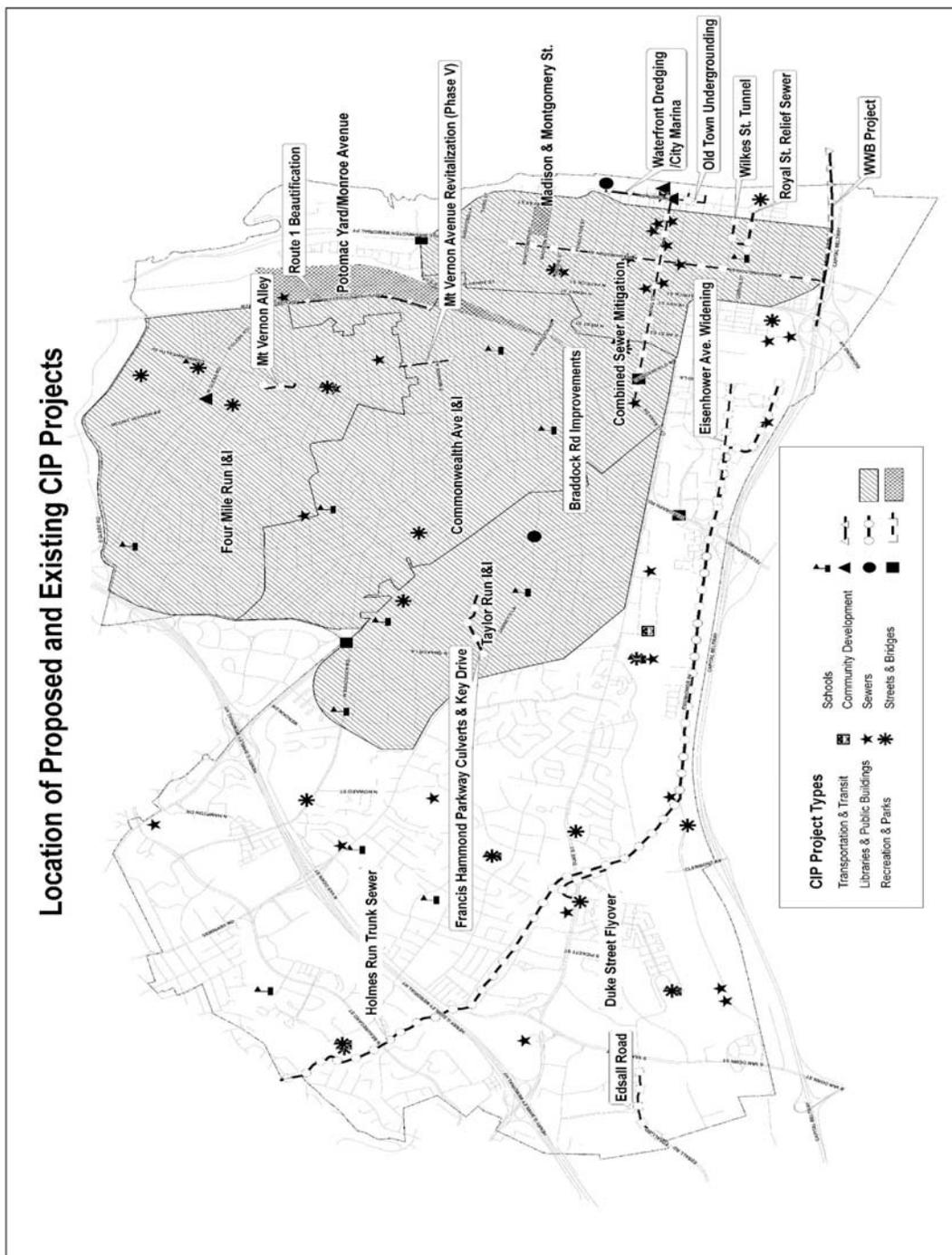
PAGE INTENTIONALLY LEFT BLANK

APPENDICES

PAGE INTENTIONALLY LEFT BLANK

Appendices

The City map below depicts the location of the various CIP projects approved in the FY 2008-FY 2013 CIP and new and revised capital projects proposed in this FY 2009-FY 2014 CIP. Department of Transportation and Environmental Services (T&ES) managed projects, including streets, bridges, sewers and other traffic projects such as parking meters are depicted as areas or lines (such as a roads or sewer lines) where appropriate. Department of Recreation projects including parks and recreation center projects; and Schools' projects at each school facility, along with General Services Department managed capital projects, which include all other City building repair, renovation, or construction projects, are depicted as points representing these various facilities.



Projects Not Funded in the FY 2009 to FY 2014 CIP

Funding for many capital project requests for both the City and the Schools have not been funded in this FY 2009-FY 2014 CIP, or are listed as "to be determined" ("TBD"). This is necessary to balance capital needs with available funding for capital projects (including new borrowing and increases in pay-as-you go funding for capital projects). Some of these projects are candidates for funding by the new Alexandria Capital Development Foundation. Among the currently unfunded capital projects are.

This following list of projects not funded extends beyond the list of unfunded projects in Table 5 in the "Summary Expenditure Tables" section of the CIP document. These possible projects do not have any specific dollar amounts associated with them at this time and they were not specifically requested by either the School Board or City Departments.

Education:

- A new Alexandria City Public Schools Administration facility potentially to be constructed along with DHS and MH/MR/SA offices on the Tauber site in lieu of continued leasing.

Economic and Community Development:

- Pedestrian improvements in the Arlandria area beyond what is approved in this CIP.
- Additional Mount Vernon Avenue improvements (including an extensive relighting program).
- Further utility undergrounding in Old Town and other parts of the City.
- Streetscape improvements in many parts of the City.
- Further streetscape improvements in the City's business districts.
- An improved Visitor's Center (renovated Ramsay House or 132 North Royal Street).
- Funding to implement the upcoming Waterfront Study.
- Expansion and/or major renovation of the Fort Ward Park Museum.
- Landmark Mall redevelopment infrastructure and facility funding.

Recreation, Parks and Open Space:

- Open space acquisition funding beyond the \$13.9 million funded in this proposed CIP.
- Any potential additional costs for the renovation of the Chinquapin Recreation Center.
- Improvements and reconfiguration of Chinquapin Park following the completion of the new T.C. Williams High School and design of the expansion and renovation of Chinquapin Recreation Center.
- Additional improvements at the City Marina.
- Recreation center construction beyond the specific projects contained in this CIP.
- Major outdoor swimming pool capital improvements.
- Costs related to implementing the results of the waterfront planning process.
- The expanded renovation of bike trails and to complete the bike trail master plan.
- Additional tree planting in public areas.
- Additional improvements to the skate park project, including Phase IV.
- Capital grants to non-profit museums in the City.
- A synthetic track complex at Braddock road.

Public Safety:

- Any potential additional costs for the location and construction of the new Police Facility.
- Any potential additional costs for the relocation of the existing City infrastructure facilities located in the Wheeler Avenue- Witter Field area.
- Fire station renovations beyond what is approved in this CIP.
- Costs for re-use of the existing DASH building and site.
- Numerous other likely future requests to enhance City historic, office, or other facilities; or replace rented facilities such as City administrative space leased in Old Town, with City-owned facilities.
- Market Square - Martin Luther King statue (private fund raising planned).
- Renovations and repairs to the City's libraries beyond what is approved in this CIP.
- Renovations required for the long-term reuse of 405 Cameron Street.

Transportation and Transit

- The identification of substantial alternative transportation revenue sources to fund the expanded Metrorail and Metrobus capital program ("Metro Matters" and "Beyond Metro Matters") (\$11.0 million) and the purchase of additional DASH replacement buses (\$4.5 million).
- Eisenhower Metro station platform extension.
- Expansion of the DASH bus fleet and eventual conversion to alternative fuel sources Major bus shelter replacement and expansion program.
- Metrorail station or other transit systems at Potomac Yard.
- Additional street reconstructions City-wide.
- Additional pedestrian improvements City-wide.
- Widening Eisenhower Avenue beyond the funding in this CIP for the construction of interim improvements.
- Potential infrastructure improvements related to the planned major redevelopment of the Landmark Mall.
- Additional bridge repairs City-wide beyond what is proposed in this CIP.
- Pedestrian improvements on Seminary Road.
- Purchase and installation of additional parking meters.
- New Metrorail station in the Eisenhower Valley.
- Implementation of new transportation projects contemplated in the draft Transportation Plan.

Environment:

- Additional storm or sanitary sewer reconstructions City-wide.
- The elimination of pop-up catch basins City-wide.
- Additional Infiltration/Inflow projects City-wide.
- Flood remediation measures at Braddock Road and West Street.
- Implementation of alternative methods to mitigate flooding on Lower King Street.
- Additional sanitary sewer system needs and potential future VADEQ combined sewer overflow requirements (Additional funding of \$14.5 million is planned in the approved six-year CIP for to-be-determined sanitary sewer system needs).

Information Technology:

- Replacement or major upgrade of the City's Permit Plan System.
- Provision of laptop computers to more public school students than currently budgeted.
- Future wireless communications and information systems.

Social Services and Health:

- Further Casey Clinic improvements.
- New Human Services Department and Mental Health, Mental Retardation and Substance Abuse headquarters to be constructed on the Tauber site potentially along with a new School's headquarters in lieu of continued leasing.
- Improvements at the MH/MR/SA facility on Mill Road, as well as to all other MH/MR/SA owned or leased residential facilities.
- Capital grants to non-profit health and social service agencies in the City.
- Capital funding for public housing unit replacement or refurbishment.