CITY OF

# Alexandria

VIRGINIA

FY 2007

# Approved Capital Improvement Program

July 1, 2006 - June 30, 2007

# City of Alexandria

# FY 2007 - FY 2012

# CAPITAL IMPROVEMENT

# PROGRAM

(Incorporating the Information Technology Plan)

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Maps: Department of Planning & Zoning and the Department of Transportation and Environmental Services

GFOA Award

GOVERNMENT FINANCE OFFICERS ASSOCIATION

# *Distinguished Budget Presentation Award*

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## City of Alexandria

## Virginia

For the Fiscal Year Beginning

**July 1, 2005**

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Executive Director

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, 2005.

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.

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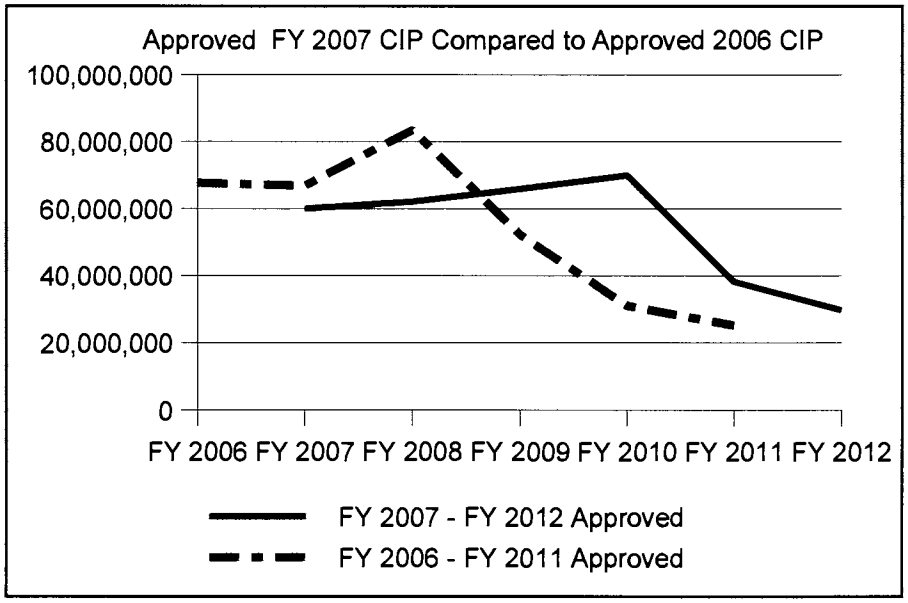
## Overview

The City of Alexandria's Capital Improvement Program (CIP) is a comprehensive plan which identifies the City's future infrastructure needs and the corresponding funding required to meet those needs. It totals $326.5 million in planned local funding, $569.3 million in planned total funding for the FY 2007 to FY 2012 time period. This represents a 0.10 percent decrease in local funding and a 0.44 percent increase in total CIP funding as it compares to $326.8 million in planned local funding and $566.8 million in planned total funding in the FY 2006 to FY 2011 time period.




The plan addresses two broad areas of expenditure. The first is the protection of the City's investment in existing physical assets and includes the maintenance, upkeep and renovation of public buildings, streets, sewer lines, recreation facilities, historic sites, information technology and all of the infrastructure needed to sustain the City. The second is the planning and construction or purchase of major new facilities and systems. In anticipation of these capital requirements, the CIP indicates appropriate funding that will be needed. The adoption of the Capital Improvement Program by the City Council is an indication of their 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 CIP is funded by a combination of General Obligation Bonds, General Fund Balance (from prior year fiscal surpluses), State and federal grant funds, "Cash Capital," which is the direct payment to the CIP from the City's Operating Budget, sewer hook-up and user fees, one cent from the real estate tax rate dedicated for open space acquisition and miscellaneous outside revenues. This CIP also indicates a need for additional funding to be determined in Fiscal Years 2008-2011.

The CIP indicates the expected timing and the approximate cost for each project and program area. The adoption of the Capital Improvement Program is neither a 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. For this reason, the CIP includes some projects where needs have been defined (such as for Metrorail capital beyond FY 2007 and partial funding for DASH bus replacement), but specific solutions and funding sources have not been identified.

The Capital Improvement Program also provides a necessary measure of flexibility for the City Council in meeting the City's capital infrastructure needs. There are several projects for miscellaneous capital repairs and improvements (Schools, Parks, City Buildings, Streets, Storm Sewers, and Sanitary Sewers) that provide for response to particular needs during the fiscal year even though the specific locations or needs could not be foreseen at the time of budget adoption.

## The CIP Process

The specific plan and priorities for the FY 2007 - FY 2012 CIP were initially developed by the City's internal 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. In making those recommendations, each requested project, as well as those projects approved in prior years, was evaluated and assigned one of three ratings - essential, very desirable or desirable - using the following guidelines:

Essential

- 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;
- State or federal funds can be used with minimal match from the City.

Very Desirable

- 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;
- State or federal funds available but requires a substantial City match.

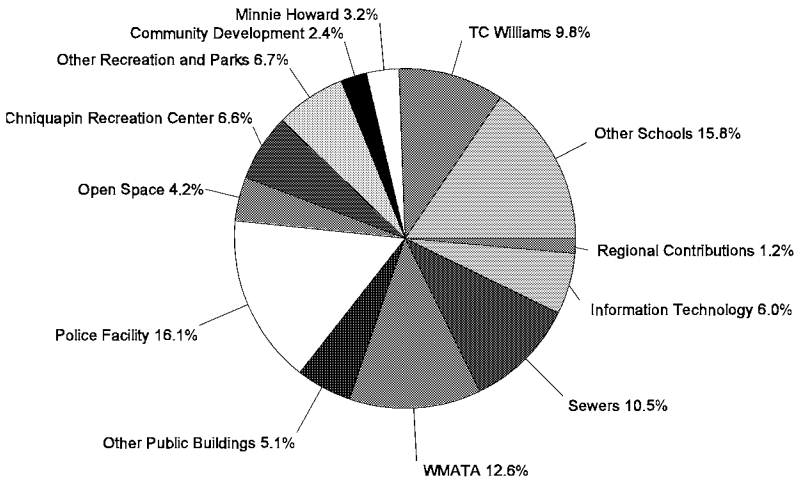
Desirable

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

After the Committee developed its recommendations, meetings were held with the City Manager so that the City Manager could review, adjust and then finalize the CIP project recommendations contained in this report. While these project ratings are important in determining recommended priorities, the realities of the City's financial situation, as well as the need to meet the budget targets established by City Council were critical to those decisions.

The CIP Review Committee assessed over thirty new and revised project requests for the FY 2007 - FY 2012 Capital Improvement Program. The result of the efforts of the CIP Review Committee and subsequent City Manager review and decision-making, and Council review and adoption is an approved six-year $326.5 million City-funded CIP, representing a 0.10 percent decrease as compared to the FY 2006-FY 2011 CIP of $326.8 million. The City-funded six-year capital program reflects the City Council's commitment to fund the City's share of the Washington Metropolitan Area Transit Authority's (WMATA) "Metro Matters" and "Beyond Metro Matters" Capital Improvement Program (CIP) combined with WMATA's six-year capital plan that will be funded primarily with local funds; the replacement and expansion of the DASH bus fleet, as well as street and alley projects. The approved CIP also calls for additional new City capital projects, including additional "to be determined" future sanitary sewer projects, that will be fully fee supported, as well as increased costs for existing projects. These new projects primarily reflect projects for public safety, recreation, including improved athletic and ball fields, and a "greener" Alexandria that enhances the environment and provides additional leisure and recreation opportunities. Importantly, the funding plan for the approved CIP will comply with the City's financial policy guidelines, for fiscal year 2007.

**FY 2007 - FY 2012 Locally Funded CIP By Program**




Highlights of the Capital Improvement Program

The approved locally-funded FY 2007-FY 2012 six-year program includes the following major initiatives:

Education:

- A total of $87.2 million has been approved in this CIP for the capital needs of the Alexandria City Public School system. The City will fully fund the Schools' adopted six-year CIP through FY 2008 and partially fund the School Board's request from FY 2009 through FY 2012. This CIP includes funding to complete the replacement of the new

T.C. Williams High School by FY 2008. The City's CIP does not include a total of $10.6 million over two years (FY 2009 - 2010) for the renovation and expansion of Minnie Howard Ninth Grade Center. The original, approved project budget for Minnie Howard is reflected in FY 2009 and FY 2010 in the City's approved CIP. As the project nears initiation, and trends in construction costs and enrollment are better known, funding needs can be better identified in a future CIP.

Public Safety:

- $1.2 million over six years (FY 2007 - FY 2012) has been planned for capital repairs, maintenance and improvements at facilities managed by the Office of the Sheriff, particularly the Detention Center.

- $48.8 million to construct a new Police facility on Wheeler Avenue continues to be budgeted in the CIP (FY 2007-FY 2011) which represents no change in dollars from last year's approved CIP. However, the timing has been significantly changed to better reflect the expected schedule. Given the recent increases in construction costs, this project will have new cost estimates reflected in the FY 2008-FY 2013 CIP.

Transportation and Transit:

- $49.1 million has been budgeted over six years (FY 2007-FY 2012) 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 "Beyond Metro Matters" Capital Improvement Program (CIP). WMATA's "Metro Matters" and "Beyond Metro Matters" plan identified a total of $1.1 billion in unfunded, urgent capital needs of the region's bus and rail transit system over the next six years. The City's share of WMATA's "Metro Matters" and "Beyond Metro Matters" capital plan will be funded primarily from local monies. The $49.1 million over six years budgeted as the City's share of "Metro Matters" and "Beyond Metro Matters" will be partially offset by $11.0 million in additional State funding sources yet to be identified.

- $9.7 million over six years (FY 2007-2012) has been budgeted for the replacement of a total of 29 DASH buses over this period. These buses will be partially funded through FY 2012 by $5.2 million in State Urban Funds. Revenues from City, State and federal sources, in the amount of $4.5 million, will need to be provided.

- $11.1 million over three years (FY 2007 - FY 2009) 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 by federal revenues and are planned to be matched with revenues from the State earmarked for these City transportation projects.

- $1.5 million over five years (FY 2007 - FY 2011) has been budgeted for the redesign and reconstruction of the most deteriorated alleys City-wide as part of the Alley Rehabilitation Program.

Environment:

- An additional $1.7 million has been budgeted for the construction of the first phase of the Holmes Run Trunk project. The funding has also been accelerated. The project is now budgeted over two years (FY 2007 and FY 2008) rather than the four years as reflected in the FY 2006 - FY 2011 Approved CIP.

- $1.5 million in State and Tribal Assistant Grant (STAG) funds that have been awarded to the City and Arlington County have been budgeted over two years (FY 2007-FY 2008) to develop and implement innovative ways to restore the Four Mile Run Stream Channel. $600,000, which represents the City's local match for the grant, has also been budgeted.

- $830,000 has been budgeted in FY 2007 to address unforeseen site conditions and for the remediation of contaminated soil conditions associated with the Royal Street Relief Sewer project.

- $552,019 has been budgeted in FY 2007 to provide for the construction of a force main to divert flows from the Four Mile Run pump station to the Potomac Yard Interceptor in order to reduce sanitary sewer overflows from the Four Mile Run sewer shed.

- $380,000 budgeted in FY 2007 for additional dredging along the City's waterfront has been moved to FY 2008 and an additional $520,000 has also been budgeted in FY 2008 for total of $900,000 for additional waterfront dredging.

- $14.5 million over five years (FY 2008 - FY 2012) is planned to address unforeseen conditions and cost increases in existing sanitary sewer projects and for sanitary sewer projects to be determined in the future. These projects will be financed by the revenues collected through the Sanitary Sewer Enterprise Fund (sanitary sewer connection fees).

Recreation, Parks and Open Space:

- Funding for open space land acquisition over six years of $12.7 million reflects revenue estimated for FY 2007 given recently released real estate assessments and the estimated value of one percent of total revenue generated from real estate taxes (changed by City Council from one cent of the real estate taxes). The out years (FY 2008-2012) have been increased by an average of four percent per year based on estimated future year assessment increases. The actual amount will vary based upon actual assessments for each coming year.

- Based on the time it will take to design and construct the expansion and renovation of the Chinquapin Recreation Center following the completion of the new T.C. Williams High School, the funding schedule for this project has been revised. The total remains $20.0 million, however the funding is now budgeted over three years (FY 2008-FY 2010) rather than over FY 2007 and FY 2009. It should be noted that $20.0 million is a "placeholder" as a program has not yet been developed for the use of the renovated and expanded space.

- An additional $50,000 per year over six years has been budgeted for the planting and maintaining of an additional 350 trees on public property for a total of $135,000 per year over six years for the planting and care of approximately 700 trees. The Urban Forestry Steering Committee, established by the City Manager in 2004, approved that these additional monies be added to the City's budget to preserve the City's tree canopy.

- $1.0 million over six years has been reprogrammed from the Drainage Improvements project to the Athletic Fields Improvements project to address drainage and grading problems at the City's park sites and ball fields.

- $375,000 has been budgeted in FY 2010 for the renovation of the tennis courts at Montgomery Park, located at North Royal and Montgomery Streets.

- $75,000 has been budgeted in FY 2008 for the replacement of the Timberbranch Park Pedestrian Bridge abutments which support the wooden bridge that spans the Timberbranch Park/Stream and connects East Timberbranch Parkway with West Timberbranch Parkway.

- $50,000 has been budgeted in FY 2007 to complete Phase III of the Schulyer Hamiliton Jones Skateboard Park at the Luckett Field project. This phase will add ten to sixteen more skating elements to the park.

- The funding for the renovation and enhancements of Windmill Hill Park has been revised. Of the $1.0 million budgeted in FY 2007, $250,000 has been moved to FY 2008 and $500,000 has been moved to FY 2009. The $250,000 remaining in FY 2007will provide for the design of a new bulkhead.

- $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) has been reprogrammed to the Charles Houston Recreation Center renovation project, bringing the total funding available for the Charles Houston project to $8.6 million. This does not as yet include to be determined costs of potential utility undergrounding.

- An additional $1.7 million has been budgeted in FY 2008, for a total of $11.2 million over two years ($1.5 million in unallocated prior year monies and $9.7 million in FY 2008) of which $5.0 million will be funded by private fund raising, for the design and construction of a City-wide sports complex. The original $8.0 million budgeted in FY 2007 (now $9.7 million) was moved back to FY 2008 to more closely reflect the proposed project schedule.

- $300,000 has been budgeted in FY 2008 for a needs assessment which will allow the Department of Recreation, Parks and Cultural Activities to establish department priorities for future service, program and corresponding facility needs due to the heavy demand from the public.

Economic and Community Development:

- $0.9 million over six years ($150,000 per year) has been budgeted to begin to address capital facility maintenance requirements at the City's historic buildings and sites managed by the Office of Historic Alexandria (OHA).

- $0.6 million has been budgeted in FY 2007 to complete the remaining work at Gadsby's Tavern.

Basic Infrastructure and Information Technology (IT):

- Total funding in the out years (FY 2009-FY 2012), in the amount of $800,000, budgeted for the planned systematic replacement of emergency generators at City facilities has been accelerated and moved up to FY 2008.

- An additional $700,000 has been budgeted in FY 2008 for the Space Management project to address the initial re-use of the former Health Department facility and for the professional support required for the long-term planning of the future location of the Department of Human Services and the Department of Mental Health, Mental Retardation and Substance Abuse (MH/MR/SA).

- A total of $128,298 in unallocated prior year monies from completed capital projects or projects in which the remaining balance was no longer needed, was reprogrammed to the new Old Animal Shelter Re-Use project to fund the build-out of the old animal shelter facility on South Payne Street for re-use as a City warehouse facility.

- The Approved FY 2007-FY 2012 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 2007-FY 2012 Information Technology (IT) Plan component of the CIP is $18.1 million, which represents a decrease of $3.0 million, or 14.2 percent, as compared to the FY 2006-FY 2011 approved six-year plan.

FY 2007 Capital Budget - First Year of the Six-Year Program

The FY 2007 Capital Budget, which comprises the first year of the six-year plan, is $60 million, and represents a decrease of $7.8 million, or 11.5 percent, as compared to the approved capital budget for FY 2006. A summary of the FY 2007 capital budget major highlights follows:

Education

- $24.1 million for the Alexandria City Public Schools, including $19.5 million to continue the construction of the new T.C. Williams High School.

- $134,200 for the City's capital contribution to Northern Virginia Community College.

Public Safety

- $2.0 million for the initial design costs for a new Police Facility.

- $2.4 million for the first funding phase of a new fire station. The location is pending the outcome of a station location analysis now underway.

- $225,000 for ongoing capital maintenance and repairs at the City's fire stations.

- $157,332 for the City's annual capital contribution to Peumansend Creek Regional Jail.

Basic Infrastructure and Information Technology

- $4.6 million for the Information Technology Plan.

Transportation and Transit

- $2.2 million for undergrounding, streets, bridges, and traffic calming measures.

- $7.8 million for City-funded transit requirements, including DASH and WMATA.

Economic and Community Development

- $2.1 million for various Community Development projects, including $0.5 million to continue implementing the Arlandria Plan.

Recreation, Parks and Open Space

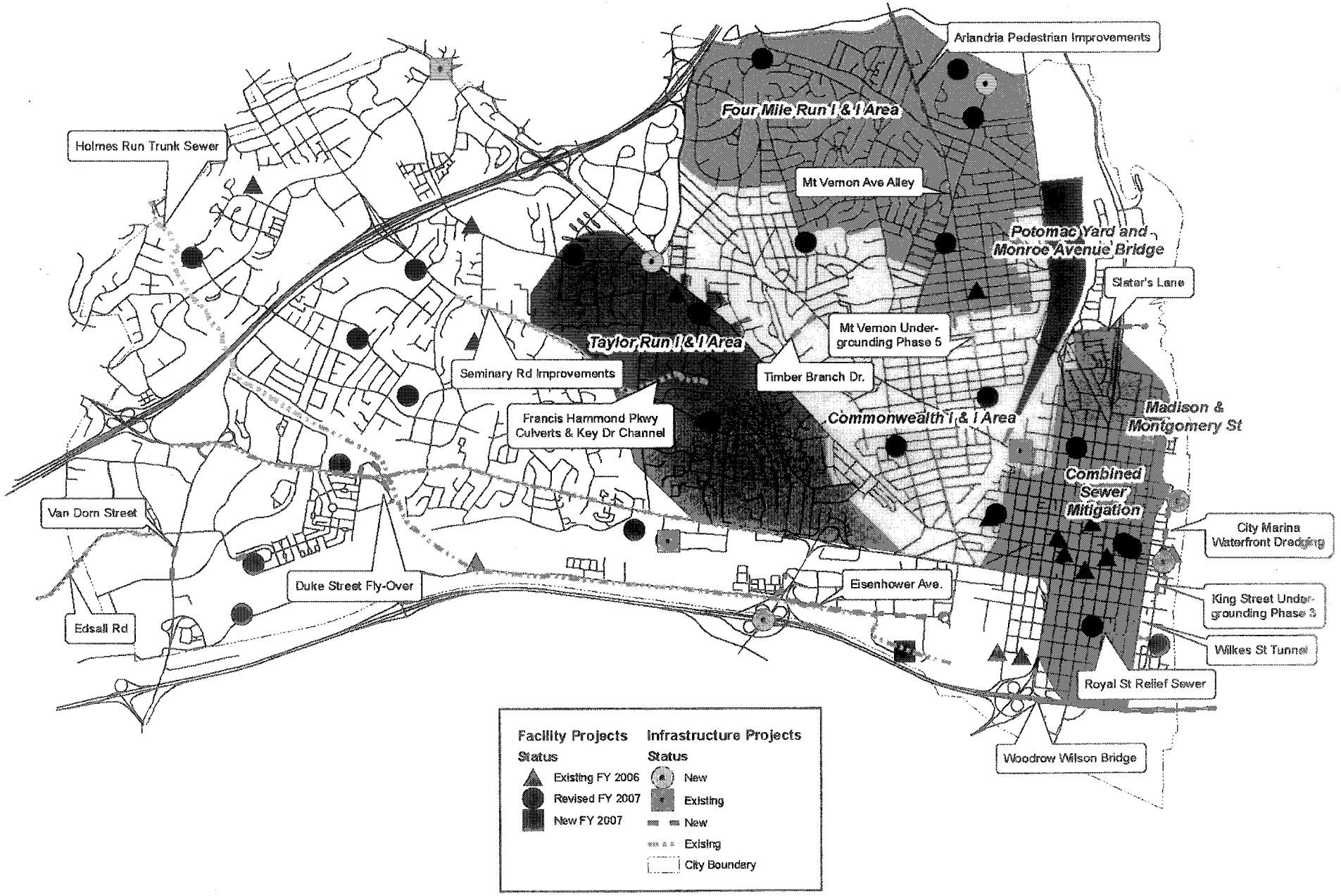
- $1.8 million in additional funds for land acquisition (open space).
- $2.2 million for improvements and renovations at the Charles Houston Recreation Center.
- $0.3 million for the City's capital contribution to the Northern Virginia Regional Park Authority.
- $0.3 million for athletic fields.
- $0.8 million for other recreation facilities including ball courts and playgrounds throughout the City.

Environment

- $3.0 million for Holmes Run Trunk Sewer.
- $1.4 million for sanitary and storm sewer work City-wide.
- $0.8 million for Royal Street Relief Sewer.
- $0.2 million for Infiltration and Inflow.
- $0.2 million for replacement street cans City-wide.
- $0.2 million for tree planting and renovation and enhancement of the City's horticultural sites.

The City map on the following page depicts the location of the various CIP projects approved in the FY 2006- FY 2011 CIP and new and revised capital projects approved in this FY 2007 - FY 2012 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.

# Location of Proposed and Existing CIP Projects



## CIP EXPENDITURE REDUCTIONS

**City Council approved a total of $7.5 million in Capital Improvement Program projects to be postponed or eliminated as part of its effort to reduce the total General Fund budget and reduce the growth in real property taxes. The City Manager proposed many possible reduction options and the following shows Council action on those proposed reductions by priority tiers.**

### Desirable Projects Postponed or Eliminated – $1,275,000

**To meet the Alternative Budget Target, several Capital Improvement Program (CIP) projects were postponed or eliminated, saving $1.3 million in FY 2007. These projects are ranked as "Desirable" in the CIP, which is the lowest of the priority rankings.**

| | Proposed | Approved |
|---|---|---|
| **Chinquapin Recreation Center**<br>Postpone to FY 2008 the planning and design of activities associated with the proposed major renovation of the Chinquapin Recreation Center. (Details can be found in the Recreation and Parks - Recreation Facilities Improvements section of this document.) | ($500,000) | ($500,000) |
| **Space Management Program**<br>Postpone to FY 2008 $300,000 of the $500,000 requested for the planning for the optimal utilization of City office space through reconfiguration of modular and fixed office equipment, renovation of existing structures, and relocation of City staff. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($300,000) | ($300,000) |
| **Capital Facilities Maintenance Program (CFMP)**<br>Postpone to FY 2008 $100,000 of the $600,000 requested for CFMP projects, including the replacement and maintenance of mechanical, electrical, plumbing and other systems in City facilities. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($100,000) | ($100,000) |
| **Sheriff Capital Facilities Maintenance Program (CFMP)**<br>Postpone to FY 2008 $100,000 of the $200,000 requested for CFMP projects primarily at the Detention Center, including the replacement and maintenance of mechanical equipment, a lighting study and upgrades for the prisoner-attorney conference area, expansion of the uninterrupted power supply system, and repair, caulking and repainting of the exterior windows. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($100,000) | ($0) |

**Desirable Projects Postponed or Eliminated (Continued)**

| | Proposed | Approved |
|---|---|---|
| **Emergency Operations Center (EOC)**<br>Postpone to FY 2008 funding for interim modifications to the existing EOC facility located at the Lee Center. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($75,000) | ($75,000) |
| **Ball Court Renovations**<br>Postpone to FY 2008 funding for ball court renovations at William Ramsey. As necessary, these renovations would include patching or replacing surfaces, drainage work, fencing, gates, grading, electrical work and color coating. (Details can be found in the Recreation and Parks - Park Improvements section of this document.) | ($125,000) | ($125,000) |
| **Park/Playground Renovations**<br>Postpone to FY 2008 $66,000 of $210,000 requested for the repair or replacement of deteriorating play equipment, play area surfaces, and to provide small-scale enhancements, such as benches, table and trash cans. (Details can be found in the Recreation and Parks - Park Improvements section of this document.) | ($66,000) | ($0) |
| **Alley Rehabilitation**<br>Postpone to FY 2008 $200,000 of $300,000 requested for alley rehabilitation, due to drainage problems and deteriorating pavement conditions. (Details can be found in the Streets and Bridges - Street and Pedestrian Improvements section of this document.) | ($200,000) | ($100,000) |
| **West End Streets**<br>Postpone to FY 2008 funding for addressing needed repairs and renovations for streets west of Quaker Lane. (Details can be found in the Streets and Bridges - Street and Pedestrian Improvements section of this document.) | ($100,000) | ($0) |
| **Miscellaneous Undergrounding**<br>Eliminate funding for miscellaneous undergrounding at new development sites throughout the year and rely on unallocated balances of $500,000 to meet new needs. (Details can be found in the Streets and Bridges - Undergrounding of Utilities/Street Lighting section of this document.) | ($75,000) | ($75,000) |

## Highly Desirable Projects Postponed or Eliminated – $1,685,000

**To meet the Alternative Budget Target, several additional Capital Improvement Program projects were postponed or eliminated, saving an additional $1.7 million. These projects are ranked as "Highly Desirable" which is the middle of three priority rankings.**

| | Proposed | Approved |
|---|---|---|
| **Emergency Generators**<br>Postpone to FY 2008 funding for the planned, systematic replacement of emergency generators at various City buildings planned according to a life-cycle replacement schedule. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($262,500) | ($262,500) |
| **Space Management Program**<br>Postpone to FY 2008 the remaining $200,000 of $500,000 requested for planning for the optimal utilization of City office space through reconfiguration of modular and fixed office equipment, renovation of existing structures, and relocation of City staff. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($200,000) | ($200,000) |
| **MH/MR/SA Group Homes**<br>Postpone to FY 2008 half the funding requested for planning repairs to City-owned and operated group homes, including remediation of water leaks, correction of code compliance issues, minor structural repairs, replacement of normal wear elements and mechanical, electrical, and plumbing replacement and upgrades. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($77,500) | ($77,500) |
| **Energy Conservation**<br>Eliminate $75,000 of $175,000 requested for energy conservation projects in City facilities, including such things as alternate electrical and lighting methods, more efficient mechanical systems, and alternative energy sources. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($75,000) | ($0) |

**Highly Desirable Projects Postponed or Eliminated (Continued)**

| | Proposed | Approved |
|---|---|---|
| **Fire Station Renovations**<br>Postpone to FY 2008 $80,000 of $225,000 requested for building repairs and renovations at the City's eight fire stations. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($80,000) | ($0) |
| **Fire Truck Lift**<br>Postpone to FY 2008 the replacement of the current heavy vehicle lift with one that has a greater weight capacity. (Details can be found in the Public Buildings - Renovation of Existing City Facilities section of this document.) | ($120,000) | ($120,000) |
| **Park Drainage Improvements**<br>Postpone to FY 2008 requested funding to address drainage and grading issues at George Mason Park. (Details can be found in the Recreation and Parks - Park Improvements section of this document.) | ($250,000) | ($250,000) |
| **Timberbranch Bridge**<br>Postpone to FY 2008 funding for replacing the existing bridge that extends across Timberbranch, connecting E. Timberbranch Parkway with W. Timberbranch Parkway. The existing bridge is at the beginning stages of deterioration due to the erosion caused by the stream that flows around the structure. (Details can be found in the Recreation and Parks - Park Improvements section of this document.) | ($75,000) | ($75,000) |
| **Public Pools/Marina**<br>Eliminate funding $45,000 of $90,000 requested for renovation and maintenance of public pools and the City Marina. (Details can be found in the Recreation and Parks - Recreation Facilities section of this document.) | ($45,000) | ($0) |
| **Park/Playground Renovations**<br>Postpone to FY 2008 an additional $16,000 of $210,000 requested for the repair or replacement of deteriorating play equipment, play area surfaces, and to provide small-scale enhancements, such as benches, table and trash cans. (Details can be found in the Recreation and Parks - Park Improvements section of this document.) | ($16,000) | ($0) |

**Highly Desirable Projects Postponed or Eliminated**
**(Continued)**

| | Proposed | Approved |
|---|---|---|
| **Recreational Facility Needs Assessment**<br>Postpone to FY 2008 the funding requested for conducting a Recreation and Parks facility needs assessment. This assessment would examine the need for funding for such things as additional skate park facilities, waterfront plans, marina piers, facilities and utilities, Chinquapin Park, and Teen Center. (Details can be found in the Recreation and Parks - Recreation Facilities section of this document.) | ($300,000) | ($300,000) |
| **Sidewalk, Curb and Gutter Repairs/Renovations**<br>Eliminate the FY 2007 annual funding for sidewalk, curb and gutter repairs and renovations throughout the City.(Details can be found in the Streets and Bridges - Street and Pedestrian Improvements section of this document.) | ($100,000) | ($100,000) |
| **Street Cans**<br>Postpone to FY 2008 $118,000 of $168,000 planned for replacement of old and damaged street cans with new ornamental street cans in the West End. (Details can be found in the Community Development section of this document.) | ($118,000) | ($0) |
| **Bus Shelters**<br>Postpone to FY 2008 the funding for bus shelter replacement. (Details can be found in the Traffic and Rapid Transit - Alexandria Transit Corporation (ATC) Buses section of this document.) | ($100,000) | ($50,000) |
| **Mt. Vernon Alley Repairs/Renovation**<br>Postpone to FY 2008 the reconstruction of the alley behind the 300 block of Mt. Vernon Ave to eliminate standing water problems and other deteriorating conditions. Design work to be undertaken in FY 2007 with construction targeted for early FY 2008. (Details can be found in the Streets and Bridges - Street and Pedestrian Improvements section of this document.) | ($350,000) | ($250,000) |

## Projects Postponed or Eliminated During Add/Delete by City Council– $4,540,000

**During the Preliminary and Final Add/Delete Council Worksessions, the following additional Capital Improvement Program projects were postponed or eliminated, saving $4.5 million in FY 2007.**

| | Proposed | Approved |
|---|---|---|
| **Police Headquarters**<br>Postpone to FY 2008 $2,760,000 of the $4,840,000 planned for the New Police Facility to more accurately reflect the revised planning and design schedule. (Details can be found in the Public Buildings - New Police Facility section of this document). | ($0) | ($2,760,000) |
| **Old Town Undergrounding**<br>Postpone to FY 2008 $500,000 of the $1,000,000 planned for Old Town Undergrounding. This will not delay this project, but shift funding to when it is likely to be needed. (Details can be found in the Streets and Bridges - Undergrounding of Utilities/Street Lighting section of this document). | ($0) | ($500,000) |
| **Open Space Acquisition**<br>Amend the amount of revenue dedicated to the purchase of Open Space from $0.01 of the Real Estate Tax to one percent of real estate tax revenues. (Details can be found in the Recreation & Parks - Land Acquisition section of this document). | ($0) | ($630,000) |
| **New Fire Station**<br>Eliminate $650,000 of the $3,000,000 planned for the initial phase of design and land acquisition for the New Fire Station in a yet-to-be determined location. (Details can be found in the Public Buildings - Renovation of Maintenance of Existing City Facilities section of this document). | ($0) | ($650,000) |

Projects Not Funded in the FY 2007 to FY 2012 CIP:

Funding for many capital project requests for both the City and the Schools have not been funded in this FY 2007-FY 2012 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:

Education

- Full funding for the renovation and expansion of Minnie Howard Ninth Grade Center in FY 2009 and FY 2010.
- A new Alexandria City Public Schools Administration facility 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.
- Full implementation of a City-wide Wayfinding Sign Program beyond what is approved in the CIP.
- Further streetscape improvements in the City's business districts.
- An improved Visitor's Center (renovated Ramsay House or 132 North Royal Street).
- Additional renovations and improvements at all of the City's historic facilities and museums.
- Expansion and/or major renovation of the Fort Ward Park Museum.

Recreation, Parks and Open Space

- Open space acquisition funding beyond the $16.9 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.
- A possible Teen 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.
- Additional improvements to all playgrounds, tennis courts and sports fields.
- Capital grants to non-profit museums in the City.

Public Safety

- Any potential additional costs for the location and construction of new Public Safety Center.
- Any potential additional costs for the relocation of the existing City infrastructure facilities located in the Wheeler Avenue- Witter Field area.
- Construction costs for a new fire station beyond the $3.6 million for initial design and land acquisition.
- Fire station renovations beyond what is approved in this CIP.
- Improvements to the existing Fleet Services facility on Wheeler Avenue.
- Additional Police Pistol Range improvements.
- 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).
- Elevator refurbishment at City facilities beyond what is proposed in this CIP.
- Renovations and repairs to the City's libraries beyond what is approved in this CIP.
- Capital facilities maintenance for the City's historic buildings beyond the $150,000 proposed in this CIP.
- Renovation of the Women's Shelter.
- 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.

Environment

- Additional 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).

Basic Infrastructure and Information Technology

- Replacement or major upgrade of the City's various Human Resource Information Systems.
- Provision of laptop computers to more public school students than currently budgeted.
- Replacement or major upgrade of the City's current Permit Plan System.
- Future wireless communications systems.
- Upgrade of public safety and general radios to achieve seamless compatibility with Arlington County's new radio system.

Social Services and Health

- Further Casey Clinic improvements.
- New Human Services Department and Mental Health, Mental Retardation and Substance Abuse 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.

## PROJECT PROGRESS OF THE PAST YEAR

The following is a list of some of the City's significant project progress in its capital program during FY 2005 and the first half of FY 2006 (as measured by City Council allocations):

Duncan Branch Library

On September 23, 2005, the renovated and expanded Duncan Library, located at 2501 Commonwealth Avenue was opened to the public.

Duke Street Concourse

In July 2005, the Duke Street Concourse was completed, dedicated and opened to the public.

King Street Metro Station Platform Extension

In December 2005, the King Street Platform Extension project, which is connected to the existing platform on the south side of King Street by a pedestrian overpass, was completed and opened to the public. This project will improve pedestrian access and safety.

King Street Metro Station Sidewalks

In July 2004, the King Street Metro Station Sidewalks project, which will improve pedestrian access and safety by widening the sidewalk along the west side of Diagonal Road from the station to Duke Street, was completed and opened to the public.

Public Safety Radio System

In December 2005, the City's new 800 Mhz Radio System was completed at a cost of $6.9 million which included all site construction and the installation of the new radio equipment. System cut over for all users occurred in December 2005.

Correction of Infiltration and Inflow in Sanitary Sewers

On June 28, 2005, City Council approved the allocation of $4.2 million to rehabilitate and remediate infiltration/inflow (I/I) conditions in three sewer sheds including Four Mile Run, Commonwealth and Taylor Run. The Four Mile Run Sewer Shed will be completed by the end of CY 2006. Commonwealth is scheduled to be completed in Spring 2006. The Taylor Run study and field investigation is scheduled to begin in Fall 2005.

Open Space Land Acquisition

In January 2006, City Council approved the purchase of three waterfront lots on the Strand in Old Town for $3.8 million. In addition, the City also purchased Seminary Forest area land in FY 2005.

Public Safety Building

On November 22, 2005, City Council approved the allocation of $4.1 million to fund the demolition and removal of the first floor slab at the Public Safety Center. Construction is underway. Completion of the slab replacement project is scheduled for Winter 2008.

Courthouse Garage

On May 25, 2005, City Council approved the allocation of $2.1 million for the renovation of the Courthouse parking garage. Construction is scheduled to be completed in Summer 2006.

King/Beauregard Intersection

On June 28, 2005, City Council approved the allocation of $2.0 million in State monies for the design of at-grade intersection improvements along King Street at Beauregard Street between Chesterfield Drive and 28th Street. Construction is scheduled to begin in Spring 2007.

Business Center Drive/City Government Center

On January 24, 2006, City Council approved the allocation of $1.8 million for the design, renovation and fit-up of the property located at 2900 Business Center Drive, which was purchased by the City in 2003, for eventual use as the Department of Transportation and Environment Services (T&ES) and the Department of Recreation, Parks and Cultural Activities maintenance facility following the relocation of these facilities from their current location at 133 Quaker Lane. Construction and renovation is scheduled to commence in July 2007 and proceed through June 2008.

Metrorail (WMATA)

On June 28, 2005, City Council approved the allocation of $5.9 million for the City's share of the expanded Washington Metropolitan Area Transit Authority's (WMATA) capital replacement and improvement program, which represented the City's subsidy due to WMATA for the four quarters of FY 2006.

DASH Bus Facility

On April 26, 2005, City Council approved the allocation of $500,000 in State Urban Funds to provide for the coordination of the design and construction of the new DASH facility. A $1.0 million contract was awarded in October 2005 to provide design-build consulting services and currently the project is in its programming and concept/design phase.

Stabler-Leadbeater Apothecary Museum

On September 25, 2005, City Council approved the allocation of $175,000 for capital improvements at the Stabler-Leadbeater Apothecary Museum. These monies combined with the one-time grant from the City, in the amount of $620,000, and private funding raising, will fully fund and complete the renovation project. The renovations and repairs are scheduled to be completed in Summer 2006. Following the restoration, the facility will be transferred to City ownership and operation.

## Table 1. Projects Closed

The following projects, which were included in the Approved FY 2006 - FY 2011 CIP, have been deleted from the Proposed FY 2007 - FY 2012 CIP for the reasons noted below:

| Project | Title |
|---|---|
| 005-104 | Lloyd House Renovations |

The balance of monies for this project was allocated on June 22, 2004 and used for roof and drainage systems replacement, as well as the installation of storm windows at the facility. The Lloyd House now serves as administrative space for the Office of Historic Alexandria.

| Project | Title |
|---|---|
| 005-342 | Building Code Compliance |

The balance of monies for this project was allocated on June 28, 2005 to address structural, electrical, plumbing, fire alarm and prevention systems, and other facility related renovations required to bring 28 City facilities into compliance. The monies budgeted in the out years (FY 2007 - FY 2011) of this project have been eliminated in this proposed CIP. Code requirements will now be directly incorporated into the budgets of future projects.

| Project | Title |
|---|---|
| 005-309 | Environmental Compliance |

The balance of monies for this project was allocated on June 28, 2005 to provide on-going, annual renovations, improvements or the acquisition of major capital equipment as required by federal and State environmental regulations.

| Project | Title |
|---|---|
| 005-328 | T&ES/General Services Truck Wash |

The balance of monies for this project was reprogrammed to the new Business Center Drive/City Government Center project in this CIP to partially fund the relocation of City infrastructure facilities currently located at 133 South Quaker Lane to 2900 Business Center Drive to facilitate the construction of a new Police facility on Wheeler Avenue.

| Project | Title |
|---|---|
| 005-316 | ITS Relocation |

The balance of monies for this project was allocated on January 24, 2006 to provide for the relocation of the Department of Information and Technology Services (ITS) Network Operations Center (NOC) from the third floor of City Hall to leased space at 421 King Street in the Tavern Square complex.

Table 1. Projects Closed (continued)

| Project | Title |
|---|---|
| 005-306 | T&ES/Recreation Maintenance Facility |

The balance of monies for this project was reallocated on January 24, 2006 to the new Business Center Drive/City Government Center project in this CIP to provide for the design, renovation and fit-up of the property at 2900 Business Center Drive, which was purchased by the City in 2003, for eventual use as a T&ES/Recreation maintenance facility following the relocation of these facilities from their current location at 133 South Quaker Lane to facilitate the construction of a new police facility on Wheeler Avenue.

| Project | Title |
|---|---|
| 005-020 | T&ES Field Office |

The balance of monies for this project was reprogrammed to the new Business Center Drive/City Government Center project in this CIP to partially fund the relocation of City infrastructure facilities currently located at 133 South Quaker Lane to 2900 Business Center Drive to facilitate the construction of a new Police facility on Wheeler Avenue.

| Project | Title |
|---|---|
| 005-020 | T&ES Air Monitoring Lab |

The balance of monies for this project was reprogrammed to the new Old Animal Shelter Re-Use project in this CIP to refurbish the old animal shelter facility located on South Payne Street for re-use as a City warehouse facility.

| Project | Title |
|---|---|
| 005-020 | City Hall Parapet Renovation |

The balance of monies for this project was allocated on June 28, 2005 for the repair of the parapet wall on the west and north side of City Hall.

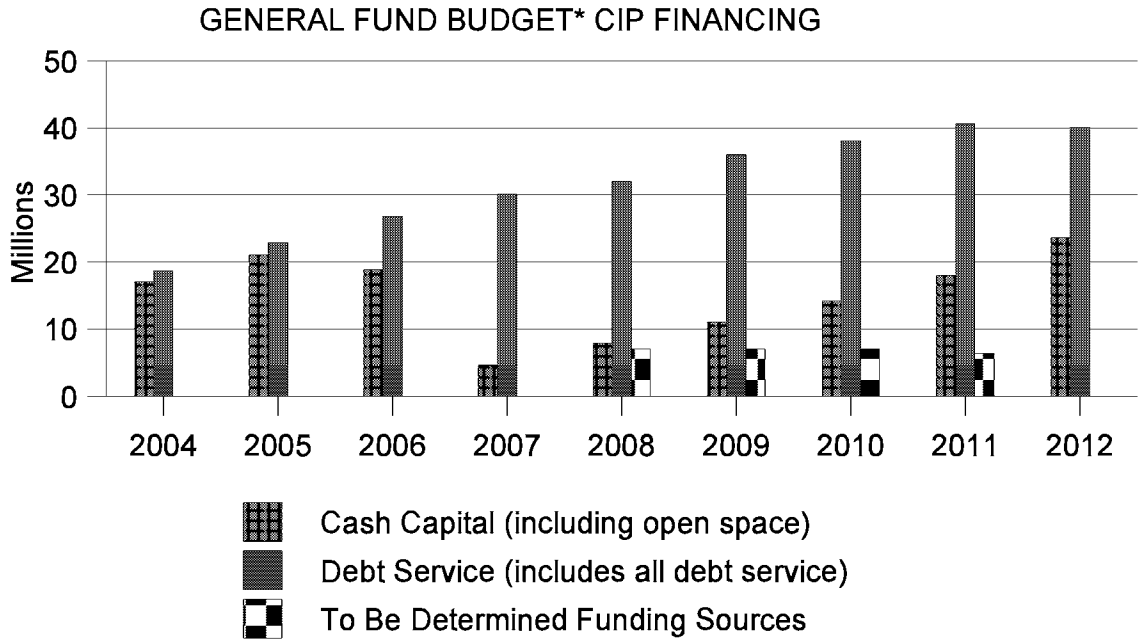
| Project | Title |
|---|---|
| 011-114 | Traffic Survey Response |

The balance of monies for this project was reallocated on October 25, 2005 to partially fund the completion of the Duke Street and King Street repaving project. This project is scheduled for completion in Spring 2006.

Capital Funding Summary

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.

Funding the total capital program for the City and the Schools will be provided through a mix of $167.0 million in general obligation bond borrowing, cash capital appropriations of $79.3 million (includes open space cash capital), $18.4 million in bond interest earnings, $27.2 million in cash capital from sanitary sewer fees, and $7.4 million in fund balance designated for capital projects. The FY 2007-FY 2012 capital funding plan reflects the planned issuance of $34.3 million in general obligation bonds in FY 2007; $40.9 million in FY 2008; $41.6 million in FY 2009;$42.5 million in FY 2010; and $7.7 million in FY 2011. Tables detailing the capital program funding plan appear in the section entitled "Summary Funding Totals" in this document.




While the approved plan recommended a $34.3 million bond issue planned for FY 2007 to fund the next phases of the City's Capital Improvement Program, the City actually borrowed $17.3 million of this amount on June 13, 2006 by piggybacking on its FY2006 **bond issuance**. The FY 2007 Adopted Operating Budget reflected a 4.5 percent estimated interest rate. The actual tax-exempt borrowing rate in June 2006 was 4.2 percent

In November 2004, the City issued a total of $10 million in general obligation bonds to provide for Open Space Acquisitions. In June 2006, $15 million in general obligation bonds were issued to provide for affordable housing. Table 1 represents debt service costs associated with the issuance of bonds for these purposes. These debt costs are paid by real estate tax revenues dedicated for these purposes.

Table 1: Debt Service for Dedicated Purposes

| Fiscal Year | Open Space | Affordable Housing |
|---|---|---|
| 2004 | $0 | $0 |
| 2005 | $249,661 | $0 |
| 2006 | $889,407 | $0 |
| 2007 | $864,373 | $1,634,744 |
| 2008 | $844,346 | $1,560,375 |
| 2009 | $829,325 | $1,519,125 |
| 2010 | $814,305 | $1,477,875 |
| 2011 | $798,386 | $1,436,625 |
| 2012 | $783,000 | $1,395,375 |

Impact on the Adopted Debt-Related Financial Policies

This proposed capital program, while accommodating many needs, does not address all of the requests from City agencies and the community that will need to be carefully evaluated and phased in over a longer period than six years. 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 the City's projected general obligation debt service payments (including those on taxable bonds issued for affordable housing purposes and funded by the one cent of the real estate tax dedicated for that purpose) – the annual repayment on the principal and interest due on our bonds – will increase from $27.7 million in FY 2006 to $29.3 million in FY 2007, and increasing each year to FY 2011 to a peak of $40.6 million in FY 2011 before decreasing slightly in FY 2012.

As shown in the "Summary Funding Tables" section of the document and in Figures 1 and 2 on the following pages, the City will remain in compliance mostly with our adopted debt ratio limits. 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 2007 to FY 2012 time period.

Debt per capita as a percent of per capita income (see Figure 2) will remain below the City's debt per capita ceiling of 3.25% of per capita income in all but one year, FY 2006, when it would be 3.26 percent.[1] This is not a material deviation from the current guideline limits. In addition, this is not the primary debt ratio the bond rating agencies focus on.[2]

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[1]This measure assures that new debt related to the sanitary sewer system incurred in FY 2007 or thereafter will not be counted in this calculation because the system will be self supporting. However, during all years, it includes $15 million in taxable debt issued in June 2006 for affordable housing purposes.

[2]In fact, both bond rating agencies rated the bonds at the end of 2006 AAA/Aaa.

Furthermore, in relation to the $27.3 million in "to be determined funding" reflected in the FY 2008-2011 years of this six-year CIP, City staff plans to come back to Council before the end of 2006 on whether this particular limit (or other existing limits) could be adjusted upward based on comparison with other AAA/Aaa rated jurisdictions. The Budget and Fiscal Affairs Advisory Committee (BFAAC) has recommended that the debt per capita as a percent of per capita income guidelines be adjusted upward to a 3.2 percent target and 4.5 percent limit in order to 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.

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 (Figure 1). This is the most important debt ratio considered by the bond rating agencies. After peaking briefly in FY 2006 at 0.91 percent, the entire next six years of the adopted City CIP, the City's projected debt to tax base ratio never exceeds 0.90%. This is below the 1.1% target and 56% of the City's set 1.6% policy limit.

As stated above, the current debt ratio limits are being reviewed in relation to the norms for other AAA/Aaa cities and counties for possible revision, and such a revision will be recommended for City Council's consideration in the near future.

Figure 1. Debt as a Percentage of Fair Market Real Property Value
FY 2002- FY 2012

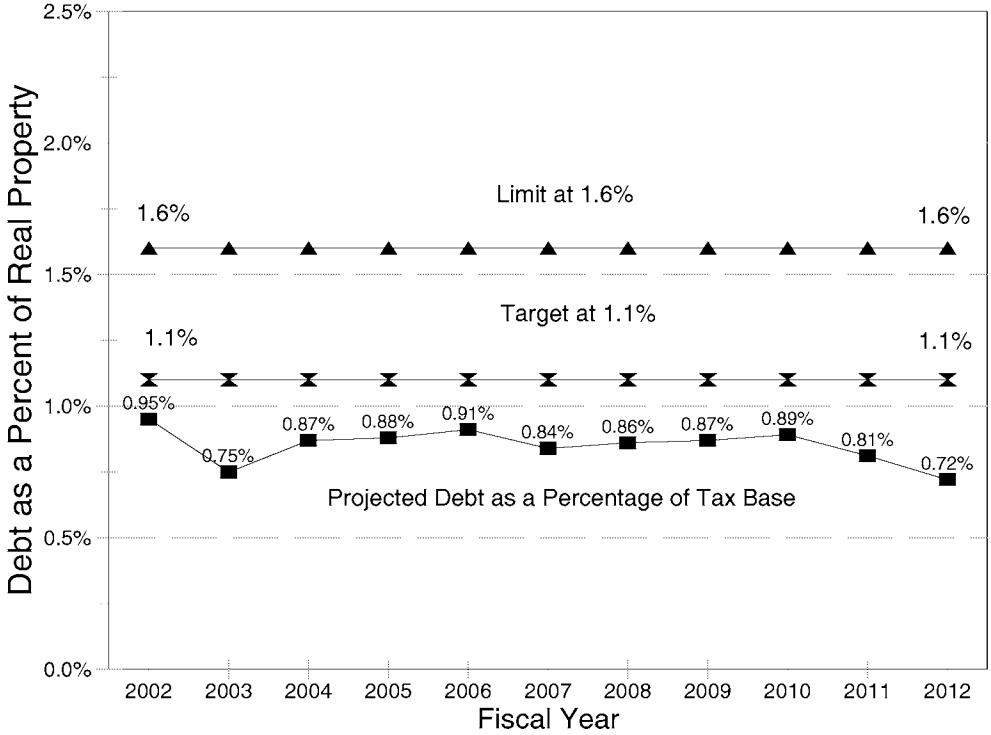
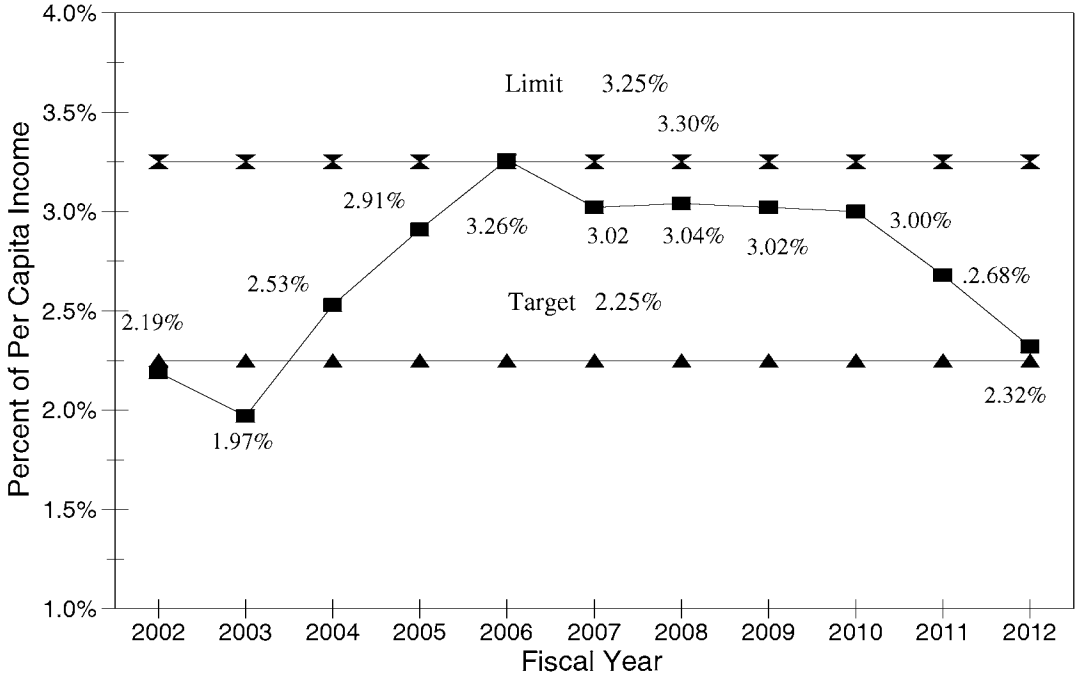



Figure 2. Debt per Capita as a Percent of Per Capita Income Compared to Debt Policy Target and Ceiling
FY 2002-FY 2012



## OPERATING IMPACT OF CAPITAL IMPROVEMENT PROGRAM (CIP)

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

The operating impact of capital projects includes both additional costs as well as savings or revenues. Examples of operating costs and savings could include additional or reduced personnel, maintenance, or utilities. For the New Police Facility, a significant savings of $2 million in annual facility lease costs will occur. These values are projected estimates based on the most current information available. As a result, these totals are subject to change in future years.

# OPERATING IMPACT OF CAPITAL IMPROVEMENT PROGRAM (CIP)

| CIP PROJECT OPERATING COSTS | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 | TOTAL |
|---|---|---|---|---|---|---|---|
| **COMMUNITY DEVELOPMENT** | | | | | | | |
| Lower King St Flood Mitigation* | $ 0 | $ 0 | TBD | TBD | TBD | TBD | TBD |
| **RECREATION & PARKS** | | | | | | | |
| Athletic Field Improvements | 0 | $ 70,000 | $ 140,000 | $ 410,000 | $ 480,000 | $ 480,000 | $ 1,580,000 |
| Parkland Acquisition | $ 80,000 | $ 191,000 | $ 657,000 | $ 713,000 | $ 719,000 | $ 719,000 | $ 3,079,000 |
| Windmill Hill Park | $ 0 | $ 0 | $ 0 | $ 95,000 | $ 95,000 | $ 95,000 | $ 285,000 |
| Bike Trails | $ 0 | $ 5,000 | $ 15,000 | $ 25,000 | $ 35,000 | $ 45,000 | $ 125,000 |
| Chinquapin Recreation Center (GS)** | $ 0 | $ 0 | $ 0 | TBD | TBD | TBD | TBD |
| Four Mile Run Park | $ 0 | $ 0 | $ 0 | TBD | TBD | TBD | TBD |
| Charles Houston Recreation Center | $ 0 | $ 0 | $ 255,000 | $ 255,000 | $ 255,000 | $ 255,000 | $ 1,020,000 |
| Patrick Henry Rec Center | $ 0 | $ 0 | $ 0 | TBD | TBD | TBD | TBD |
| All-Sports Complex | $ 0 | $ 0 | $ 0 | $ 100,000 | $ 100,000 | $ 100,000 | $ 300,000 |
| **PUBLIC BUILDINGS** | | | | | | | |
| Apothecary Museum* | $ 25,650 | $ 26,548 | $ 27,477 | $ 28,439 | $ 29,434 | $ 30,464 | $ 168,012 |
| EOC** | $ 0 | $ 0 | TBD | TBD | TBD | TBD | TBD |
| 405 Cameron Street Renovation* | $ 30,240 | $ 31,298 | $ 32,394 | $ 33,528 | $ 34,701 | $ 35,916 | $ 198,077 |
| New Fire Station** | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Pistol Range** | $ 0 | TBD | TBD | TBD | TBD | TBD | TBD |
| Animal Shelter ** | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| New Police Facility** | $ 0 | $ 0 | TBD | TBD | TBD | TBD | TBD |
| **TRANSPORTATION** | | | | | | | |
| Bus Shelters | $ 83,500 | $ 87,000 | $ 90,500 | $ 94,000 | $ 97,500 | $ 100,000 | $ 552,500 |
| Bus Facility (DASH) | $ 125,000 | $ 125,000 | $ 125,000 | $ 125,000 | $ 125,000 | $ 125,000 | $ 750,000 |
| **STREETS AND BRIDGES** | | | | | | | |
| Traffic Calming | $ 75,000 | $ 75,000 | $ 75,000 | $ 75,000 | $ 75,000 | $ 75,000 | $ 450,000 |
| Street Lighting | $ 12,000 | $ 12,000 | $ 12,000 | $ 12,000 | $ 12,000 | $ 12,000 | $ 72,000 |
| **STORM SEWERS** | | | | | | | |
| Oronoco Outfall | $ 175,000 | $ 175,000 | $ 175,000 | $ 175,000 | $ 175,000 | $ 175,000 | $ 1,050,000 |
| **TOTAL** | $ 1,107,607 | $1,303,638 | $1,637,276 | $2,175,023 | $2,267,883 | $2,283,862 | $8,364,044 |

* Operating impact is based on maintenance costs only (estimated at $4.50 per sq ft). Actual operating costs are determined by the program established by the occupying agency or tenant, including staff, utilities, etc

** Project has not yet reached design and/or construction phase, therefore operating costs are unknown at this ti ,but will be significant with Police Facility operating costs fully offset by reduced lease costs.

# 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.

Note: The entire text of the Strategic Plan can be found in the FY 2007 Operating Budget.

# FY 2007 - FY 2012
# Capital Improvement Program
# Summary Expenditure Tables

**Table 2.**
**Summary of Capital Improvement Program by Project Group**
**FY 2007 - FY 2012**

By Funding Source

| | TOTAL COST | STATE & FEDERAL GRANTS, REALLOCATIONS AND OTHERS | NET CITY COST | LESS PRIOR YEAR CARRY FORWARD FROM 02/28/05 THROUGH 6/30/05 | REMAINING CITY COST |
|---|---|---|---|---|---|
| SCHOOLS | $112,430,321 | $0 | $112,430,321 | $25,229,286 | $87,201,035 |
| LIBRARIES | 215,000 | 0 | 215,000 | 115,000 | 100,000 |
| COMMUNITY DEVELOPMENT | 46,422,819 | 37,747,800 | 8,675,019 | 1,534,000 | 7,141,019 |
| RECREATION AND PARKS | 87,724,854 | 11,852,560 | 75,872,292 | 20,934,949 | 54,937,345 |
| PUBLIC BUILDINGS | 84,217,042 | 0 | 84,217,042 | 20,111,692 | 64,105,350 |
| REGIONAL PUBLIC SAFETY | 1,425,667 | 218,000 | 1,207,667 | 344,275 | 863,392 |
| TRAFFIC IMPROVEMENTS/RAPID TRANSIT | 110,423,030 | 60,090,380 | 50,332,650 | 2,140,000 | 48,192,650 |
| STREETS AND BRIDGES | 53,283,300 | 31,465,650 | 21,817,650 | 8,631,650 | 13,186,000 |
| STORM SEWERS | 7,629,170 | 617,670 | 7,011,500 | 2,293,500 | 4,718,000 |
| SANITARY SEWERS | 34,987,190 | 0 | 34,987,190 | 7,837,190 | 27,150,000 |
| INFORMATION TECHNOLOGY PLAN * | 29,786,005 | 7,210,490 | 22,575,515 | 4,515,820 | 18,059,695 |
| OTHER EDUCATION | 805,200 | 0 | 805,200 | 0 | 805,200 |
| **TOTAL** | **$569,349,598** | **$149,202,550** | **$420,147,046** | **$93,687,362** | **$326,459,686** |

* The Information Technology Plan includes expenditures for the Public Safety Radio System.

**City Share by Program Year**

| | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 | TOTAL \1 |
|---|---|---|---|---|---|---|---|
| SCHOOLS | $24,110,640 | $16,249,275 | $14,945,083 | $15,128,748 | $10,468,583 | $6,298,706 | $87,201,035 |
| LIBRARIES | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| COMMUNITY DEVELOPMENT | 2,120,019 | 3,657,000 | 336,000 | 336,000 | 336,000 | 356,000 | 7,141,019 |
| RECREATION AND PARKS | 5,708,571 | 13,929,942 | 13,555,561 | 13,360,603 | 4,121,145 | 4,261,523 | 54,937,343 |
| PUBLIC BUILDINGS | 7,037,500 | 6,757,850 | 19,170,000 | 23,570,000 | 5,970,000 | 1,600,000 | 64,105,350 |
| REGIONAL PUBLIC SAFETY | 157,332 | 152,708 | 146,500 | 141,368 | 136,272 | 129,212 | 863,392 |
| TRAFFIC IMPROVEMENTS/RAPID TRANSIT | 7,729,900 | 7,525,000 | 6,707,000 | 8,669,500 | 7,897,000 | 9,664,250 | 48,192,650 |
| STREETS AND BRIDGES | 2,163,000 | 2,556,000 | 2,765,000 | 1,695,000 | 2,707,000 | 1,300,000 | 13,186,000 |
| STORM SEWERS | 853,000 | 1,753,000 | 903,000 | 403,000 | 403,000 | 403,000 | 4,718,000 |
| SANITARY SEWERS | 5,400,000 | 4,350,000 | 4,350,000 | 4,350,000 | 4,350,000 | 4,350,000 | 27,150,000 |
| INFORMATION TECHNOLOGY PLAN * | 4,609,500 | 4,996,655 | 2,962,999 | 2,242,856 | 1,841,640 | 1,406,045 | 18,059,695 |
| OTHER EDUCATION | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 805,200 |
| **TOTAL** | **$60,023,662** | **$62,161,630** | **$65,975,343** | **$70,031,275** | **$38,364,840** | **$29,902,936** | **$326,459,686** |

* The Information Technology Plan includes expenditures for the Public Safety Radio System.
\1 Total may differ due to rounding.

**Table 3.**
**Detail of Capital Improvement Program by Project**
**FY 2007 - FY 2012**

**By Funding Source**

| | TOTAL COST | STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS | NET CITY COST | CARRY FORWARD FROM 01/24/06 THROUGH 06/30/06 | REMAINING CITY COST |
|---|---|---|---|---|---|
| **SUBFUND: 001 SCHOOLS** | | | | | |
| SCHOOL FACILITIES /1 | $112,430,321 | $0 | $112,430,321 | $25,229,286 | $87,201,035 |
| **SUBTOTAL** | **$112,430,321** | **$0** | **$112,430,321** | **$25,229,286** | **$87,201,035** |
| **SUBFUND: 002 LIBRARIES** | | | | | |
| CENTRAL AND BRANCH LIBRARIES | $215,000 | $0 | $215,000 | $115,000 | $100,000 |
| **SUBTOTAL** | **$215,000** | **$0** | **$215,000** | **$115,000** | **$100,000** |
| **SUBFUND: 003 COMMUNITY DEVELOPMENT** | | | | | |
| DOWNTOWN TRANSPORTATION | $5,000 | $0 | $5,000 | $0 | $5,000 |
| ARLANDRIA PEDESTRIAN IMPROVEMENTS | $500,000 | $0 | $500,000 | $0 | $500,000 |
| MT. VERNON AVENUE IMPROVEMENTS | 5,000 | 0 | 5,000 | 0 | 5,000 |
| MUNICIPAL WATERFRONT IMPROVEMENTS | 5,000 | 0 | 5,000 | 0 | 5,000 |
| ROUTE 1 BEAUTIFICATION | 20,000 | 0 | 20,000 | 20,000 | 0 |
| COORDINATED SIGN SYSTEM | 2,300,000 | | 2,300,000 | 400,000 | 1,900,000 |
| RESIDENTIAL SIGN PROGRAM | 240,000 | | 240,000 | 24,000 | 216,000 |
| STREET CANS | 353,000 | | 353,000 | 0 | 353,000 |
| WOODROW WILSON BRIDGE IMPROVEMENTS | 35,573,000 | 35,573,000 | 0 | 0 | 0 |
| LOWER KING ST FLOOD MITIGATION | 5,000 | 0 | 5,000 | 0 | 5,000 |
| FOUR MILE RUN CHANNEL MAINTENANCE | 900,000 | 0 | 900,000 | 600,000 | 300,000 |
| FOUR MILE RUN FORCE MAIN | 1,226,819 | 674,800 | 552,019 | 0 | 552,019 |
| FOUR MILE RUN STREAM RESTORATION | 2,100,000 | 1,500,000 | 600,000 | 0 | 600,000 |
| STREAMS MAINTENANCE/WATERFRONT DREDGING | 3,190,000 | 0 | 3,190,000 | 490,000 | 2,700,000 |
| **SUBTOTAL** | **$46,422,819** | **$37,747,800** | **$8,675,019** | **$1,534,000** | **$7,141,019** |
| **SUBFUND: 004 RECREATION AND PARKS** | | | | | |
| BIKE TRAILS | $616,000 | $0 | $616,000 | $154,000 | $462,000 |
| CAMERON STATION | 25,000 | 0 | 25,000 | 25,000 | 0 |
| CHINQUAPIN PARK AND REC CENTER | 20,000,000 | 0 | 20,000,000 | 0 | 20,000,000 |
| FORT WARD PARK | 292,000 | 0 | 292,000 | 220,000 | 72,000 |
| LANDSCAPING OF PUBLIC SITES | 1,170,000 | 30,000 | 1,140,000 | 0 | 1,140,000 |
| NORTHERN VIRGINIA REGIONAL PARK | 1,982,016 | 0 | 1,982,016 | 0 | 1,982,016 |
| NEEDS ASSESSMENT | 300,000 | 0 | 300,000 | 0 | 300,000 |
| PARK IMPROVEMENTS | 8,746,000 | 1,000,000 | 7,746,000 | 136,000 | 7,610,000 |
| LAND ACQUISITION | **31,945,667** | 5,822,560 | 26,123,107 | 13,421,778 | 12,701,329 |
| RECREATION FACILITIES IMPROVEMENTS | 22,648,171 | 5,000,000 | 17,648,171 | 6,978,171 | 10,670,000 |
| **SUBTOTAL** | **$87,724,854** | **$11,852,560** | **$75,872,294** | **$20,934,949** | **$54,937,345** |
| **SUBFUND: 005 PUBLIC BUILDINGS** | | | | | |
| PRESERVATION OF HISTORIC BUILDINGS | $1,991,028 | $0 | $1,991,028 | $486,028 | $1,505,000 |
| ANIMAL SHELTER | 150,000 | 0 | 150,000 | 0 | 150,000 |
| ENERGY CONSERVATION | 1,265,600 | 0 | 1,265,600 | 215,600 | 1,050,000 |
| MARKET SQUARE RENOVATIONS | 696,110 | 0 | 696,110 | 696,110 | 0 |
| CITY FACILITY RENOVATION/MAINTENANCE | 79,855,304 | 0 | 79,855,304 | 18,454,954 | 61,400,350 |
| CITY VISITOR CENTER | 259,000 | 0 | 259,000 | 259,000 | 0 |
| **SUBTOTAL** | **$84,217,042** | **$0** | **$84,217,042** | **$20,111,692** | **$64,105,350** |
| **SUBFUND: 008 REGIONAL PUBLIC SAFETY** | | | | | |
| PEUMANSEND CREEK REGIONAL JAIL | $989,667 | $0 | $989,667 | $126,275 | $863,392 |
| N VA JUVENILE DETENTION CENTER | $436,000 | $218,000 | $218,000 | $218,000 | $0 |
| **SUBTOTAL** | **$1,425,667** | **$218,000** | **$1,207,667** | **$344,275** | **$863,392** |

1\ Please refer to the Alexandria City Public Schools adopted Capital Improvement Program for detailed information on school capital projects, available from the Office of the Assistant Superintendent for Finance and Administration.

Table 3.
Detail of Capital Improvement Program by Project
FY 2007 - FY 2012

By Funding Source

| | TOTAL COST | STATE & FEDERAL GRANTS, REALLOCATIONS, AND OTHERS | NET CITY COST | CARRY FORWARD FROM 01/24/06 THROUGH 06/30/06 | REMAINING CITY COST |
|---|---|---|---|---|---|
| **SUBFUND: 009 TRAFFIC IMPROVEMENTS AND RAPID TRANSIT** | | | | | |
| TRAFFIC FACILITIES | $14,155,000 | $6,925,000 | $7,230,000 | $2,040,000 | $5,190,000 |
| SAFETEA-LU TRANSIT PROJECTS | $11,134,500 | $11,134,500 | $0 | $0 | $0 |
| DASH BUS REPLACEMENT/BUS SHELTERS | 36,077,530 | 31,030,880 | 5,046,650 | 100,000 | 4,946,650 |
| METRO BUS/RAIL CAPITAL | 49,056,000 | 11,000,000 | 38,056,000 | 0 | 38,056,000 |
| **SUBTOTAL** | **$110,423,030** | **$60,090,380** | **$50,332,650** | **$2,140,000** | **$48,192,650** |
| **SUBFUND: 011 STREETS AND BRIDGES** | | | | | |
| POTOMAC YARD ROAD AND BRIDGE IMPROVEMENTS | 372,000 | 0 | 372,000 | 372,000 | 0 |
| BRIDGE REPAIRS | 2,245,000 | 20,000 | 2,225,000 | 725,000 | 1,500,000 |
| MILL ROAD REALIGNMENT | 4,378,000 | 4,278,000 | 100,000 | 100,000 | 0 |
| DUKE STREET FLYOVER | 300,000 | 300,000 | 0 | 0 | 0 |
| EISENHOWER WIDENING | 18,428,000 | 18,060,000 | 368,000 | 7,000 | 361,000 |
| ALLEY REHABILITATION | 1,500,000 | 0 | 1,500,000 | 0 | 1,500,000 |
| WILKES ST RAMP/TUNNEL | 770,322 | 0 | 770,322 | 770,322 | 0 |
| KING & BEAUREGARD INTERSECTION | 4,589,240 | 4,253,000 | 336,240 | 336,240 | 0 |
| KING STREET METRO AREA IMPROVEMENTS | 174,088 | 0 | 174,088 | 174,088 | 0 |
| STREET AND PEDESTRIAN IMPROVEMENTS | 13,186,650 | 4,554,650 | 8,632,000 | 2,832,000 | 5,800,000 |
| SIDEWALK, CURB AND GUTTER | 900,000 | 0 | 900,000 | 400,000 | 500,000 |
| UTILITY UNDERGROUNDING/STREET LIGHTING | 6,440,000 | 0 | 6,440,000 | 2,915,000 | 3,525,000 |
| **SUBTOTAL** | **$53,283,300** | **$31,465,650** | **$21,817,650** | **$8,631,650** | **$13,186,000** |
| **SUBFUND: 012 STORM SEWERS** | | | | | |
| RECONSTRUCTION/EXTENSION STORM SEWERS | $5,501,500 | $0 | $5,501,500 | $783,500 | $4,718,000 |
| ORONOCO OUTFALL | $2,127,670 | $617,670 | $1,510,000 | $1,510,000 | $0 |
| **SUBTOTAL** | **$7,629,170** | **$617,670** | **$7,011,500** | **$2,293,500** | **$4,718,000** |
| **SUBFUND: 013 SANITARY SEWERS** | | | | | |
| RECONSTRUCTION/EXTENSION SANITARY SEWERS | $6,065,000 | $0 | $6,065,000 | $1,145,000 | $4,920,000 |
| SEWER REHABILITATION AND ABATEMENT | 28,922,190 | 0 | 28,922,190 | 6,692,190 | 22,230,000 |
| **SUBTOTAL** | **$34,987,190** | **$0** | **$34,987,190** | **$7,837,190** | **$27,150,000** |
| **SUBFUND: 015 INFORMATION TECHNOLOGY PLAN** | | | | | |
| CONNECTIVITY PROJECTS | $12,503,695 | $5,320,000 | $7,183,695 | $1,209,100 | $5,974,595 |
| SYSTEMS DEVELOPMENT \2 | 17,282,310 | 1,890,490 | 15,391,820 | 3,306,720 | 12,085,100 |
| **SUBTOTAL** | **$29,786,005** | **$7,210,490** | **$22,575,515** | **$4,515,820** | **$18,059,695** |
| **SUBFUND: 016 OTHER EDUCATION** | | | | | |
| NORTHERN VIRGINIA COMMUNITY COLLEGE | $805,200 | $0 | $805,200 | $0 | $805,200 |
| **SUBTOTAL** | **$805,200** | **$0** | **$805,200** | **$0** | **$805,200** |
| **TOTAL ALL FUNDS** | **$569,349,598** | **$149,202,550** | **$420,147,048** | **$93,687,362** | **$326,459,686** |

**Table 4. SUMMARY**
**Detail of Capital Improvement Program by Project**
**FY 2007 - FY 2012**

City Share by Program Year

| | UNALLOCATED PRIOR YEAR | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 | TOTAL\1 |
|---|---|---|---|---|---|---|---|---|
| **SUBFUND: 001 SCHOOLS** | | | | | | | | |
| **SCHOOL FACILITIES** | $25,229,286 | $24,110,640 | $16,249,275 | $14,945,083 | $15,128,748 | $10,468,583 | $6,298,706 | **$87,201,035** |
| **SUBFUND 001 SUBTOTAL** | **$25,229,286** | **$24,110,640** | **$16,249,275** | **$14,945,083** | **$15,128,748** | **$10,468,583** | **$6,298,706** | **$87,201,035** |
| **SUBFUND: 002 LIBRARIES** | | | | | | | | |
| BARRETT LIBRARY | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| BEATLEY LIBRARY | $115,000 | $0 | $100,000 | $0 | $0 | $0 | $0 | $100,000 |
| **SUBFUND 002 SUBTOTAL** | **$115,000** | **$0** | **$100,000** | **$0** | **$0** | **$0** | **$0** | **$100,000** |
| **SUBFUND: 003 COMMUNITY DEVELOPMENT** | | | | | | | | |
| DOWNTOWN TRANSPORTATION/PARKING | $0 | $0 | $0 | $0 | $0 | $0 | $5,000 | $5,000 |
| ARLANDRIA PEDESTRIAN IMPROVEMENTS | $0 | $500,000 | $0 | $0 | $0 | $0 | $0 | $500,000 |
| MT. VERNON AVENUE IMPROVEMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| MUNICIPAL WATERFRONT IMPROVEMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| ROUTE 1 BEAUTIFICATION | 20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOWER KING ST FLOOD MITIGATION | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| FOUR MILE RUN FORCE MAIN | 0 | 552,019 | 0 | 0 | 0 | 0 | 0 | 552,019 |
| FOUR MILE RUN CHANNEL MAINTENANCE | 600,000 | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| FOUR MILE RUN STREAM RESTORATION | 0 | 300,000 | 300,000 | 0 | 0 | 0 | 0 | 600,000 |
| CITY MARINA WATERFRONT DREDGING | 20,000 | 0 | 900,000 | 0 | 0 | 0 | 0 | 900,000 |
| STREAMS/CHANNEL MAINTENANCE | 470,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,800,000 |
| COORDINATED SIGN SYSTEM | 400,000 | 0 | 1,900,000 | 0 | 0 | 0 | 0 | 1,900,000 |
| RESIDENTIAL SIGN PROGRAM | 24,000 | 0 | 72,000 | 36,000 | 36,000 | 36,000 | 36,000 | 216,000 |
| STREET CANS | 0 | 168,000 | 185,000 | 0 | 0 | 0 | 0 | 353,000 |
| WOODROW WILSON BRIDGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SUBFUND 003 SUBTOTAL** | **$1,534,000** | **$2,120,019** | **$3,657,000** | **$336,000** | **$336,000** | **$336,000** | **$356,000** | **$7,141,019** |
| **SUBFUND: 004 RECREATION AND PARKS** | | | | | | | | |
| BIKE TRAILS | $154,000 | $77,000 | $77,000 | $77,000 | $77,000 | $77,000 | $77,000 | $462,000 |
| CAMERON STATION | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHINQUAPIN PARK AND REC CENTER | 0 | 0 | 2,000,000 | 9,000,000 | 9,000,000 | 0 | 0 | 20,000,000 |
| FORT WARD PARK | 220,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 72,000 |
| LANDSCAPING OF PUBLIC SITES | 0 | 190,000 | 190,000 | 190,000 | 190,000 | 190,000 | 190,000 | 1,140,000 |
| NORTHERN VIRGINIA REGIONAL PARK | 0 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 1,982,016 |
| NEEDS ASSESSMENT | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 |
| OPEN SPACE FUND | 13,421,778 | 1,794,235 | 1,920,606 | 2,046,225 | 2,176,267 | 2,311,809 | 2,452,187 | 12,701,329 |
| **PARK IMPROVEMENTS** | | | | | | | | |
| ADA REQUIREMENTS | $25,000 | $25,000 | $25,000 | $25,000 | $25,000 | $25,000 | $25,000 | $150,000 |
| DRAINAGE IMPROVEMENTS | 0 | 0 | 400,000 | 0 | 0 | 0 | 0 | 400,000 |
| TIMBERBRANCH PARK | 0 | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| WINDMILL HILL PARK | 11,000 | 250,000 | 1,250,000 | 500,000 | 0 | 0 | 0 | 2,000,000 |
| ATHLETIC FIELD IMPROVEMENTS | 100,000 | 300,000 | 150,000 | 750,000 | 550,000 | 550,000 | 550,000 | 2,850,000 |
| PLAYGROUND RENOVATIONS | 0 | 210,000 | 160,000 | 160,000 | 160,000 | 160,000 | 160,000 | 1,010,000 |
| BALL COURTS RENOVATIONS | 0 | 0 | 250,000 | 125,000 | 500,000 | 125,000 | 125,000 | 1,125,000 |
| PARK SUBTOTAL | **$136,000** | **$785,000** | **$2,310,000** | **$1,560,000** | **$1,235,000** | **$860,000** | **$860,000** | **$7,610,000** |
| **RECREATION FACILITIES IMPROVEMENTS** | | | | | | | | |
| PATRICK HENRY REC CENTER | $500,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| C. HOUSTON REC CENTER | 4,630,000 | 2,180,000 | 1,750,000 | 0 | 0 | 0 | 0 | 3,930,000 |
| ALL- CITY SPORTS COMPLEX | 1,500,000 | 0 | 4,700,000 | 0 | 0 | 0 | 0 | 4,700,000 |
| RECREATION RENOVATIONS | 120,171 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,500,000 |
| PUBLIC POOLS | 115,000 | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 540,000 |
| LEE RECREATION CENTER | 113,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FACILITIES SUBTOTAL | **$6,978,171** | **$2,520,000** | **$6,790,000** | **$340,000** | **$340,000** | **$340,000** | **$340,000** | **$10,670,000** |
| **SUBFUND 004 SUBTOTAL** | **$20,934,949** | **$5,708,571** | **$13,929,942** | **$13,555,561** | **$13,360,603** | **$4,121,145** | **$4,261,523** | **$54,937,345** |

\1 Total does not include Unallocated Prior Year

**Table 4. SUMMARY**
**Detail of Capital Improvement Program by Project**
**FY 2007 - FY 2012**

City Share by Program Year

| | UNALLOCATED PRIOR YEAR | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 | TOTAL\1 |
|---|---|---|---|---|---|---|---|---|
| **SUBFUND: 005 PUBLIC BUILDINGS** | | | | | | | | |
| **PRESERVATION OF HISTORIC BUILDINGS** | | | | | | | | |
| LYCEUM | $107,028 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| GADSBY'S TAVERN | 287,000 | **600,000** | 0 | 0 | 0 | 0 | 0 | **600,000** |
| OHA CFMP | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 |
| FRIENDSHIP FIRE HOUSE | 92,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APOTHECARY MUSEUM | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| HISTORIC BLDGS SUBTOTAL | **$486,028** | **$750,000** | **$150,000** | **$150,000** | **$150,000** | **$150,000** | **$155,000** | **$1,505,000** |
| ANIMAL SHELTER | $0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 |
| ENERGY CONSERVATION | 215,600 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 1,050,000 |
| MARKET SQUARE RENOVATIONS | 696,110 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| **CITY FACILITY RENOVATION/MAINTENANCE** | | | | | | | | |
| IMPOUND OFFICE | $0 | $0 | $0 | $0 | $0 | $0 | $5,000 | $5,000 |
| BUSINESS CENTER DRIVE/CITY GOVT CENTER | 198,820 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SPACE MGMT PROGRAM | 0 | 0 | 700,000 | 0 | 0 | 0 | 0 | 700,000 |
| COURTHOUSE | 12,336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMERGENCY OPERATIONS CENTER | 195,000 | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| EMERGENCY GENERATORS | 385,000 | 0 | 1,062,500 | 0 | 0 | 0 | 0 | 1,062,500 |
| NEW POLICE FACILITY | 15,019,000 | 2,040,000 | 2,760,000 | 17,600,000 | 22,000,000 | 4,400,000 | 0 | 48,800,000 |
| DETENTION CENTER (JAIL) | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | **5,000** |
| OFFICE OF SHERIFF CFMP | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | **1,200,000** |
| PISTOL RANGE | 0 | 0 | 377,850 | 0 | 0 | 0 | 0 | 377,850 |
| PAYNE STREET STORAGE | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FLORA KRAUSE CASEY | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| CAPITAL FACILITIES MAINTENANCE (CFMP) | 600,000 | 500,000 | 700,000 | 600,000 | 600,000 | 600,000 | 600,000 | 3,600,000 |
| HANDICAPPED ACCESS (ADA) | 0 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 210,000 |
| TORPEDO FACTORY | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| MH RESIDENTIAL FACILITIES | 155,000 | 77,500 | 152,500 | 75,000 | 75,000 | 75,000 | 75,000 | 530,000 |
| OLD ANIMAL SHELTER RE-USE | 128,298 | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| SAFE HAVEN FACILITY | 645,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 405 CAMERON STREET | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| ELEVATOR REFURBISHMENT | 0 | 660,000 | 0 | 85,000 | 85,000 | 85,000 | 85,000 | 1,000,000 |
| NEW FIRE STATION | 600,000 | 2,350,000 | 0 | 0 | 0 | 0 | 0 | 2,350,000 |
| TRUCK LIFT - FIRE | 0 | 0 | 120,000 | 0 | 0 | 0 | 0 | 120,000 |
| FIRE STATION RENOVATIONS | 481,500 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 | 1,350,000 |
| CITY FACILITIES RENOV SUBTOTAL | **$18,454,954** | **$6,087,500** | **$6,407,850** | **$18,820,000** | **$23,220,000** | **$5,620,000** | **$1,245,000** | **$61,400,350** |
| CITY VISITOR CENTER | $259,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **SUBFUND 005 SUBTOTAL** | **$20,111,692** | **$7,037,500** | **$6,757,850** | **$19,170,000** | **$23,570,000** | **$5,970,000** | **$1,600,000** | **$64,105,350** |
| **SUBFUND: 008 REGIONAL PUBLIC SAFETY** | | | | | | | | |
| PEUMANSEND CREEK REGIONAL JAIL | $126,275 | $157,332 | $152,708 | $146,500 | $141,368 | $136,272 | $129,212 | $863,392 |
| N/ VA JUVENILE DETENTION CTR | $218,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **SUBFUND 008 SUBTOTAL** | $344,275 | **$157,332** | **$152,708** | **$146,500** | **$141,368** | **$136,272** | **$129,212** | **$863,392** |
| **SUBFUND: 009 TRAFFIC IMPROVEMENTS AND RAPID TRANSIT** | | | | | | | | |
| TRAFFIC CONTROL FACILITIES | $1,540,000 | $895,000 | $895,000 | $850,000 | $850,000 | $850,000 | $850,000 | $5,190,000 |
| TRAFFIC COMPUTER UPGRADE | 500,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAFETEA-LU TRANSIT PROJECTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DASH BUS REPLACEMENT | 0 | 369,900 | 1,339,000 | 0 | 1,204,500 | 0 | 1,633,250 | 4,546,650 |
| DASH BUS FACILITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BUS SHELTERS | 100,000 | 50,000 | 150,000 | 100,000 | 100,000 | 0 | 0 | 400,000 |
| METRO BUS/RAIL CAPITAL | 0 | 6,415,000 | 5,141,000 | 5,757,000 | 6,515,000 | 7,047,000 | 7,181,000 | 38,056,000 |
| **SUBFUND 009 SUBTOTAL** | **$2,140,000** | **$7,729,900** | **$7,525,000** | **$6,707,000** | **$8,669,500** | **$7,897,000** | **$9,664,250** | **$48,192,650** |

**Table 4. SUMMARY**
**Detail of Capital Improvement Program by Project**
**FY 2007 - FY 2012**

City Share by Program Year

| | UNALLOCATED PRIOR YEAR | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 | TOTAL\1 |
|---|---|---|---|---|---|---|---|---|
| **SUBFUND: 011 STREETS AND BRIDGES** | | | | | | | | |
| POTOMAC YARD ROAD AND BRIDGE IMPROVEMENTS | $372,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| BRIDGE REPAIRS | 705,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,500,000 |
| DUKE ST FLYOVER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WILKES ST RAMP/TUNNEL | 770,322 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KING & BEAUREGARD INTERSECTION | 336,240 | 0 | | 0 | 0 | 0 | 0 | 0 |
| ALLEY REHAB PROGRAM | 0 | 200,000 | 400,000 | 300,000 | 300,000 | 300,000 | 0 | 1,500,000 |
| KING STREET METRO AREA IMPROVEMENTS | 72,135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COMMUTER PEDESTRIAN IMPROVEMENTS | 101,953 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EISENHOWER AVE WIDENING | 7,000 | 38,000 | 106,000 | **65,000** | 95,000 | 57,000 | 0 | 361,000 |
| MILL ROAD REALIGNMENT | 100,000 | 0 | 0 | 0 | 0 | 0 | **0** | **0** |
| STREET&BRIDGES SUBTOTAL | **$2,464,650** | **$488,000** | **$756,000** | **$615,000** | **$645,000** | **$607,000** | **250,000** | **3,361,000** |
| **STREET AND PEDESTRIAN IMPROVEMENTS** | | | | | | | | |
| STREET RECONSTRUCTIONS | $100,000 | $100,000 | $100,000 | $100,000 | $100,000 | $100,000 | 100,000 | 600,000 |
| TRANSIT FACILITIES PEDESTRIAN IMP | $87,000 | $100,000 | $0 | $0 | $0 | $0 | 0 | 100,000 |
| MADISON & MONTGOMERY STS | $0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WEST END STREET | 0 | 100,000 | 0 | 100,000 | 0 | 0 | 0 | 200,000 |
| PUBLIC ALLEY - MT VERNON AVE | 0 | 100,000 | 250,000 | 0 | 0 | 0 | 0 | 350,000 |
| KING/BRADLEE | 0 | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| VAN DORN STREET | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BRADDOCK ROAD | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TENNESSEE AVENUE | 170,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PINE STREET | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BIRCH STREET | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MACARTHUR ROAD | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| N. FRAZIER STREET | 85,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| N. FROST STREET | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| STREET RECONSTRUCTION FOR SEWERS | 450,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 |
| LINDEN STREET | 165,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KING/QUAKER/BRADDOCK INTERSECT | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SLATER'S LANE | 300,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EDSALL RD - WHITING TO W. CITY LIMITS | 250,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TRAFFIC CALMING | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 3,600,000 |
| SIDEWALK, CURB AND GUTTER | 400,000 | 0 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| STREET & PEDEST SUBTOTAL | **$3,232,000** | **$1,150,000** | **$1,200,000** | **$1,050,000** | **$950,000** | **$1,000,000** | **950,000** | **6,300,000** |
| **UTILITY UNDERGROUNDING/STREET LIGHTING** | | | | | | | | |
| MISCELLANEOUS UNDERGROUNDING | $500,000 | $0 | $75,000 | $75,000 | $75,000 | $75,000 | 75,000 | 375,000 |
| OLD TOWN UNDERGROUNDING | 2,400,000 | 500,000 | 500,000 | 1,000,000 | 0 | 1,000,000 | 0 | 3,000,000 |
| STREET LIGHTING | 15,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 |
| UTILITIES SUBTOTAL | **$2,915,000** | **$525,000** | **$600,000** | **$1,100,000** | **$100,000** | **$1,100,000** | **100,000** | **3,525,000** |
| **SUBFUND 011 SUBTOTAL** | **$8,611,650** | **$2,163,000** | **$2,556,000** | **$2,765,000** | **$1,695,000** | **$2,707,000** | **$1,300,000** | **$13,186,000** |
| **SUBFUND: 012 STORM SEWERS** | | | | | | | | |
| **RECONSTRUCTION/EXTENSION STORM SEWERS** | | | | | | | | |
| MISC SEWER REPAIRS | $0 | $203,000 | $203,000 | $203,000 | $203,000 | $203,000 | $203,000 | 1,218,000 |
| TAYLOR RUN@JANNEY'S LANE | 0 | 0 | 500,000 | 500,000 | 0 | 0 | 0 | 1,000,000 |
| KEY DR/FRANCIS HAMMOND | 0 | 150,000 | 850,000 | 0 | 0 | 0 | 0 | 1,000,000 |
| SAYLOR PLACE OUTFALL | 0 | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| ALT. ANALYSIS BRADDOCK RD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALLEY SEWER UPGRADE | 18,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KING ST/CSX | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHANNEL RESTORATION | 590,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 |
| COMMONWEALTH AVE STUDY | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NPDES STORM WATER PROGRAM | 175,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORONOCO OUTFALL | 1,510,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SUBFUND 013 SUBTOTAL** | $2,468,500 | **$853,000** | **$1,753,000** | **$903,000** | **$403,000** | **$403,000** | **$403,000** | **$4,718,000** |

**Table 4. SUMMARY**
**Detail of Capital Improvement Program by Project**
**FY 2007 - FY 2012**

City Share by Program Year

| | UNALLOCATED PRIOR YEAR | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 | TOTAL\1 |
|---|---|---|---|---|---|---|---|---|
| **SUBFUND: 013 SANITARY SEWERS** | | | | | | | | |
| RECONSTRUCTION/EXTENSION SANITARY SEWERS | $1,145,000 | $820,000 | $820,000 | $820,000 | $820,000 | $820,000 | $820,000 | $4,920,000 |
| **SEWER REHABILITATION AND ABATEMENT** | | | | | | | | |
| SEWER MAP UPDATING | $165,000 | $300,000 | $0 | $0 | $0 | $0 | $0 | $300,000 |
| SANITARY SEWERS TO BE DETERMINED | $0 | $0 | $1,580,000 | $3,280,000 | $3,180,000 | $3,280,000 | $3,180,000 | $14,500,000 |
| HOLMES RUN TRUNK SEWER | 4,302,000 | 3,000,000 | 1,600,000 | 0 | 0 | 0 | 0 | 4,600,000 |
| COMBINED SEWER MITIGATION | 1,825,190 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,500,000 |
| INFILTRATION/INFLOW | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| ROYAL STREET RELIEF SEWER | 0 | 830,000 | 0 | 0 | 0 | 0 | 0 | 830,000 |
| ENVIRONMENTAL RESTORATION | 225,000 | 0 | 100,000 | 0 | 100,000 | 0 | 100,000 | 300,000 |
| SEWER REHAB SUBTOTAL | **$6,517,190** | **$4,580,000** | **$3,530,000** | **$3,530,000** | **$3,530,000** | **$3,530,000** | **$3,530,000** | **$22,230,000** |
| **SUBFUND 013 SUBTOTAL** | **$7,662,190** | **$5,400,000** | **$4,350,000** | **$4,350,000** | **$4,350,000** | **$4,350,000** | **$4,350,000** | **$27,150,000** |
| **SUBFUND: 015 INFORMATION TECHNOLOGY PLAN** | | | | | | | | |
| CONNECTIVITY PROJECTS | $1,401,100 | $741,000 | $1,892,655 | $971,399 | $1,019,356 | $956,640 | $393,545 | $5,974,595 |
| SYSTEMS DEVELOPMENT | $3,674,060 | 3,868,500 | 3,104,000 | 1,991,600 | 1,223,500 | 885,000 | 1,012,500 | 12,085,100 |
| **SUBFUND 015 SUBTOTAL** | $5,075,160 | **$4,609,500** | **$4,996,655** | **$2,962,999** | **$2,242,856** | **$1,841,640** | **$1,406,045** | **$18,059,695** |
| **SUBFUND: 016 OTHER EDUCATION** | | | | | | | | |
| NORTHERN VIRGINIA COMMUNITY COLLEGE | $0 | $134,200 | $134,200 | $134,200 | $134,200 | $134,200 | $134,200 | $805,200 |
| **SUBFUND 016 SUBTOTAL** | $0 | **$134,200** | **$134,200** | **$134,200** | **$134,200** | **$134,200** | **$134,200** | **$805,200** |
| **TOTAL CITY SHARE** | **$94,226,702** | **$60,023,662** | **$62,161,630** | **$65,975,343** | **$70,031,275** | **$38,364,840** | **$29,902,936** | **$326,459,686** |

\1 Total does not include Unallocated Prior Year

# FY 2007 - FY 2012
# Capital Improvement Program
# Summary Funding Tables

CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS
For the Six Fiscal Years Ending June 30, 2012
Revised to Reflect Revised Funding Plan for Police HQ Facility and 5% Budget Solution

| | Total FY 2007 FY 20012 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 |
|---|---|---|---|---|---|---|---|
| City Funded Sources | | | | | | | |
| Planned General Fund Appropriations: | | | | | | | |
| FY 2007 | $2,784,870 | $2,784,870 | | | | | |
| FY 2008 | $6,000,000 | | $6,000,000 | | | | |
| FY 2009 | $9,000,000 | | | $9,000,000 | | | |
| FY 2010 | $12,000,000 | | | | $12,000,000 | | |
| FY 2011 | $15,731,151 | | | | | $15,731,151 | |
| FY 2012 | $21,101,331 | | | | | | $21,101,331 |
| General Obligation Bonds: | | | | | | | |
| FY 2007 | $34,291,269 | $34,291,269 | | | | | |
| FY 2008 | $40,891,024 | | $40,891,024 | | | | |
| FY 2009 | $41,579,118 | | | $41,579,118 | | | |
| FY 2010 | $42,505,008 | | | | $42,505,008 | | |
| FY 2011 | $7,703,031 | | | | | $7,703,031 | |
| Planned General Fund Open Space Trust Fund Account Transfers: | | | | | | | |
| FY 2007 | $1,794,235 | $1,794,235 | | | | | |
| FY 2008 | $1,920,606 | | $1,920,606 | | | | |
| FY 2009 | $2,046,225 | | | $2,046,225 | | | |
| FY 2010 | $2,176,267 | | | | $2,176,267 | | |
| FY 2011 | $2,311,809 | | | | | $2,311,809 | |
| FY 2012 | $2,451,603 | | | | | | $2,451,603 |
| Planned Other Sources: | | | | | | | |
| Bond Interest Earnings | | | | | | | |
| (Prior Year Surplus) | $6,400,000 | $6,400,000 | | | | | |
| (Current Year) | $12,000,000 | $2,000,000 | $2,000,000 | $2,000,000 | $2,000,000 | $2,000,000 | $2,000,000 |
| General Fund Balances | $7,353,288 | $7,353,288 | | | | | |
| Sewer Fees | $27,150,000 | $5,400,000 | $4,350,000 | $4,350,000 | $4,350,000 | $4,350,000 | $4,350,000 |
| Funding To Be Determinec | $27,268,849 | $0 | $7,000,000 | $7,000,000 | $7,000,000 | $6,268,849 | $0 |
| TOTAL CITY-FUNDED SOURCES | $326,459,686 | $60,023,662 | $62,161,630 | $65,975,343 | $70,031,275 | $38,364,840 | $29,902,934 |
| USES | | | | | | | |
| CAPITAL BUDGETS | $326,459,686 | $60,023,662 | $62,161,630 | $65,975,343 | $70,031,275 | $38,364,840 | $29,902,936 |

**CAPITAL IMPROVEMENT PROGRAM SOURCES AND USES OF FUNDS**
**For Fiscal Years Ending June 30, 2012**

| **CITY-FUNDED SOURCES:** | | | Projected Debt Service | Total General Fund |
|---|---|---|---|---|
| Planned Future General Fund Appropriations to Capital Projects Fund, FY 2007 - FY 2012: | | | | |
| FY 2007 | 2,784,870 | | 30,976,096 | 33,760,966 |
| FY 2008 | 6,000,000 | | 32,029,755 | 38,029,755 |
| FY 2009 | 9,000,000 | | 35,970,949 | 44,970,949 |
| FY 2010 | 12,000,000 | | 38,132,989 | 50,132,989 |
| FY 2011 | 15,734,151 | | 40,567,566 | 56,301,717 |
| FY 2012 | 21,101,331 | | 40,143,764 | 61,245,095 |
| Total Planned Future Appropriations | | 66,620,352 | 217,821,119 | 284,441,471 |
| Planned General Obligation Bond Issues: | | | | |
| FY 2007 | 34,291,269 | | | |
| FY 2008 | 40,891,024 | | | |
| FY 2009 | 41,579,118 | | | |
| FY 2010 | 42,505,008 | | | |
| FY 2011 | 7,703,031 | | | |
| Total General Obligation Bond Issues | | 166,969,450 | | |
| Planned General Fund Open Space Trust Fund Account Transfers: | | | | |
| FY 2007 | 1,794,235 | | | |
| FY 2008 | 1,920,606 | | | |
| FY 2009 | 2,046,225 | | | |
| FY 2010 | 2,176,267 | | | |
| FY 2011 | 2,311,809 | | | |
| FY 2012 | 2,451,603 | | | |
| Total Open Space Trust Fund Account Transfers | | 12,700,745 | | |
| Planned Other Sources | | | | |
| Bond Interest Earnings (Prior Year Surplus) | 6,400,000 | | | |
| Bond Interest Earnings (Current Year) | 12,000,000 | | | |
| General Fund Balances | 7,353,288 | | | |
| Sewer Fees | 27,150,000 | | | |
| Funds To Be Determined (FY 2008, FY 2009) | 27,268,849 | | | |
| Total Planned Other Sources | | 80,172,137 | | |
| Current Sources: | | | | |
| Capital Projects Fund Balance at 6/30/05 | 94,288,702 | | | |
| General Fund Appropriation FY 2006 | 16,988,957 | | | |
| General Fund Balances Designated for Subsequent Years' Capital Expenditures | 1,532,890 | | | |
| Planned General Obligation Bond Sale in FY 2006 | 37,460,738 | | | |
| Bond Interest Earnings | 500,000 | | | |
| Sewer Fees | 8,079,000 | | | |
| Open Space (FY 2006 Transfer) | 1,870,778 | | | |
| ARHA Repayment | 696,110 | | | |
| Bond Premium | 683,155 | | | |
| Total City-Funded Current Sources | | 162,100,330 | | |
| TOTAL CITY-FUNDED SOURCES | | 488,563,014 | | |

| **CITY FUNDED USES:** | | |
|---|---|---|
| Approved Capital Budgets through FY 2005: | | |
| Prior Year Approved Projects at 2/28/06 | 94,288,702 | |
| FY 2006 Approved Capital Budget | 67,811,626 | |
| Total Approved Capital Budgets | | 162,100,328 |
| Proposed FY 2007 - FY 2012 City-Funded CIP: | | |
| FY 2007 Proposed Capital Budget | 60,023,662 | |
| FY 2008 Proposed Capital Budget | 62,161,630 | |
| FY 2009 Proposed Capital Budget | 65,975,343 | |
| FY 2010 Proposed Capital Budget | 70,031,275 | |
| FY 2011 Proposed Capital Budget | 38,364,840 | |
| FY 2012 Proposed Capital Budget | 29,902,936 | |
| Total Proposed FY 2007- FY 2012 CIP | | 326,459,686 |
| TOTAL CITY-FUNDED USES | | 488,560,014 |

## Table 5.
## Debt Service Indicators

| Fiscal Year | Total Debt Service[1] | Outstanding Debt[2] | General Government Expenditures[3] | Assessed Value of Real Property ($000)[4] | Population[5] |
|---|---|---|---|---|---|
| FY 1993 | 13,640,181 | 54,875,000 | 271,404,113 | 11,100,242 | 116,000 |
| FY 1994 | 10,283,070 | 60,380,000 | 280,836,633 | 10,849,723 | 116,400 |
| FY 1995 | 11,050,739 | 52,255,000 | 290,760,163 | 10,846,601 | 117,000 |
| FY 1996 | 10,112,095 | 44,725,000 | 312,902,626 | 10,926,409 | 117,300 |
| FY 1997 | 9,289,745 | 37,610,000 | 326,248,912 | 11,163,428 | 117,600 |
| FY 1998 | 8,827,610 | 30,585,000 | 354,805,740 | 11,605,290 | 119,500 |
| FY 1999 | 6,350,549 | 65,710,000 | 380,736,909 | 12,187,519 | 121,700 |
| FY 2000 | 8,866,071 | 114,690,000 | 393,588,056 | 13,295,308 | 129,130 |
| FY 2001 | 12,382,315 | 107,875,000 | 401,555,221 | 14,632,349 | 132,980 |
| FY 2002 | 16,015,996 | 153,925,000 | 452,671,072 | 16,132,989 | 134,491 |
| FY 2003 | 17,483,024 | 143,615,000 | 488,044,085 | 19,225,926 | 135,518 |
| FY 2004 | 18,682,768 | 197,520,000 | 516,275,303 | 22,757,185 | 136,635 |
| FY 2005 | 22,682,247 | 241,890,000 | 545,688,442 | 27,359,650 | 137,846 |
| FY 2006 | 26,845,017 | 287,859,512 | 562,889,195 | 32,517,987 | 139,058 |
| FY 2007 | 30,976,096 | 283,975,544 | 605,256,600 | 33,818,706 | 140,269 |
| FY 2008 | 32,029,755 | 303,587,992 | 635,980,800 | 35,171,455 | 141,480 |
| FY 2009 | 35,970,949 | 319,962,483 | 671,013,500 | 36,578,313 | 142,692 |
| FY 2010 | 38,132,989 | 338,967,407 | 705,769,500 | 38,041,445 | 143,903 |
| FY 2011 | 40,567,566 | 321,703,605 | 742,316,700 | 39,563,103 | 145,114 |
| FY 2012 | 40,143,764 | 296,345,120 | 779,921,200 | 41,145,627 | 146,326 |

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

2 Beginning in FY 2007, debt attributable to sanitary sewer capital projects is excluded because sanitary sewer systems will become 100% self-supporting in that year.

3 General Government expenditures after FY 2006 are based on a long range forecast scenario.

4 Presented on a calendar year basis. Assumes an annual growth rate of 4 percent after calendar year 2005.

5 Population estimates for FY 2006 and FY 2011 from Planning and Zoning forecasts. Other future years extrapolated from 2006 and 2011 forecasts.

## Table 5. (continued)
## Debt Service Indicators

| Fiscal Year | Ratio of Debt Service to General Government Expenditures | Outstanding Debt as a Percentage of Assessed Value of Real Property* | Debt per Capita as a Percentage of Per Capita Income |
|---|---|---|---|
| Ceiling | 10.00% | 1.60% | An amount equal to 3.25% of per capita income |
| Target | 8.00% | 1.10% | An amount equal to 2.25% of per capita income |
| FY 1993 | 5.03% | 0.49% | 1.31% |
| FY 1994 | 3.66% | 0.56% | 1.34% |
| 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% | 2.53% |
| FY 2005 | 4.16% | 0.88% | 2.91% |
| FY 2006 | 4.77% | 0.91% | 3.26% |
| FY 2007 | 5.12% | 0.84% | 3.02% |
| FY 2008 | 5.04% | 0.86% | 3.04% |
| FY 2009 | 5.36% | 0.87% | 3.02% |
| FY 2010 | 5.40% | 0.89% | 3.00% |
| FY 2011 | 5.46% | 0.81% | 2.68% |
| FY 2012 | 5.15% | 0.72% | 2.32% |

*Includes general obligation bonds and term notes. In past years, total assessed value included real and personal property. Beginning in the 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.

## Table 5. (continued)
## Debt Service Indicators

| Fiscal Year | General Fund Balance as a Percentage of General Fund Revenue | |
|---|---|---|
| | Unreserved | Undesignated |
| Floor | 10.0% | 4.0% |
| Target | n/a | 5.5% |
| FY 1991 | 20.4% | 9.4% |
| FY 1992 | 22.1% | 7.2% |
| FY 1993 | 24.3% | 7.6% |
| FY 1994 | 23.4% | 7.6% |
| FY 1995 | 22.4% | 6.6% |
| FY 1996 | 20.6% | 5.5% |
| FY 1997 | 19.1% | 6.7% |
| FY 1998 | 17.6% | 7.6% |
| FY 1999 | 16.5% | 6.9% |
| FY 2000 | 17.3% | 6.5% |
| FY 2001 | 16.6% | 6.7% |
| FY 2002 | 17.6% | 6.8% |
| FY 2003 | 14.4% | 7.3% |
| FY 2004 | 14.6% | 6.9% |
| FY 2005 | 13.3% | 5.9% |

Source: Alexandria FY 2005 Comprehensive Annual Financial Report (CAFR)

## Table 6. General Obligation Bond Repayment Schedules

Table 6, below, summarizes the annual debt service for all currently outstanding general obligation bond issues of the City of Alexandria. Tables 7 through 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.)

**City of Alexandria, Virginia**
**Summary of Total General Obligation**
**Debt Service**

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 17,670,000 | 13,306,096 | 30,976,096 |
| 2008 | 18,175,000 | 12,376,035 | 30,551,035 |
| 2009 | 19,100,000 | 11,589,026 | 30,689,026 |
| 2010 | 18,315,000 | 10,760,274 | 29,075,274 |
| 2011 | 17,815,000 | 9,925,693 | 27,740,693 |
| 2012 | 17,775,000 | 9,135,405 | 26,910,405 |
| 2013 | 17,735,000 | 8,350,225 | 26,085,225 |
| 2014 | 17,735,000 | 7,555,150 | 25,290,150 |
| 2015 | 17,685,000 | 6,793,175 | 24,478,175 |
| 2016 | 17,660,000 | 6,017,794 | 23,677,794 |
| 2017 | 17,650,000 | 5,184,607 | 22,834,607 |
| 2018 | 17,615,000 | 4,380,894 | 21,995,894 |
| 2019 | 17,580,000 | 3,607,007 | 21,187,007 |
| 2020 | 15,545,000 | 2,826,969 | 18,371,969 |
| 2021 | 12,600,000 | 2,140,237 | 14,740,237 |
| 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 | $296,540,000 | $117,922,330 | $414,462,330 |

Table 7. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $56 MILLION - A (JUNE, 2006)**
Debt Outstanding at June 30, 2006

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 1,500,000 | 2,669,873 | 4,169,873 |
| 2008 | 2,000,000 | 2,494,931 | 4,494,931 |
| 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 | $56,000,000 | $27,815,620 | $83,815,620 |

Table 8. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $15 MILLION - B (JUNE, 2006)**
Debt Outstanding at June 30, 2006

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 750,000 | 884,744 | 1,634,744 |
| 2008 | 750,000 | 810,375 | 1,560,375 |
| 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 | $15,000,000 | $9,126,119 | $24,126,119 |

Table 9. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $54.8 MILLION - C (NOVEMBER, 2004)**
Debt Outstanding at November 30, 2004

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 2,745,000 | 1,993,925 | 4,738,925 |
| 2008 | 2,745,000 | 1,884,125 | 4,629,125 |
| 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 | $52,080,000 | $20,219,025 | $72,299,025 |

Table 10. City of Alexandria, Virginia
**GENERAL REFUNDING OBLIGATION BOND ISSUE OF $32.5 MILLION - B**
**(OCTOBER, 2004)**
Debt Outstanding at October 31, 2004

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 200,000 | 1,330,769 | 1,530,769 |
| 2008 | 205,000 | 1,326,769 | 1,531,769 |
| 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 | $31,600,000 | $12,542,539 | $44,142,539 |

Table 11. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $64.7 MILLION (JANUARY 1, 2004)**
Debt Outstanding at January 31, 2004

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 3,800,000 | 2,570,875 | 6,370,875 |
| 2008 | 3,800,000 | 2,380,875 | 6,180,875 |
| 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 | $58,100,000 | $21,592,750 | $79,692,750 |

Table 12. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $54.5 MILLION (JULY, 2001)**
Debt Outstanding at June 30, 2003

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 2,900,000 | 1,942,830 | 4,842,830 |
| 2008 | 2,900,000 | 1,832,630 | 4,732,630 |
| 2009 | 2,900,000 | 1,716,630 | 4,616,630 |
| 2010 | 2,900,000 | 1,600,630 | 4,500,630 |
| 2011 | 2,900,000 | 1,481,005 | 4,381,005 |
| 2012 | 2,895,000 | 1,357,755 | 4,252,755 |
| 2013 | 2,895,000 | 1,230,375 | 4,125,375 |
| 2014 | 2,895,000 | 1,100,100 | 3,995,100 |
| 2015 | 2,895,000 | 969,825 | 3,864,825 |
| 2016 | 2,895,000 | 835,931 | 3,730,931 |
| 2017 | 2,895,000 | 698,419 | 3,593,419 |
| 2018 | 2,895,000 | 560,906 | 3,455,906 |
| 2019 | 2,895,000 | 423,394 | 3,318,394 |
| 2020 | 2,895,000 | 282,263 | 3,177,263 |
| 2021 | 2,895,000 | 141,131 | 3,036,131 |
| Total | $43,450,000 | $16,173,824 | $59,623,824 |

Table 13. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $55.0 MILLION (6/15/2000)**[1]
Debt Outstanding at June 30, 2003

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 2,985,000 | 597,000 | 3,582,000 |
| 2008 | 2,985,000 | 447,750 | 3,432,750 |
| 2009 | 2,985,000 | 298,500 | 3,283,500 |
| 2010 | 2,985,000 | 149,250 | 3,134,250 |
| Total | $11,940,000 | $1,492,500 | $13,432,500 |

[1] Reflects effects of General Obligation Bonds issued October, 2004.

Table 14. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $34.0 MILLION (1/1/1999)**
Debt Outstanding at June 30, 2003

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 2,000,000 | 1,196,000 | 3,196,000 |
| 2008 | 2,000,000 | 1,118,000 | 3,118,000 |
| 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 | $26,000,000 | $8,719,000 | $34,719,000 |

Table 15. City of Alexandria, Virginia
**GENERAL OBLIGATION BOND ISSUE OF $22.7 MILLION (3/1/94)**
Debt Outstanding at June 30, 2003

| Fiscal Year | Principal | Interest | Total |
|---|---|---|---|
| 2007 | 790,000 | 120,080 | 910,080 |
| 2008 | 790,000 | 80,580 | 870,580 |
| 2009 | 790,000 | 40,290 | 830,290 |
| Total | $2,370,000 | $240,950 | $2,610,950 |

# Capital Project Detail Sheets

# Capital Project Detail Sheet Format

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.

**Subtasks** - Individual elements of the total 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 CIP Process" in the front of the CIP section for further explanation.

**Estimated Useful Life of Improvement** - Where possible, information on the estimated life of the improvement scheduled in the FY 2007 - FY 2012 CIP is provided.

**Project Manager** - Identifies the agency that is primarily responsible for planning and managing the project.

# Alexandria City Public Schools (ACPS)

## ALEXANDRIA CITY PUBLIC SCHOOLS (ACPS)

### Elementary Schools

| | |
|---|---|
| John Adams | 5651 Rayburn Avenue |
| Charles Barrett | 1115 Martha Custis Drive |
| Patrick Henry | 4643 Taney Avenue |
| Jefferson-Houston | 1501 Cameron Street |
| Cora Kelly Magnet School | 3600 Commonwealth Avenue |
| Lyles-Crouch | 530 South Saint Asaph Street |
| Douglas MacArthur | 1101 Janneys Lane |
| George Mason | 2601 Cameron Mills Road |
| Maury | 600 Russell Road |
| Mount Vernon | 2601 Commonwealth Avenue |
| James K. Polk | 5000 Polk Avenue |
| William Ramsay | 5700 Sanger Avenue |
| Samuel W. Tucker | 435 Ferdinand Day Drive |

### Ninth Grade Center

| | |
|---|---|
| Minnie Howard | 3801 Braddock Road |

### Middle Schools

| | |
|---|---|
| Francis C. Hammond | 4646 Seminary Road |
| George Washington | 1005 Mount Vernon Avenue |

### High School

| | |
|---|---|
| T.C. Williams/STEP | 3330 King Street |

### Other Facilities

| | |
|---|---|
| Administration Building | 2000 North Beauregard Street |
| Rowing Facility | 1 Madison Street |
| Maintenance Facility | 3540 Wheeler Avenue |

## SCHOOLS CAPITAL IMPROVEMENT PROGRAM

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Schools Capital Improvement Program | Essential | | Schools |

Project Summary: This project provides funding for the Alexandria City Public Schools (ACPS) Capital Improvement Program (CIP).

Project Description: On January 5, 2006, the School Board adopted its six-year Capital Improvement Program (CIP), in the amount of $97,893,285. The Board's adopted six-year CIP of $97.9 million represents an decrease of $9.9 million, or 9.2 percent as compared to the CIP the School Board adopted for the six-year period last year and the Schools' CIP approved by City Council as part of the City's Approved FY 2006-FY 2011 CIP.

The Proposed City CIP for FY 2007-FY 2012 includes $87,201,035 to fully fund the Schools' adopted CIP through FY 2008 and partially fund the School Board's request from FY 2009 through FY 2012. The City does not include a total of $10.6 million over two years (FY 2009 - FY 2010) for the renovation and expansion of the Minnie Howard Ninth Grade Center. The original, approved project budget for Minnie Howard is reflected in FY 2009 - FY 2010. As the project nears initiation, trends in construction costs and enrollment are better known, funding will be identified in a future CIP.

The School Board's adopted FY 2007 - FY 2012 CIP requests the following funding:

FY 2007: $24,110,640 including $19.5 million to continue the construction of the new T.C. Williams High School; $2.0 million for the replacement of the central boilers, heating, ventilation and air conditioning (HVAC systems, lighting and sprinkler systems at F.C. Hammond Middle School; $0.6 million for the replacement of older school buses, expansion of the bus fleet and phased replacement of other school vehicles; and $2.0 million for other Schools' projects.

FY 2008: $16,249,275 including $10.0 million to continue the construction of the new T.C. Williams High School; $2.0 million to begin the replacement of major building systems infrastructure at John Adams Elementary School, including the replacement of the central boilers, the domestic hot water system, the HVAC system, fire alarm system, sprinkler system and the upgrade of the electric power systems; $0.8 million for improvements at the School Maintenance and Transportation Facility including the upgrade of the electric power systems, lighting systems and plumbing systems in all three facility buildings; $0.6 million of the phased replacement of older school buses, expansion of the bus fleet and the phased replacement of other school vehicles; $0.4 million for the replacement of the lighting systems and HVAC systems at the Schools' Rowing Facility; and $2.4 million for other Schools' projects.

## SCHOOLS CAPITAL IMPROVEMENT PROGRAM

FY 2009: $14,945,083 (represents a decrease of $5.3 million compared to the Schools' Adopted CIP). The monies budgeted in FY 2009 for the renovation and expansion of the Minnie Howard Ninth Grade Center project adopted by the School Board ($10.1 million) has been reduced by $5.3 million to reflect the original, City Council approved project budget, pending further analysis of future construction costs and enrollment trends. The $14.9 million budgeted in FY 2009 of the City proposed FY 2007 - FY 2012 CIP includes $4.8 million for renovations and the expansion of the Minnie Howard School; $4.4 million to continue the replacement of major building systems infrastructure at John Adams Elementary School; $1.3 million for a new classroom addition at Patrick Henry Elementary School that will link the two existing classroom wings, creating a new courtyard and facilitating access throughout the building; $0.6 million for the phased replacement of older school buses, expansion of the bus fleet and the phased replacement of other school vehicles; $0.4 million for the planned gymnasium addition at James K. Polk Elementary School which will replace the current multi-purpose room which will allow for the expansion of the cafeteria and new classrooms top replace the current trailers on site; and $3.4 million for other Schools' projects.

FY 2010: $15,128,748 (represents a decrease of $5.3 million as compared to the Schools Adopted CIP). The monies budgeted in FY 2010 for the renovation and expansion of the Minnie Howard Ninth Grade Center project adopted by the School Board ($10.1 million) has been reduced by $5.3 million to reflect the original, City Council approved project budget, pending further analysis of future construction costs and enrollment trends. The $15.1 million budgeted in FY 2010 of the City's proposed FY 2007-FY 2012 CIP includes $4.8 million to continue the renovations and expansion of the Minnie Howard School; $2.9 million for the addition of an elevator, ADA upgrades, a new sprinkler system, replacement of the fire alarm system and expansion of the parking lot at James K. Polk Elementary School; $1.4 million for the addition of a elevator, administration office renovations and the upgrade of the main entry area at Cora Kelly School for Math, Science and Technology; $0.9 million for the addition of a classroom to replace the existing trailer classrooms at Cora Kelly; $0.6 million for the replacement of the roof at Francis C. Hammond Middle School; $0.6 million for the phased replacement of older school buses, expansion of the bus fleet and the phased replacement of older school vehicles; and $3.8 million in other Schools' projects.

FY 2011: $10,468,583 for Schools' projects.

FY 2012: $6,298,706 for Schools' projects.

For more detailed information on Schools capital projects as adopted by the School Board, please see the following pages entitled *FY 2007 - FY 2012 CIP Budget Request as Adopted by the School Board*. The full Alexandria City Public Schools Approved Capital Improvement Budget 2006-2007 document is available from the ACPS Office of the Executive Director for Finance and Technology, 2000 North Beauregard Street, Alexandria, Virginia (telephone: 703/824-6643).

## SCHOOLS CAPITAL IMPROVEMENT PROGRAM

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| SCHOOLS | 25,229,286 | 24,110,640 | 16,249,275 | 14,945,083 | 15,128,748 | 10,468,583 | 6,298,706 | 112,430,321 |
| TOTAL PROJECT | 25,229,286 | 24,110,640 | 16,249,275 | 14,945,083 | 15,128,748 | 10,468,583 | 6,298,706 | 112,430,321 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 25,229,286 | 24,110,640 | 16,249,275 | 14,945,083 | 15,128,748 | 10,468,583 | 6,298,706 | 112,430,321 |

# FY 2007 – FY 2012 CIP Budget As Adopted By The School Board

## CIP BUDGET SUMMARY BY PROJECT FOR FY 2007-2012

| SCHOOL PROJECTS | APPROVED FY 2006 | PROPOSED FY 2007 | PROPOSED FY 2008 | PROPOSED FY 2009 | PROPOSED FY 2010 | PROPOSED FY 2011 | PROPOSED FY 2012 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| JOHN ADAMS | 0 | 0 | 1,974,070 | 4,092,158 | 0 | 0 | 0 | **6,066,228** |
| CHARLES BARRETT | 0 | 0 | 0 | 50,000 | 0 | 630,230 | 378,950 | **1,059,180** |
| LYLES-CROUCH | 0 | 0 | 0 | 0 | 0 | 0 | 382,709 | **382,709** |
| PATRICK HENRY | 0 | 0 | 382,885 | 267,325 | 0 | 113,600 | 0 | **763,810** |
| JEFFERSON-HOUSTON | 275,000 | 0 | 0 | 0 | 60,000 | 1,299,551 | 0 | **1,359,551** |
| CORA KELLY | 0 | 0 | 0 | 129,420 | 1,441,600 | 0 | 0 | **1,571,020** |
| DOUGLAS MACARTHUR | 640,000 | 367,000 | 231,600 | 395,754 | 0 | 0 | 390,610 | **1,384,964** |
| GEORGE MASON | 0 | 0 | 256,740 | 0 | 37,000 | 733,777 | 0 | **1,027,517** |
| MAURY | 15,000 | 0 | 0 | 0 | 0 | 113,600 | 0 | **113,600** |
| JAMES POLK | 0 | 0 | 102,000 | 370,965 | 2,945,051 | 1,940,801 | 0 | **5,358,817** |
| WILLIAM RAMSAY | 200,000 | 0 | 0 | 0 | 0 | 1,311,200 | 510,995 | **1,822,195** |
| MOUNT VERNON | 120,000 | 0 | 0 | 0 | 334,801 | 0 | 793,622 | **1,128,423** |
| SAMUEL TUCKER | 0 | 0 | 0 | 0 | 0 | 367,654 | 0 | **367,654** |
| F. C. HAMMOND | 450,000 | 2,000,000 | 0 | 281,020 | 610,200 | 330,000 | 0 | **3,221,220** |
| GEORGE WASHINGTON | 460,000 | 0 | 0 | 287,790 | 369,900 | 0 | 665,720 | **1,323,410** |
| MINNIE HOWARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| T. C. WILLIAMS/STEP | 0 | 0 | 0 | 0 | 0 | 220,000 | 0 | **220,000** |
| FISCAL YEAR TOTAL | **2,160,000** | **2,367,000** | **2,947,295** | **5,874,432** | **5,798,552** | **7,060,413** | **3,122,606** | **27,170,298** |

| EDUCATIONAL SUPPORT | APPROVED FY 2006 | PROPOSED FY 2007 | PROPOSED FY 2008 | PROPOSED FY 2009 | PROPOSED FY 2010 | PROPOSED FY 2011 | PROPOSED FY 2012 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| MAINT & TRANSPORTATION FACILITY | 350,000 | 200,000 | 758,390 | 0 | 136,885 | 0 | 0 | **1,095,275** |
| FURNITURE, FIXTURES & EQUIPMENT | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | **3,000,000** |
| SCHOOL FOOD SERVICE EQUIPMENT | 0 | 0 | 0 | 100,000 | 100,000 | 100,000 | 100,000 | **400,000** |
| BUSINESS CONTINUITY/HOT SITE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| SCHOOL BUS 2-WAY RADIO SYSTEM | 0 | 0 | 0 | 0 | 360,000 | 0 | 0 | **360,000** |
| BUS REPLACEMENT | 476,000 | 481,000 | 486,000 | 491,000 | 496,000 | 501,000 | 506,000 | **2,961,000** |
| VEHICLE REPLACEMENT | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | **600,000** |
| EDUCATIONAL SUPPORT TOTAL | **1,426,000** | **1,281,000** | **1,844,390** | **1,191,000** | **1,692,885** | **1,201,000** | **1,206,000** | **8,416,275** |

Note: Approved FY 2006 funding is not included in the Total column.

# FY 2007 – FY 2012 CIP Budget As Adopted By The School Board

## CIP BUDGET SUMMARY BY PROJECT FOR FY 2007-2012

| GENERAL MAINTENANCE | APPROVED FY 2006 | PROPOSED FY 2007 | PROPOSED FY 2008 | PROPOSED FY 2009 | PROPOSED FY 2010 | PROPOSED FY 2011 | PROPOSED FY 2012 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| RENOVATIONS | 450,000 | 450,000 | 450,000 | 525,000 | 525,000 | 525,000 | 525,000 | **3,000,000** |
| LANDSCAPING RENEWAL | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 75,000 | **400,000** |
| BUILDING SYSTEMS | 300,000 | 300,000 | 300,000 | 490,000 | 350,000 | 350,000 | 350,000 | **2,140,000** |
| GENERAL MAINTENANCE TOTAL | **800,000** | **800,000** | **800,000** | **1,090,000** | **950,000** | **950,000** | **950,000** | **5,540,000** |

| NEW CONSTRUCTION PROJECTS | APPROVED FY 2006 | PROPOSED FY 2007 | PROPOSED FY 2008 | PROPOSED FY 2009 | PROPOSED FY 2010 | PROPOSED FY 2011 | PROPOSED FY 2012 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CHARLES BARRETT CLASSROOM ADDITION | 0 | 0 | 0 | 0 | 0 | 820,050 | 0 | **820,050** |
| PATRICK HENRY CLASSROOM ADDITION | 0 | 0 | 0 | 1,247,400 | 0 | 0 | 0 | **1,247,400** |
| CORA KELLY CLASSROOM ADDITION | 0 | 0 | 0 | 90,450 | 904,500 | 0 | 0 | **994,950** |
| MACARTHUR CLASSROOM ADDITION | 0 | 0 | 0 | 0 | 0 | 0 | 870,100 | **870,100** |
| JAMES POLK GYM ADDITION | 0 | 0 | 120,600 | 446,000 | 760,000 | 0 | 0 | **1,326,600** |
| MINNIE HOWARD ADDITION * | 0 | 0 | 0 | 10,139,926 | 10,139,926 | 0 | 0 | **20,279,852** |
| T. C. WILLIAMS PROJECT ** | 21,834,095 | 19,497,640 | 10,024,150 | 0 | 0 | 0 | 0 | **29,521,790** |
| NEW CONSTRUCTION PROJECTS TOTAL | **21,834,095** | **19,497,640** | **10,144,750** | **11,923,776** | **11,804,426** | **820,050** | **870,100** | **55,060,742** |

| MISCELLANEOUS | APPROVED FY 2006 | PROPOSED FY 2007 | PROPOSED FY 2008 | PROPOSED FY 2009 | PROPOSED FY 2010 | PROPOSED FY 2011 | PROPOSED FY 2012 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ROWING FACILITY | 100,000 | 0 | 347,840 | 62,000 | 79,010 | 287,120 | 0 | **775,970** |
| CITY MANDATES | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | **800,000** |
| CITY PREREQUISITES | 65,000 | 65,000 | 65,000 | 0 | 0 | 0 | 0 | **130,000** |
| MISCELLANEOUS TOTAL | **265,000** | **165,000** | **512,840** | **212,000** | **229,010** | **437,120** | **150,000** | **1,705,970** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GRAND TOTAL | **26,485,095** | **24,110,640** | **16,249,275** | **20,291,208** | **20,474,873** | **10,468,583** | **6,298,706** | **97,893,285** |

**Note: Approved FY 2006 funding is not included in the Total column.**

# Northern Virginia Community College (NVCC)

## NORTHERN VIRGINIA COMMUNITY COLLEGE

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| City Contribution for Capital Improvements | Essential | Not applicable | Office of Management and Budget |

Project Summary: The Northern Virginia Community College (NVCC) is a two-year college serving Alexandria and Northern Virginia. The college's five campuses are located in Annandale, Alexandria, Loudoun County, Manassas and Woodbridge. Each of the nine participating Northern Virginia jurisdictions (Arlington, Fairfax, Loudoun, and Prince William Counties; and the Cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park) pays a portion of the operating and capital costs for the college.

Project Description: This project provides for Alexandria's proportionate share of the college's total locally-funded capital costs, estimated at $2,004,500 in FY 2007, which is determined by a formula based on the population of each of the nine participating jurisdictions. NVCC's proportionate share formula is a per-capita allocation formula. The formula translates into approximately $1.00 per resident. The FY 2007 NVCC requested City payment of $134,200, or 6.7 percent of the total, represents a decrease of $2,900 compared to the FY 2006 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.

Change in Project from Prior Years:

- A decrease of $2,900 in the amount budgeted in FY 2007 for the City's share of the NVCC's capital costs. This increase 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.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONTRIBUTIONS | 0 | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 805,200 |
| TOTAL PROJECT | 0 | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 805,200 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 134,200 | 805,200 |

# Libraries

## LIBRARIES

| | |
|---|---|
| Barrett Library | 717 Queen Street |
| Duncan Library | 2501 Commonwealth Avenue |
| Beatley Library | 5005 Duke Street |
| Burke Library | 4701 Seminary Road |

## LIBRARIES

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Beatley Library | Very desirable | 40 years | General Services |
| Duncan Library | Very desirable | 40 years | General Services |

Project Summary: This project provides for the capital maintenance of the City's branch library facilities. Funding is also included to proceed with modifications to the branch library facilities as recommended in the Library Service Needs Assessment and Facilities Report, adopted by the Library Board on October 17, 1994.

Duncan Library: Construction of the 5,300 square foot expansion of the Duncan Branch Library was completed and the branch was re-opened on September 22, 2005. This expansion was in response to community growth, need and significant overcrowding at the facility. Duncan Library currently serves Potomac West and the North Ridge/Rosemont area, which comprises approximately 29 percent of the City's population.

The incorporation and start-up of "Green Roof" technology to the Duncan Library expansion is currently underway. The "Green Roof" will function as a permeable surface that will filter dust and other particulates from rainfall while retaining a portion of the water to sustain the rooftop plants. Duncan currently shares a parking lot with Mount Vernon Elementary School, whose students also use the facility. The "Green Roof" technology will provide educational opportunities for the students at the adjoining school.

Beatley Library: A total of $215,000 remains budgeted over two years (prior year unallocated and FY 2008) for minor repairs and improvements at Beatley Library including $100,000 in prior year unallocated monies to provide interior lighting improvements at the library; $15,000 in prior year unallocated monies to provide for a more secure garden area entrance to the building; and $100,000 in FY 2008 for interior painting. The Beatley Library is the most heavily used in the library system and experiences accelerated wear when compared to other lesser used branches.

Change in Project from Prior Years:

- There has been no change in funding for this project.

## LIBRARIES

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY +5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| BEATLEY LIBRARY | 115,000 | 0 | 100,000 | 0 | 0 | 0 | 0 | 215,000 |
| TOTAL PROJECT | 115,000 | 0 | 100,000 | 0 | 0 | 0 | 0 | 215,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 115,000 | 0 | 100,000 | 0 | 0 | 0 | 0 | 215,000 |

# Community Development

## COMMUNITY DEVELOPMENT

| | |
|---|---|
| Mount Vernon Avenue Improvements | Mount Vernon Avenue between Bellefonte and Nelson Avenues |
| Municipal Waterfront Improvements | Potomac Waterfront at the Torpedo Factory Plaza & South Waterfront Area, which includes Jones Point, the Ford Plant & City Marina |
| Route 1 Beautification | Route 1 along Potomac Yard |
| Woodrow Wilson Bridge | Old Town Alexandria, South Washington Street |
| Four Mile Run | Four Mile Run along the Alexandria City Line |
| City Marina Waterfront Dredging | Potomac River from the Torpedo Factory to Founders Park |
| Samuel Madden Homes Downtown | Bound by Pendleton, Prince, North Royal and North Pitt Streets |
| Redevelopment of Arlandria | Mt. Vernon Avenue and West Glebe Road Area |
| City Signage Program | City-Wide |
| Street Cans | City-Wide |

## DOWNTOWN TRANSPORTATION/PARKING

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| No current project | Desirable | Not applicable at this time | T&ES |

Project Summary: 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. Its operations are contracted for by the City.

Although there are no new parking projects currently being actively planned, a nominal sum remains budgeted as a placeholder in the out year (FY 2012) 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.

Change in Project from Prior Fiscal Years:

- There has been no change in placeholder funding for this capital project.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ENGINEERING & PLANS | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| TOTAL PROJECT | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |

## MOUNT VERNON AVENUE IMPROVEMENTS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Undergrounding/ Streetscaping | Desirable | Permanent | T&ES |

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

Project Description: This project has contributed to the revitalization of the Mt. Vernon Avenue commercial corridor by helping to define the architectural character of the area and encourage private investment. 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

Construction of Phase Five, which includes Mount Vernon Avenue between Bellefonte Avenue and Nelson Avenue, started in July 2004 and the installation of wiring, removal of poles and streetscaping is ongoing and is scheduled to be completed in Spring 2006. $5,000 is budgeted in the out-year (FY 2012) in the event that additional improvements on Mount Vernon Avenue are required in a future CIP.

Project Costs to Date: The total allocated to date for Mt. Vernon Avenue Improvements is $10,003,854.

Change in Project from Prior Fiscal Years:

- $5,000 is budgeted in the out-year (FY 2012) in the event that additional improvements on Mount Vernon Avenue are required in a future CIP.

## MOUNT VERNON AVENUE IMPROVEMENTS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY +1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY +4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| UNDERGROUND-/STREETSCAPING | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| TOTAL PROJECT | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |

## MUNICIPAL WATERFRONT IMPROVEMENT PROGRAM

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Waterfront Park Improvements | Desirable | 25 years | T&ES |

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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 improvements to Waterfront Park, lower King Street, and the South Waterfront area, which includes Jones Point, the Ford Plant and the Old Town Yacht Basin.

Waterfront Park Improvements: In October 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 than the current configuration of fire hydrants that only provides fire fighters with limited access to the waterfront.

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 budgeted in FY 2003 and allocated to complete the improvements. This waterfront improvement work was completed in FY 2003.

New Waterfront Planning Process: In Spring 2006, a new planning process will be initiated for the area along the waterfront (through the area known as "The Strand" between Duke and King Streets). This proposed CIP does not contain funding for the implementation of the results of the planning process except for land acquisition funds included in the Open Space/Land Acquisition element of this CIP.

Project Costs to Date: The total allocated to date for the Municipal Waterfront Improvement Program is $3,136,180.

Change In Project From Prior Fiscal Years:

- A placeholder of $5,000 in FY 2012 is included in this CIP.

# MUNICIPAL WATERFRONT IMPROVEMENT PROGRAM

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY +4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| WATERFRONT IMPROVEMENTS | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| TOTAL PROJECT | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |

## ROUTE 1 BEAUTIFICATION

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Landscaping | Desirable | 20 years, absent storm damage | T&ES/ Recreation |

Project Summary: This project provides funding for safety and beautification improvements along Route 1 (Jefferson Davis Highway) to coincide with 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 Streets and Bridges section of the CIP document.

Project Description: $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.

Change in Project from Prior Fiscal Years:

- There has been no change in funding for this project.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| TREE PLANTING | 20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 20,000 |
| TOTAL PROJECT | 20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 20,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 20,000 |

## WOODROW WILSON BRIDGE PROJECT

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Mitigation Modifications for Reduced Urban Deck | Essential | 40 years | T&ES |

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 (Urban Deck) which was to be built as a part of the Woodrow Wilson Bridge Project (Project). The Urban Deck was included in the Settlement Agreement between the City of Alexandria and the United States Department of Transportation ("the Agreement"), 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. Contract awards for these projects have been delayed while VDOT and the City work to assure that the bidding processes are considered with new FHWA regulations. The City is currently moving forward with land acquisition and the procurement of design and program management services.

For those projects, $30.5 million has been reallocated to fund the modifications requested by the City, with another $4.8 million held in reserve to complete site remediation efforts, if needed, for a total of $35.3 million. The agreement also provides funding for any equipment required by the City to maintain the projects included in the modifications of the agreement with FHWA and VDOT.

Details of the Projects Approved by FHWA and VDOT:

Recreation ($22,782,929): The recreational outdoor facilities will be located at a site (the "Witter Tract") that will be 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 ($6,542,806): The two improved commercial properties on the site of the Freedmen's Cemetery will be acquired and enhanced to complement the features outlined in the Agreement, including a fitting memorial to Freedmen's Cemetery. Enhancements currently contemplated include careful and reasonable re-grading of the acquired properties consistent with the need to preserve existing grave sites, appropriate landscaping, 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.

## WOODROW WILSON BRIDGE PROJECT

Streetscape Improvements ($4,862,860): The City's objective for Streetscape Improvements, is to uniformly upgrade South Washington Street, north of the Wilson Bridge overpass (Urban Deck), in a manner that is both effective for moving traffic and compatible with the historic nature of Old Town. The basic components of the proposed streetscape are a uniform street width with continuous curb lines, intersection treatments, minimization of vehicular/pedestrian conflicts, and appropriate street furniture. Additionally, the goal is to divide the curb-to-building frontage area on either side of the street into three zones: (a) building access and architecture, (b) pedestrian uses, and (c) transition from sidewalk to curb including street furniture, utilities, and landscaping.

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 Tract.

Gateway ($85,000): Funding for the Gateway was initially to include the Urban Deck portion of the Settlement Agreement. A portion of that funding ($85,000) has been deleted from the VDOT responsibility and made available to the City to be applied to the construction of the gateway.

Local Neighborhood Improvements: This element of the program, proposed to compensate for unmitigated traffic noise impacts, was funded at $500,000. The funding was credited to the cost of providing a noise barrier on the north side of the new bridge, which effectively mitigated the noise impact.

Change In Project From Prior Fiscal Years:

- The $500,000 for Local Neighborhood Improvements has been deleted from the project funding as it was credited toward bridge noise barrier costs;
- Gateway funding, totaling $85,000 has been added to the project total; and
- Funding has been revised to reflect the August 27, 2001 letter modification to the Settlement Agreement budget.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONSTRUCTION | 19,325,000 | 6,286,000 | 5,093,000 | 4,869,000 | 0 | 0 | 0 | 35,573,000 |
| TOTAL PROJECT | 19,325,000 | 6,286,000 | 5,093,000 | 4,869,000 | 0 | 0 | 0 | 35,573,000 |
| LESS REVENUES | 19,325,000 | 6,286,000 | 5,093,000 | 4,869,000 | 0 | 0 | 0 | 35,573,000 |
| NET CITY SHARE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## STREAMS MAINTENANCE AND WATERFRONT DREDGING

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Stream and Channel Maintenance | Essential | 1 year | T&ES |
| Four Mile Run Channel Maintenance | Essential | 3 years | T&ES |
| Four Mile Run Force Main | Essential | Not Estimated | T&ES |
| Four Mile Run Park/Stream Restoration | Essential | Not Estimated | Recreation |
| City Marina Waterfront Dredging | Very Desirable | 5 years | T&ES |

Project Summary: This project provides for the dredging program for the Alexandria waterfront and for maintaining streams and channels throughout the City.

City Marina Waterfront Dredging: In FY 1996, City Council approved the allocation of $628,100 for the dredging of the waterfront marina from the Torpedo Factory to Founders Park. In FY 2003, the City Marina area once again required dredging due to accumulation of silt, reducing the number of boat slips available for rental. In September 2002, $750,000 was allocated to dredge the City marina area for a second time. In FY 2004, $120,000 was allocated to conduct a siltation study to examine and develop methods by which siltation may be minimized, and possibly extend the dredging cycle from an average of six years to an average of ten years. Based on the results of the siltation study, it was determined that it was not feasible to extend the dredging cycle, however it was determined that the additional dredging could be deferred until FY 2008. Therefore, the $380,000 budgeted in FY 2007 to be used for additional dredging has been moved to FY 2008 and in order to fully fund this additional dredging, an additional $520,000 was budgeted in FY 2008 for a total of $900,000.

Stream and Channel Maintenance: This subtask includes an annual capital maintenance budget to maintain various streams and channels throughout the City to preserve their capacity to carry the 100 year flood water. A total of $300,000 per year (FY 2007-FY 2012) is budgeted for on-going maintenance to keep the streams and channels clear of debris and siltation and maintain the 100 year flood capacity.

Four Mile Run Maintenance: This subtask reflects the City's share of the Four Mile Run Channel Maintenance agreement with Arlington County. The City's share was budgeted at $100,000 per year, up to a maximum of $900,000. Discussion are ongoing with the U.S. Army Corps of Engineers regarding the extent of the channel maintenance activities that may need to be completed. Based on initial estimates, an additional $300,000 has been budgeted in FY 2007 to fund the City's share of the cost to maintain the Four Mile Run Channel based on the City's agreement with Arlington County.

## STREAMS MAINTENANCE AND WATERFRONT DREDGING

Four Mile Run Force Main: In order to reduce sanitary sewer overflows from the Four Mile Run sewer shed, the Potomac Yard development project included a provision for the construction of a force main to divert flows from the Four Mile Run pump station to the Potomac Yard interceptor, which has been constructed with excess capacity. Because this force main benefits the City and not the development project, the City has agreed to reimburse the developer for 50 percent of the cost. A total of $1.2 million has been budgeted in FY 2007 for this project (developer contribution of $674,800 and a City share of $552,019.)

Four Mile Run Park and Stream Restoration: A total for $1.5 million in State and Tribal Assistant Grant (STAG) funds has been awarded to the City and Arlington County to develop and implement innovative ways to restore the urbanized stream channel. Considerable work has already begun with the initial $1.0 million Environmental Protection Agency (EPA) grant that was awarded to the City. This new $1.5 million grant ($750,000 over two years) requires an equal match of $600,000 from both the City and Arlington County. This grant will ensure that the restoration efforts of Four Mile Run will continue.

Change In Project From Prior Fiscal Years:

- $380,000 budgeted in FY 2007 for additional dredging has been moved to FY 2008 and an additional $520,000 has also been budgeted in FY 2008 for a total of $900,000 for additional waterfront dredging.

- Annual funding for stream and channel maintenance, in the amount of $300,000 has been extended to FY 2012.

- An additional $300,000 has been budgeted in FY 2007 pursuant with the Four Mile Run Channel Maintenance Agreement with Arlington County and based on discussions with the U.S. Army Corps of Engineers regarding the extent of channel maintenance activities that need to be completed.

- A total of $1.2 million has been budgeted in FY 2007 with a developer contribution of $674,800 and a City share of $552,019 for the construction of a force main to divert flows from the Four Mile Run pump station to the Potomac Yard interceptor.

- $1.5 million in State and Tribal Assistant Grant (STAG) funds has been awarded to the City and Arlington County to develop and implement innovative ways to restore the urbanized stream channel. The required $600,000 in City matching funds is also budgeted.

## STREAMS MAINTENANCE AND WATERFRONT DREDGING

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY +5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| STREAM/CHANNEL MAINTENANCE | 470,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 2,270,000 |
| FOUR MILE RUN MAINTENANCE | 600,000 | 300,000 | 0 | 0 | 0 | 0 | 0 | 900,000 |
| FOUR MILE RUN FORCE MAIN | 0 | 1,226,819 | 0 | 0 | 0 | 0 | 0 | 1,226,819 |
| FOUR MILE RUN PARK/STREAM RESTORATION | 0 | 1,050,000 | 1,050,000 | 0 | 0 | 0 | 0 | 2,100,000 |
| CITY MARINA WATERFRONT DREDGING | 20,000 | 0 | 900,000 | 0 | 0 | 0 | 0 | 920,000 |
| TOTAL PROJECT | 1,090,000 | 2,876,819 | 2,250,000 | 300,000 | 300,000 | 300,000 | 300,000 | 7,416,819 |
| LESS REVENUES | 0 | 1,424,800 | 750,000 | 0 | 0 | 0 | 0 | 2,174,800 |
| NET CITY SHARE | 1,090,000 | 1,452,019 | 1,500,000 | 300,000 | 300,000 | 300,000 | 300,000 | 5,242,019 |

## LOWER KING STREET FLOOD MITIGATION

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Lower King St Flood Mitigation | Desirable | 25 years, absent storm damage | T&ES |

Project Summary: This project provides for a comprehensive study for flood mitigation in the lower King Street commercial and retail area.

Project Description: 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 work week 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 or the costs of water damage to businesses. This study will address alternative methods for mitigating the impact of such flooding and minimizing the number of events. The study will also recommend the flood level to which mitigation will protect.

$500,000 was allocated in FY 2005 for a comprehensive study for flood mitigation in the lower King Street commercial and retail area. The study will be conducted starting in FY 2006. It is expected that a mitigation plan and project costs will be developed in approximately one year following completion of the study. $5,000 is budgeted in the out-year (FY 2012) in the event that additional funds are required in a future CIP to implement the results of the study.

Change In Project From Prior Fiscal Years:

- $5,000 is budgeted in the out-year (FY 2012) in the event that additional funds are required in a future CIP to implement the results of the study.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY +5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| LOWER KING ST FLOOD MITIGATION | 0 | 0 | TBD | TBD | 0 | 0 | 5,000 | 5,000 |
| TOTAL PROJECT | 0 | 0 | TBD | TBD | 0 | 0 | 5,000 | 5,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |

## SAMUEL MADDEN HOMES DOWNTOWN REDEVELOPMENT

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| No current project | Desirable | 40+ years | Alexandria Redevelopment and Housing Authority (ARHA) |

Project Summary: In the fall of FY 2001, the City Council and the Alexandria Redevelopment and Housing Authority (ARHA) agreed to redevelopment guidelines for the Samuel Madden Homes (Downtown) (SMHD) housing redevelopment project. 100 units of existing public housing are in the process of being replaced with152 housing units (100 will be for-sale market rate units and 52 will be public housing units). The 52 public housing units at the new Chatham Square development have been completed. Most of the units are currently occupied. The units that remain vacant are required to be occupied by a wheelchair user. The 48 remaining replacement public housing units will be constructed at three scattered sites in the City (Braddock Road, Reynolds Street and Whiting Street). Of these 48 units, six units at the Braddock Road site are completed and occupied. The 18 units at the South Reynolds Street site and the 24 units at the South Whiting Street site were issued temporary certificates in 2005.

In order to finance this major project, a combination of federal HOPE IV funds, land sale proceeds, federal housing tax credits, and other federal and State funds are contemplated. City support has been provided as needed. At this time, the City has provided, via a contingent grant, some $4.2 million ($2.0 million from the City's Housing Trust Fund and $2.2 million from the City's CIP fund) to assist in the purchase of 325 S. Whiting Street and in the funding of the SMHD construction escrow account. These grant funds are contemplated to be repaid in FY 2006 based on project funding and timing conditions.

Change in Project from Prior Fiscal Years:

- There has been no change in funding for this project.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ENGINEERING & PLANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PROJECT | 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 |

## REDEVELOPMENT OF ARLANDRIA

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Pedestrian Improvements | Essential | 40+ years | Planning/T&ES |

Project Summary: Over the last year, an extensive community-based planning process has resulted in a redevelopment vision for a key commercial block of the Arlandria neighborhood. This block near the intersection of Mount Vernon Avenue and West Glebe Road is sometimes referred to as the "Safeway-Datatel" block. If redeveloped, this block would be the keystone in the revitalization of the Arlandria area. In order to accomplish this, land consolidation as well as the construction of a public parking facility have been envisioned in the planning process. More details about this project are contained in the Upper Potomac West Task Force Report (dated June 26, 2001). To begin this long-term redevelopment process, $2.0 million in funding, primarily for land acquisition, was approved for FY 2003.

In FY 2003, the balance required for the acquisition of the Datatel Building, its demolition and the construction of a surface parking lot on the site was allocated. The parking lot was completed and opened in FY 2005. $100,000 was allocated in FY 2004 for pedestrian improvements in the Arlandria area (Landover Path).

A total of $850,000 was budgeted for additional improvements in Arlandria, including pedestrian bulb-outs and crosswalks along Mt. Vernon Avenue and West Glebe Road; the installation of speed tables on Four Mile Run and Old Dominion Boulevard; and the installation of pavers along sidewalks on Bruce Street. $350,000 of the total was allocated in FY 2006 to begin the implementation of pedestrian improvements along Mt. Vernon Avenue. $500,000 remains budgeted in FY 2007 to complete the remaining pedestrian improvements in the Arlandria area.

Change in Project from Prior Fiscal Years:

- There has been no change in funding for this project.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ARLANDRIA IMPROVEMENTS | 0 | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| TOTAL PROJECT | 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 |

## CITY SIGNAGE PROGRAM

| Subtasks | Priority | Estimated Life of Improvement | Project Manager |
|---|---|---|---|
| Coordinated Sign and Wayfinding System | Desirable | Not Applicable | Planning/T&ES |
| Residential Neighborhood Sign Program | Desirable | Not Applicable | Planning/T&ES |

Project Summary: This new project category provides funding for the design and implementation of a signage, wayfinding and identity system for residential neighborhoods City-wide.

Coordinated Sign and Wayfinding System: A total of $2.3 million over two years ($400,000 in unallocated prior year monies; and $1.9 million in FY 2008)has been budgeted for the design and implementation of a City-wide coordinated sign and wayfinding system. $900,000 originally budgeted in FY 20007 has been moved back to FY 2008 to better reflect the project schedule and recognize that $400,000 in unallocated prior year monies remain available for FY 2006 and FY 2007 activities. A study undertaken by the City to evaluate the need for a visitors' center concluded that a major weakness in the City is an ineffective and inadequate sign program to direct visitors around the City, including informational and directional signs for visitors, as well as citizens. As a result of the need to be more proactive in orienting and informing visitors and citizens, motivating them to visit historic sites, and making the navigation of the City easier, a coordinated signage and wayfinding program was recommended. This project would provide 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. Tourism is a significant economic component and revenue source for the City and it has become increasingly important to ensure that visitors, as well as local area residents can locate the City's attractions and destinations in an effective manner.

Residential Neighborhood Sign Program: A total of $240,000 ($24,000 in prior year unallocated monies; $72,000 in FY 2008 and $36,000 per year from FY 2009-FY 2012) has been budgeted to provide identity signage at prominent entrances to residential neighborhoods. $36,000 originally budgeted in FY 2007 has been moved back to FY 2008 to better reflect the project schedule and recognize that $24,000 in unallocated prior year monies remain available for FY 2006 and FY 2007 activities. 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, that would be selected from interested neighborhoods, would be conducted. In future years, it is envisioned that staff would 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. The specific guidelines are being developed, including a specified design pallette of sign characteristics and sizes, criteria for the selection of neighborhoods and standards for the placement of signs. This program is being initiated due to the number of community requests that have been made for such signage. Prior to the initiation of this program, a detailed program will be drafted, community input will be obtained and a proposed policy will be docketed for City Council consideration.

## CITY SIGNAGE PROGRAM

Change in Project from Prior Fiscal Years:

- $900,000 originally budgeted in FY 2007 for the Coordinated Sign and Wayfinding System has been moved back to FY 2008 to better reflect the project schedule and recognize that $400,000 in unallocated prior year monies remain available; and

- $36,000 originally budgeted in FY 2007 for the Residential Neighborhood Sign Program has been moved back to FY 2008 to better reflect the project schedule and recognize that $24,000 in unallocated prior year monies remain available.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| COORDINATED WAYFINDING SYSTEM | 400,000 | 0 | 1,900,000 | 0 | 0 | 0 | 0 | 2,300,000 |
| RESIDENTIAL SIGN PROGRAM | 24,000 | 0 | 72,000 | 36,000 | 36,000 | 36,000 | 36,000 | 240,000 |
| TOTAL PROJECT | 424,000 | 0 | 1,972,000 | 36,000 | 36,000 | 36,000 | 36,000 | 2,540,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 424,000 | 0 | 1,972,000 | 36,000 | 36,000 | 36,000 | 36,000 | 2,540,000 |

## STREET CANS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Street Can Replacement | Essential | 20 years | T&ES |

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

Project Description: A total of $470,000 was budgeted for the replacement of old and damaged street cans with new ornamental street cans City-wide. Operating budget funding for the replacement of cans has been piecemeal over the last few years, but with this CIP a specific, adequate level of funding and a three-year full CIP implementation has been approved. The replacement plan for FY 2006 ($100,000 in funding) includes King Street between the waterfront and the King Street Metro Station, the entire length of Washington Street and Duke Street from the City's western boundary to Callahan Drive. In FY 2007, street cans on the remaining portion of Duke Street and on the entire length of Mount Vernon Avenue will be replaced. Also in FY 2007, cans will begin to be replaced on a City-wide basis, starting from the outer boundaries of the City and working toward Old Town. The City-wide replacement program is scheduled to be completed in FY 2008. $353,000 remains budgeted over two years (FY 2007 and FY 2008) to complete the replacement of the City's street cans.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| STREET CANS | 0 | 168,000 | 185,000 | 0 | 0 | 0 | 0 | 353,000 |
| TOTAL PROJECT | 0 | 168,000 | 185,000 | 0 | 0 | 0 | 0 | 353,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 168,000 | 185,000 | 0 | 0 | 0 | 0 | 353,000 |

# Recreation, Parks and Cultural Activities

## RECREATION, PARKS AND CULTURAL ACTIVITIES

### Recreation Centers

| | |
|---|---|
| Cora Kelly Recreation Center | 25 West Reed Avenue |
| Charles Houston Recreation Center | 905 Wythe Street |
| Patrick Henry Recreation Center | 4643 Taney Avenue |
| "Buddie" Ford Nature Center | 5750 Sanger Avenue |
| Ramsay Recreation Center | 5700 Sanger Avenue |
| Durant Center | 1605 Cameron Street |
| Lee Center And Nannie J. Lee Recreation Center | 1108 Jefferson Street |
| Mount Vernon Recreation Center | 2601 Commonwealth Avenue |

### Major Parks /1

| | |
|---|---|
| All Veteran's Park | 201 N. Latham Street |
| Angel Park | 201 W. Taylor Run Pkwy |
| Ben Brenman Park | 5000 Duke Street |
| Brookvalley Park | 5599 Holmes Run Pkwy |
| Cameron Run Regional Park | 3699 Eisenhower Avenue |
| Chinquapin Park and Center | 3210 King Street |
| Dora Kelley Park | 5700 Sanger Avenue |
| Eugene Simpson Stadium | 426 E. Monroe Avenue |
| Fort Ward Park | 4401 Braddock Road |
| Fort Williams Park | 501 Fort Williams Pkwy |
| Founders Park | 351 N. Union Street |
| Four Mile Run Park | 3700 Commonwealth Avenue |
| Jones Point Park | 1 Jones Point Drive |
| Joseph Hensley Park | 4200 Eisenhower Avenue |
| Mount Jefferson (& Greenway) Park | 2300 Jefferson-Davis Highway |
| Oronoco Bay Park | 701 N. Lee Street |
| Stevenson Park | 300 Stultz Road |
| Tarleton Run Park | 4420 A Vermont Avenue |
| Taylor Run Park | 201 W. Taylor Run Pkwy |
| Waterfront Park | 1A Prince Street |
| Windmill Hill Park | 600 Block of S. Union Street |

### Public Outdoor Pools

| | |
|---|---|
| Municipal "Old Town" Pool | 1609 Cameron Street |
| Warwick Pool | 3301 Landover Street |
| Ewald Pool | 4500 Duke Street |
| Colasanto Pool | 2704 Mt. Vernon Avenue |
| Charles Houston Pool | 901 Wythe Street |
| Nannie Lee Pool | 1108 Jefferson Street |

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/1 This list represents only the "major" parks in Alexandria. The Department of Recreation, Parks and Cultural Activities maintains over 127 parks, 17 dog parks, 45 playgrounds, 29 basketball courts, 39 tennis courts, 14 picnic shelters, 20 miles of multi-use trails, the City skate park and the City Marina.

## BIKE TRAILS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Bike Trail Construction and Maintenance | Essential | 20 years | Recreation |

Project Summary: This project provides for construction of and improvements to the bicycle trail system in the City, as reflected in the City's Master Bikeway Plan.

Project Description: Alexandria is a significant link in the area-wide bike trail system. At present, there are approximately 19 miles of off-street bikeways and 19 miles of marked on-street bikeways for a total system of 38 marked miles. On May 16, 1998, City Council approved the Bicycle Transportation and Multi-Use Trail Master Plan, prepared by the Bicycle Study Committee.

The Bicycle Transportation and Multi-Use Trail Master Plan, approved by City Council, identifies areas to develop a multi-use trail system over the next ten years totaling 85 miles. 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. Over the next ten years, the City's share of funding to implement the bicycle trail projects included in the plan is estimated at over $770,000.

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 are intended to cover the first several phases of a project to develop the Eisenhower Valley multi-use Greenway.

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.

$62,000 is budgeted annually in FY 2007 to FY 2012 for architectural design and construction of the City's new and existing bike trails. This construction funding is in addition to the annual funding of $15,000 per year in the Proposed FY 2007 - FY 2012 CIP for signage and maintenance.

Project Costs to Date: The total allocated to date for Bike Trails is $1,237,100.

Change In Project From Prior Fiscal Years:

- Annual funding of $62,000 per year for construction and $15,000 per year for maintenance and signage has been extended into FY 2012.

## BIKE TRAILS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| BIKE TRAILS | 30,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 120,000 |
| CONSTRUCTION | 124,000 | 62,000 | 62,000 | 62,000 | 62,000 | 62,000 | 62,000 | 496,000 |
| SIGNS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PROJECT | 154,000 | 77,000 | 77,000 | 77,000 | 77,000 | 77,000 | 77,000 | 616,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 154,000 | 77,000 | 77,000 | 77,000 | 77,000 | 77,000 | 77,000 | 616,000 |

## CAMERON STATION

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Planning | Desirable | Park development over 20 years | Recreation |

Project Summary: This capital project provides for improvements to the Cameron Station parks.

Project Background: The Cameron Station Military Reservation was closed in 1996, pursuant to the Base Realignment and Closure Act of 1988. While the majority of the site was sold by the federal government to Cameron Associates for residential and commercial development, approximately 63 acres of the total site was conveyed in June 1997 to the City for recreational, right-of-way, and park-related uses. Of these 63 acres, ten acres border the western side of the private developer's property (Armistead L. Boothe Park) and 53 acres border the eastern side (Ben Brenman Park).

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.

Community Center: In the context of the FY 1998 budget, City Council added $5,000 in FY 2003 for the possible future planning and development of a multi-purpose, multi-generational recreation facility in Cameron Station. In the FY 1999 - FY 2004 CIP, funding was increased to $20,000, and in the FY 2000 - FY 2005 CIP, funding was increased to $25,000 in FY 2003, consistent with amounts budgeted for planning of other facilities in the City. Based on City Council actions on February 28, 2001, establishing a process to determine the comprehensive needs of recreation and leisure services City-wide, this $25,000 would remain unallocated and unexpended pending the outcome of the planned needs assessment. This City-wide study is complete, and some of the outcomes of this study are reflected in this CIP in the $20.0 million approved over four years ($0.5 million in FY 2007, $1.5 million in FY 2008, $9.0 million in FY 2009 and $9.0 million in FY 2010) for a major addition and improvements to the Chinquapin Recreation Center, as well as $0.5 million in unallocated prior year monies for the Patrick Henry Recreation Center and $8.6 million over three years for the Charles Houston Recreation Center ($4.6 million in unallocated prior year monies, $2.2 million in FY 2007 and $1.75 million in FY 2008).

Impact on Operating Budget: Starting in FY 2000, the Recreation Department began to incur the additional cost of operations and grounds maintenance at Cameron Station. For information on operational and grounds maintenance costs, please refer to the FY 2007 Proposed Operating Budget (Department of Parks, Recreation and Cultural Activities).

## CAMERON STATION

Change in Project from Prior Fiscal Years:

- There has been no change in funding for this project.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| RECREATION CENTER | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 |
| TOTAL PROJECT | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 |

## CHINQUAPIN PARK AND RECREATION CENTER

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Chinquapin Park | Desirable | 10 years (shelters) | Recreation |
| Chinquapin Recreation Center | Desirable | 40 years | Recreation/ General Services |

Project Summary: This project provides for capital maintenance projects and improvements to the Chinquapin Park and Recreation Center.

Chinquapin Park: Chinquapin Park's 44 acres stretch from the physical education fields of T.C. Williams High School to the play areas of MacArthur Elementary School, providing facilities for a wide variety of leisure activities.

Chinquapin Recreation Center: $20.0 million planned for this project is now over three years ($2.0 million in FY 2008, $9.0 million in FY 2009 and $9.0 million in FY 2010) for the expansion and renovation of the Chinquapin Recreation Center as part of the plan to construct a new T.C. Williams High School adjacent to the center. The funding schedule has been revised based on the time it will take to design and construct a renovated and expanded Chinquapin Recreation Center. The schedule calls for the high school construction to be completed and opened for educational use in the fall of 2007 (FY 2008). After demolition of the current T.C. Williams High School, the new parking lot facility will be constructed and completed by the end of FY 2008. Construction of the Chinquapin project would then follow. While many details remain to be worked out, the inclusion of the $20.0 million total over three years (FY 2008 - FY 2010) indicates the general timing and estimated needed City financial commitment. However, it should also be noted that $20.0 million is a "placeholder" as a program has not been developed for the use of the renovated and expanded space.

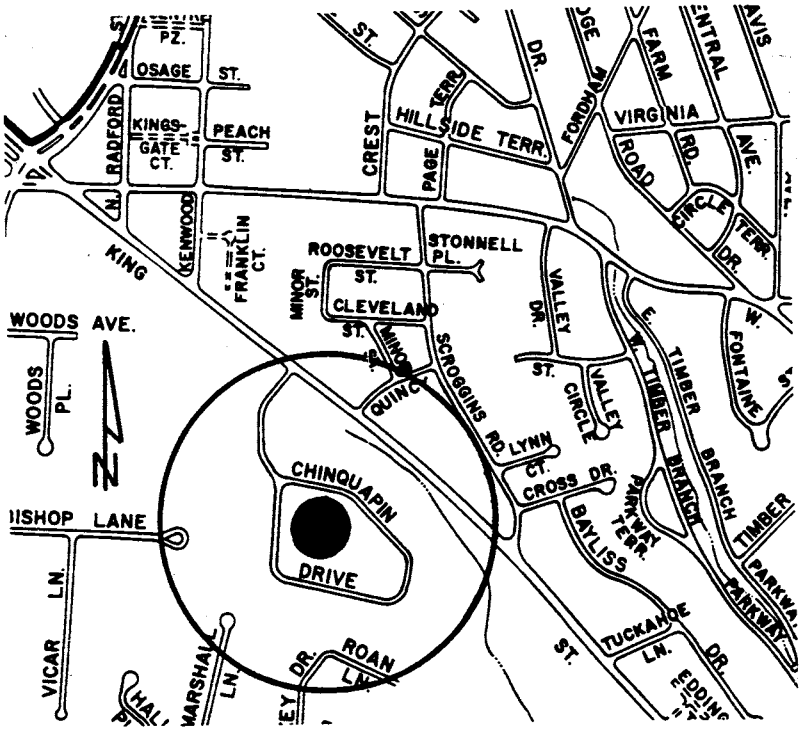
Project Costs to Date: The total allocated to date for Chinquapin Park is $4,873,041.

Change in Project from Prior Fiscal Year:

- Based on the time it will take to design and construct the expansion and renovation of Chinquapin Center following the high school's completion, the funding schedule for this project has been revised. The total funding remains $20.0 million, however the funding is now budgeted over three years (FY 2008-FY 2010) rather than over the two years reflected in the Approved FY 2006 - FY 2011 CIP. It should also be noted that $20.0 million is a "placeholder" as a specific program has not been developed for the use of the renovated and expanded space.

## CHINQUAPIN PARK AND RECREATION CENTER

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| FACILITY RENOVATION | 0 | 0 | 2,000,000 | 9,000,000 | 9,000,000 | 0 | 0 | 20,000,000 |
| PARK CONSTRUCTION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PROJECT | 0 | 0 | 2,000,000 | 9,000,000 | 9,000,000 | 0 | 0 | 20,000,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 0 | 2,000,000 | 9,000,000 | 9,000,000 | 0 | 0 | 20,000,000 |



## FORT WARD PARK

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Park Area | Essential | 5 years | Recreation |
| Storage Building | Desirable | 10 years | Recreation |

Project Summary: 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. This project provides for maintenance and improvements to Fort Ward Park and the outdoor historic area.

Park Area: Since its reconstruction in 1963, the park and museum at Fort Ward have been very popular recreation facilities. As a result of heavy use and weather effects, the park has 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 a year through FY 2012 to address the continued wear and tear that results from visitors walking on the bastions.

In FY 2001, a erosion control and geotechnical engineering study was performed to examine several large fissures that developed in the walled fortifications, in particular 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 was budgeted in FY 2006, in the context of the FY 2001 CIP budget process 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 unallocated prior year funds remain to fund other necessary repairs at Fort Ward, including replacement of the ceremonial entrance gate, replacement of two gun carriages, replacement of deteriorated gun platforms and other necessary maintenance and repairs at the site and the facility.

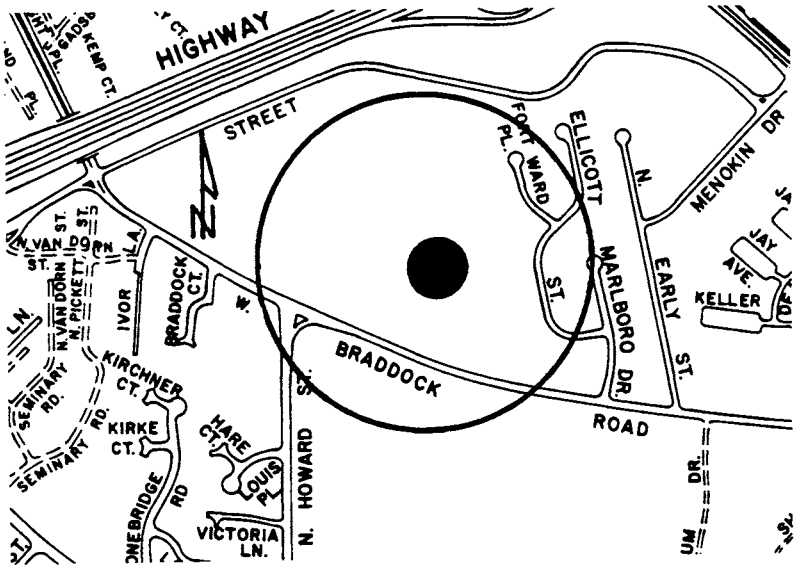
Butler Building: $12,000 was budgeted in FY 2001 to replace a trailer used by the City's horticultural staff for the storage of supplies and equipment, as a project staging area and for work space due to the disrepair of the current trailer. Due to the City's moratorium on the use of trailers and the condition of the existing trailer, $8,000 was budgeted in FY 2002 as the balance to replace the existing trailer with a small Butler building on the same site, which is more secure and permanent.

Change In Project From Prior Fiscal Years:

- $12,000 in annual funding for erosion control has been extended to FY 2012.

## FORT WARD PARK

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| EROSION CONTROL | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 84,000 |
| BASTION FORTIFICATION | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| STORAGE BUILDING | 8,000 | 0 | 0 | 0 | 0 | 0 | 0 | 8,000 |
| TOTAL PROJECT | 220,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 292,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 220,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 292,000 |



## LAND ACQUISITION

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Land Acquisition | Essential | Perpetual | Recreation - Open Space |

Project Summary: This project provides for the purchase of land for City facilities and open space areas for additional parks in the City.

Project Description: Between 1990 and 2000, the City has added an estimated 125 acres of open space for a current total of 964 acres of parks and open spaces. Based on City Council's request to establish a process to determine the comprehensive needs of recreation and leisure services City-wide, 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. In order 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 total revenue generated from real property taxes in the City (changed by City Council from the previous dedication of one cent per $100 of the assessed value). To reflect this tax revenue, a total of $12.7 million over six years (FY 2007 - FY 2012) has been included in the CIP for the acquisition of open space, with an additional $14.3 million in unallocated prior year monies for a total of $27 million.

At the time of the FY 2005 budget adoption City Council stated its intent to issue open space bonds, in an amount of $10 million or more, at the time of the City's next bond issue. $10 million was added to the City's borrowing in November 2004 for open space. This bond issue enabled Council to move forward on open space acquisition priorities and to create the capacity to pursue unforeseen acquisition opportunities soon after they arise. Debt service cost for these bonds will be financed by revenues collected through the Alexandria Open Space Trust Fund account. The out years (FY 2008-FY 2012) have been increased by an average of 4 percent per year based on estimated, average assessment increases in the future years. These expected revenues are offset by the debt service costs of the $4.9 million.

Change In Project From Prior Fiscal Years:

- Funding for open space land acquisition over six years has been revised to reflect revenue estimated for FY 2007 given the recently released real estate assessments, the current real estate tax rate of $0.815, and the estimated value of one percent of the total real estate taxes. The out years (FY 2008-2012) have been increased by an average of 4 percent per year based on estimated future year assessment increases. The actual amount will vary based upon actual assessments for each coming year. Funding for open space reflects a decrease of $1.8 million over six years as compared to the FY 2006 Approved CIP.

## LAND ACQUISITION

- An additional $275,703 is designated in fund balance for Council to appropriate at a later time. It represents the increase in the value of one cent of the real estate tax in the later half of FY 2006 due to increased 2006 real estate assessments above that budgeted.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| OPEN SPACE TRUST FUND | 14,311,185 | 2,658,608 | 2,764,952 | 2,875,550 | 2,990,572 | 3,110,195 | 3,234,605 | 31,945,667 |
| TOTAL PROJECT | 14,311,185 | 2,658,608 | 2,764,952 | 2,875,550 | 2,990,572 | 3,110,195 | 3,234,605 | 31,945,667 |
| OPEN SPACE DEBT SERVICE | 889,407 | 864,373 | 844,346 | 829,325 | 814,305 | 798,386 | 782,418 | 5,822,560 |
| NET CITY SHARE | 13,421,778 | 1,794,235 | 1,920,606 | 2,046,225 | 2,176,267 | 2,311,809 | 2,452,187 | 26,123,107 |

**OPEN SPACE SOURCES AND USES**

| **SOURCES** | **FY 2005** | **FY 2006** | **FY 2007** |
|---|---|---|---|
| **OPENING BALANCE** | $13,268,229 | $14,486,827 | $12,339,306 |
| Dedicated Real Estate taxes | 2,296,000 | 2,760,185 | 2,658,608 |
| Bond Issuance | TBD | TBD | TBD |
| **Sources Subtotal** | **$15,564,229** | **$17,247,012** | **$14,997,914** |
| | | | |
| **USES** | | | |
| Land Acquisition | $754,973 | $3,850,000 | TBD |
| Debt Service | 249,661 | 889,407 | 864,373 |
| Open Space Coordinator/1 | 22,768 | 68,299 | 76,466 |
| N. VA Conservation Trust | 50,000 | 50,000 | 50,000 |
| Miscellaneous | 0 | 50,000 | 50,000 |
| **Uses Subtotal** | **$1,077,402** | **$4,907,706** | **$1,040,839** |
| | | | |
| **ENDING BALANCE** | **$14,486,827** | **$12,339,306** | **$13,957,075** |
| **ACRES PURCHASED** | **5.13** | **at least 0.6** | **TBD** |

**Notes:**

/1 includes salary and benefits

## LANDSCAPING OF PUBLIC SITES

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Tree Planting and Care | Essential | At least 20 years, absent storm damage | Recreation |
| Horticulture Site Landscaping | Essential | At least 20 years, absent storm damage | Recreation |

Project Summary: This project provides for the annual tree planting and care program to provide trees on public streets, in City parks and in open spaces to ensure maintenance of the City's tree canopy and to provide continuing visual and environmental quality.

Project Description: The City's annual tree planting and care program is committed to ensuring that an adequate number of trees are planted and cared for along City streets. Trees maintain the aesthetic quality of residential and business communities and maintain a partial buffer against the effects of pollutants released by motor vehicles in the City. In addition, this program provides for the replacement of trees in the City's natural areas and parks after trees have been removed due to death, disease or storm damage. City funding for the tree planting program is proposed at $135,000 per year (includes $5,000 in revenue per year) which represents a $50,000 per year increase compared to the prior CIP.

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 - $50 for an ornamental tree and $75 for a shade 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. In addressing this issue, the Committee has discussed the importance of planting more trees to replace those that will inevitably be lost and to increase the overall number of trees throughout the City. In order to meet this challenge an additional $50,000 per year (FY 2007 - FY 2012) has been budgeted in the CIP for planting and maintaining an additional 350 trees on public property.

As a result, a total of $135,000 per year (FY 2007 - FY 2012) has been 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.

Horticulture Site Landscaping: A total of $60,000 per year is budgeted to renovate and enhance selected City horticulture sites that include street medians, tree wells, portals into the City, areas outside of recreation centers, and other planted areas that are maintained by the Recreation Department. The Department maintains a total of 187 horticultural sites and 600 tree wells, which periodically require renovations and enhancements.

## LANDSCAPING OF PUBLIC SITES

Change in Project from Prior Fiscal Years:

- 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. In addressing this issue, the Committee has discussed the importance of planting more trees to replace those that will inevitably be lost and to increase the overall number of trees throughout the City. In order to meet the challenge of the Urban Forestry Steering Committee, established in 2004, an additional $50,000 per year (FY 2007 - FY 2012) has been budgeted in the CIP for planting and maintaining of an additional 350 trees on public property for a total of 135,000 per year (FY 2007 - FY 2012) for planting and care of approximately 700 trees.

- $60,000 per year to renovate and enhance the City's horticultural sites has been extended into FY 2012.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| TREE PLANTING | 0 | 135,000 | 135,000 | 135,000 | 135,000 | 135,000 | 135,000 | 810,000 |
| MEDIAN LANDSCAPING | 0 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 360,000 |
| TOTAL PROJECT | 0 | 195,000 | 195,000 | 195,000 | 195,000 | 195,000 | 195,000 | 1,170,000 |
| LESS REVENUE | 0 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 30,000 |
| NET CITY SHARE | 0 | 190,000 | 190,000 | 190,000 | 190,000 | 190,000 | 190,000 | 1,140,000 |

## NORTHERN VIRGINIA REGIONAL PARK AUTHORITY

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| City Capital Contribution | Essential | Not applicable | OMB |

Project Summary: The Northern Virginia Regional Park Authority (NVRPA) is a multi-jurisdictional agency established to provide a system of regional parks in Northern Virginia. 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, pays an allocable share of the costs of the park program.

Project Description: The Northern Virginia Regional Park Authority's FY 2007 capital budget totals $4,413,381 of which $4,093,381 is to be funded by capital contributions from the participating jurisdictions and the balance of $320,000 is to be funded by interest earnings and a transfer from the Authority's Restricted Fund. The Authority has requested the following capital contributions from each participating jurisdiction, based on each jurisdiction's proportionate share of 2004 population estimates.

| JURISDICTION | 2004 ESTIMATED POPULATION | PERCENT | FY 2007 CAPITAL REQUEST |
|---|---|---|---|
| City of Alexandria | 128,206 | 8.07% | $330,336 |
| Arlington County | 186,117 | 11.71% | 479,335 |
| City of Fairfax | 22,062 | 1.39% | 56,898 |
| Fairfax County | 1,003,157 | 63.11% | 2,583,333 |
| Falls Church City | 10,781 | 0.68% | 27,835 |
| Loudoun County | 239,156 | 15.04% | 615,644 |
| Totals | 1,589,479 | 100.00% | $4,093,381 |

The City's FY 2007 capital contribution requested by the NVRPA has decreased by $2,421 as compared to the FY 2006 contribution. 2004 population estimates are provided by the U.S. Bureau of the Census, resulting in adjustments to each jurisdiction's contribution.

The Park Authority's FY 2007 capital budget provides funds for renovations to the batting cages, pool, park shelters and shower, restroom and locker areas in the admissions building at Cameron Run Park; and the replacement of the heating, ventilation and air conditioning (HVAC) system, the fire suppression systems and the roof at Carlyle House.

## NORTHERN VIRGINIA REGIONAL PARK AUTHORITY

Change in Project from Prior Fiscal Years:

- An decrease of $2,421 in the annual amount budgeted for the City's share of the Park Authority's capital costs.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONTRIBUTIONS | 0 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 1,982,016 |
| TOTAL PROJECT | 0 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 1,982,016 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 330,336 | 1,982,016 |

## PARK IMPROVEMENTS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| ADA Requirements | Essential | 10 years | Recreation |
| Athletic Field Improvements | Essential | 10 years, depending on use | Recreation |
| Drainage Improvements | Very Desirable | 30 years | Recreation |
| Park/Playground Renovations | Essential | 10 years, depending on task | Recreation |
| Ball Court Renovations | Desirable | 15 years | Recreation |
| Skate Park | Desirable | 5 -10 years | Recreation |
| Windmill Hill Park | Essential | Not Estimated | Recreation |
| Timberbranch Park | Very Desirable | Not Estimated | Recreation |

Project Summary: This project provides for a continuing program of renovations and improvements for parks, playgrounds, the skate park, amenities and outdoor recreation areas in the City. Projects are budgeted in response to physical needs, concerns, needs or changes in the character of the surrounding community. Improvement projects under this program enhance the City's 60 parks for residents while taking proactive steps to reduce the opportunity for crime and vandalism in parks through user-conscious redesign. The elimination of potential safety hazards and the reduction of maintenance requirements also guide renovation efforts. In parks and playgrounds throughout the City, every effort is made to adhere to the safety standards established by the Consumer Products Safety Commission. All new installations are Americans with Disabilities Act (ADA) compliant.

ADA Requirements for Parks: Funding at a level of $25,000 per year is budgeted for meeting ADA accessibility requirements in park play areas. This amount was first included in the FY 2000 - FY 2005 CIP in response to the United States Access Board's regulations for playground accessibility. 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.

## PARK IMPROVEMENTS

Athletic Field Improvements: A total of $2.85 million over six years (FY 2007 - FY 2012) has been budgeted to replace deteriorated backstops, fencing, grading, irrigation and field lighting systems due to heavy usage and deterioration from exposure and age. In addition, these monies will also be used to replace and install new fields where deemed necessary. This total includes $1.0 million budgeted over four years (FY 2009 - FY 2012) in the Drainage Improvements project that has been moved to this project. $2.85 million over six years represents an increase of $1.1 million compared to the Approved FY 2006-FY 2011 CIP and these monies will be used to address the following fields (including the installation of artificial turf on selected rectangular game fields):

| Fiscal Year | Project | Location | Cost |
|---|---|---|---|
| FY 2007 | Field - Softball | Four Mile Run | $300,000 |
| FY 2008 | Design - Rectangular Field | Four Mile Run | $150,000 |
| FY 2009 | Construction - Rectangular Field | Four Mile Run | $750,000 |
| FY 2010 | Field Renovation | Braddock Road - Phase I | $550,000 |
| FY 2011 | Field Renovation | Braddock Road - Phase II | $550,000 |
| FY 2012 | Field Renovation | Fort Ward | $550,000 |
| Total | | | $2,850,000 |

Drainage Improvements: Many of the City's parks have serious drainage problems that make parks 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. For FY 2007, funding for this project has been revised. $1.0 million over four years (FY 2009 - FY 2012) has been reprogrammed to the Athletic Fields project. The remaining $400,000 budgeted in FY 2008 will be used for drainage improvements at George Mason Park. Stop-gap measures already have helped to control portions of the run-off, and other smaller measures can be accomplished through the regular maintenance staff and the help and involvement of the public. While these smaller projects will slow some of the runoff, they will not solve the problem of the need for the larger engineered storm project.

Skate Park: The skate park, which opened in 2003, is located at Luckett Field at the intersection of Quaker Lane and Duke Streets. On June 22, 2003, City Council voted to name the skate park the Schulyer 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. This fast growing sport is becoming popular in the City, and participants are now able to benefit from a safe and appropriate venue. An additional $50,000 has been budgeted in FY 2007 to complete Phase III of the Skate Park project. This phase will add ten to sixteen more skating elements to the park.

Ball Court Renovations: A total of $1.1 million is budgeted over five years (FY 2008-FY2012) for the renovation and update of the City's outdoor courts. The Department of Recreation, Parks and Cultural Activities 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 and for classes, programs and special events. In addition, tennis and basketball courts throughout the City are used by neighborhood schools. These courts are now maintained and renovated on a regular schedule. Renovations include patching or replacing surfaces, drainage work, fencing, grading and color coating. The current life expectancy for surfacing is 15 to 17 years. The schedule, establishing priorities, has been prepared by Park Maintenance and is based on current condition, utilization, commonality and budgeted resources. This funding will provide for the renovation of up to three outdoor courts per year.

## PARK IMPROVEMENTS

The court lighting structures and systems have deteriorated making their replacement essential. In the context of the FY 2007 CIP budget process, an additional $375,000 has been budgeted in FY 2010 for the renovation of the tennis courts at Montgomery Park, located at North Royal and Montgomery Streets.

Park and Playground Renovations: $160,000 per year is budgeted 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. These funds will be used to address the following playgrounds:

| Fiscal Year | Project | Location | Cost |
|---|---|---|---|
| FY 2007 | Playground | Nannie Lee & Brenman | $160,000 |
| FY 2008 | Playground | Hunter Miller & Ewald | $160,000 |
| FY 2009 | Playground | Stevenson & Tarleton | $160,000 |
| FY 2010 | Improvements | Mulligan & TBD | $160,000 |
| FY 2011 | Improvements | Mt. Jefferson & TBD | $160,000 |
| FY 2012 | Improvements | Hoof's Run and Beverly Park | $160,000 |
| Total | | | $960,000 |

Windmill Hill Park: The design for renovation and enhancements of Windmill Hill Park was completed in FY 2002. Costs for the total renovation and the construction of the enhancements are approximately $3.0 million. $2.0 million in City funding is included in this CIP for this project with the remaining $1.0 million to be funded from to-be-determined outside sources. The schedule for this project has been revised. Of the total $1.0 million budgeted in FY 2007, $250,000 has been moved to FY 2008 and $500,000 has been moved to FY 2009. $250,000 remains in FY 2007 to provide for the design of the planned bulkhead. Total funding for this project remains $3.0 million.

Timberbranch Park: A new project not previously in the CIP. $75,000 has been budgeted in FY 2008 for the replacement of the Timberbranch Park Pedestrian Bridge abutments which 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 the erosion caused by the stream that flows around the structure. Its replacement in FY 2008 will be accelerated if it poses an immediate safety risk for pedestrians using the bridge.

Change in Project from Prior Fiscal Years:

- ADA requirements for parks in the amount of $25,000 per year has been extended into FY 2012;

- Funding for the Athletic Field Improvements project in the amount of $1.8 million over six years has been increased to $2.85 million over six years (FY 2007 - FY 2012). A total of $1.0 million over four years (FY 2009-FY 2012) has been reprogrammed from the Drainage Improvements project to the Athletic Field Improvements project;

## PARK IMPROVEMENTS

- Annual funding in the amount of $125,000 per year for the renovation of the City's 68 outdoor tennis and basketball courts at a rate of up to three outdoor courts per year and the replacement of the lighting systems at these courts has been extended to FY 2012;

- Annual funding for Park and Playground renovations, in the amount of $160,000 per year to continue a systematic program to replace park amenities including trash cans, benches and picnic tables has been extended to FY 2012;

- Funding over four years (FY 2009-FY 2012) for the Drainage Improvements project, in the amount of $1.0 million has been reprogrammed to the Athletic Fields Improvements project. The remaining $400,000 in FY 2008 will be used for drainage improvements at George Mason Park;

- $50,000 has been budgeted in FY 2007 to complete Phase III of the skate park project, which will add ten to sixteen additional skating elements at the Schulyer Hamilton Jones Skateboard Park at Luckett Field;

- The schedule for the Windmill Hill Park project has been revised. Of the total $1.0 million budgeted in FY 2007, $250,000 has been moved to FY 2008 and $500,000 has been moved to FY 2009. $250,000 remains in FY 2007 to provide for the design of the planned bulkhead. Total funding for this project remains $3.0 million; and

- $75,000 has been budgeted in FY 2008 for the replacement of the existing Timberbranch Pedestrian Bridge abutments that support the wooden bridge. The bridge's stability is currently threatened by the erosion caused by the stream that flows around the structure. Its replacement in FY 2008 will be accelerated if it poses an immediate safety risk to the users of this bridge.

## PARK IMPROVEMENTS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ADA REQUIREMENTS | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 175,000 |
| ATHLETIC FIELD IMPROVEMENTS | 100,000 | 300,000 | 150,000 | 750,000 | 550,000 | 550,000 | 550,000 | 2,950,000 |
| SKATE PARK | 0 | 50,000 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| PLAYGROUND RENOVATIONS | 0 | 160,000 | 160,000 | 160,000 | 160,000 | 160,000 | 160,000 | 960,000 |
| DRAINAGE IMPROVEMENTS | 0 | 0 | 400,000 | 0 | 0 | 0 | 0 | 400,000 |
| WINDMILL HILL PARK | 11,000 | 250,000 | 1,250,000 | 1,500,000 | 0 | 0 | 0 | 3,011,000 |
| TIMBERBRANCH PARK | 0 | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| BALL COURT RENOVATIONS | 0 | 0 | 250,000 | 125,000 | 500,000 | 125,000 | 125,000 | 1,125,000 |
| TOTAL PROJECT | 136,000 | 785,000 | 2,310,000 | 2,560,000 | 1,235,000 | 860,000 | 860,000 | 8,746,000 |
| LESS REVENUES | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 |
| NET CITY SHARE | 136,000 | 785,000 | 2,310,000 | 1,560,000 | 1,235,000 | 860,000 | 860,000 | 7,746,000 |

## RECREATION FACILITIES IMPROVEMENTS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Recreation Facilities Renovations | Essential | 40 years | Project managers for all projects in this subtask are Recreation and General Services |
| Jerome "Buddie" Ford Nature Center | Essential | 40 years | |
| Nannie J. Lee Center | Desirable | 40 years | |
| Charles Houston Recreation Center | Essential | 40 years | |
| Patrick Henry Recreation | Essential | 40 years | |
| All-Sports Facility | Essential | 40 years | |
| Public Pools/City Marina | Essential | 15 years | |

Project Summary: This project provides for the maintenance, renovation, reconstruction and repair of existing recreation centers, including the outdoor recreational areas associated with the centers. In addition, this project provides for the upkeep of tennis courts at school facilities that are maintained by the Recreation Department, and for the maintenance of the City's six outdoor public pools.

Recreation Facilities Renovations: To address the space and programming needs at the City's heavily-used neighborhood recreation centers and park facilities, the CIP includes $250,000 per year, from FY 2007 to FY 2012, to provide an annual funding stream to address capital needs on a prioritized basis.

Renovation work at the City's recreation facilities is prioritized according to an evaluation and analysis of the community needs based on the program planning survey that was completed in FY 2003.

Addendum Table 1 provides some key data regarding each of the City's ten recreation facilities, by individual location, including the FY 2007 proposed budget, the staffing levels, the square footage, and description of amenities.

## RECREATION FACILITIES IMPROVEMENTS

Jerome "Buddie" Ford Nature Center: A total of $1,980,000 ($1.25 million in City monies and $730,000 in Schools) was budgeted for the renovation of the Jerome "Buddie" Ford Nature Center and the creation of classrooms for the William Ramsay Elementary School. This renovation and expansion project is a joint effort between the City and the Alexandria City Public Schools to design and construct program and classroom space using the gymnasium that was formerly the William Ramsay Recreation Center which was vacated when the recreation program was moved to the new recreation facility. The former gymnasium is being redesigned into a two level facility providing nine additional classrooms for the William Ramsay Elementary School and modern program space for the "Buddie" Ford Nature Center. This renovated, redesigned and expanded space will house an interpretive programming room, nature gallery, project room, greenhouse, animal display, holding and feeding areas, projection booth, storage, offices, reception desk and hands-on exhibits.

In addition to the classrooms for school children, the facility also will include a nature/science lab that will be used by the school during school hours and by the Nature Center for after-school programs, evenings and on weekends. The construction of this project was rescheduled by both the Schools and the City from FY 2003 to FY 2004; therefore the City funding for construction, in the amount of $1,150,000, was changed accordingly. $100,000 of the $1,250,000 total project budget was allocated in FY 2003 to fund the design of the project. The remaining balance, in the amount of $1,150,000, was allocated in FY 2004 for construction. The project was completed in Fall 2005.

Public Pools/City Marina: The annual budget of $90,000 to renovate and maintain the City's pools has been extended through FY 2012. Public pools projects include white coating the City's two large pools, including the training pools at each facility, and four small pools located at the Nannie J. Lee, Charles Houston, and Colasanto Centers and Ewald Park. A 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 study, and other studies, will provide the Department with the data needed to prioritize pool renovations and determine costs that are likely to be in some yet to be determined amount significantly above the amount budgeted in this CIP for this six year period. Funds budgeted for this project will also be used to meet needs and update the utility service at the City's Marina. The current utilities provided to the lease slip holders and transit boaters are in need of modernization.

Lee Center: $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. This system will safeguard the building, its occupants and property from unauthorized visitors. In addition, $25,000 in unallocated prior year monies remains for the design of the renovations and modernization of the Center's commercial kitchen.

Charles Houston Recreation Center: A total of $8.6 million is budgeted over three years ($4.6 million in unallocated prior year monies, $2.2 million in FY 2007 and $1.75 million in FY 2008) for renovations and improvements to the Charles Houston Recreation Center. This does not include the costs of utility undergrounding which are to be determined and will be added to the FY 2008 CIP for this project.

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 will include a new outdoor swimming pool, expanded gymnasium, emergency back-up generator to allow alternative use of the facility as an emergency shelter, and incorporation of "Green" technology. Following staff analysis of four different design options, it was determined that the cost to build a new facility was similar to the cost of a major renovation/addition and

that the added value of newer finishes and technology, the incorporation of green elements and greater space efficiencies make a new facility more viable. A new facility also presents opportunities for greater parking capacity and facility management. City Council also approved a revised funding plan in which a total of $3.0 million previously funded or planned in the CIP for the Patrick Henry Recreation Center renovation ($1.25 million in unallocated prior year monies and $1.75 million in FY 2008) be reprogrammed to the Charles Houston project, bringing the total funds available for the project to $8.6 million. Construction is scheduled to begin in late CY 2006 with completion in approximately one year, during which time current center programs will need to be temporarily relocated.

Patrick Henry Recreation Center: On October 25, 2005, City Council approved a revised funding plan in which a total of $3.0 million previously funded or planned in the CIP for the Patrick Henry Recreation Center renovation ($1.25 million in unallocated prior year monies and $1.75 million in FY 2008) be reprogrammed to the Charles Houston Recreation Center project. The $500,000 remaining in the Patrick Henry project will allow staff to begin the program/schematic process in the Spring and Summer of CY 2006 and develop and present a defined estimate for the final design and construction for consideration as part of the FY 2008 - FY 2013 CIP budget development. This schedule will allow for the completion of the design of the Patrick Henry renovations by Summer 2007 and have the project bid and ready for construction immediately following the completion of the Charles Houston construction project (late CY 2007 to early CY 2008). It has always been proposed that the renovations be consecutive so as not to require the closing of two recreation centers at the same time.

All- Sports Facility: An additional $1.7 million has been budgeted in FY 2008 for a total of $11.2 million over two years ($1.5 million in unallocated prior year monies and $9.7 million in FY 2008) for the design and construction of a City-wide sports complex. $1.5 million in unallocated prior year monies will provide for the architectural and engineering services required for this project and $9.7 million (of which $5.0 million will be funded by private fund raising) in FY 2008 is estimated for Phase I construction. The original $8.0 million budgeted in FY 2007 (now $9.7 million) was moved back to FY 2008 to more closely reflect the proposed project schedule. Of the $9.7 million budgeted in FY 2008, $5.0 million is to come from private fund raising efforts of the Alexandria Capital Development Foundation, leaving a City share of $4.7 million in FY 2008 and a total commitment of $5.0 million from the City over the two years.

On October 25, 2005, City Council approved the current concept plan which includes a rectangular multi-use and synthetic turf field, stadium seating for approximately 4,000 spectators, men's and women's restroom/locker facilities, public restrooms, press box, concession area, two lighted ball fields, on-site parking for approximately 300 cars and provides space (but not funding) for a possible future incorporation of an indoor multi-use facility. City Council has agreed that the $5.0 million to come from private fund raising efforts of the Alexandria Capital Development Foundation, need to be substantially under way with 75 percent of this private fund-raising in hand prior to the City going to bid for construction of the All-Sports Facility project. City Council will be considering a Special Use Permit (SUP) for this project in the fall of 2006.

Needs Assessment: A new project not previously in the CIP. A total of $300,000 has been budgeted in FY 2008 to conduct a needs assessment that would help the Department of Recreation, Parks and Cultural Activities to establish department priorities for future service, program and facility needs due to the heavy demand from the public.

Change in Project from Prior Fiscal Years:

- Annual funding in the amount of $250,000 per year for Recreation Renovations has been extended to FY 2012;

## RECREATION FACILITIES IMPROVEMENTS

- Annual funding for Public Pools, in the amount of $90,000 per year, has been extended through FY 2012;
- $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) have been reprogrammed to the Charles Houston project;
- An additional $1.7 million has been budgeted in FY 2008 for a total of $11.2 million over two years ($1.5 million in unallocated prior year monies and $9.7 million in FY 2008) for the design and construction of a City-wide sports complex; and the original $8.0 million budgeted in FY 2007 (now $9.7 million with $5.0 million of that privately funded) was moved back to FY 2008 to more closely reflect the proposed project schedule.
- $300,000 has been budgeted in FY 2008 for a needs assessment which will allow the Department of Recreation, Parks and Cultural Activities to establish department priorities for future service, program and facility needs due to the heavy demand from the public.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| RECREATION CENTER RENOVATIONS | 120,171 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,620,171 |
| JEROME "BUDDIE" FORD NATURE CTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PUBLIC POOLS | 115,000 | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 655,000 |
| CHARLES HOUSTON RECREATION CENTER | 4,630,000 | 2,180,000 | 1,750,000 | 0 | 0 | 0 | 0 | 8,560,000 |
| PATRICK HENRY RECREATION CENTER | 500,000 | 0 | 0 | TBD | TBD | 0 | 0 | 500,000 |
| SPORTS COMPLEX | 1,500,000 | 0 | 9,700,000 | 0 | 0 | 0 | 0 | 11,200,000 |
| NEEDS ASSESSMENT | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 |
| NANNIE LEE RECREATION CENTER | 113,000 | 0 | 0 | 0 | 0 | 0 | 0 | 113,000 |
| TOTAL PROJECT | 6,978,171 | 2,520,000 | 12,090,000 | 340,000 | 340,000 | 340,000 | 340,000 | 22,948,171 |
| LESS REVENUES | 0 | 0 | 5,000,000 | 0 | 0 | 0 | 0 | 5,000,000 |
| NET CITY SHARE | 6,978,171 | 2,520,000 | 7,090,000 | 340,000 | 340,000 | 340,000 | 340,000 | 17,948,171 |

# RECREATION FACILITIES IMPROVEMENTS

## Addendum Table 1

| CITY RECREATION CENTERS | FY 2007 OPERATING BUDGET | FY 2007 STAFFING | SIZE | FACILITY FEATURES |
|---|---|---|---|---|
| Charles Barrett | $356,595 | 3 full-time positions (including 1 custodian position) and $109,016 lump sum and part-time money. | 9,800 square feet | Weight room, gymnasium, meeting rooms, kitchen, dance studio, game room, and arts and crafts room |
| Charles Houston | $816,033 | 6 full-time positions (including 2 custodial positions) and $230,761 lump sum and part-time money. | 24,302 square feet | Gymnasium, arts and crafts room, game and meeting rooms, kitchen, and preschool room |
| Cora Kelly | $857,939 | 6 full-time positions (including 2 custodial positions) and $224,498 lump sum and part-time money. | 25,840 square feet | Racquetball/volleyball, gymnasium activities, ceramics/pottery room, arts and crafts room, dance studio, photography lab, preschool room, meeting rooms, game room, adult activities and weight room |
| Mount Vernon | $571,391 | 4 full-time positions (including 1 custodian position) and $171,734 lump sum and part-time money. | 18,900 square feet | Gymnasium, art room, game room, meeting room, two multi-purpose rooms, dance/fitness room, control desk, computer room, dark room, activity room, kitchen, locker/changing room |
| Nannie J. Lee | $397,129 | 3 full-time positions (including 1 custodian position) and $135,218 lump sum and part-time money. | 13,690 square feet | Gymnasium, game room, social/activity room, kitchen, fitness room, multi-purpose room, control desk, outdoor patio |
| Patrick Henry | $382,815 | 3 full-time positions (including 1 custodian position) and $112,651 lump sum and part-time money. | 8,850 square feet | Gymnasium, game room, kitchen and meeting room |
| William Ramsay | $703,493 | 4 full-time positions (including 1 custodian position) and $255,757 lump sum and part-time money. | 18,000 square feet | Gymnasium, meeting space, computer lab, dance and fitness rooms, arts and crafts room and a game room |

# Public Buildings

# PUBLIC BUILDINGS

## Historic Buildings

| | |
|---|---|
| Gadsby's Tavern Buildings | 134 North Royal Street |
| Lloyd House | 220 North Washington Street |
| Lyceum | 201 South Washington Street |
| Stabler-Leadbeater Apothecary Museum | 105 South Fairfax Street |
| Friendship Fire House | 107 South Alfred Street |
| Black History Museum | 638 North Alfred Street |

## City Facilities

| | |
|---|---|
| Vola Lawson Animal Shelter | 4075 Eisenhower Avenue |
| Market Square | 301 King Street |
| Courthouse | 520 King Street |
| Flora Krause Casey Health Center | 1200 North Howard Street |
| Health Department | 4480 King Street |
| 405 Cameron Street Facility | 405 Cameron Street |
| Impound Office | 5249 Eisenhower Avenue |
| Payne Street Records Center | 801 South Payne Street |
| Public Safety Center | 2003 Mill Road |
| Detention Center | 2003 Mill Road |
| Police Pistol Range | 5261 Eisenhower Avenue |
| T&ES Field Office | 3600 Wheeler Avenue |
| MH Residential Facilities | City-wide |
| T&ES/Recreation Facility | 133 South Quaker Lane |
| Safe Haven Facility | 115 North Patrick Street |
| Torpedo Factory | 105 North Union Street |
| City Hall | 301 King Street |

## PRESERVATION OF HISTORIC BUILDINGS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Gadsby's Tavern Buildings | Essential | 25 years | General Services |
| The Lyceum | Desirable | 25 years | General Services |
| Stabler-Leadbeater Apothecary Museum | Desirable | 25 years | General Services |
| Friendship Firehouse | Desirable | 25 years | General Services |
| Office of Historic Alexandria Capital Facilities Maintenance Plan | Essential | 25 years | General Services |

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Project Summary: This project provides for the preservation of historic buildings in the City, including on-going capital maintenance needs at the City's museum sites.

Gadsby's Tavern Buildings (Tavern, Museum and American Legion): Prior year unallocated monies, in the amount of $287,000, remain in this project for the study and installation of a full service elevator at Gadsby's Tavern ($200,000); the refurbishment of office areas ($45,500); to design improvements to the Gadsby's Tavern rear courtyard ($15,000); and for the study and design of improvements to the historic ice well structure ($5,000).

An additional $600,000 has been budgeted in FY 2007 to complete the remaining work at Gadsby's Tavern not included above, including the replacement of the heating, ventilation and air conditioning (HVAC) system; interior and exterior repairs; ADA compliant restrooms; replacement of the American Legion kitchen equipment; refurbishing office spaces; improvements to the courtyard; and improvements to an existing historic ice well structure.

As part of the donation agreement by the American Legion of the Gadsby's Tavern building to the City, 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.

Lyceum: A total of $107,028 in prior year unallocated monies remain 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; and repairs to the heating, ventilation and air conditioning (HVAC) system.

## PRESERVATION OF HISTORIC BUILDINGS

Stabler-Leadbeater Apothecary Museum: $515,000 was allocated in FY 2004 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 since the project budget was originally developed and approved in FY 2000, an additional $175,000 was budgeted in FY 2006 to fully fund and complete the project. The primary objectives of this project are to provide: (1) handicapped access to the primary museum spaces and restroom; (2) a new code compliant fire stair case; and (3) a full fire sprinkler and alarm system designed to protect the occupants, building and contents. Construction is scheduled to be completed in the first half of 2006. After the restoration is complete, ownership and operation of the facility will be transferred to the City. $5,000 is budgeted in the out-year (FY 2012) as a placeholder in the event that further capital improvements are required in a future CIP.

Friendship Firehouse: 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. $92,000 in prior year unallocated monies remain for required interior improvements including the replacement of the plaster walls, installation of a floor drain, installation of a new concrete subfloor and related finish work.

Office of Historic Alexandria (OHA) Capital Facilities Maintenance Plan (CFMP):$150,000 per year (FY 2007 - FY 2012) in increased funding has been budgeted 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), electrical and plumbing systems components. OHA managed properties requiring capital maintenance include Fort Ward Park, Gadsby's Tavern, Lloyd House, The Lyceum and Archeology space located at the Torpedo Factory Arts Center.

Change In Project From Prior Fiscal Years:

- $150,000 per year (FY 2007 - FY 2012) in increased funding has been budgeted to address facility capital maintenance requirements at the City's historic buildings and sites managed by the Office of Historic Alexandria; and

- An additional $600,000 has been budgeted in FY 2007 to complete the remaining work at Gadsby's Tavern, including the replacement of the heating, ventilation and air conditioning (HVAC) system; interior and exterior repairs; ADA compliant restrooms; replacement of the American Legion kitchen equipment; refurbishing office spaces; improvements to the courtyard; and improvements to an existing historic ice well structure at this facility.

## PRESERVATION OF HISTORIC BUILDINGS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| GADSBY'S TAVERN | 287,000 | 600,000 | 0 | 0 | 0 | 0 | 0 | 887,000 |
| LYCEUM | 107,028 | 0 | 0 | 0 | 0 | 0 | 0 | 107,028 |
| APOTHECARY MUSEUM | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| FRIENDSHIP FIREHOUSE | 92,000 | 0 | 0 | 0 | 0 | 0 | 0 | 92,000 |
| OHA CAPITAL FACILITIES MAINTENANCE PLAN | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 |
| TOTAL PROJECT | 486,028 | 750,000 | 150,000 | 150,000 | 150,000 | 150,000 | 155,000 | 1,991,028 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 486,028 | 750,000 | 150,000 | 150,000 | 150,000 | 150,000 | 155,000 | 1,991,028 |

## THE VOLA LAWSON ANIMAL SHELTER

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Animal Shelter Design and Construction | Essential | 40 years | General Services |

Project Summary: This project provides for the capital maintenance required for the Vola Lawson Animal Shelter as defined in a contract between the City and the Animal Welfare League.

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

As defined in the contract between the City and the Animal Welfare League, who currently manages the facility for the City, the City is responsible for the scheduled and unscheduled capital replacement and maintenance of elements and systems at the facility. Based on this agreement, a total of $150,000 over six years ($25,000 per year) is budgeted to address these capital maintenance and replacement requirements. Annual funding in the amount of $25,000 has been extended to FY 2012.

Change In Project From Prior Fiscal Years:

- Annual funding for capital replacement and maintenance, in the amount of $25,000, has been extended to FY 2012.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ENGINEERING & PLANS | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 |
| TOTAL PROJECT | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 |

## ENERGY CONSERVATION PROGRAM

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Improvements to Public Buildings for Energy Conservation | Essential | 15 years | General Services |

Project Summary: This project provides for energy conservation improvements in existing City buildings and the use of energy-efficient technology in existing City buildings.

Project Description: This project includes funding for improvements needed to provide sufficient energy capacity to meet increasing demands in the most cost effective manner. In FY 2003, the Department of General Services commissioned a study of 16 City facilities to determine energy efficiency initiatives. $175,000 per year is budgeted to implement these initiatives, as well as additional studies of those facilities not included in the FY 2003 study to achieve greater energy efficiency within City facilities.

For instance, significant energy savings are possible through the retrofit of fluorescent lighting in City facilities with electronic ballasts, new efficient tubes, and fixture reflectors. Retrofitting has been completed at the Courthouse, Public Safety Center offices, and Market Square and Courthouse garages. Monies budgeted under this capital project are programmed to provide for the retrofitting of lights at City Hall, the Community Shelter, Chinquapin Recreation Center, Charles Houston Recreation Center, the Transportation and Environmental Services maintenance building, various fire stations, and at other smaller City facilities. In FY 2006, the heating, ventilation and air conditioning (HVAC) system at the Torpedo Factory will be replaced and the chillers at Beatley Library will be reworked.

In FY 2007, continued emphasis will be placed on energy consumption analysis and developing strategies to address the largest consumers of energy.

Impact on Operating Budget: The City's goal through retrofitting is to achieve a six year payback cycle in the City's capital costs through energy savings in the operating budget. Similarly, for new systems the goal is to minimize the impact of the new operating systems on the City's operating budget.

Change in Project from Prior Fiscal Years:

- Annual funding for the energy conservation program, in the amount of $175,000, has been extended to FY 2012.

## ENERGY CONSERVATION PROGRAM

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ENERGY CONSERVATION | 215,600 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 1,265,600 |
| TOTAL PROJECT | 215,600 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 1,265,600 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 215,600 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 1,265,600 |

## MARKET SQUARE RENOVATIONS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Phase I Renovations | Essential | 25 years | General Services |
| Phase II Renovations | Essential | 20 - 40 years | General Services |

Project Summary: This project provides for renovations and improvements to the Market Square Plaza and underground 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.

Project Description: 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.

$696,110 in unallocated prior year monies remain for the replacement of the fountain pumps, limestone stair replacement and general upgrades to the surface areas. 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 2010 (TBD).

Project Costs to Date: The total allocated to date for Market Square Renovations is $3,877,267.

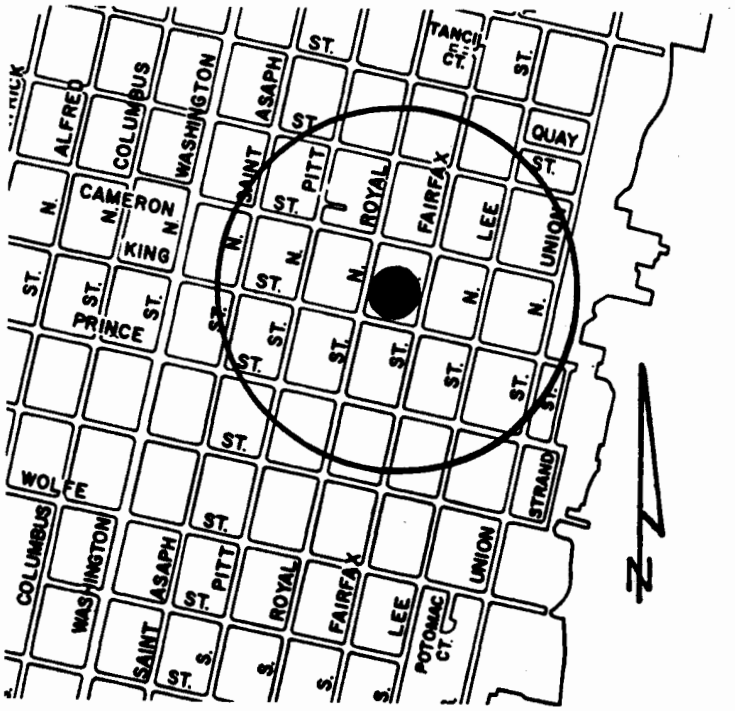
Change In Project From Prior Fiscal Years:

- $1.8 million in planned FY 2007 funding has been deleted. The Market Square Renovation project has been rescheduled to FY 2008 with funding to be determined (TBD) based upon a planned future re-scoping of the project.

## MARKET SQUARE RENOVATIONS

| TASK TITLE | UNALLOCATED PRIOR-FY /1 | FY 2007 CURRENT | FY2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ARCHITECT SERVICES | 0 | 0 | 0 | 0 | TBD | 0 | 0 | 0 |
| CONSTRUCTION | 696,110 | 0 | 0 | 0 | TBD | 0 | 0 | 696,110 |
| TOTAL PROJECT | 696,110 | 0 | 0 | 0 | 0 | 0 | 0 | 696,110 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 696,110 | 0 | 0 | 0 | 0 | 0 | 0 | 696,110 |

/1 Funds temporarily loaned to ARHA. To be repaid in FY 2006.



## NEW POLICE FACILITY

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| New Police Facility | Essential | 25 years | General Services |
| Business Center Drive/ City Government Complex | Essential | 25 years | General Services |

Project Summary: This project provides for the construction of a new Police facility on Wheeler Avenue and the relocation of a number of existing City public works and infrastructure functions in that area in order to accommodate the new Police facility. This will enable the City to improve the appearance of the area; provide upgraded space for the Transportation and Environmental Services (T&ES) and Recreation, Parks and Cultural Activities (Recreation) shared maintenance facility; provide a new DASH bus facility; and additional employee parking.

New Police Facility: In 2002, to permanently address the overcrowded conditions at the current Public Safety Center, City Council determined that a new Police Department facility will need to be built or acquired. Therefore, a total of $68.5 million has been 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 the Department's temporary move out of the PSC 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 citizens Ad Hoc Task Force to review two potential sites for the new Police facility and any other sites that have not already been reviewed based on those requirements and made a recommendation to City Council in the Fall of 2004. 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 meeting 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.

Components of the new facility include a multilevel facility structure of more than 110,000 square feet, a multilevel parking structure, and significant site, security, and infrastructure improvements. 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 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. 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 numbers. The final construction estimate will rely significantly on this programming update which is expected to be completed in late FY 2007.

Change In Project From Prior Fiscal Years:

- $48.8 million continues to be budgeted in the CIP (FY 2007-FY 2011). While this represents no change in the dollar amount, the funding schedule has been adjusted significantly to more accurately reflect the cash flow requirements of the revised planning and design schedule for the New Police Facility.

Business Center Drive/City Government Complex: As part of the construction of a new Police facility on Wheeler Avenue, approved by City Council on October 25, 2005, several existing City facilities in that area must be relocated to other City property. On May 31, 2005 City staff outlined the redevelopment of the Wheeler-Witter area to accommodate the anticipated relocation of the Alexandria Police Department from Mill Road to a new facility on Wheeler Avenue.

In order to facilitate the construction of a new Police facility at this location on Wheeler Avenue, a number of City public works and infrastructure functions would need to be relocated to the existing City-owned facilities and/or properties in the general Wheeler-Witter area. The existing maintenance facility shared by T&ES and Recreation would need to be relocated to the City-owned Roth Street warehouse space at 2900 Business Drive. The vacated property at 133 S. Quaker Lane will be reused for the T&ES salt dome and materials storage shed in order to free up property along Wheeler Avenue, currently being used for these functions, for the proposed Police Facility. The design of this project will also integrate the construction of the new DASH facility, also to be located on Business Drive; the construction of new sports fields at the adjacent Witter Drive field site; and modifications to the current traffic, pedestrian and parking elements throughout the site. Design and bid solicitation is scheduled to be completed by Summer 2007. Construction and renovation will commence in Summer 2007 and continue through Summer 2008.

In order to fund this project, $1.8 million in unallocated prior year funds no 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 the $16.0 million currently budgeted in the new Police Facility project for the purchase of land. The $16.0 million will be no longer be required for the purchase of land since the properties are owned by the City, however the monies 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.

Change In Project From Prior Fiscal Years:

- $148,000 in unallocated prior year funds 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 Complex project for a total of $198,820.

## NEW POLICE FACILITY

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| NEW POLICE FACILITY | 15,019,000 | 2,040,000 | 2,760,000 | 17,600,000 | 22,000,000 | 4,400,000 | 0 | 63,819,000 |
| BUSINESS CENTER DRIVE/CITY GOVT CTR | 198,820 | 0 | 0 | 0 | 0 | 0 | 0 | 198,820 |
| TOTAL PROJECT | 15,217,820 | 2,040,000 | 2,760,000 | 17,600,000 | 22,000,000 | 4,400,000 | 0 | 64,017,820 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 15,217,820 | 2,040,000 | 2,760,000 | 17,600,000 | 22,000,000 | 4,400,000 | 0 | 64,017,820 |

## RENOVATION AND MAINTENANCE OF EXISTING CITY FACILITIES

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| ADA Accessibility | Essential | 25 years | All subtasks in this project are managed by the Department of General Services |
| Capital Facilities Maintenance Plan | Essential | 25 years | |
| Space Management Program | Very Desirable | 25 years | |
| Courthouse Garage | Essential | 25 years | |
| Fire Station Renovations | Essential | 25 years | |
| New Fire Station | Essential | 25 years | |
| Flora Krause Casey Center | Desirable | 25 years | |
| 405 Cameron Street | Essential | 25 years | |
| Impounding Office | Desirable | 25 years | |
| Payne Street Records Facility | Desirable | 25 years | |
| Detention Center | Essential | 25 years | |
| Public Safety Center Slab Replacement | Essential | 25 years | |
| Police Pistol Range | Desirable | 25 years | |
| Mental Health Residential Facilities | Essential | 15 years | |
| Office of Sheriff Capital Facilities Maintenance Plan (CFMP) | Essential | 25 years | |
| Old Animal Shelter Re-Use | Very Desirable | 25 years | |

## RENOVATION AND MAINTENANCE OF EXISTING CITY FACILITIES

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Safe Haven Facility | Desirable | 25 years | All subtasks in this project are managed by the Department of General Services |
| Torpedo Factory Repairs | Essential | 25 years | |
| Elevator Repairs | Essential | 25 years | |
| Emergency Generators | Very Desirable | 15 years | |
| Emergency Operations Center | Desirable | TBD | |

Project Summary: This project provides for on-going renovations and essential capital maintenance needs of various City facilities, including the repair and replacement of major structural components and mechanical equipment. In addition, this project seeks to enhance the physical security of City facilities, to remove physical barriers to persons with disabilities at City facilities, to improve the effective use of City facilities, and to ensure that City facilities comply with environmental regulations.

Access for Persons with Disabilities/Handicapped Accessibility: 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. ADA improvements will be completed as part of renovations at the Durant Center, Burke Library, Public Safety Center and in other City owned buildings. In recognition of the ongoing requirement to meet ADA mandates,$35,000 per year (FY 2007-FY 2012) is budgeted.

Capital Facilities Maintenance Plan (CFMP): The CFMP is 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. A total of $3.6 million over six years (FY 2007-FY 2012) has been approved to fund the CFMP. Of the $500,000 budgeted for the FY 2007 CFMP, $125,000 is provided for the painting and wall covering of all City facilities. In addition, an estimated $211,000 is dedicated to mechanical, electrical and plumbing (MEP) systems replacements, $82,000 will provide for building capital repairs including windows, roofs and exterior brick point up, and $82,000 for planned floor covering replacements.

## RENOVATION AND MAINTENANCE OF EXISTING CITY FACILITIES

Space Management Program: This is a City-wide program that 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 will be the relocation of several agencies from City Hall to other leased or City-owned space and the backfill and renovation of the vacated space. An additional $400,000 in FY 2008 for a total of $700,000 has been budgeted to initiate and execute this program. In FY 2008, the major focus of this program will be the re-planning and changes to certain office and meeting room space in City Hall; the initial re-use of the former Health Department facility; and the professional support required in relation to the long term planning required for the future location of the Department of Human Services and Mental Health/Mental Retardation and Substance Abuse (MH/MR/SA).

Courthouse Garage: 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 existing businesses with parking and providing new business ventures with access to parking. The garage was built in the early 1980's and 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. The restoration plan calls 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. Demolition of concrete at the facility began in the Fall of 2005 and substantial completion is expected in Summer 2006.

Fire Station Renovations: In the context of the FY 1996 - FY 2001 Capital Improvement Program, a project task was established to provide a multi-year funding plan for essential renovations of the City's eight fire stations. The City's fire stations, on average, are over 42 years old. Funding in FY 2007 to FY 2012 for continued facility maintenance repairs to the City's fire stations is $225,000 annually. 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.

An additional $120,000 has been budgeted in FY 2008 for the purchase and installation of a replacement truck lift for the Fire Department Maintenance facility. The current lift has been in place for more than 20 years and has been renovated twice, the last being in 2003, to both extend the most rearward lift to accommodate the longest fire apparatus and to add new lift cylinders and pump to upgrade the weight capacity to 72,000 gross vehicle weight (GVW). With the purchase of the latest aerial truck, the lift no longer has the weight capacity to safely lift the truck and is ineffective for use on straight design aerial trucks due to axle spacing that does not allow lifting of a tandem axle system. A renovation of the current lift would not be cost effective since a complete overhaul is now required. The new lift would have a 90,000 GVW capacity as well as the capability to lift the straight design aerial trucks.

A total of $481,500 remains to complete the capital interior and mechanical renovations to Fire Station; as well as for other fire station renovations.

New Fire Station (FS 209): $150,000 was allocated in October 2004 to perform a comprehensive needs study for a new fire station location in the City focusing primarily on the Eisenhower Valley. The study is a multi-phase project to study response times and service requirements based on established standards with a goal to construct a new facility. A total

of $2.95 million ($600,000 in unallocated prior year monies and $2.35 million in FY 2007) has been budgeted for the design and land acquisition (but not construction) required for a new fire station. Land acquisition costs represent a placeholder as the land and its market value have not yet been identified. These amounts will need to be increased in a future CIP once the study is completed, and a location is identified.

Flora Krause Casey Health Center: $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. Design is scheduled to be completed in FY 2006, with construction to begin in Spring 2006. $5,000 is budgeted in the out-year (FY 2012) as a placeholder in the vent that further capital improvements at the facility are required in a future CIP.

405 Cameron Street: This project entails the renovation of the facility located at 405 Cameron Street including mechanical and electrical systems, and accessibility and life safety requirements. The facility has not been remodeled or upgraded in more than 15 years and is currently targeted for re-use as part of the on-going space program as agencies are relocated to other facilities. The Office of Historic Alexandria (OHA) which previously occupied space at 405 Cameron Street was relocated to the Lloyd House in FY 2004.

In FY 2005, after further study, it was determined that 405 Cameron Street is not adequate nor cost effective for re-use as a public or permanent agency facility due to the significant renovations that would be required to make it useable for those purposes. The facility may well serve as swing space during construction or for programs not requiring significant public use or access. As a result of these findings, the remaining $100,000 in unallocated prior year monies has been reprogrammed to the new "Old Animal Shelter Re-use " project in this Proposed FY 2007 - FY 2012 CIP. $5,000 is budgeted in the outyear (FY 2012) as a placeholder in the event that further capital improvements at the facility are required in a future CIP.

Impounding Office: $5,000 is budgeted in the out year (FY 2012) as an indication that monies may be required in a future CIP for improvements at the Impound Lot.

Payne Street Records Center: This project will create 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. This project includes the replacement of the HVAC system, roofing repairs over the print shop and archives area, waterproofing, and improvements to the air quality and air conditioning in the room used by the Registrar of Voters to store voting equipment. $35,000 in unallocated prior year monies remains for the installation of mobile high-density shelving to increase storage capacity of Room A (short-term records storage) of the Payne Street Archives and Records Center by 50 percent.

Office of Sheriff Capital Facilities Maintenance Plan (CFMP): A new project not previously in the CIP. $1.2 million over six years (FY 2007 - FY 2012) has been budgeted to address capital needs at the facilities managed by the Office of the Sheriff, primarily the Detention Center. These capital needs include mechanical equipment replacement; a lighting study; upgrades for the prisoner-attorney conference area; expansion of the uninterrupted power supply (UPS) system; and repair, caulking and repainting the exterior windows of the Detention Center.

## RENOVATION AND MAINTENANCE OF EXISTING CITY FACILITIES

Public Safety Center Slab Replacement: The Public Safety Center (PSC), completed in 1987, currently provides inadequate space for the City's Police Department, Office of the Sheriff and Magistrate in a combined facility located at 2003 Mill Road. Also, over the past 16 years significant first floor, 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 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. The previous occupants of the second and third floors have been moved to the interim leased space described above. $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. Construction is scheduled to be completed in Winter 2009.

Union Station: In December 2000, Union Station was acquired by the City to make this important facility and its property an asset of the City and the public thereby ensuring that the historic, 99 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. The study is considering improvements to either the Ramsay House or 132 North Royal Street for use as a visitors center.

Pistol Range: This project contemplates noise containment measures at the open-air Police Department Pistol Range and is funded in FY 2008 at a funding level of $377,850. Noise complaints have increased in the area surrounding the indoor/outdoor firing range, due to the increase in residential development in Cameron Station and in the Eisenhower Valley and the use of the range by various law enforcement agencies. Noise containment will include the installation of a roof at the facility. This project will now be funded solely with City monies as adjacent developer contributions are no longer anticipated.

Mental Health (MH) Facilities: A total of $530,000 over six years (FY 2007 - FY 2012) is budgeted to provide for the capital replacement and repair requirements at City-owned and operated group homes. 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. A total of $718,620 has been allocated to date to address the repair and maintenance items at these facilities and any additional facilities identified by General Services and/or Mental Health staff. Mental Health staff have subsequently identified a number of additional facilities to be surveyed. $155,000 in prior year unallocated monies also remain to address repairs at these facilities.

## RENOVATION AND MAINTENANCE OF EXISTING CITY FACILITIES

Safe Haven Facility: $645,000 in unallocated prior year monies remain for the re-use of the vacated Patrick Street Clubhouse facility as a Safe Haven facility. The Clubhouse Program was relocated in Summer 2004 to space in the new Health Department building on 4480 King Street, purchased by the City in FY 2002. State grant funds and Department of Mental Health, Mental Retardation and Substance Abuse (MH/MR/SA) funds will finance the balance of the costs to renovate this facility.

Torpedo Factory Repairs: The City is responsible for all capital building maintenance subsequent to its repurchase of this building in August 1998. The CIP contains monies to address the most critical repair and major maintenance needs. $1.5 million has been allocated for the repair of the exterior walls and chimney; replacement flooring and window blinds; and the replacement of the roof, elevator and heating, ventilation and air conditioning (HVAC) system. Repair of the concrete facade was completed in FY 2000. A study was completed in Summer 2005 for the replacement of the HVAC and lighting systems. The design of the HVAC system replacement will be completed in FY 2006 with construction to be completed in FY 2007. The remaining work will be phased throughout FY 2006 and into FY 2007. $5,000 is budgeted in the out-year (FY 2012) as a placeholder in the event that additional capital maintenance and/or repairs are required at the facility in a future CIP.

Emergency Operations Center (EOC): A total of $270,000 ($195,000 in unallocated prior year monies and $75,000 in FY 2008) remains budgeted for modifications to the current Emergency Operations Center (EOC) and the initial planning for the future location and requirements for a new EOC.

Emergency Generators: A total of $1.1 million is budgeted for the systematic planned replacement of generators at City facilities. In FY 2006, two generators are scheduled to be replaced at City facilities, including the Courthouse and the Public Safety Center. In FY 2008, four generators are scheduled to be replaced at City facilities including the General Services Fleet Services Division, the former Health Department building, Casey Clinic and the Lee Center. Funding for this project has been accelerated. As a result, funding in the out years (FY 2009 - FY 2012), in the amount of $1,062,000, has been moved up to FY 2008.

Elevator Replacements/Refurbishment: A total of $1.0 million over five years has been budgeted for the planned systematic replacement of elevators and /or their major operating components at select City facilities over the next five years. $660,000 budgeted in FY 2007 will be used for the replacement of the elevators at the District Courthouse. The $85,000 per year from FY 2009 to FY 2012 will be used for upgrades and replacements at other City facilities.

Although the City has a planned elevator maintenance program, wear and tear resulting from extensive use coupled with the general useful life of elevators necessitates the capital replacement or refurbishment of these elevators.

Old Animal Shelter Re-Use: A new project not in a previous CIP. 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 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 the old animal shelter facility as a City warehouse.

## RENOVATION AND MAINTENANCE OF EXISTING CITY FACILITIES

Change in Project From Prior Fiscal Years:

- A total of $3.6 million has been budgeted over six years (FY 2007-FY2012) for capital facilities maintenance;

- Annual funding for Americans With Disabilities (ADA) improvements, in the amount of $35,000, has been extended to FY 2012;

- An additional $400,000 has been budgeted, for a new total of $700,000 in FY 2008, in the Space Management project to address the initial re-use of the former Health Department facility and for the professional support required for the long- term planning of the future location of the Department of Human Services and MH/MR/SA;

- Annual funding for Fire Station Renovations, in the amount of $225,000, has been extended to FY 2012;

- $650,000 of $3,000,000 budgeted in FY 2007 has been eliminated for the initial phase of design and land acquisition for the New Fire Station in a yet to be determined location.

- $120,000 has been budgeted in FY 2008 for the purchase and installation of a replacement fire truck lift at the Fire Department Maintenance facility;

- A total of $530,000 over six years (FY 2007-FY2012) has been budgeted for corrective repairs and capital maintenance at the City's mental health facilities;

- Total funding in the out-years (FY 2009 - FY 2012), in the amount of $800,000, budgeted for the planned systematic replacement of emergency generators at City facilities has been accelerated and moved up to FY 2008. In addition, $262,500 budgeted for FY 2007 has been shifted to FY 2008;

- Annual funding for the planned systematic replacement of elevators and/or their major operating components at select City facilities, in the amount of $85,000, has been extended to FY 2012;

- A total of $1.2 million over six years (FY 2007 - FY 2012) has been budgeted for capital maintenance and repair items at facilities managed by the Office of the Sheriff, in particular the City's Detention Center;

- A total of $128,298 in unallocated prior year funds from completed capital projects or projects in which the remaining balance was no longer needed, was reprogrammed to the new Old Animal Shelter Re-Use project to fund the build-out of the old animal shelter facility on South Payne Street for re-use as a City warehouse facility;

- The noise containment project at the City's Police Pistol Range will now be funded solely with City monies, in the amount of $377,850, as adjacent developer contributions are no longer anticipated.

- $170,000 in unallocated prior year monies no longer required for the Union Station improvement project have been reprogrammed to the Visitor's Center redesign project.

- $148,000 no longer required for the T&ES/General Services Truck Wash and $50,820 no longer required for the T&ES Field Office have been reprogrammed to the new Business Center Drive/City Government Center project for the relocation of a number of City public works and infrastructure functions in order to accommodate the construction of a new Police facility.

# RENOVATION AND MAINTENANCE OF EXISTING CITY FACILITIES

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY+ 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 5 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| OLD ANIMAL SHELTER RE-USE | 128,298 | 0 | 0 | 0 | 0 | 0 | 0 | 128,298 |
| HANDICAPPED ACCESSIBILITY | 0 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 210,000 |
| CAPITAL FACILITIES MAINTENANCE PLAN | 600,000 | 500,000 | 700,000 | 600.000 | 600,000 | 600,000 | 600,000 | 4,200,000 |
| SPACE MANAGEMENT PROGRAM | 0 | 0 | 700,000 | 0 | 0 | 0 | 0 | 700,000 |
| COURTHOUSE | 12,336 | 0 | 0 | 0 | 0 | 0 | 0 | 12,236 |
| EOC | 195,000 | 0 | 75,000 | 0 | 0 | 0 | 0 | 270,000 |
| EMERGENCY GENERATORS | 385,000 | 0 | 1,062,500 | 0 | 0 | 0 | 0 | 1,447,500 |
| OFFICE OF THE SHERIFF CFMP | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 |
| FIRE STATION RENOVATIONS | 481,500 | 225,000 | 345,000 | 225,000 | 225,000 | 225,000 | 225,000 | 1,951,500 |
| NEW FIRE STATION | 600,000 | 2,350,000 | TBD | 0 | 0 | 0 | 0 | 2,950,000 |
| FLORA KRAUSE CASEY CLINIC | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| ELEVATOR REFURBISHMENT | 0 | 660,000 | 0 | 85,000 | 85,000 | 85,000 | 85,000 | 1,000,000 |
| 405 CAMERON ST RENOVATION | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| IMPOUND LOT | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| PAYNE STREET CENTER | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 35,000 |
| PUBLIC SAFETY CENTER SLAB REPLACEMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DETENTION CENTER (JAIL) | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| PISTOL RANGE | 0 | 0 | 377,850 | 0 | 0 | 0 | 0 | 377,850 |
| MH RESIDENTIAL FACILITIES | 155,000 | 77,500 | 152,500 | 75,000 | 75,000 | 75,000 | 75,000 | 685,000 |
| SAFE HAVEN FACILITY | 645,000 | 0 | 0 | 0 | 0 | 0 | 0 | 645,000 |
| TORPEDO FACTORY REPAIRS | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 5,000 |
| TOTAL PROJECT | 3,237,134 | 5,832,500 | 2,512,850 | 1,220,000 | 1,220,000 | 1,220,000 | 1,245,000 | 16,487,484 |
| LESS REVENUE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 3,237,134 | 5,832,500 | 2,512,850 | 1,220,000 | 1,220,000 | 1,220,000 | 1,245,000 | 16,487,484 |

## CITY VISITOR CENTER

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Visitor Center Improvements | Very Desirable | 10 years | Office of Management and Budget |

Project Summary: This project provided initial funds for the planning for the possible development of a new or improved visitors center to be operated by the Alexandria Convention and Visitors Association (ACVA). 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 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.

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. The mission of the ACVA is to promote the facilities, restaurants, attractions, retail businesses and events of the City in order to maximize tax revenues and to share the unique heritage of the City with visitors.

Project Description: $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 remains in the capital budget to undertake the studies outlined in #1 and #3 above.

Change In Project From Prior Fiscal Years:

- $170,000 in unallocated prior year monies no longer required for the Union Station improvements project has been reprogrammed to the City Visitors Center project. As a result, a total of $259,000 in prior year unallocated monies remains in the capital budget to undertake the studies outlined in #1 and #3 above.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| VISITOR CENTER/ TOURISM | 259,000 | 0 | 0 | 0 | 0 | 0 | 0 | 259,000 |
| TOTAL PROJECT | 259,000 | 0 | 0 | 0 | 0 | 0 | 0 | 259,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 259,000 | 0 | 0 | 0 | 0 | 0 | 0 | 259,000 |

# Regional Public Safety

## NORTHERN VIRGINIA JUVENILE DETENTION HOME

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Northern Virginia Juvenile Detention Home | Essential | Not applicable at this time | Office of Management and Budget |

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Project Summary: 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. 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. State funding decreased by 23 percent in FY 2003, so the local share increased. State funding is not anticipated to increase in FY 2006.

Project Description: 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 how security needs to be improved 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. These 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 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. Upon completion and inspection of the project by the Department of Juvenile Justice, the State will reimburse the Detention Center 50 percent of the project cost. The localities will also receive reimbursement at 50 percent of their contribution.

The contribution for the City of Alexandria is $435,565. The City will then be reimbursed 50 percent of this cost, or $218,000. After the reimbursement, the total City share of the project is $218,000.

Estimated Impact on Operating Budget: In FY 2007, a total of $1,339,975 is included in the operating budget (Other Public Safety and Justice Activities) for the City's share of operating budget costs.

## NORTHERN VIRGINIA JUVENILE DETENTION CENTER

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONSTRUCTION | 436,000 | 0 | 0 | 0 | 0 | 0 | 0 | 436,000 |
| TOTAL PROJECT | 436,000 | 0 | 0 | 0 | 0 | 0 | 0 | 436,000 |
| LESS REVENUES | 218,000 | 0 | 0 | 0 | 0 | 0 | 0 | 218,000 |
| NET CITY SHARE | 218,000 | 0 | 0 | 0 | 0 | 0 | 0 | 218,000 |

## PEUMANSEND CREEK REGIONAL JAIL

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Capital Contribution | Essential | 40 years | Office of Management and Budget |

Project Summary: The Peumansend Creek Regional Jail opened September 7, 1999 as a facility to house low-risk, non-violent inmates in a minimum security setting. The facility is located at Fort A.P. Hill, an Army base in Caroline County, Virginia approximately 50 miles south of Washington, D.C. In September 1994, City Council approved the Service Agreement establishing the financial and operational commitments of the member jurisdictions regarding the design, construction and operation of the jail. 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.

Project Description: 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. 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. Although Fairfax County decided not to participate in the regional jail, the City of Richmond subsequently decided to join in this regional effort.

The City entered into an agreement in September 1994 with five other Virginia localities for the construction and operation of a 336 bed regional jail to be located at Fort A.P. Hill in Caroline County. 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 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. 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). The Authority issued revenue bonds in the Spring of 1997.

The capital costs reflected in this project are the City's payments based on the actual bond issuance in March 1997. For FY 2007, the City has budgeted a debt service payment of $157,332.

Project Costs to Date: Prior to the annual debt service payments that began in FY 1998, the City paid a total of $74,018 for its share of planning and one-time capital contribution costs for this regional facility.

## PEUMANSEND CREEK REGIONAL JAIL

Estimated Impact on Operating Budget: In FY 2007, a total of $546,688 is included in the operating budget (Other Public Safety and Justice Activities) for the City's share of operating budget costs.

Change In Project From Prior Fiscal Years:

- $157,332 has been budgeted in FY 2007 for the City's annual debt service payment based on the actual bond issuance in March 1997.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONTRIBUTIONS | 126,275 | 157,332 | 152,708 | 146,500 | 141,368 | 136,272 | 129,212 | 989,667 |
| CONSTRUCTION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PROJECT | 126,275 | 157,332 | 152,708 | 146,500 | 141,368 | 136,272 | 129,212 | 989,667 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 126,275 | 157,332 | 152,708 | 146,500 | 141,368 | 136,272 | 129,212 | 989,667 |

# Traffic Improvements and Rapid Transit

## TRAFFIC SIGNAL MAINTENANCE AND TRAFFIC CONTROL COMPUTER

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Traffic Signal Maintenance | Essential | 10 - 15 years | T&ES |
| Traffic Control Computer | Essential | 10 - 15 years | T&ES |

Project Summary: This project provides for the maintenance and upgrade of the City's traffic control facilities in order to ensure traffic safety and to optimize traffic flow in the City. It also provides for the signalization of intersections that are currently passively controlled with stop or yield signs. In addition, this project provides for the replacement and upgrade of existing traffic control facilities, including the central traffic computer.

Traffic Control Facilities: The annual budget for the installation, replacement and/or upgrade of traffic signal equipment will be used to replace or improve equipment at intersections that require a high level of maintenance. A total of $850,000 per year (FY 2007-FY 2012) has been budgeted to further enhance pedestrian safety and replace or upgrade the existing traffic signal infrastructure . Of the total $850,000, $480,000 is for fixed equipment and $370,000 is for signs and signals and includes the following: $250,000 per year for the installation of new traffic signals; $100,000 per year for the installation of illuminated way-finding signs; $50,000 per year for the installation of multi-sensory signals for pedestrians with vision or hearing impairments; $50,000 per year for the installation of LED signal indicators; $250,000 per year for the upgrading of existing traffic signals including the replacement of mast arms; $50,000 per year for new pedestrian signals; and $100,000 for monitoring and recording traffic volume information. $180,000 over three years ($90,000 in unallocated prior year monies and $45,000 per year (FY 2007-FY 2008)) has been budgeted to replace existing school flashers with new flashers and provide a central control system for their operation. In addition, $732,000 in unallocated prior year monies remain budgeted to provide signal optimization on Duke Street that will keep pedestrians and vehicles moving through this corridor; and $193,000 in unallocated prior year monies remain for signal optimization in the west end of the City that will focus on traffic patterns. Both of these projects are 100 percent grant funded (RSTP grant funds for Duke Street and federal Congestion Mitigation and Air Quality (CMAQ) monies for west end signal optimization) with no City share.

Traffic Control Computer: The Virginia Department of Transportation (VDOT) has placed a high priority on the need to upgrade traffic signal systems throughout Northern Virginia. The upgrades will provide greater reliability and flexibility for better management of traffic flow, both in peak and off-peak periods, and will contribute toward improving regional air quality. 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. $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. This project will consist of two phases. Phase I was the installation of the new traffic computer and traffic computer room upgrades, which is complete. Phase II is 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. An additional

## TRAFFIC SIGNAL MAINTENANCE AND TRAFFIC CONTROL COMPUTER

$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 III will include completing the installation of the fiber optic communications cable and the installation of video detection surveillance equipment.

$750,000 has been budgeted from FY 2009 to FY 2012 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.

Change In Project From Prior Fiscal Years:

- Annual funding, in the amount of $850,000 per year has been extended to FY 2012; and

- $750,000 budgeted to upgrade the new central computer hardware and software has been extended to FY 2012. These upgrades are projected be funded with federal Congestion Mitigation and Air Quality (CMAQ) monies.

## TRAFFIC SIGNAL MAINTENANCE AND TRAFFIC CONTROL COMPUTER

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| TRAFFIC CONTROL COMPUTER | 3,500,000 | 0 | 0 | 750,000 | 750,000 | 750,000 | 750,000 | 6,500,000 |
| SIGNAL OPTIMIZATION | 193,000 | 0 | 0 | 0 | 0 | 0 | 0 | 193,000 |
| SCHOOL FLASHERS | 90,000 | 45,000 | 45,000 | 0 | 0 | 0 | 0 | 180,000 |
| DUKE STREET TRAFFIC SIGNALS | 732,000 | 0 | 0 | 0 | 0 | 0 | 0 | 732,000 |
| FIXED EQUIPMENT REPLACEMENT | 670,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 3,550,000 |
| SIGNS/SIGNALS | 780,000 | 370,000 | 370,000 | 370,000 | 370,000 | 370,000 | 370,000 | 3,000,000 |
| TOTAL PROJECT | 5,965,000 | 895,000 | 895,000 | 1,600,000 | 1,600,000 | 1,600,000 | 1,600,000 | 14,155,000 |
| LESS REVENUES | 3,925,000 | 0 | 0 | 750,000 | 750,000 | 750,000 | 750,000 | 6,925,000 |
| NET CITY SHARE | 2,040,000 | 895,000 | 895,000 | 850,000 | 850,000 | 850,000 | 850,000 | 7,230,000 |

## ALEXANDRIA TRANSIT CORPORATION (ATC) BUSES

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Bus Replacement | Essential | 10 years | T&ES |
| Bus Shelters | Essential | 20 years | T&ES |
| ADA Accessible Ramps and Loading Platforms | Essential | 20 years | T&ES |

Project Summary: This project provides for the addition and replacement of buses to the DASH fleet, for capital maintenance needs at the DASH facility, and for the installation of bus shelters throughout the City. Previously funds were provided for the acquisition of land for a new DASH facility. (Please refer to the operating budget document section on "Transit Subsidies" for additional information on funding for transit operating expenses.)

Bus Replacement: 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 as of the end of FY 2005, to 59 buses. This project provides for the phased replacement of older buses so that new buses are available as vehicles reach their average useful life of approximately 12 years.

The 2007 DASH Transit Development Program (TDP) includes the following scheduled replacements of buses by model year and fiscal year:

| Bus Model Year | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 | Total |
|---|---|---|---|---|---|---|---|
| 1996 | 4 | 4 | 2 | | | | 10 |
| 1998 | | | 3 | 5 | 2 | | 10 |
| 1999 | | | | | 3 | 2 | 5 |
| 2000 | | | | | | 4 | 4 |
| Total Buses | 4 | 4 | 5 | 5 | 5 | 6 | 29 |

The City's FY 2006 - 2011 Approved CIP included $1,285,000 in fiscal years 2006 - 2008; and $1,607,000 in fiscal years 2009 through 2011. The FY 2007 - 2012 Proposed CIP includes the following changes to reflect an increase in the cost of one bus from $321,250 each to $334,750 each, including related equipment and the extension of funding for 6 buses to be purchased in FY 2012.

FY 2007 - Increases $54,000, from $1,285,000 to $1,339,000;
FY 2008 - Increases $54,000, from $1,285,000 to $1,339,000;
FY 2009 - Increases $66,750, from $1,607,000 to $1,673,750;
FY 2010 - Increases $66,750, from $1,607,000 to $1,673,750;
FY 2011 - Increases $66,750, from $1,607,000 to $1,673,750;
FY 2012- $2,008,500 is added.

## ALEXANDRIA TRANSIT CORPORATION (ATC) BUSES

DASH Land Acquisition/Facility: 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. The estimated cost to construct a new DASH facility (without an enclosed bus storage area) is approximately $22.8 million. A total of $23.3 million in unallocated prior year monies remain in this CIP for the construction of the new facility, which is offset by approved VDOT monies. Funds are not reflected at this time for construction of a covered shelter for parked DASH buses as State funds currently allocated are not sufficient for that portion of the project. However, it is expected that a financing plan will be worked out with VDOT so that the full scope of this facility project can be funded. The estimated total cost for the construction of a new DASH facility with an enclosed bus storage area is approximately $35.0 million. Additional VDOT monies to enclose the bus parking area have been requested to be reprogrammed from other projects to fully fund the construction of this facility. The planned 61,000 square foot DASH bus facility will include the functions of DASH Transportation and Administration; Bus Maintenance; service and inspection lanes; a possible bus storage facility and a shared parking deck for DASH, T&ES maintenance and off-hour public use.

Bus Shelters: A total of $360,000 over four years (FY 2007-FY 2010) is budgeted 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. $50,000 of $90,000 previously budgeted for FY 2007 has been moved to FY 2008, leaving $40,000 for FY 2007 and $140,000 for FY 2008. Annual funding of $90,000 per year is budgeted in FY 2009 and FY 2010. T&ES will also be seeking federal funds to rebuild and replace some of the existing Metrobus shelters in the City.

ADA Accessible Ramps and Loading Platforms: $10,000 per year through FY 2010 is budgeted to provide funding to improve 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.

Change In Project From Prior Years:

- $50,000 of $90,000 previously budgeted for FY 2007 has been moved to FY 2008, leaving $40,000 for FY 2007 and $140,000 for FY 2008. Annual funding of $90,000 per year is budgeted in FY 2009 and FY 2010.

- Annual funding for ADA accessible ramps and loading platforms, in the amount of $10,000 per year, has been extended to FY 2010; and

- A total of $9.7 million has been budgeted over six years for the replacement of a total of 29 buses over this period. These buses will be funded by $5.2 million in State Urban Funds. Additional funding, in the amount of $4.5 million, from City, State or federal sources will be needed to fully fund this DASH bus procurement program.

# ALEXANDRIA TRANSIT CORPORATION (ATC) BUSES

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| BUSES | 2,546,780 | 1,339,000 | 1,339,000 | 1,673,750 | 1,673,750 | 1,673,750 | 2,008,500 | 12,254,530 |
| BUS FACILITY | 23,323,000 | 0 | 0 | 0 | 0 | 0 | 0 | 23,323,000 |
| BUS SHELTERS | 60,000 | 40,000 | 140,000 | 90,000 | 90,000 | 0 | 0 | 420,000 |
| ADA ACCESSIBLE RAMPS AND LOADING PLATFORMS | 40,000 | 10,000 | 10,000 | 10,000 | 10,000 | 0 | 0 | 80,000 |
| TOTAL PROJECT | 25,969,780 | 1,389,000 | 1,489,000 | 1,773,750 | 1,773,750 | 1,673,750 | 2,008,500 | 36,077,530 |
| LESS REVENUES | 25,869,780 | 969,100 | 0 | 1,673,750 | 469,250 | 1,673,750 | 375,250 | 31,030,880 |
| NET CITY SHARE | 100,000 | 419,900 | 1,489,000 | 100,000 | 1,304,500 | 0 | 1,633,250 | 5,046,650 |

## BUS & RAIL CAPITAL REPLACEMENT/IMPROVEMENT (WMATA CAPITAL)

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Capital Contribution | Essential | Not applicable | T&ES |

The Washington Metropolitan Area Transit Authority (WMATA) Board of Directors approved "Metro Matters" and "Beyond Metro Matters" Capital Improvement Program (CIP) which identified $1.1 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" and "Beyond Metro Matters" programs total $49.1 million between FY 2007 and FY 2012. State Urban Funds will no longer be used to fund the City's share of the WMATA capital program as those funds contain federal funds which the WMATA "Metro Matters" program cannot accept. An additional $11.0 million, from State sources will be needed to fully fund the City's share of WMATA "Metro Matters" and "Beyond Metro Matters" beginning in FY 2008.

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 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).

1. 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.

2. 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.

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

4. 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.

## BUS & RAIL CAPITAL REPLACEMENT/IMPROVEMENT (WMATA CAPITAL)

City Funding Plan

- The City's overall share of the WMATA six-year CIP, including "Metro Matters" and "Beyond Metro Matters" is $49.1 million.
- $11.0 million starting in FY 2008 in State funding sources will need to be identified and secured.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| BUS/RAIL CAPITAL | 0 | 6,415,000 | 7,441,000 | 8,057,000 | 8,915,000 | 9,047,000 | 9,181,000 | 49,056,000 |
| TOTAL PROJECT | 0 | 6,415,000 | 7,441,000 | 8,057,000 | 8,915,000 | 9,047,000 | 9,181,000 | 49,056,000 |
| LESS REVENUES | 0 | 0 | 2,300,000 | 2,300,000 | 2,400,000 | 2,000,000 | 2,000,000 | 11,000,000 |
| NET CITY SHARE | 0 | 6,415,000 | 5,141,000 | 5,757,000 | 6,515,000 | 7,047,000 | 7,181,000 | 38,056,000 |

## SAFETEA-LU TRANSPORTATION PROJECTS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Federal Transportation Programs | Essential | Not applicable | T&ES |

On August 10, 2005, the President of the United States signed the Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) 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 $11.1 million earmarked for the City of Alexandria.

In December 2005, Governor Warner proposed $625 million in General Fund support for transportation projects and programs over the next two years, which included over $142 million to provide the 20 percent match for all earmarked projects in the recently passed federal transportation bill. That $142 million included $11.1 million to fully fund the SAFETEA-LU projects to be undertaken in the City of Alexandria over the next four years (FY 2006 - FY 2009). These projects include:

1. Royal Street Bus Garage I and II ($4,272,500): for the future relocation of the WMATA bus garage located on the block bound by Royal, Wythe, Pendleton and Pitt Streets.

2. Eisenhower Valley Metro Area I and II: ($3,862,000): 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.

3. City-wide Transit ($1,250,000): for City-wide transit improvements, including the replacement of WMATA bus shelters; additional bus shelters and for amenities such as real-time bus information displays, solar power lighting, and transit information accessible to people with vision impairments.

4. Potomac Yard Transit ($1,250,000): 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.

5. Mill Road Slip Ramp ($500,000): for the design of an access ramp to Interstate 95 at Mill Road to alleviate recurring congestion at the Telegraph Road and Interstate 95 interchange. This project is critical to the region as a means of easing traffic congestion and provides for safe emergency evacuation.

## SAFETEA-LU TRANSPORTATION PROJECTS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| SAFETEA-LU PROJECTS | 0 | 5,475,950 | 2,755,850 | 2,902,700 | 0 | 0 | 0 | 11,134,500 |
| TOTAL PROJECT | 0 | 5,475,950 | 2,755,850 | 2,902,700 | 0 | 0 | 0 | 11,134,500 |
| LESS REVENUES | 0 | 5,475,950 | 2,755,850 | 2,902,700 | 0 | 0 | 0 | 11,134,500 |
| NET CITY SHARE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# Streets and Bridges

## STREETS AND BRIDGES

| | |
|---|---|
| Potomac Yard Road/Bridge Improvements | Monroe Avenue Bridge/Route 1 |
| Bridge Repairs and Maintenance | City-wide |
| King and Beauregard | Intersection of King and Beauregard Streets |
| King Street Metro Station Area | King Street at Diagonal Road |
| Mill Road Realignment | Mill Road |
| Sidewalk, Curb and Gutter Program | City-wide |
| Street and Pedestrian Improvements | City-wide |
| Undergrounding of Utilities/Street Lighting | City-wide |

## POTOMAC YARD ROAD AND BRIDGE IMPROVEMENTS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Potomac Yard Road Improvements | Essential | Permanent | T&ES |

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, consistent with the Alternative Concept Plan conditions approved by City Council on January 25, 2003 when City Council approved the development plan for Potomac Yard.

Project Description: 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, as part of the deliberations, Council expressed its 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, thereby saving the City about $15 million in State Urban Funds.

$372,000 in prior year unallocated monies remain to help fund design and some of the construction oversight for this project.

Change In Project From Prior Fiscal Years:

- Funding has been revised to reflect that the developer will be paying for the construction of the Monroe Avenue Bridge. Therefore, the $42.6 million over four years previously budgeted for this project, as well as the $42.2 million in VDOT monies has been eliminated from this CIP.

## POTOMAC YARD ROAD AND BRIDGE IMPROVEMENTS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ROADWAY IMPROVEMENTS | 372,000 | 0 | 0 | 0 | 0 | 0 | 0 | 372,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 372,000 | 0 | 0 | 0 | 0 | 0 | 0 | 372,000 |

## BRIDGE REPAIRS AND MAINTENANCE

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Bridge Repairs | Essential | 15 years | T&ES |
| Wilkes Street Ramp/Tunnel | Essential | 50 years | T&ES |
| Duke Street Fly-over | Very Desirable | 25 years | T&ES |

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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.

Bridge Repairs: 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. The average age of the City's 28 bridges is 35 years. Signs of deck spalling and cracking are appearing on some bridges, exposing the reinforcing steel. Corrective measures are being taken to forestall the loss of structural integrity before significant deterioration occurs. Bearing repairs, joint sealing, structural and deck rehabilitation work on Telegraph Road bridges over the CSX Railroad and Duke Street, Seminary Road upper deck and Duke Street over Holmes Run are a top priority. Annual funding, in the amount of $250,000 has been extended to FY 2012.

Wilkes Street Ramp/Tunnel: 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. The two abutting rubble retaining walls, which support the open cut ramp on the western tunnel approach, are rapidly deteriorating as a result of approximately 10 years of vegetative root intrusion. This unchecked condition can lead to hidden structural damage and instability. The structural integrity of the rubble retaining walls could not be reliably determined without a structural analysis. In addition, the brick arch inside of the tunnel has lost mortar in various places which is an indication that maintenance and pointing is required to prevent more serious structural deficiencies. In FY 2004 a structural analysis was completed of the bridge. The 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 to vehicles weighing no more that 12 tons, including the re-routing of DASH buses in the area. Other safety related deficiencies were also identified in the study. Several remedial alternatives for the tunnel are being evaluated as they may impact the historic character and significance of the tunnel. $770,322 in prior year unallocated monies remains to address these repairs. It is contemplated that the repairs to the tunnel will commence in Fall 2006 and are scheduled to be completed in Summer 2007.

## BRIDGE REPAIRS AND MAINTENANCE

Pedestrian Access on Duke Street Fly-Over to Cameron Street: The Duke Street fly-over 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 inadequate to serve the increased pedestrian usage and consequently the existing bridge and access ramps will be modified to provide more adequate pedestrian access. $100,000 was allocated in FY 2005 for design, which is scheduled to be completed in Winter 2005, with construction to begin in Spring 2006. A total of $300,000 in prior year unallocated monies remain budgeted to reflect the Congestion Mitigation Air Quality (CMAQ) Federal Grants funds expected to be received for this project ($320,000).

Change In Project From Prior Fiscal Years:

- Annual funding for bridge painting and repair in the amount of $250,000 per year has been extended to FY 2012.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| BRIDGE PAINTING/ REPAIR | 725,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 2,225,000 |
| WILKES ST RAMP/TUNNEL | 770,322 | 0 | 0 | 0 | 0 | 0 | 0 | 770,322 |
| DUKE ST FLY OVER | 300,000 | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| TOTAL PROJECT | 1,795,322 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 3,295,322 |
| LESS REVENUES | 320,000 | 0 | 0 | 0 | 0 | 0 | 0 | 320,000 |
| NET CITY SHARE | 1,475,322 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 2,975,322 |

## KING AND BEAUREGARD INTERSECTION IMPROVEMENTS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Traffic Flow Improvements | Essential | 50 years | T&ES |

Project Summary: This project provides for traffic flow improvements at King Street and Beauregard Street.

Project Description: 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 have 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.

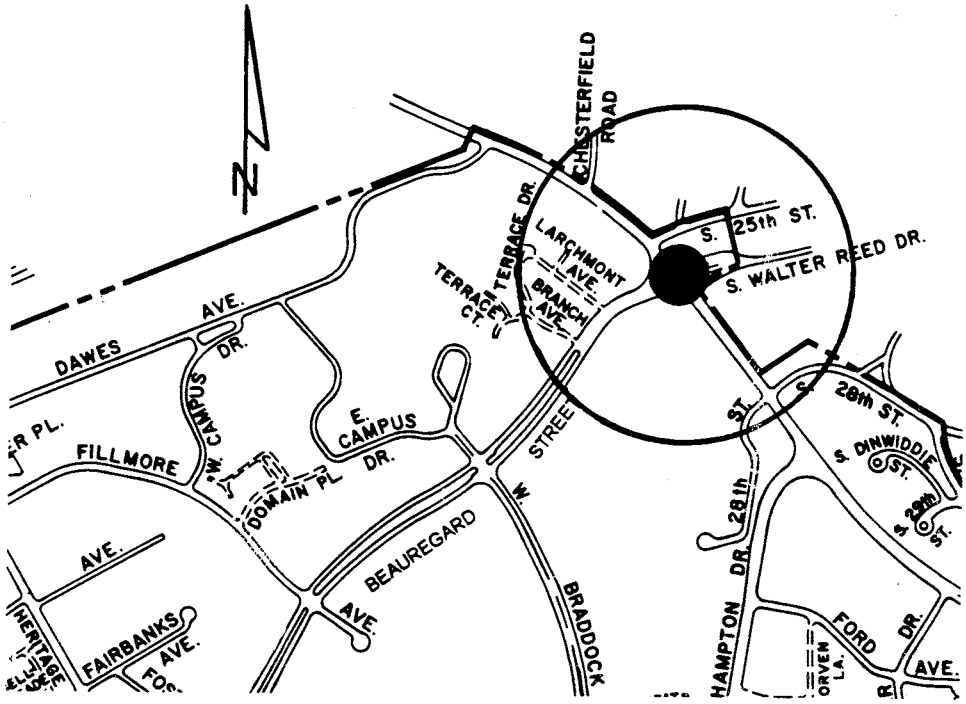
The City is now managing this project and is retaining a consultant to move forward. $2.0 million was allocated in June 2005 for the design of this project. $4.6 million remains unallocated in the prior year for construction with $4.3 million of that total funded in the VDOT Six-Year Plan and $0.3 million funded by the City as the local match. The design phase is expected to continue into FY 2007, with construction to begin in Spring 2007.

Change In Project From Prior Fiscal Years:

- There has been no change in funding for the capital project.

# KING AND BEAUREGARD INTERSECTION IMPROVEMENTS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONSTRUCTION | 4,589,240 | 0 | 0 | 0 | 0 | 0 | 0 | 4,589,240 |
| TOTAL PROJECT | 4,589,240 | 0 | 0 | 0 | 0 | 0 | 0 | 4,589,240 |
| LESS REVENUE | 4,253,000 | 0 | 0 | 0 | 0 | 0 | 0 | 4,253,000 |
| NET CITY SHARE | 336,240 | 0 | 0 | 0 | 0 | 0 | 0 | 336,240 |



## KING STREET METRO STATION AREA

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Metro Station Area Improvements | Essential | 50 years | T&ES |
| Commuter/ Pedestrian Connections | Essential | 50 years | T&ES |

Project Summary: The King Street Metro Station Area portion of the CIP consists of several projects intended to improve bus and pedestrian access to the Metrorail Station.

Pedestrian Access Study: The study, completed by the Washington Metropolitan Area Transit Authority (WMATA), recommended projects for improving King Street Metro Station area pedestrian access and safety. The recommendations were presented to City Council in June of 1999, and the following projects were selected for implementation:

King Street Metro Station North Entrance: This project, which has been completed, improves 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.

King Street Metro Station Platform Extension: This project will improve pedestrian access and safety through the construction of a second platform on the north side of King Street. The platform will be connected to the existing platform on the south side of King Street by a pedestrian overpass. The new platform, which will include fare card readers, stairs, an elevator, and an information kiosk, will improve pedestrian and vehicular safety by allowing pedestrians approaching the station from the north to enter without having to cross heavily trafficked King Street. WMATA will manage the construction. A contract was awarded in calendar year 2003. Project design has been completed and construction is currently underway. WMATA estimates the cost of this project to be 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.

King Street Metro Station Sidewalks: This project will improve pedestrian access and safety by widening the sidewalk along the west side of Diagonal Road from the station to Duke Street. The sidewalks, constructed by WMATA, connect the station with a pedestrian tunnel under Duke Street. This project was completed in July 2004.

## KING STREET METRO STATION AREA

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.

$72,135 in unallocated prior year monies remain budgeted for other King Street Metro Station Area Improvements.

Union Station Pedestrian Improvements: 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.

Other Area Improvements: A variety of other improvements, including direction finding 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.

Change in Project from Prior Fiscal Years:

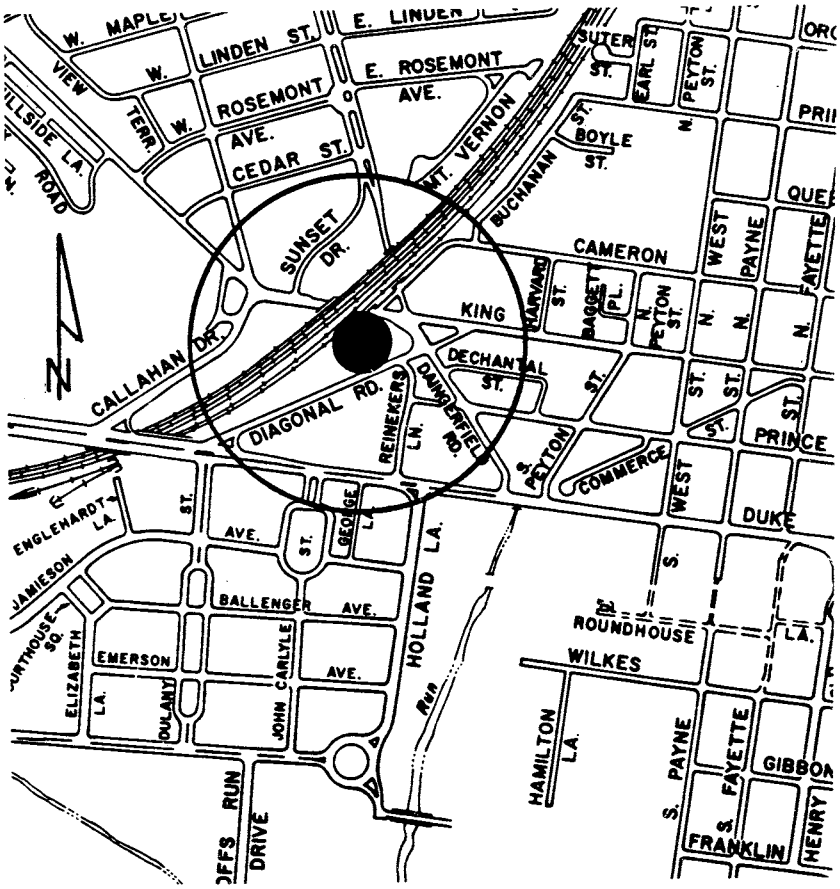
- There has been no change in the funding for this capital project.

## KING STREET METRO STATION AREA

| TASK TITLE | UNALLOCATED PRIOR -FY | FY2007 CURRENT | FY2008 FY+1 | FY2009 FY+2 | FY2010 FY+3 | FY2011 FY+4 | FY2012 FY+5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| AREA IMPROVEMENTS | 72,135 | 0 | 0 | 0 | 0 | 0 | 0 | 72,135 |
| TOTAL PROJECT | 72,135 | 0 | 0 | 0 | 0 | 0 | 0 | 72,135 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 72,135 | 0 | 0 | 0 | 0 | 0 | 0 | 72,135 |

| TASK TITLE | UNALLOCATED PRIOR -FY | FY2007 CURRENT | FY2008 FY+1 | FY2009 FY+2 | FY2010 FY+3 | FY2011 FY+4 | FY2012 FY+5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| COMMUTER/ PEDESTRIAN CONNECTIONS | 101,953 | 0 | 0 | 0 | 0 | 0 | 0 | 101,953 |
| TOTAL PROJECT | 101,953 | 0 | 0 | 0 | 0 | 0 | 0 | 101,953 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 101,953 | 0 | 0 | 0 | 0 | 0 | 0 | 101,953 |

# KING STREET METRO STATION AREA



## MILL ROAD REALIGNMENT

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Phase I Realignment | Essential | 25 years | T&ES |
| Phase II Extension | Essential | 25 years | T&ES |

Project Summary: The realignment of Mill Road (Phase I) was funded under the Virginia Department of Transportation (VDOT) Urban System Improvement Program and the City was responsible for two percent of the project cost for the road construction and 51 percent of all related utility undergrounding. In addition, the City received a developer contribution for 32 percent of the overall project costs. Phase I removed hazardous curves from a portion of the roadway and was completed in Winter 2003. Phase II of the project is to extend the roadway west from the Telegraph Road overpass to Eisenhower Avenue.

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, if constructed, will extend Mill Road west from the Telegraph Road overpass to Eisenhower Avenue, beyond the new Department of Motor Vehicles (DMV) center. The City is reevaluating the design feasibility of Phase II.

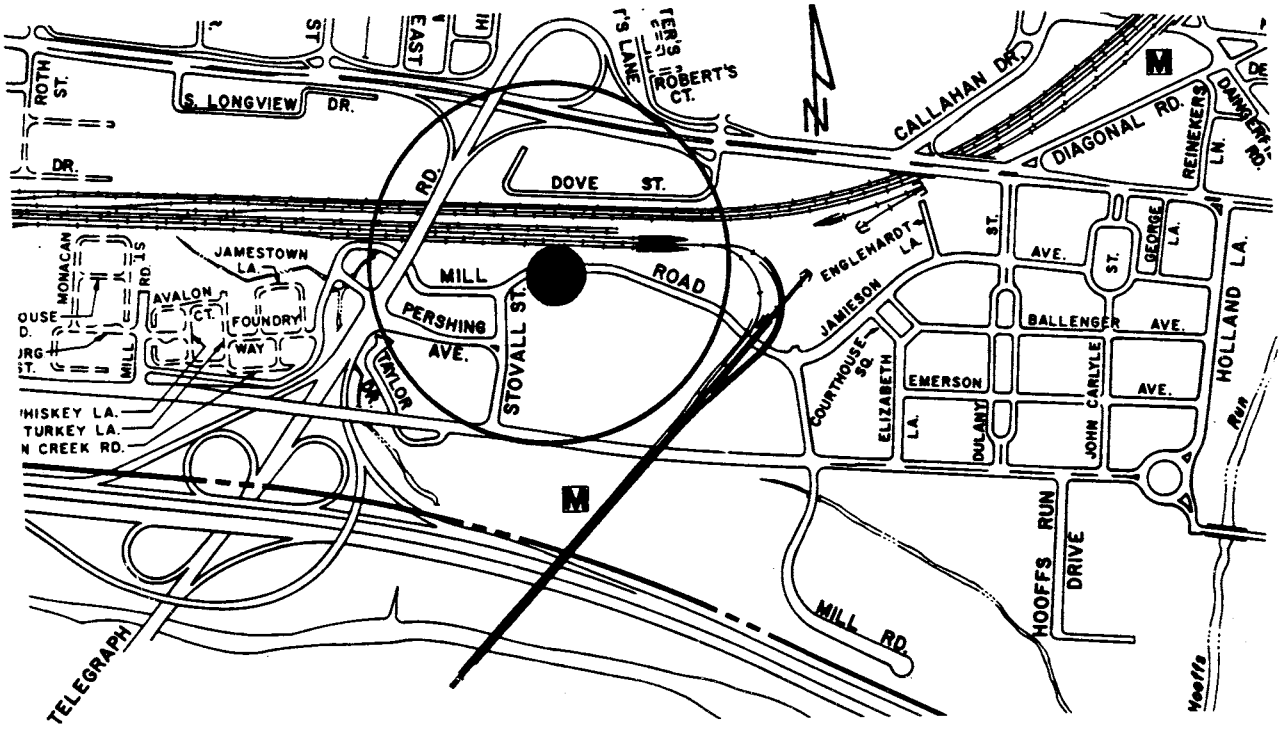
Change In Project From Prior Fiscal Years:

- There has been no change in the planned $4.3 million in State and $0.1 million in local match funding for this capital project.

## MILL ROAD REALIGNMENT

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONSTRUCTION | 1,053,000 | 0 | 500,000 | 1,297,000 | 1,528,000 | 0 | 0 | 4,378,000 |
| TOTAL PROJECT | 1,053,000 | 0 | 500,000 | 1,297,000 | 1,528,000 | 0 | 0 | 4,378,000 |
| LESS REVENUES | 953,000 | 0 | 500,000 | 1,297,000 | 1,528,000 | 0 | 0 | 4,278,000 |
| NET CITY SHARE | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 |

# MILL ROAD REALIGNMENT



## SIDEWALK, CURB AND GUTTER PROGRAM

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Construction and Repair of Sidewalks, Curbs and Gutters | Very desirable | 25 years | T&ES |

Project Summary: This project provides funding for the replacement, construction, and repair of miscellaneous sidewalks, curbs, gutters, crosswalks and access ramps throughout the City. This project, combined as appropriate with the Street and Pedestrian Improvements project, also provides for pedestrian improvements as intersections or areas are identified.

Project Description: 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. Under this arrangement, the City pays a portion of the cost for sidewalk construction previously borne entirely by property owners. This project provides for the City's share of these costs. When sidewalks are requested by property owners, the City generally pays 50 percent of the cost for front sidewalks and 75 percent of the cost for side or back sidewalks.

Change In Project From Prior Fiscal Years:

- At total of $500,000 over five years (FY 2008-FY2012) has been budgeted for this project. $100,000 previously budgeted for FY 2007 has been eliminated.

## SIDEWALK, CURB AND GUTTER PROGRAM

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONSTRUCTION | 400,000 | 0 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 900,000 |
| TOTAL PROJECT | 400,000 | 0 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 900,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 400,000 | 0 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 900,000 |

## STREET AND PEDESTRIAN IMPROVEMENTS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Street Reconstructions | Essential | 25 years | T&ES |
| King/Bradlee | Very desirable | 25 years | T&ES |
| Public Alley - Mt. Vernon Ave | Very desirable | 25 years | T&ES |
| Eisenhower Avenue Widening | Essential | 25 years | T&ES |
| Traffic Calming | Very desirable | 25 years | T&ES |
| Braddock Road | Very desirable | 25 years | T&ES |
| King/Quaker/ Braddock | Very desirable | 25 years | T&ES |
| Slater's Lane | Very desirable | 25 years | T&ES |
| Alley Rehabilitation Program | Essential | 25 years | T&ES |
| Edsall Road | Essential | 25 years | T&ES |
| Madison/ Montgomery Streets | Very Desirable | 25 years | T&ES |
| Transit Facilities Pedestrian Improvements | Very Desirable | 25 years | T&ES |
| Van Dorn Street | Essential | 25 years | T&ES |

Project Summary: This project provides for reconstruction and rehabilitation of residential streets, extension of streets and alleys in conjunction with commercial development, other street extensions and widenings, and traffic and pedestrian safety improvements at locations throughout the City. Specific street reconstruction or extensions that are a one-year term are also included in this project.

Street Reconstructions: This project supports miscellaneous street reconstruction and rehabilitation projects and streetscaping throughout the City. The following streets are under design or construction: Linden Street; Duke Street in the area of North Gordon and Ingram Street; and Maple Street between Commonwealth Avenue and Little Street. Streets identified for re-profiling include Cameron Mills Road; North St. Asaph Street; South St. Asaph Street; Wilkes Street; South Fairfax Street; South Lee Street; and East Reed Avenue. Streets identified for reconstruction due to sanitary sewer replacements include W. Uhler Avenue; Caton Avenue; Forrest Street; Hickory Street; and Sycamore Street. $100,000 per year over six years is budgeted for these projects.

## STREET AND PEDESTRIAN IMPROVEMENTS

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.

$150,000 per year from FY 2007 to FY 2012 has been budgeted for street reconstruction in locations where sanitary sewer replacement projects are planned.

King Street at Bradlee Shopping Center: 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 2011) for future improvements at this location.

Eisenhower Avenue Widening: Eisenhower Avenue between Holland Lane and Stovall Street needs to be widened 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. A total of $18.4 million ($0.4 million in unallocated monies and $18.0 million over six years) is budgeted for the design and initial construction of interim improvements.

The total cost of this entire project is estimated to be as high as $18.4 million depending on land acquisition costs. Funding has been revised in this CIP to reflect what is in the VDOT Six-Year Plan (SYIP). Further discussions with VDOT will need to occur to determine how to advance that State funding to allow for an earlier construction start date than the State plan contemplates. T&ES plans to allocate monies for the design of interim improvements in early CY 2006.

Traffic Calming: $600,000 in annual funding has been budgeted to design and construct physical traffic calming measures within the right-of-way to preserve neighborhoods and enhance safety by diverting cut-through traffic, lowering traffic speeds, and highlighting pedestrian crossing areas. Some measures include speed cushions, raised intersections, center island narrowing and "bulb-outs", 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.

Temporary speed tables have been installed on Monroe Avenue, as well as Crestwood Drive. Traffic calming devices have also been installed in the Rosemont area of the City as part of a pilot program to determine the traffic impact to the neighborhood due to the construction of the new Patent and Trademark Office (PTO). A speed table and raised crosswalks have been installed on Mount Vernon Avenue and in front of the Charles Barrett Elementary School.

Braddock Road Improvements: $200,000 in prior year unallocated monies remains for improvements to the Braddock Road area between West Street and Mount Vernon Avenue. Phase One of this project would include 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. This project will be completed in conjunction with storm sewer improvements at this intersection.

## STREET AND PEDESTRIAN IMPROVEMENTS

King Street/Quaker Lane/Braddock Road Intersection: $798,000 in prior year unallocated City monies ($648,000 in State monies and $150,000 in City share) remain 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.

Slater's Lane: Prior year unallocated monies remain for the redesign and completion of Slater's Lane at Old Town Greens including railroad upgrades, intersection improvements, sign and signal improvements and the extension of Potomac Greens Drive. This redesign amends the current street configuration to adjust to the cancellation of the one-way pair plan. The developer committed to a $456,650 contribution for the City to complete the roadway.

Van Dorn Street Safety Improvements: Safety improvements for this very congested area of Van Dorn Street located between Edsall Road and South Pickett Street were completed in Fall 2003.

Edsall Road - Whiting Street to the West City Line: A total of $1.75 million over five years ($750,000 in unallocated prior year monies and $250,000 per year over four years (FY 2007 - FY 2010)) remains budgeted for the reconstruction of Edsall Road between Whiting Street and the Western City Limits. This project is to be partially funded by $1.5 million in State Urban Funds reallocated from the WMATA capital contribution account. 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.

Madison/Montgomery Street: $1.0 million over two years ($0.5 million in unallocated prior year monies and $0.5 million in FY 2007) remains budgeted to conduct a geophysical study of Madison Street and Montgomery Street between Fairfax and Pitt Streets in order to devise a long-term stabilization solution so that the streets can be reconstructed and initiate and complete reconstruction. Madison and Montgomery Streets between Fairfax and Pitt Streets partially lie over an old abandoned canal that was eventually converted into a land fill. The landfill has contributed to the continual settling of the ground which has contributed to the current unstable roadways in the area. Following the study and implementation of the measures to stabilize the streets, the streets can be reconstructed with the assurance that they will remain in good condition for the full life span (25 years) before requiring routine maintenance. This project will be fully funded by $1.0 million in State Urban funds reallocated from the WMATA capital contributions account.

Transit Facilities Pedestrian Improvements: A total of $937,000 over two years ($440,000 in unallocated prior year monies and $497,000 in FY 2007) remains budgeted for sidewalk improvements at locations adjacent to Metro stations and bus stops, with an emphasis on making pedestrian paths accessible to persons with disabilities. This project is funded by Congestion Mitigation Air Quality (CMAQ) grant monies with a local match of $187,000.

Public Alley at Mount Vernon Avenue: $350,000 has been budgeted ($100,000 in FY 2007 and $250,000 in FY 2008) to provide drainage improvements in the public alley behind the 300 block of Mount Vernon Avenue including the reconstruction of the alley and using a concrete V-ditch, with additional inlets and an underdrain system along the entire length of the alley. There are drainage problems in the alley and the condition of the alley is currently

poor and the drainage problems are affecting the adjoining residences. Design work will be undertaken in FY 2007 with construction targeted for early FY 2008.

Alley Rehabilitation Program: A new project not previously in the CIP. $1.5 million over five years (FY2007-FY2011) is budgeted for the rehabilitation of alleys City-wide. The City is responsible for 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 highest priority projects will likely be the alleys behind the 200 block of East Monroe Avenue; behind the 300 block of North Payne Street; and behind the 1100 block of South Columbus Street.

Change In Project From Prior Fiscal Years:

- Annual funding for Street Reconstruction, in the amount of $100,000 has been extended to FY 2012;
- Annual funding, in the amount of $600,000 for the design and installation of traffic calming measures City-wide has been extended to FY 2012 ;
- Annual funding for street reconstruction required in locations where sanitary sewer replacement projects are planned, in the amount of $150,000, has been extended to FY 2012;
- $200,000 in FY 2007, $400,000 in FY 2008, and $300,000 in FY 2009 to FY 2011 has been budgeted for the rehabilitation of alleys City-wide;
- Funding for the Eisenhower Widening project has been revised to reflect what is in the VDOT Six-Year Plan (SYIP), which is now a total of $18.4 million over five years. However, discussions with VDOT will need to occur to determine how to advance the funding; and
- $250,000 in funding for the construction of drainage improvements in the Mount Vernon Public Alley has been shifted from FY 2007 to FY 2008. $100,000 remains budgeted in FY 2007 for design work.

## STREET AND PEDESTRIAN IMPROVEMENTS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| STREET RECONSTRUCTIONS | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 700,000 |
| WEST END STREETS | 0 | 100,000 | 0 | 100,000 | 0 | 0 | 0 | 200,000 |
| KING/BRADLEE | 0 | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| VAN DORN STREET | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| TENNESSEE AVE | 170,000 | 0 | 0 | 0 | 0 | 0 | 0 | 170,000 |
| EDSALL ROAD | 750,000 | 250,000 | 250,000 | 250,000 | 250,000 | 0 | 0 | 1,750,000 |
| BRADDOCK ROAD | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| SLATER'S LANE | 756,650 | 0 | 0 | 0 | 0 | 0 | 0 | 756,650 |
| PINE STREET | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| BIRCH STREET | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| MACARTHUR ROAD | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| TRANSIT PEDESTRIAN IMPROVEMENTS | 440,000 | 497,000 | 0 | 0 | 0 | 0 | 0 | 937,000 |
| N. FRAZIER STREET | 85,000 | 0 | 0 | 0 | 0 | 0 | 0 | 85,000 |
| N. FROST STREET | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 |
| MADISON/ MONTGOMERY | 500,000 | 500,000 | 0 | TBD | TBD | TBD | 0 | 1,000,000 |
| RECONSTRUCTION DUE TO SANITARY SEWERS | 450,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 1,350,000 |
| KING/QUAKER/ BRADDOCK | 798,000 | 0 | 0 | 0 | 0 | 0 | 0 | 798,000 |
| EISENHOWER WIDENING | 404,000 | 1,925,000 | 5,293,000 | 3,234,000 | 4,708,000 | 2,864,000 | 0 | 18,428,000 |
| TRAFFIC CALMING | 800,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 4,400,000 |
| ALLEY REHABILITATION PROGRAM | 0 | 200,000 | 400,000 | 300,000 | 300,000 | 300,000 | 0 | 1,500,000 |
| MT VERNON PUBLIC ALLEY | 0 | 100,000 | 250,000 | 0 | 0 | 0 | 0 | 350,000 |
| LINDEN STREET | 165,000 | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 |
| TOTAL PROJECT | 5,893,650 | 4,422,000 | 7,043,000 | 4,734,000 | 6,108,000 | 4,064,000 | 850,000 | 33,114,650 |
| LESS REVENUES | 3,054,650 | 3,034,000 | 5,437,000 | 3,419,000 | 4,863,000 | 2,807,000 | 0 | 22,614,650 |
| NET CITY SHARE | 2,839,000 | 1,388,000 | 1,606,000 | 1,315,000 | 1,245,000 | 1,257,000 | 850,000 | 10,500,000 |

## UNDERGROUNDING OF UTILITIES/STREET LIGHTING

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Miscellaneous Undergrounding | Desirable | Permanent | T&ES |
| Old Town Undergrounding | Essential | Permanent | T&ES |
| Street Lighting | Essential | 15 years | T&ES |

Project Summary: This project provides for the comprehensive undergrounding program in Old Town; and the City's share of undergrounding costs for miscellaneous utility wires in the vicinity of new developments. The project also funds the installation of new street lights per citizen requests.

Miscellaneous Undergrounding: The City shares the cost of undergrounding utilities in the vicinity of new developments. Generally, the City pays the lesser of one-half of the cost for undergrounding or $50,000, and the developer pays the remainder. 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.

Funding, in the amount of $125,000 over five years (FY2008-FY2012), is also included in this project for other costs associated with undergrounding in areas of new development or near City capital projects, such as transformer enclosures.

Old Town Undergrounding: 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 cost of this program is shared between the City and Virginia Power. The City installs the conduit and performs the appropriate street restoration, while Virginia Power installs new wiring and equipment and removes the overhead wires and poles. This arrangement is included in the City's thirty-year franchise agreement with Virginia Power. This project also included the undergrounding of Verizon and Comcast utilities at 100 percent City costs. The City has 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 and included the 100 blocks of Prince, South Fairfax and South Lee Streets; the 100, 200, 300, and 400 blocks of South Royal Street and 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.

Phase III of this project, to include the 200 and 300 block of South Lee Street, the 100 and 200 block of Duke Street and the 100 block of Wolfe Street, is currently in the final design stage with construction scheduled to begin in Winter 2006.

## UNDERGROUNDING OF UTILITIES/STREET LIGHTING

Street Lighting: The CIP includes $25,000 annually for the installation of new street lights Citywide. This funding has been extended into FY 2012. It is important to note that new street lighting requests are often in response to community interest in enhanced lighting.

Change In Project From Prior Fiscal Years:

- Annual funding amounts have been extended to FY 2012 for each project;
- $75,000 budgeted in FY 2007 for miscellaneous undergrounding has been eliminated; and
- $500,000 of the 1.0 million budgeted for FY 2007 has been shifted to FY 2008 and $1.0 million budgeted in FY 2008 has been eliminated. This more accurately reflects the funding needs for completing Phase III.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONSTRUCTION UNDERGROUNDING | 350,000 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 600,000 |
| TRANSFORMER ENCLOSURES | 150,000 | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 275,000 |
| OLD TOWN UNDERGROUNDING | 2,400,000 | 500,000 | 500,000 | 1,000,000 | 0 | 1,000,000 | 0 | 5,400,000 |
| NEW STREET LIGHTING | 15,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 165,000 |
| TOTAL PROJECT | 2,915,000 | 525,000 | 600,000 | 1,100,000 | 100,000 | 1,100,000 | 100,000 | 6,440,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 2,915,000 | 525,000 | 600,000 | 1,100,000 | 100,000 | 1,100,000 | 100,000 | 6,440,000 |

# Sewers

## SANITARY SEWER RECONSTRUCTIONS AND EXTENSIONS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Replacement/ Rehabilitation of Sanitary Sewer Lines | Essential | 40 years | T&ES |

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 maintenance project.

Project Description: 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. Streets either under design or under construction include: Timber Branch Drive, West Uhler Avenue, Caton Avenue, Groves Avenue, Forrest Street, Sycamore Street, Hickory Street and Diagonal Road.

Repair of existing, aging sanitary sewers City-wide is an ongoing need, funded at $200,000 each year, from FY 2007 through FY 2012 in the CIP. An additional $1.8 million over six years ($300,000 per year) is budgeted for a comprehensive relining program that will fund the relining of sewers outside of the City's Inflow and Infiltration (I/I) program areas on an annual basis beginning in FY 2007.

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 that are 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.

Construction projects are budgeted at $220,000 each year from FY 2007 through FY 2012. In addition, $100,000 per year from FY 2007 through FY 2012 combined with $300,000 in unallocated prior year monies budgeted for the design of sanitary sewer projects by outside engineering consultants.

## SANITARY SEWER RECONSTRUCTIONS AND EXTENSIONS

Change In Project From Prior Fiscal Years:

- Extend annual funding ($200,000) for relining of sewers into FY 2012;
- Extend annual funding ($220,000) for sanitary sewer construction into FY 2012;
- Extend annual funding ($100,000) for the design of sanitary sewer projects by outside engineering consultants into FY 2012;
- Extend annual funding ($300,000) for the comprehensive relining program so that sewers outside of the City's Inflow and Infiltration (I/I) program areas can be relined into FY 2012; and
- The sanitary sewer line maintenance charge for FY 2007 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. A higher rate may be needed beyond the $1.00 rate in subsequent fiscal years if VADEQ mandates new CSO requirements.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CONSTRUCTION | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,540,000 |
| CONSULTANT FEES | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 700,000 |
| COMPREHENSIVE RELINING PROGRAM | 625,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 2,425,000 |
| RELINING SEWERS | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,400,000 |
| TOTAL PROJECT | 1,145,000 | 820,000 | 820,000 | 820,000 | 820,000 | 820,000 | 820,000 | 6,065,000 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SEWER FEE FUNDED | 1,145,000 | 820,000 | 820,000 | 820,000 | 820,000 | 820,000 | 820,000 | 6,065,000 |

## SEWER REHABILITATION AND POLLUTION ABATEMENT

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Mitigation of Combined Sewer Overflows | Essential | 40 years | T&ES |
| Royal Street Relief Sewer | Very Desirable | 40 years | T&ES |
| Correction of Infiltration/Inflow | Essential | 40 years | T&ES |
| Holmes Run Trunk Sewer | Essential | 40 years | T&ES |
| Sewer Map Update | Essential | As Updated | T&ES |
| Environmental Restoration | Essential | 25 years | T&ES |

Project Summary: This project provides for engineering, planning, design and construction of improvements to the City's combined and separate sanitary sewer systems. The project is required to meet federal and State regulations for the control of combined sewer overflows (CSOs) and separate sanitary sewer overflows (SSOs). Additionally, the project will provide flooding and capacity relief in areas where the capacity of existing sewers is insufficient to handle current and projected flows, and ultimately reduce the CSOs. By implementing this project, the City will be proceeding to upgrade its sewer system infrastructure and bringing it into compliance with federal and State regulations.

Mitigation of CSOs: The City's combined sewer system includes areas east of the railroad corridor (primarily Old Town) and is an area of approximately 560 acres. CSO outfalls (discharge points for wet weather overflows) are located at the foot of Pendleton Street and Royal Street and under Duke Street at Hooff's Run.

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 issued the City a permit for its combined sewer system in 1995. Based on the City's studies, the permit calls for the City to operate and maintain the combined sewer system according to the United States Environmental Protection Agency's (USEPA) technology-based best management practices. The practices are known as the Nine Minimum Controls (NMCs) and form part of the National CSO Control Policy. The nine minimum controls which 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 VADEQ reissued the City's VPDES permit in August 2001. The re-issued permit provides for the nine minimum controls to be the long term CSO control plan for the City. However, there are requirements for increased management, monitoring, evaluations and review over the five year term of the permit. These increased practices include:

- A five year bacteria monitoring and modeling program for Hunting Creek to assess impacts of CSO discharges from Royal Street and Duke Street (via Hooff's Run) outfalls.

- 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.

The City is required to re-apply for its permit during FY 2006 and the permit is expected to be re-issued during FY 2007. As a result of the analysis required under the current permit, 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.

There is $1.83 million in prior year unallocated funds available for this project. These funds will be used for the programs required by the existing permit. Funds in the amount of $1.5 million, or $250,000 per year from FY 2007 to FY 2012, will be used to continue the implementation of permit conditions and solids and floatables control through FY 2012.

Correction of Infiltration/Inflow: This project provides for the evaluation and remediation of infiltration/inflow conditions in older parts of the City's separate sanitary sewer system. The 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 such as down spouts. Loss of capacity due to infiltration/inflow in the Four Mile Run area (tributary to the Commonwealth Interceptor) at times causes sanitary sewer overflows (SSOs) from the Four Mile Run Pump Station.

The correction program was started in FY 1999 when studies were conducted by the City's consultant 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's consultant has been conducting field inspections and flow monitoring of the existing sewers. The field inspections include 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 field work and monitoring is being performed by dividing sewer service areas into sections and proceeding through each section sequentially. Field work has been completed in the sanitary sewer systems tributary to the Commonwealth Interceptor and field work in the Holmes Run sewer service area is being scheduled. The studies show that the sanitary sewers require substantial repairs to correct broken and cracked pipe, root intrusion, leaking joints, damaged connections between street sewers and laterals (house sewer connections) and leaking manholes. Most of the conditions can be remediated by internal repair methods such as installation of an internal lining in the pipe. However, some conditions such as broken pipe will 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.

Funds of approximately $4.2 million were allocated to correct conditions in the separate sanitary sewers in the Four Mile Run, Commonwealth and Taylor Run sewer sheds. The construction phase for the Four Mile Run sewer shed is scheduled to be completed before the end of CY 2005. Construction on the Commonwealth Interceptor sewer shed began in Fall 2005.

Royal Street Relief Sewer: This project, approved in FY 2001, provides for the engineering and construction of relief measures to alleviate flooding at the intersection of Pitt and Gibbon Streets. Based on the findings of the consultant, portions of the combined sewer in areas constructed in the early 1900's are 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 is underway and was scheduled for completion in Summer 2006. However, unforeseen site conditions have caused delays in this project, as well as additional costs. A portion of the project needed to be redesigned to accommodate an unknown utility structure. Additionally, unanticipated contaminated soil was uncovered during construction and remediation efforts have added to the scope of work and has extended the project schedule. As a result, an additional $830,000 has been budgeted in FY 2007 to address the remediation of the contaminated soil and to address the unforeseen site conditions. The project is now scheduled to be completed in Winter 2006.

Holmes Run Trunk Sewer: This project provides for increasing the capacity in the Holmes Run Trunk sewer line that is required to support the 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. However, further analysis has determined that pipe lining alone will not increase capacity sufficiently in the East Eisenhower section. A relief sewer will need to be constructed from Eisenhower Avenue to the Alexandria Sanitation Authority plant. As a result of this change, an additional $1.7 million has been budgeted to fund the additional construction costs for the first phase of this project. The City is proceeding with design and construction as the next steps. A total of $8.9 million is budgeted, including $4.3 million in prior year unallocated monies, $3.0 million in FY 2007 and $1.6 million in FY 2008, for this project although exact cost and timing will be refined after additional planning and designs are completed. In this CIP, the funding has been revised. $1.7 million has been added to the project budget and the funding accelerated. The project is now

budgeted over two years (FY 2007 and FY 2008) rather than the three years budgeted in the FY 2006 - FY 2011 Approved CIP. This project is scheduled to be completed in FY 2008 and has a useful life of 40 years. This project does not have an impact on the City's operating budget as the Alexandria Sanitation Authority maintains this trunk sewer.

Sewer Map Update: This project , approved in FY 2001, provides for the mapping of the City's sanitary and storm sewer systems. The City does not have a comprehensive inventory of the existing subterranean sanitary and storm sewer systems. Existing maps were last updated in the 1970's and projects completed since that time are not documented or mapped. Once sanitary sewer and stormwater 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. As a result, a total of $465,000 remains budgeted ($165,000 in unallocated prior year monies and $300,000 in FY 2007) to account for these additional structures and complete the City-wide mapping, These maps will be compatible with and become part of the City's Geographical Information System (GIS).

Environmental Restoration: This program provides for various projects within the City that will enhance the local environment, 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 undertaken under this program include stream restoration; water quality improvement structures; wetland enhancement; riparian buffer planting; invasive species removal and identification of potential environmental enhancement project locations. The City conducted a stream assessment project as part of this program which was completed in early FY 2006 and identified and prioritized restoration opportunities in and along City streams. A total of $525,000 ($225,000 in prior year unallocated monies; $100,000 in FY 2008; $100,000 in FY2010; and $100,000 budgeted in FY 2012) has been budgeted for this program.

Sanitary Sewer Projects To Be Determined: A new project not previously in the CIP. A total of $14.5 million over five years (FY 2008 - FY 2012) has been budgeted to address unforeseen conditions and cost increases in existing sanitary sewer projects and for any unplanned, unbudgeted future sanitary sewer projects.

Change In Project From Prior Fiscal Years:

- Annual funding, in the amount of $250,000, has been extended to FY 2012 to continue ongoing repairs to the City's combined sewer system in order to comply with the VPDES permit;

- An additional $830,000 has been budgeted in FY 2007 to address unforeseen site conditions and for the remediation of contaminated soil conditions associated with the Royal Street Relief Sewer project;

- An additional $1.7 million has been budgeted to provide for the construction of the first phase of the Holmes Run Trunk Sewer project. The funding for this project has also been accelerated. The project is now budgeted over two years (FY 2007 and FY 2008) rather than the three years reflected in the FY 2006 - FY 2011 Approved CIP;

## SEWER REHABILITATION AND POLLUTION ABATEMENT

- Funding, in the amount of $100,000, for Environmental Restoration projects has been extended to FY 2012; and
- $14.5 million over five years has been budgeted to address unforeseen conditions and cost increases in existing sanitary sewer projects and for any unplanned, unbudgeted future sanitary sewer or combined sewer related projects.

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| COMBINED SEWER MITIGATION | 1,825,190 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 3,325,190 |
| CORRECT INFILTRATION/ INFLOW | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| ENVIRONMENTAL RESTORATION | 225,000 | 0 | 100,000 | 0 | 100,000 | 0 | 100,000 | 525,000 |
| HOLMES RUN TRUNK SEWER | 4,302,000 | 3,000,000 | 1,600,000 | 0 | 0 | 0 | 0 | 8,902,000 |
| SEWER MAP UPDATE | 165,000 | 300,000 | 0 | 0 | 0 | 0 | 0 | 465,000 |
| SANITARY SEWER PROJECTS TO BE DETERMINED | 0 | 0 | 1,580,000 | 3,280,000 | 3,180,000 | 3,280,000 | 3,180,000 | 14,500,000 |
| ROYAL STREET RELIEF SEWER | 0 | 830,000 | 0 | 0 | 0 | 0 | 0 | 830,000 |
| TOTAL PROJECT | 6,517,190 | 4,580,000 | 3,530,000 | 3,530,000 | 3,530,000 | 3,530,000 | 3,530,000 | 28,747,190 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SEWER FEE FUNDED | 6,517,190 | 4,580,000 | 3,530,000 | 3,530,000 | 3,530,000 | 3,530,000 | 3,530,000 | 28,747,190 |

## SEWER REHABILITATION AND POLLUTION ABATEMENT

The sanitary sewer line maintenance charge for FY 2007 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. Each $0.20 increment of the fee equates to approximately $14 per year for a typical household. A higher rate may be needed beyond the $1.00 rate in subsequent fiscal years if VADEQ mandates new CSO requirements. The revenue from the fees collected will be used for the following:

**SANITARY SEWERS SOURCES AND USES**

| **SOURCES** | **FY 2006** | **FY 2007** |
|---|---|---|
| Use of Unbudgeted Balances | $4,585,459 | $0 |
| Usage Fee - Operating | 2,800,000 | 2,800,000 |
| Usage Fee - Capital | 2,779,000 | 2,043,895 |
| Connection Fee - Capital (Budgeted) | 900,000 | 3,000,000 |
| **Sources Subtotal** | **$11,064,459** | **$7,843,895** |
| | | |
| **USES** | | |
| Reconstruction and Extension | $520,000 | $820,000 |
| Sewer Map Update | 0 | 300,000 |
| Holmes Run Trunk Sewer | 3,035,000 | 3,000,000 |
| Combined Sewer Mitigation | 525,000 | 250,000 |
| Infiltration/Inflow | 4,200,488 | 200,000 |
| Royal Street Relief Sewer | 0 | 830,000 |
| Environmental Restoration | 100,000 | 0 |
| Sanitary Sewer Projects to be Determined | 0 | 0 |
| Operating Expenditures /1 | 1,571,000 | 1,380,000 |
| Debt Service | 1,112,971 | 1,063,895 |
| **Uses Subtotal** | **$11,064,459** | **$7,843,895** |
| | | |
| **ENDING BALANCE** | **$0** | **$0** |

/1 Includes $1,016,000 in Personnel costs; $484,000 in Non-Personnel costs; and $71,000 in indirect costs.

## STORM SEWER RECONSTRUCTIONS AND EXTENSIONS

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Extension and Replacement of Storm Sewers | Essential | 25 years | T&ES |
| Channel Restoration | Essential | 5 years | T&ES |
| MS4 Permit Program NPDES Permit | Essential | 5 years | T&ES |

Project Summary: This project provides for extensions and replacements of storm sewers, and for the reconstruction of deteriorated storm water channels.

Extension and Replacement of Storm Sewers: $1.2 million over six years is budgeted for this continuing essential infrastructure maintenance project is used both for tasks unforeseen at the time of budget preparation and for scheduled projects. Prior year unallocated monies remain budgeted 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. Unallocated funds also will be used for the following projects identified in FY 2005: sewer reconstruction at the 900 block of South Fairfax; sewer separation at the 800 block of South St. Asaph Street; sewer extension on North Quaker Lane between King Street and Osage Street; and sewer reconstruction with street reconstruction on North Ripley Street between Holmes Run and Taney Avenue and on Maple Street between Hooff's Run and Little Street.

Storm sewer projects to be addressed in this CIP include the following:

- A hydraulic study of the storm water shed to determine capacity inadequacies in various locations of the Commonwealth Avenue storm water outfall system; and
- The reconstruction of storm sewers as identified in Warwick Village.

$300,000 remains budgeted in FY 2007 for the reconstruction of an existing storm sewer and construction of an additional storm sewer at Saylor Place.

Channel Restoration: $203,000 per year over six years (FY 2007 - FY 2012) is budgeted for channel restoration. This project includes 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. In addition, a total of $1.0 million over two years ($500,000 in both FY 2008 and FY 2009) remains budgeted for channel maintenance and stream restoration of Taylor Run near Janney's Lane.

T&ES staff has been working with several residents along Key Drive and Francis Hammond Parkway to address the replacement of several driveway culverts that have deteriorated and become unsafe. Staff has also recently received several complaints from residents on the upstream section of this drainage channel, indicating that they have been experiencing flooding during heavy storm events. T&ES will perform a hydraulic analysis and drainage design to alleviate the flooding condition. $1.0 million over two years (FY 2007 and FY 2008)

remains budgeted to alleviate upstream flooding on Key Drive. Construction is scheduled to begin in Spring 2006.

Municipal Separate Storm Sewer System (MS4) Permit Program, NPDES Permit: 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 (2008).

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. In addition to required data collection and reporting activities, this project will fund required public education, outreach, involvement and citizen participation.

$175,000 in prior year unallocated monies remain for initiating the implementation of the programs as required by the permit.

Change In Project From Prior Fiscal Years:

- Annual funding for channel restoration, in the amount of $200,000, has been extended through FY 2012; and
- Annual funding for storm sewer construction, in the amount of $203,000, has been extended through FY 2012.

## STORM SEWER RECONSTRUCTIONS AND EXTENSIONS

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CHANNEL RESTORATION | 590,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,790,000 |
| TAYLOR RUN AT JANNEY'S LANE | 0 | 0 | 500,000 | 500,000 | 0 | 0 | 0 | 1,000,000 |
| NPDES STORM WATER PROGRAM | 175,000 | 0 | 0 | 0 | 0 | 0 | 0 | 175,000 |
| KEY DRIVE FLOOD MITIGATION | 0 | 150,000 | 850,000 | 0 | 0 | 0 | 0 | 1,000,000 |
| STORM SEWERS | 193,500 | 503,000 | 203,000 | 203,000 | 203,000 | 203,000 | 203,000 | 1,711,500 |
| TOTAL PROJECT | 958,500 | 853,000 | 1,753,000 | 903,000 | 403,000 | 403,000 | 403,000 | 5,676,500 |
| LESS REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NET CITY SHARE | 958,500 | 853,000 | 1,753,000 | 903,000 | 403,000 | 403,000 | 403,000 | 5,676,500 |

## ORONOCO OUTFALL

| Subtasks | Priority | Estimated Useful Life of Improvement | Project Manager |
|---|---|---|---|
| Oronoco Street Outfall | Essential | 25 years | T&ES |

Project Summary: This project provides funding to address the ground contamination at the Oronoco Sewer Outfall.

Project Description: $2.1 million in prior year unallocated monies remains budgeted to continue this project 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.

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. 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. In FY 2005, work will continue involving relining the storm sewer and designing a hydraulic control and treatment system. The installation of the hydraulic control and treatment system is scheduled to be operational in FY 2007. At the conclusion of the design phase of this system, construction costs will be more clearly defined, and funding needs will be more clearly identified.

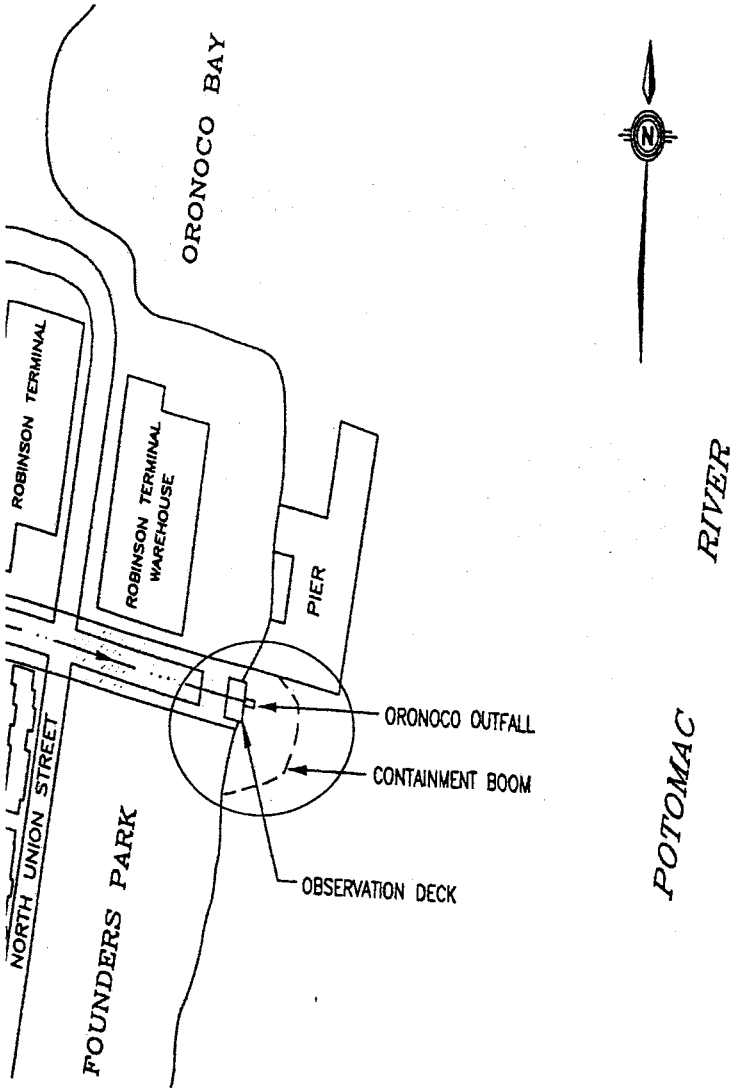
Once the system is functioning effectively, the City intends to dredge and remove the most contaminated sediment near the outfall. The City received additional funding from a settlement with Washington Gas Light Company, totaling $926,505, which has been used to fund clean up, monitoring, maintenance and operation costs. Construction is expected to begin in early 2006.

Changes in Project from Prior Years:

- There has been no change in planned funding for this project.

# ORONOCO OUTFALL

| TASK TITLE | UNALLOCATED PRIOR-FY | FY 2007 CURRENT | FY 2008 FY + 1 | FY 2009 FY + 2 | FY 2010 FY + 3 | FY 2011 FY + 4 | FY 2012 FY + 5 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| ORONOCO OUTFALL | 2,127,670 | 0 | 0 | 0 | 0 | 0 | 0 | 2,127,670 |
| TOTAL PROJECT | 2,127,670 | 0 | 0 | 0 | 0 | 0 | 0 | 2,127,670 |
| LESS REVENUES | 617,670 | 0 | 0 | 0 | 0 | 0 | 0 | 617,670 |
| NET CITY SHARE | 1,510,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,510,000 |



# Information Technology Plan

## INFORMATION TECHNOLOGY PLAN

**Changes to the IT Plan from the Prior Year**

The FY 2007 to FY 2012 Information Technology Capital Improvement Plan (IT/CIP) total of $18.1 million continues the City's Information Technology agenda. The IT/CIP total of $18.1 million in City funding compares with $21.1 million in City funding in the FY 2006 to FY 2011 Information Technology Capital Improvement Plan. This represents a decrease of $3.0 million, or 14.2 percent, primarily attributable to the re-prioritization of projects to reflect more refined assessment of project timing and funding priorities.

The City approved funding for the FY 2007 to FY 2012 IT Plan is as follows:

| | City Share | Outside Revenues | Total |
|---|---|---|---|
| **FY 2007** | $4,609,500 | $2,321,490 | $7,071,386 |
| **FY 2008** | $4,996,655 | $665,000 | $5,661,655 |
| **FY 2009** | $2,962,999 | $665,000 | $3,627,999 |
| **FY 2010** | $2,242,856 | $665,000 | $2,907,856 |
| **FY 2011** | $1,841,640 | $665,000 | $2,506,640 |
| **FY 2012** | $1,406,045 | $665,000 | $2,071,045 |
| **Total** | $18,059,695 | $5,646,490 | $23,846,581 |

The approved FY 2007 to FY 2012 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.

## INFORMATION TECHNOLOGY PLAN

**New Projects for FY 2007 - FY 2012**

- DHS Payment System Replacement - Funds in the amount of $40,000 are included in FY 2007 and $280,000 in FY 2008 for the maintenance and eventual replacement of the Department of Human Services's payment system.

**Existing Projects Highlights**

- E-911 Planning and System Replacement - Based upon a consultant study which calculated expected costs, an additional $500,000 was added to this project in FY 2007 to provide sufficient funds for the replacement of this critical system in FY 2007.

- MS Office Conversion - $250,000 is included in FY 2007 for the City to upgrade its word processing and spreadsheet applications (i.e., switch from WordPerfect to MS Word) to a standard platform using Microsoft Office.

FY 2007 funding requests for a number of projects were deferred to FY 2008 to reflect a more realistic schedule of when the funds will actually be needed for the project. These include:

- Payroll/Personnel System Replacement - Funding in the amount of $500,000 scheduled for FY 2007 has been moved to FY 2008.

- Real Estate Accounts Receivable System Replacement - The original FY 2007 request of $475,000 can be moved to FY 2008.

- OMB Systems - Funding in the amount of $75,000 scheduled for FY 2007 has been moved to FY 2008.

- Revenue Collection System FY 2007 funding in the amount of $150,000 has been moved to FY 2008.

For some projects, only portions of the original funds were deferred to FY 2008. These projects include:

- Personal Property Tax System Replacement - The City's personal property tax system exists on an older development platform which should be updated to reduce staff hours required to support the application. Funds in the amount of $250,000 are included in FY 2007 for the re-write of this application.

- Permit Processing - The original request of $180,000 in FY 2007 has been reduced to $60,000, to reflect a more realistic schedule of when funds will be needed for this project.

- E-mail Services - The original request of $264,000 in FY 2007 has been reduced by $200,000.

- Telephony - The original FY 2007 request of $455,253 has been reduced to $246,000.

Lastly, some projects were able to forgo their original FY 2007 request, due to the availability of prior year funds. These projects include:

- GIS Development - The FY 2007 request of $90,000 has been eliminated.
- Financial Accounting System - The original request of $120,000 in FY 2007 has been eliminated.
- Web Site Enhancements - Funding in the amount of $125,000 in FY 2007 has been eliminated.
- Electronic Government - Funding in the amount of $200,000 in FY 2007 has been eliminated.
- LAN Backbone Capacity - Funding in the amount of $50,000 in FY 2007 has been eliminated.

Other project changes:

- Police/Fire Computer Aided Dispatch (CAD/RMS) Project - The amount requested in FY 2008 has been increased by $245,000 to provide City share funds for a regional CAD-to-CAD initiative.
- AJIS Enhancements - An additional $61,000 has been added to the AJIS project in FY 2008 to provide funds to develop mobile access to AJIS for the City's magistrate staff.

**Projects Which Have Been Closed**

System Development Projects:

- Fingerprint Scanners - This project has been completed and can now be closed.
- Virginia Commonwealth Attorney Information System - This project has been closed, as many of the functions of this system are now performed by the Alexandria Justice Information System.
- Work Order Mobile Application - The mobile devices have been ordered and will be implemented by Spring 2006.
- CAD Software Upgrade - The software upgrade has been purchased and installed.

**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

## INFORMATION TECHNOLOGY PLAN

- 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
- Other Infrastructure Projects

**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.

# INFORMATION TECHNOLOGY PLAN

**Summary Totals**

The following table summarizes spending on Information Technology for FY 2007 to FY 2012. Detailed descriptions follow the summary.

## *Information Technology*
## *Capital Improvement Plan For FY 2007 to FY 2012*
### *18-Jul-06*

| | CIP Project ID (1) | Project Title (2) | Net Totals (3) | Net Balances Prior Year (4) | FY2007 (5) | FY2008 (6) | FY2009 (7) | FY2010 (8) | FY2011 (9) | FY2012 (10) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | *TOTAL Net Costs - All Information Technology CIP Projects* | | *23,131,605* | 5,071,910 | 4,609,500 | 4,996,655 | 2,962,999 | 2,242,856 | 1,841,640 | 1,406,045 |
| 2 | | | | | | | | | | |
| 3 | *015-015* | *Systems Development* | *15,505,910* | 3,670,810 | 3,618,500 | 3,104,000 | 1,991,600 | 1,223,500 | 885,000 | 1,012,500 |
| 4 | | | | | | | | | | |
| 5 | *015-015-1A* | *Public Access Development* | *2,767,840* | *1,142,840* | *0* | *325,000* | *325,000* | *325,000* | *325,000* | *325,000* |
| 6 | 015-015-10 | Web Site Enhancements | | 717,340 | 0 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 |
| 7 | 015-015-4 | Electronic Government | | 425,500 | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| 8 | 015-015-30 | Public Access to Land Records | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | | | | | | | | | | |
| 10 | *015-015-1* | *Document Management Systems* | *1,386,500* | *16,500* | *370,000* | *200,000* | *200,000* | *200,000* | *200,000* | *200,000* |
| 11 | 015-015-1-3 | MHMRSA Medical Records Management | | 16,500 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 015-015-21 | Document Management and Imaging Infrastructure | | 0 | 370,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| 13 | 015-015-1-4 | Archives Records Management System Replacement | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | | | | | | | | | | |
| 15 | *015-015-2* | *Financial Systems* | *3,939,980* | *1,099,980* | *480,000* | *1,360,000* | *1,000,000* | *0* | *0* | *0* |
| 16 | 015-015-2-3 | Real Estate Assessment and Accounts Receivable System Replacement | | 125,000 | 0 | 475,000 | 0 | 0 | 0 | 0 |
| 17 | 015-015-2-4 | OMB Systems | | 0 | 0 | 75,000 | 0 | 0 | 0 | 0 |
| 18 | 015-015-2-5 | Payroll/Personnel System | | | 0 | 500,000 | 0 | 0 | 0 | 0 |
| 19 | | > Payroll Personnel Study | | 450,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | | > Conversion Activities | | 250,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 015-015-7A | Remote Time and Attendance | | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 015-015-2-8 | Financial Accounting and Asset Management System | | 140,000 | 0 | 60,000 | 500,000 | TBD | TBD | TBD |
| 23 | 015-015-46 | Revenue Collection Mgt. System | | 35,000 | 0 | 150,000 | 0 | 0 | 0 | 0 |
| 24 | 015-015-47 | Business Tax Accounts Receivable System | | 49,980 | 100,000 | 0 | 0 | 0 | 0 | 0 |
| 25 | 015-015-48 | Purchasing System Replacement | | 0 | 0 | 100,000 | 500,000 | TBD | TBD | TBD |
| 26 | 015-015-49 | Personal Property Tax System | | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 |
| 27 | 015-015-50 | Cash Register Software Upgrade | | 0 | 130,000 | 0 | 0 | 0 | 0 | 0 |
| 28 | | | | | | | | | | |
| 29 | *015-015-3* | *Geographic Information Systems* | *1,267,100* | *383,600* | *433,500* | *90,000* | *90,000* | *90,000* | *90,000* | *90,000* |
| 30 | 015-015-3-3 | GIS Development | | 342,600 | 0 | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 |
| 31 | 015-015-3-4 | Highway Video Program | | 41,000 | 433,500 | 0 | 0 | 0 | 0 | 0 |
| 32 | | | | | | | | | | |
| 33 | *015-015-4* | *Public Safety Systems* | *4,638,890* | *272,290* | *2,160,000* | *694,000* | *341,600* | *573,500* | *235,000* | *362,500* |
| 34 | 015-015-4-1 | Public Safety Radio System Replacement | | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| 35 | 015-015-36 | AJIS Enhancements | | 0 | 185,000 | 246,000 | 185,000 | 185,000 | 185,000 | 185,000 |
| 36 | 015-015-4-3 | Police/Fire Computer Aided Dispatch (CAD)/RMS Project | | 172,290 | 425,000 | 275,000 | 106,600 | 338,500 | 0 | 127,500 |
| 37 | 015-015-34 | Interoperability Strategies for Public Safety | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 015-015-33 | Emergency Operations Center | | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 015-015-38 | E-911 Planning and System Replacement | | 0 | 1,500,000 | 0 | 0 | 0 | 0 | 0 |
| 40 | 015-015-39 | EMS Records Management System | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | 015-015-51 | Sheriff Accreditation Training System | | 0 | 0 | 75,000 | 0 | 0 | 0 | 0 |
| 42 | 015-015-53 | Sheriff Network Connectivity Conversion | | 0 | 0 | 48,000 | 0 | 0 | 0 | 0 |

***Information Technology***
***Capital Improvement Plan For FY 2007 to FY 2012***
***18-Jul-06***

| | CIP Project ID (1) | Project Title (2) | Net Totals (3) | Net Balances Prior Year (4) | FY2007 (5) | FY2008 (6) | FY2009 (7) | FY2010 (8) | FY2011 (9) | FY2012 (10) |
|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | | | | | | | | | |
| 44 | | *Recreation Systems* | *75,000* | *75,000* | *0* | *0* | *0* | *0* | *0* | *0* |
| 45 | 015-015-5-2 | Recreation Systems | | 75,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 015-015-5-3 | Recreation Computer Laboratories | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | | | | | | | | | | |
| 48 | *015-015-5* | *Other Systems* | *1,430,600* | *680,600* | *175,000* | *435,000* | *35,000* | *35,000* | *35,000* | *35,000* |
| 49 | 015-015-5-1 | Permit Processing | | 520,600 | 60,000 | 120,000 | TBD | TBD | TBD | TBD |
| 50 | 015-015-28 | Intranet | | 105,000 | 0 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| 51 | 015-015-29 | TES Infrastructure Management and Maintenance System | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 015-015-32 | Help Desk System | | 30,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | 015-015-31 | MHMRSA HIPAA Data Security Compliance | | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 |
| 54 | 015-015-41 | IT Project Management | | 0 | 50,000 | 0 | 0 | 0 | 0 | 0 |
| 55 | 015-015-42 | DHS Payment System Replacement | | 0 | 40,000 | 280,000 | 0 | 0 | 0 | 0 |
| 56 | | | | | | | | | | |
| 57 | *015-014* | *Infrastructure Projects* | *7,625,695* | *1,401,100* | *991,000* | *1,892,655* | *971,399* | *1,019,356* | *956,640* | *393,545* |
| 58 | | | | | | | | | | |
| 59 | *015-014-1* | *Local Area Network (LAN) Services* | *3,970,475* | *798,100* | *205,000* | *978,125* | *622,125* | *632,125* | *595,000* | *140,000* |
| 60 | 015-014-1 | LAN Backbone Capacity | | 100,000 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| 61 | 015-014-1-2 | Individual Building LAN Development | | 50,000 | 50,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 |
| 62 | 015-014-1-3 | Upgrade Network Operating System | | 75,000 | 50,000 | 25,000 | 15,000 | 15,000 | 15,000 | 15,000 |
| 63 | 015-014-1-4 | Upgrade Work Station Operating Systems | | 5,000 | 105,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| 64 | 015-014-1-5 | Network Infrastructure Hardware Upgrades/ Replacement | | 568,100 | 0 | 578,125 | 482,125 | 492,125 | 455,000 | 0 |
| 65 | 015-014-14 | Storage Area Network | | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 |
| 66 | | | | | | | | | | |
| 67 | *015-014-2* | *Wide Area Network (WAN) Services* | *2,368,220* | *361,000* | *336,000* | *594,530* | *329,274* | *277,231* | *236,640* | *233,545* |
| 68 | 015-014-6 | Institutional Network Development | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69 | 015-014-8 | Telephony Integration | | 50,000 | 246,000 | 464,530 | 199,274 | 187,231 | 171,640 | 208,545 |
| 70 | 015-014-3 | Security | | 50,000 | 25,000 | 40,000 | 40,000 | 0 | 0 | 0 |
| 71 | 015-014-15 | Application Deployment Management | | 108,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 |
| 72 | 015-014-13 | Database Infrastructure | | 153,000 | 40,000 | 65,000 | 65,000 | 65,000 | 40,000 | 0 |
| 73 | | | | | | | | | | |
| 74 | *015-016* | *Enterprise Services* | *1,287,000* | *242,000* | *450,000* | *320,000* | *20,000* | *110,000* | *125,000* | *20,000* |
| 75 | 015-016-1 | E-mail Services | | 192,000 | 200,000 | 250,000 | TBD | 90,000 | 105,000 | 0 |
| 76 | 015-016-2 | Wireless Initiatives (Information Utility) | | 50,000 | 0 | 70,000 | 20,000 | 20,000 | 20,000 | 20,000 |
| 77 | 015-016-3 | MS Office Conversion | | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 |
| 78 | | | | | | | | | | |
| 79 | *015-017* | *Other Infrastructure* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* |
| 80 | 015-017-2 | Disaster Recovery - Hot Site | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

/1 - The cable television franchise agreement with AT&T/Comcast provides for Comcast to provide the City a base payment of approximately $665,000 per year, if the City provides matching funds which the City plans to provide.

# INFORMATION TECHNOLOGY PLAN

**Operating Budget Impacts**

The following table summarizes the estimated impacts of the implementation of relevant projects included in the Information Technology Plan on the City's operating budget.

***Information Technology***
***Capital Improvement Plan For FY 2007 to FY 2012 - Estimated Operating Impacts***
***18-Jul-06***

| | CIP Project ID | Project Title | Six Year Totals | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1 | *TOTAL Operating Costs - All Information Technology CIP Projects* | | *7,082,950* | *1,248,450* | *1,241,700* | *1,256,700* | *1,316,700* | *1,241,700* | *777,700* |
| 2 | | | | | | | | | |
| 3 | *015-005 Systems Development* | | *7,082,950* | *1,248,450* | *1,241,700* | *1,256,700* | *1,316,700* | *1,241,700* | *777,700* |
| 4 | | | | | | | | | |
| 5 | 015-015-1A | Public Access Development | 30,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| 6 | 015-015-10 | Web Site Enhancements | | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 015-015-4 | Electronic Government | | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| 8 | 015-015-30 | Public Access to Land Records | | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | | | | | | | | | |
| 10 | 015-005-1 | Document Management Systems | 378,300 | 84,300 | 58,800 | 58,800 | 58,800 | 58,800 | 58,800 |
| 11 | 015-015-1-3 | MHMRSA Medical Records Management | | 21,300 | 21,300 | 21,300 | 21,300 | 21,300 | 21,300 |
| 12 | 015-015-21 | Document Management and Imaging Infrastructure | | 55,500 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 |
| 13 | 015-015-1-4 | Archives Records Management System Replacement | | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 |
| 14 | | | | | | | | | |
| 15 | 015-005-2 | Financial Systems | 1,798,500 | 278,500 | 286,000 | 301,000 | 361,000 | 286,000 | 286,000 |
| 16 | 015-015-2-3 | Real Estate Assessment and Accounts Receivable System Replacement | | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 |
| 17 | 015-015-2-4 | OMB Systems | | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 |
| 18 | 015-015-2-5 | Payroll/Personnel System | | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 015-015-7A | Remote Time and Attendance | | 38,000 | 38,000 | 38,000 | 38,000 | 38,000 | 38,000 |
| 20 | 015-015-2-8 | Financial Accounting and Asset Management System | | 140,000 | 140,000 | 140,000 | 140,000 | 140,000 | 140,000 |
| 21 | 015-015-46 | Revenue Collection Mgt. System | | 22,500 | 22,500 | 22,500 | 22,500 | 22,500 | 22,500 |
| 22 | 015-015-47 | Business Tax Accounts Receivable System | | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 |
| 23 | 015-015-48 | Purchasing System Replacement | | 0 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 |
| 24 | 015-015-49 | Personal Property Tax System | | 0 | 0 | 15,000 | 75,000 | 0 | 0 |
| 25 | 015-015-50 | Cash Register Software Upgrade | | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | | | | | | | | | |
| 27 | 015-005-3 | Geographic Information Systems | 806,400 | 134,400 | 134,400 | 134,400 | 134,400 | 134,400 | 134,400 |
| 28 | 015-015-3-3 | GIS Development | | 134,400 | 134,400 | 134,400 | 134,400 | 134,400 | 134,400 |
| 29 | 015-015-3-4 | Highway Video Program | | TBD | TBD | TBD | TBD | TBD | TBD |
| 30 | | | | | | | | | |
| 31 | 015-005-4 | Public Safety Systems | 3,601,750 | 668,250 | 679,500 | 679,500 | 679,500 | 679,500 | 215,500 |
| 32 | 015-015-4-1 | Public Safety Radio System Replacement | | 498,000 | 498,000 | 498,000 | 498,000 | 498,000 | 34,000 |
| 33 | 015-015-36 | AJIS Enhancements | | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 |
| 34 | 015-015-4-3 | Police/Fire Computer Aided Dispatch (CAD)/RMS Project | | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 015-015-34 | Interoperability Strategies for Public Safety | | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | 015-015-33 | Emergency Operations Center | | 11,250 | 11,250 | 11,250 | 11,250 | 11,250 | 11,250 |
| 37 | 015-015-38 | E-911 Planning and System Replacement | | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 015-015-39 | EMS Records Management System | | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 |
| 39 | 015-015-51 | Sheriff Accreditation Training System | | 0 | 11,250 | 11,250 | 11,250 | 11,250 | 11,250 |
| 40 | 015-015-53 | Sheriff Network Connectivity Conversion | | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | | | | | | | | | |
| 42 | 015-015-5 | Recreation Systems | 36,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 |
| 43 | 015-015-5-2 | Recreation Systems | | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 |
| 44 | 015-015-5-3 | Recreation Computer Laboratories | | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | | | | | | | | | |

***Information Technology***
***Capital Improvement Plan For FY 2007 to FY 2012 - Estimated Operating Impacts***
***18-Jul-06***

| | CIP Project ID | Project Title | Six Year Totals | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (5) | (6) | (7) | (8) | (9) | (10) |
| 46 | 015-005-5 | Other Systems | 432,000 | 72,000 | 72,000 | 72,000 | 72,000 | 72,000 | 72,000 |
| 47 | 015-015-5-1 | Permit Processing | | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 |
| 48 | 015-015-28 | Intranet | | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 015-015-29 | TES Infrastructure Management and Maintenance System | | 11,250 | 11,250 | 11,250 | 11,250 | 11,250 | 11,250 |
| 50 | 015-015-31 | MHMRSA HIPAA Data Security Compliance | | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 015-015-32 | Help Desk System | | 11,250 | 11,250 | 11,250 | 11,250 | 11,250 | 11,250 |
| 52 | 015-015-41 | IT Project Management | | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 |
| 53 | 015-015-42 | DHS Payment System Replacement | | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 |
| 54 | | | | | | | | | |
| 55 | *015-004* | *Infrastructure Projects* | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | | | | | | | | | |
| 57 | 015-004-1 | Local Area Network (LAN) Services | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 015-014-1 | LAN Backbone Capacity | | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 015-014-1-2 | Individual Building LAN Development | | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 015-014-1-3 | Upgrade Network Operating System | | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 015-014-1-4 | Upgrade Work Station Operating Systems | | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 015-014-1-5 | Network Infrastructure Hardware Upgrades/ Replacement | | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 015-014-14 | Storage Area Network | | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | | | | | | | | | |
| 65 | 015-004-2 | Wide Area Network (WAN) Services | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | 015-014-6 | Institutional Network Development | | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | 015-014-8 | Telephony Integration | | 0 | 0 | 0 | 0 | 0 | 0 |
| 68 | 015-014-3 | Security | | 0 | 0 | 0 | 0 | 0 | 0 |
| 69 | 015-014-15 | Application Deployment Management | | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 | 015-014-13 | Database Infrastructure | | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 | | | | | | | | | |
| 72 | 015-016 | Enterprise Services | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 | 015-016-1 | E-mail Services | | 0 | 0 | 0 | 0 | 0 | 0 |
| 74 | 015-016-2 | Wireless Initiatives (Information Utility) | | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 | 015-016-3 | MS Office Conversion | | 0 | 0 | 0 | 0 | 0 | 0 |
| 76 | | | | | | | | | |
| 77 | 015-017 | Other Infrastructure | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 78 | 015-017-2 | Disaster Recovery - Hot Site | | 0 | 0 | 0 | 0 | 0 | 0 |

# INFORMATION TECHNOLOGY PLAN

## 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 Unallocated | FY2007 | FY 2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| Web Site Enhancements | 717,340 | 0 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 1,342,340 |
| Electronic Government | 425,500 | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,225,500 |
| Public Access to Land Records | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals | 1,142,840 | 0 | 325,000 | 325,000 | 325,000 | 325,000 | 325,000 | 2,567,840 |

**Web Site Enhancements**
(015-015-10) Priority: Very Desirable

This project includes enhancements to, and applications for, the City of Alexandria's public web site at *alexandriava.gov*.

Monies in this project fund the ongoing development and evolution of departmental pages on the City 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 homepage is compliant with federal ADA guidelines to assist web users with disabilities. All departmental and new development content is compliant with these guidelines. A key requirement of the new site design and content management system is that all content be inherently compliant. The City is also working to add more web content in Spanish and other languages.

Content Management System - The current web site is maintained using mostly manual processes, and most content is converted and edited by the E-Government Team. The City will procure a new content management system to automate these processes, which will allow departmental staff to create and maintain their own web content. This will permit the E-Government Team to shift their work focus to complex web work and new application development.

Continued Site Redesign - The City's web site will be redesigned in 2006 to improve navigability and keep the look and feel fresh.

## INFORMATION TECHNOLOGY PLAN

Emergency Preparedness and Disaster Recovery - With increased reliance on the web site for emergency communications and operations, the City's web servers are being moved to a state-of-the-art data center operated by a company in Fairfax County that will provide better protection against threats and enhanced recovery ability after a disaster. A backup site will also be established.

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 homepage at *alexandriava.gov* are also published in the Really Simple Syndication (RSS) format, which allows users to 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 has begun using podcasting (the use of RSS to deliver audio files) to reach new audiences. The Office of Historic Alexandria is producing podcasted walking tours, which work like museum audioguides to encourage people to visit Alexandria's many historic attractions. The Office on Women has produced a monthly podcast on women's issues since October 2005, and is embracing new media to reach teens as part of its adolescent pregnancy, domestic violence, and sexual assault programs. Teens can send text messages to hotline counselors, and the counselors will reply via text message.

Online Payments - 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 and the Code Enforcement Bureau to allow customers to apply for, pay for, and check the status of building, planning, and zoning permits.

Webcasting - City Council and Planning Commission meetings are now available in streaming video, with links between meeting dockets and the corresponding time points in the video. The City's web site will make increased use of streaming video and live "webcasting" to present informational videos (such as training sessions and public service announcements) and other public meetings (potentially the Board of Architectural Review and the Board of Zoning Appeals).

These are just a few of the many potential uses which will require resources in 2006-2007. 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."

*Operating Budget Impact:*

The growth of the City's web site, coupled with the increasing complexity of the site, has increased demands on staff for maintenance of the site.

## INFORMATION TECHNOLOGY PLAN

*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.

*Change In Project From Prior Fiscal Years:*

Sufficient prior-year funds remain such that no funds are requested for this project for FY 2007. Funding of $125,000 per year has been extended for remaining years through FY 2012, to reflect the ongoing work supported in this category.

**Electronic Government**
(015-015-4) 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 current 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.

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 chart below shows the e-government initiatives being funded in the projects included in this plan.

| E-Government Initiatives within the FY 2007 - 2012 IT Plan | | |
|---|---|---|
| **Project Name** | **Initiative** | **FY 2006 Funding Request** |
| Public Access to Land Records | 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) | 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. | $30,000 in prior year project funds will be used to improve this service |
| Geographic Information Systems | To provide Internet access to maps and map data, and to provide application access through the intranet. | $35,000 for Internet/intranet initiatives |
| Alexandria Justice Information System Enhancements | To develop enhancements to the system. | $185,000, a portion of which will be used for E-Government |
| Recreation Systems | To provide telephone registration for recreation classes. | $0, there are sufficient prior year resources to address this need. |
| Permitting Systems | To provide telephone and online inspection scheduling, and provide mobile access to the application. | $60,000, a portion of which will be used for E-Government |
| Content Management System (see Web Site Enhancements project) | To provide for a centralized system that will allow employees to create and maintain content on the City's web sites and automated many administration functions. | $0, there are sufficient prior year resources to address this need. |
| Intranet (CityNet) | 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. |

Please refer to the specifics on each project in this plan for additional information. Please refer to the overall funding for information on the FY 2007 - 2012 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) 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.

*Change in Project from Prior Fiscal Years:*

Sufficient prior-year funds remain such that no funds are requested for this project for FY 2007. Funding of $200,000 per year has been extended for remaining years through FY 2012, to reflect the increasing work supported in this category.

**Public Access to Land Records**
(015-015-30) 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 1930 - 1993 | Conversion to Internet readable format complete. |
| Land Records from October 1993 - October 1999 | Conversion to Internet readable format complete. |
| Land Records from October 1999 - present and future | Conversion to Internet readable format complete. |
| Indexes from 1930 - 1991 | Conversion to Internet readable format complete. |
| Indexes from 1992 - present | Currently available on RMS. |
| Indexes from 1992 - 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. The indexes have been converted. This year, 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 1985 - 1999 are currently in the process of being linked to the RMS indexes.

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 and has been accomplished. Circuit Court and Supreme Court staff are performing the second phase of the work, to link the indexes to scanned images. After these initial phases there will be ongoing conversion of records and uploading data plus any normal system maintenance.

This project is a part of the initiative to provide public access to Office of the Clerk of Court's public records. See the Alexandria Justice Information System (AJIS) Enhancements project for additional information regarding this initiative and the provision of access to records maintained in the Alexandria Justice Information System (AJIS).

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.

*Project Benefit:*

This project will make the land 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. Also, as more of these records are put into digital format, access becomes limited to the number of PC's that can be accommodated in the space of the Clerk's Office record room. Remote access provides access to essential land records 24 hours a day, gives other City agencies immediate access to the official land records in their own offices, protects the original records from additional handling, 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.

*Change In Project From Prior Fiscal Years:*

The Clerk's office intends on meeting the July 1, 2006 State-mandated deadline for making these records Internet-available.

**Document Management Systems**

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| MHMRSA Medical Records Management | 16,500 | 0 | 0 | 0 | 0 | 0 | 0 | 16,500 |
| Document Management and Imaging | 0 | 370,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,370,000 |
| Archives Records Management System Replacement | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| **Totals** | **66,500** | **370,000** | **200,000** | **200,000** | **200,000** | **200,000** | **200,000** | **1,436,500** |

**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 2005 the department's focus was on continuing the process of transitioning to the new Health Insurance Portability and Accountability Act1 (HIPAA)-compliant version of Anasazi. Some key accomplishments were:

- Converted the Anasazi DataFLEX database to MS SQL.
- Developed an automated log-shipping method to update the new hot-backup MS SQL Anasazi database server.
- Began testing Anasazi's new HIPAA-compliant Treatment Planning module.
- Upgrading departmental servers from Windows 2000 to Windows 2003.

Plans for Anasazi include implementing electronic signatures (biometric fingerprints for employees and electronically captured handwritten signatures for consumers) and storing scanned documents associated with clinical records.

*Project Benefit:*

The record 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 enhance our migration to a paperless medical record as well as facilitate Medicaid reimbursement.

*Change In Project From Prior Fiscal Years:*

There is no change to this project from the prior fiscal year.

**Document Management and Imaging Infrastructure**
(015-015-21) Priority: Very Desirable

A number of City departments and agencies continue to express a need for electronic storage and retrieval of documents through a Document Management and Imaging System. The implementation of a Document Management and Imaging System will improve customer service by providing retrievable and recoverable information, improvements to staff productivity by allowing faster retrieval of electronic documents (versus the current process of trying to locate hard copy documents), improved security, and improve file management over current methods utilized. The Document Management and Imaging System will not only provide a more efficient and reliable information filing system, but will also allow redefinition of some of the more cumbersome work processes in the City.

*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.

City Departments are currently working on Phase II of this project. This phase addresses the imaging needs of the Police, Transportation and Environmental Services, Planning and Zoning, Finance and Information Technology Services departments.

The Police Department has completed phase I which addressed the imaging of both past and present arrest records. They are currently working on phase II which addresses the need to automatically image the on-line accident reports from squad cars.

Transportation and Environmental Services, Planning and Zoning, Finance and the Information Technology Services departments have met with the City's imaging vendor, received estimates, and been approved by the Imaging Steering Subcommittee (ISS) of the Information Technology Steering Committee (ITSC) to proceed.

The ISS works to coordinate the prioritization, scheduling and completion of these projects and ensures there is adequate funding in the project for each requesting department's imaging initiative.

Many of the documents processed within the Transportation and Environmental Services, are blue prints, e-mails and associated attachments. Such attachments may include electronic documents or drawings, and digital pictures. Planning and Zoning is working towards imaging the special use permits which are currently on microfiche. Finance and Information Technology Services are working jointly to capture invoices out of the Accounting system.

Personnel Services Department has met with the City's imaging vendor and received an estimate. Prior to moving forward, they will review the imaging procedures of other neighboring municipalities. A major interest for Personnel is the imaging of the employee's service cards and personnel action forms.

*Change In Project From Prior Fiscal Years:*

A total of $370,000 is included in FY 2007 funding to provide additional monies for departmental imaging projects, and to eliminate separately requested and budgeted projects. An additional $200,000 is budgeted in FY 2008 to provide funds for back imaging requests for T&ES and Code Enforcement (a 5-year plan).

**Archives and Records Center Records Management System Replacement**
(015-015-1-4) Priority: Very Desirable

The Archives and Records Center provides archives and records management services to all City of Alexandria departments. The Center offers file and box tracking, check-out and check-in services, file retrieval, box entry and retrieval, accessioning, box storage, records management training, research services, records management advice, and destruction services. All of these functions require the use of records management software.

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The Archives and Records Center has been using GAIN for Windows (Triadd Software) since April 1996 to track (accession, check out, check in, and destroy) the approximately 15,000+ boxes of records (and hundreds of thousands of files) that are stored at the City's Payne Street Storage Facility. This number includes records from the majority of the City of Alexandria's departments and increases annually since the number of boxes that are accessioned and must be stored always exceeds the number that are eligible for destruction. An additional 2,000 boxes are located off-site at a commercial records storage facility in Springfield. These boxes are tracked using dBase III rather than GAIN for Windows because the latter does not support off-site storage well.

*Project Benefit:*

Immediate planning for replacing GAIN for Windows is essential for the following reasons. First, the current application does not operate with Windows 2000 and cannot be expected to work with subsequent operating systems. Second, Triadd Software has informed users that support for the current product will cease December 2006. Upgrading to a newer product will improve the City's ability to secure, back up and manage the records data. In addition, it is anticipated that Center users will be able to access the application to perform inquiries about their records, a convenience that is not available with the current application.

*Operating Budget Impacts:*

Annual maintenance costs/technical support are anticipated to run around $7,500.

*Change In Project From Prior Fiscal Years:*

An RFP for a solution will be issued in early 2006, and the product will be implemented by fall 2006.

## Financial Systems

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| Real Estate Assessment and Accounts Receivable | 0 | 0 | 475,000 | 0 | 0 | 0 | 0 | 475,000 |
| OMB Systems | 0 | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| Payroll/Personnel System | | | | | | | | |
| > Payroll Personnel | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 150,000 |
| > Conversion | 250,000 | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| > System | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| **Totals** | **400,000** | **0** | **500,000** | **0** | **0** | **0** | **0** | **900,000** |
| Remote Time and Attendance | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| Financial Accounting and Asset Management System | 140,000 | 0 | 60,000 | 500,000 | TBD | TBD | TBD | 700,000 |
| Revenue Collection Mgt. System | 35,000 | 0 | 150,000 | 0 | 0 | 0 | 0 | 185,000 |
| Business Tax Accounts Receivable | 49,980 | 100,000 | 0 | 0 | 0 | 0 | 0 | 149,980 |
| Purchasing System Replacement | 0 | 0 | 100,000 | 500,000 | TBD | TBD | TBD | 600,000 |
| Personal Property Tax System | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| Cash Register Software Upgrade | 0 | 130,000 | 0 | 0 | 0 | 0 | 0 | 130,000 |
| **Totals** | **674,980** | **480,000** | **1,360,000** | **1,000,000** | **0** | **0** | **0** | **3,514,980** |

**Real Estate Assessment and Accounts Receivable System Replacement**

(015-015-2-3) Priority: Essential (CARAT) Priority: Desirable (REAR)

In 1991 the City's Real Estate Assessment System (CARAT) was the first mainframe system migrated to a LAN-based system. In 1994 the City's mainframe Real Estate Accounts Receivable (REAR) system was also migrated from the mainframe to a LAN environment and, at the same time, was integrated with CARAT so that appropriate changes in one system would be reflected in the other. The migration and integration of CARAT and REAR, however, did not fundamentally change either the program structure or the database engine. This project plans to replace both systems to exploit a graphical user interface (GUI) in a Windows environment and to use the City standard for database engines. Redeveloping these systems in a standard database is critical to the future integration of a Geographic Information System (GIS), Permit Processing, and other real property based systems. The CARAT system

replacement was funded in FY 2006 and prior years. The REAR system replacement is planned for FY 2007 at a cost of $400,000.

The City awarded a contract to Colorado Custom Ware for their 'RealWare' assessment and appraisal application. The implementation of the RealWare application is currently underway, and is expected to take up to two years to implement to allow the Real Estate staff a full assessment cycle to ensure that the costing models employed in the new system are not materially different from the costing models in the current system. Accurate costing of properties is key to supporting accurate and uniform property assessments.

*Project Benefit:*

This project will enhance staff productivity through improved processing speed, precise and accurate data to allow for additional tools for analysis in determining property valuations. System operation will be greatly improved and data available to the public will be more detailed in nature. New reporting tools will provide staff with the ability to be more responsive to requests for information.

*Change In Project From Prior Fiscal Years:*

$475,000 previously programmed in FY 2007 has been moved out to FY 2008 to reflect a more logical schedule of when these funds will be warranted for this project.

**OMB Systems**
(015-015-2-4) 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. The City's vendor is expected to introduce a web-based version of the software that the City anticipates implementing when this becomes available. An amount of $75,000 is included in FY 2008 for the web version of this product.

*Project Benefit:*

This project improves productivity through the upgrade and maintenance of the City's budget preparation system, used by every City department, that simplifies 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 Performance Budget system are estimated to be $20,000 annually.

*Change in Project from Prior Fiscal Years:*

Monies budgeted in FY 2008 are for a web-based replacement product when this may become available from the current Performance Budgeting vendor. The monies had been in FY 2007, but were moved out a year to reflect the more probable vendor project timeline.

**Payroll/Personnel System**
(015-015-2-5) Priority: Very Desirable

The City's payroll system is a 1984 mainframe system that does not adequately incorporate many human resources capabilities, such as application 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.

The City currently contracts with Arlington County to use the County's mainframe computer to run the City's payroll system. Arlington has notified the City that its conversion to a server-based ERP system in mid-2006 will mean that Alexandria needs to move its payroll system from Arlington's mainframe. As a result, the City's current payroll system is planned to be converted to a server-based system which will be located in the City's ITS Network Operations Center (NOC). It is anticipated that $250,000 in prior year monies will be used for the system conversion.

To improve the capture of time and attendance, work began in FY 2001 to phase in an automated Remote Time and Attendance system (Kronos is the system purchased). It is anticipated that the phases of the implementation will continue through FY 2006. This system works in concert with the existing Payroll/Personnel system.

*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 (such as COBRA management, which allows certain former employees to buy temporary health insurance at group rates) and the implementation of position control to ensure that budgeted positions are appropriately requisitioned and filled.

*Change In Project From Prior Fiscal Years:*

Monies for a new Payroll/Personnel system which would eventuall replace the converted system, have not been increased pending recommendations made following a planned system evaluation. Depending on the system eventually selected, the cost for a completely new system could significantly exceed $1 million plus substantially increased annual operating and maintenance costs. Staff and consultants in 2006 will start evaluating all options to find the system that meets our needs and for which return-on-investment (ROI) can be justified. Monies in the amount of $500,000 budgeted in FY 2007 have been reprogrammed to FY 2008. When a new system may be implemented has not been determined.

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**Financial Accounting and Asset Management System**
(015-015-2-8) 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, "Performance Series" 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-2010 to FY-2009 to coincide with replacement of the purchasing system in order to achieve full integration with the purchasing function. 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 resource/payroll system.

*Operating Budget Impact:*

Annual maintenance for the general ledger accounting system, which includes the fixed assets module, is approximately $30,000 per year.

*Change In Project From Prior Fiscal Years:*

The FY 2007 funds were reduced by $120,000 due to a delay in the vendor's release of a web-based product.

**Revenue Collection Management System**
(015-015-46) Priority: Desirable

The Finance Department is seeking to increase delinquent tax revenue collections by 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 tax accounts receivable function, 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. 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.

*Operating Budget Impact:*

Annual maintenance of this product is anticipated to cost approximately $22,500.

*Project Benefit:*

With the implementation of an integrated revenue collection system, the ability to target revenue across multiple tax systems would enhance the City's ability to collect delinquent accounts and to manage a taxpayer'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 tax collections within twelve months of its installation.

*Change in Project From Prior Fiscal Years:*

This project is being delayed until FY 2008 in order to plan and coordinate it with the technology and platform(s) used for all tax billing and receivable systems.

**Business Tax Accounts Receivable**
(015-015-47) Priority: Very Desirable

This project provides funding to complete the implementation of the City's business tax accounts receivable software. This new software will replace an outdated system. The enhancements to the Business 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.

*Change in Project from Prior Fiscal Years:*

There are no changes in this project from the prior fiscal year.

**Purchasing System Replacement**
(015-015-48) Priority: Desirable

This project provides for replacement of the City's current purchasing system. The current system is not integrated with the present general ledger accounting system, which is also scheduled for replacement in FY 2009. The lack of integration with the accounting system perpetuates the need for maintaining a parallel, manual system for the preparation, approval and tracking of departmental purchase orders. This creates inefficiencies as Agency Purchase Orders / Purchase Requisitions are prepared and approved manually, while the purchase order data is then manually and independently entered in both the accounting and purchasing systems. Vendors are paid through the accounting system and the vendor balances in the purchasing system are not updated through any kind of automated interface.

## INFORMATION TECHNOLOGY PLAN

In order to improve the quality and timeliness of critical financial information, the existing purchasing system is scheduled for replacement in FY 2009 after initial research and requirements have been defined in FY 2008.

*Project Benefit:*

A fully functional purchasing system, incorporating all of the work flow and real time data interface features required, will provide significant internal efficiencies by eliminating duplicated effort. It is envisioned that the new system will provide a high level of functionality to vendors with respect to e-procurement via a WEB interface, as well as the ability to automate e-payments to vendors and a reduction of manual check processing and delivery.

*Operating Budget Impact:*

It is estimated that approximately $45,000 may be required for annual maintenance beginning in FY 2010 although there may be economies of scale as the system will be fully integrated with the new accounting system.

*Change In Project From Prior Fiscal Years:*

There are no changes in this project from the prior fiscal year.

**Personal Property Tax System Replacement**
(015-015-49) Priority: Desirable

This project provides for enhancement of the personal property tax system. The City's personal property tax system exists on an older development platform which should be updated to reduce staff hours required to support the application. Funds in the amount of $250,000 are included in FY 2007 for the re-write of this application on a platform that is comparable and compatible with those being used by the other tax systems.

*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. It is envisioned that citizens will be able to view and update their tax account data in real time via the City's web site. This will redirect a considerable staff effort currently spent doing data entry to reviewing and editing data and collecting taxes.

*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:*

Funds in the amount of $250,000 are included in FY 2007 to begin this project.

**Cash Register Software Upgrade**
(015-015-50) Priority: Very Desirable

This project provides for the upgrade and enhancement of the Treasury Division's automated cash register system. PCI's Revenue Collection System was implemented as a stand-alone cashiering solution in 1995. While the cash register hardware and peripherals were partially upgraded in FY-2003 in order to operate under Win2000, the obsolete software platform, "BTrieve" (Pervasive SQL) was not upgraded. The City is currently the last site still running the obsolete version of the RCS cash register system based on BTrieve. The vendor, PCI, will currently support but no longer advance the City's system without costly programming charges. As the City is unable to provide any "BTrieve" support, the cash register system should migrate to PCI's MS SQL database version before the vendor completely ceases support for the BTtrieve version.

*Project Benefit:*

By upgrading the cash register system, the City's Treasury Division will have a more current database platform capable of easier integration with other receivable systems running on the same platform. This solution will provide a means to creating increased functionality for the City's residents and staff. The additional functionality envisioned will permit acceptance of debit cards, providing the City's residents with an additional payment option as well as the ability for cashiers to review all tax and parking ticket balances in real time.

*Change In Project From Prior Fiscal Years:*

There are no changes in this project from the prior fiscal year.

**Geographic Information Systems**

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| GIS Development | 342,600 | 0 | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 792,600 |
| Highway | | | | | | | | |
| Expenditure Totals | 0 | 2,089,990 | 0 | 0 | 0 | 0 | 0 | 2,089,990 |
| Less: Revenue | | | | | | | | |
| Totals | 0 | -1,656,490 | 0 | 0 | 0 | 0 | 0 | -1,656,490 |
| Net City Cost | 0 | 433,500 | 0 | 0 | 0 | 0 | 0 | 433,500 |
| **Totals** | **342,600** | **433,500** | **90,000** | **90,000** | **90,000** | **90,000** | **90,000** | **1,226,100** |

**GIS Development**
(015-015-3-3) Priority: Very Desirable
Continued success of the Geographic Information System (GIS) is focused in two areas; data development and maintenance and data distribution. These project areas are equally important to the success of Alexandria's enterprise GIS.

# INFORMATION TECHNOLOGY PLAN

## GIS Data/Layer Development and Maintenance

The capital request for layer development for this project is sufficient to complete the layers currently listed as priorities in the capital plan (Appendix C). The funding will allow new critical layers to continue to be added to the system over time. Layer priority is determined by the GIS Steering Committee based on both need and the development status of supporting data.

During FY 2007 the GIS will require a new terrain model. Building a terrain model is the most expensive part of the GIS base mapping program and is scheduled for every 6th year. This was last done in FY 2001 and is needed to maintain a consistent level of accuracy throughout the system.

During FY 2007 GIS will continue to pursue the next level of GIS development; integrating GIS layers with other forms of enterprise data such as Real Estate Assessment's new mass appraisal system and the City's permitting application. During FY 2006 GIS took a big step forward with this objective by fully absorbing the addressing responsibilities for City applications as a core function. Current efforts now center on cleaning up address information in existing enterprise databases to ensure clean linkages to the data, as well as efficiently modeling data from these systems to represent them effectively within the GIS. Integration with other enterprise systems is a high priority for 2007.

## Hardware/Software/Training

The City currently maintains 17 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 the GIS Division staff. 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 2007 an evaluation of software usage will be undertaken to determine whether changes need to be made to current licensing. In addition, now that the GIS program is mature a fresh look at department-specific GIS centric applications will be undertaken.

During FY 2006 GIS continued to focus on increasing awareness and use of GIS throughout the City. During this time the training class, "Introduction to ArcExplorer" has continued to be taught, however, Web-based GIS is slowly supplanting use of this application. As a result, this class is now being taught 6 times a year instead of 12. Both methods are available and widely used throughout the City. During FY 2006 the number of mid-level users accessing the much more powerful ArcView client has had an increase. We have now trained approximately 40 users Citywide since the inception of our training class series in March 2004. ArcView classes are now taught three times annually.

Updates to the class materials to reflect both upgrades in software and changes to how GIS data and services are maintain and distributed are required and are scheduled for late FY 2007.

In FY 2007, The GIS Division will need to replace its plotter. In addition, a new ArcIMS server may be needed to handle the load produced by the planned large increase in IMS Internet applications.

Internet Access

In FY 2006 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.

Externally there will be a major effort to communicate spatially to the public through dynamic ArcIMS applications in FY 2007. A complete rewrite of the flagship IMS application, "The Parcel Viewer" was completed in FY 2006. The method of deployment was redesigned to facilitate near real time updating of data for web-based applications. Development of the suite of external mapping applications originally slated for FY 2006 will be undertaken in FY 2007.

*Operating Budget Impact:*

The Department of Planning and Zoning is responsible for management of the GIS. A staff of six (a GIS Manager and two GIS Specialists, a Planning Assistant, a Cartographer, and a Senior GIS Planning Technician) are currently responsible for implementing the enterprise GIS function as well as supporting the GIS needs of Planning and Zoning. Staff time is evenly split between these two functions. An ITS Database Administrator supports the back-end databases and facilitates access to other enterprise data sources.

*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. The City staff and the public are provided with quick access to consistent answers City wide. GIS enables staff to provide the City Council, various boards and commissions and the public with accurate maps which help synthesize significant amounts of information about geographic related issues such as zoning, demographics, routing and infrastructure.

*Change In Project From Prior Fiscal Year:*

This project is able to forego funding in FY 2007 due to an availability of prior year resources.

**Highway Video Program**
(015-015-3-4) Priority: Essential

The project seeks to improve several areas relating to traffic management, including the real-time response to congestion caused by daily traffic patterns and incidents, by providing live video images of intersections to the City's traffic control room, local first responders (fire and police), and other local jurisdictions. There will be a multi-pronged approach to achieving the goals of the project, thus several departments in the City will play key roles in the implementation of the goals. The communication technology for this project is a fiber optic network. In FY 2006, $41,000 in City funding was provided for the Highway Video Program/Intelligent Transportation System project to provide the required match for federal funding. In FY 2007, an additional $433,500 is required to match the federal grant funds being provided for this initiative.

## INFORMATION TECHNOLOGY PLAN

*Project Benefit:*

This project is anticipated to provide benefits to many community stakeholders. By providing the capability to identify traffic problems in real-time, the City can centrally adjust traffic signal operations to clear the resulting congestion, as well as to optimize routing for emergency response units.

*Operating Budget Impact:*

This is unclear at this time. The communication medium will be fiber optics, with the exploration of other technologies (i.e. - wireless) to address concerns with construction.

*Change in Project from Prior Fiscal Year:*

There is no change to this project from the prior fiscal year.

## Public Safety Systems

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| Public Safety Radio System Replacement | | | | | | | | |
| Expenditure Totals | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 300,000 |
| Less: Federal Byrne Grant | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Net City Cost | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 300,000 |
| Alexandria Justice Information System (AJIS) Enhancements | 0 | 185,000 | 246,000 | 185,000 | 185,000 | 185,000 | 185,000 | 1,171,000 |
| Police/Fire Computer Aided Dispatch (CAD)/RMS | 172,290 | 425,000 | 275,000 | 106,600 | 338,500 | 0 | 127,500 | 1,444,890 |
| 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 |
| Emergency Operations Center | | | | | | | | |
| 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 |
| E-911 Planning and System Replacement | 0 | 1,500,000 | 0 | 0 | 0 | 0 | 0 | 1,500,000 |
| EMS Records Management System | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheriff Accreditation Training System | 0 | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| Sheriff Network Connectivity Conversion | 0 | 0 | 48,000 | 0 | 0 | 0 | 0 | 48,000 |
| **Totals** | 172,290 | 2,160,000 | 694,000 | 341,600 | 573,500 | 235,000 | 362,500 | 4,538,890 |

### Radio System Replacement

(015-015-4-1) 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.

Prior to FY 2004, expenditures were largely confined to the replacement of older portable and mobile radios. In FY 2004, however, City funds were combined with federal Byrne grant funds and the $7.3 million radio system infrastructure upgrade process was initiated. Vendor selection for the upgrade was completed in FY 2005, with upgrade installation work to be completed in FY 2006. New system user activation was completed in December 2005. The majority of this project has been completed.

*Operating Budget Impact:*

The annual cost of maintenance for the replaced system is estimated at $498,000.

*Project Benefit:*

The replacement radio system will enhance productivity and provide better quality service by:

- Providing better system coverage within 2 miles of City limits;
- reducing the number of busy signals officers receive when attempting to communicate with the emergency communications center or respective base stations;
- 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.

*Change In Project From Prior Fiscal Years:*

An amount of $50,000 is included in FY 2007 - FY 2012 for replacing radios that break unexpectedly through the year.

**Alexandria Justice Information System (AJIS) Enhancements**
(015-015-36) Priority: Very Desirable

As envisioned, modifications continue to be made to the Alexandria Justice Information System (AJIS). The Sheriff's Office has completed testing a finance component that tracks inmate accounts and commissary purchases. AJIS interfaces are currently being created for a classification application and LiveScan application. These interfaces will enhance the Sheriff's Office's ability to quickly classify and identify new inmates. Most recently, the Virginia Supreme Court changed case types requiring changes to AJIS functions and forms. To meet a Supreme Court of Virginia mandate, plans are being made for subscriber-access through the Internet to Clerk of the Circuit Court land records. Once Internet access is implemented, the Clerk's office will have access to state monies for additional improvements to AJIS. Please see the 'Public Access to Land Records' for more information.

AJIS will continue to require modifications based on changes to federal, state and local statutory requirements. This funding is also needed for the upgrades required by the variety of software used by AJIS. This is necessary to ensure that AJIS continues to perform at the highest capacity.

*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.

*Change In Project From Prior Fiscal Years:*

An additional $61,000 has been added to the AJIS project in FY 2008 to fund the Sheriff's request for wireless access to the AJIS system for legal process service workers.

**Police/Fire Computer Aided Dispatch (CAD)/Records Management System (RMS) Replacement**
(015-015-4-3) Priority: Essential

This project provides for the phased replacement of the hardware for the City's mission-critical Police and Fire computer aided dispatch and records management systems. The replacements are:

- The CAD PC-based equipment will require replacement in FY 2008, FY 2010, and FY 2012. Specifically, there are 19 workstations (12 Police, 7 Fire) with PC equipment. This equipment should 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 gateway computers, which support the essential functions of the CAD (2 Police, 2 Fire) 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 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 have been tested in anticipation of implementation. AVL will provide the Police and Fire Departments with the ability to constantly monitor the location of vehicles to improve the management of field resources and to increase safety. By the end of FY 2006, we anticipate equipping one-half of our vehicle fleet (approximately 100 units) with GPS receivers and associated software to transmit information to headquarters and to display the vehicle on a map.

Planned initiatives for FY 2007 include:

- The purchase of PowerPhone software. This program provides 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.

- The purchase of LG Address software. This software provides integrated administration of address records for both CAD and mapping through an interactive map interface.

The Records Management Systems, housed on the AS/400, provide the base for almost all data collected by Police and Fire staff.

*Change in Project From Prior Fiscal Years:*

- The original budget of $775,000 in FY 2007 has been reduced to $425,000 to reflect a more recent assessment of project needs.

- Funding in the amount of $275,000 in FY 2008 to provide $100,000 as the estimated City's share of a potential regional CAD-to-CAD interface project.

- An increase of $9,100 in FY 2009 to cover AS/400 maintenance.

- A decrease of $405,000 in FY 2010 due to a change in IBM pricing.

- $127,500 added in FY 2012 for replacement CAD equipment.

- The timing of systems (CAD/RMS/E-911) replacement will need to be coordinated with the schedule for constructing a new police headquarters facility.

**Interoperability Strategies for Public Safety (CommTech Project)**
(015-015-34) 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 to test public safety interoperability solutions (hardware/software) and improve issues regarding connectivity among data and radio systems of neighboring public safety agencies with overlapping or adjacent jurisdictions.

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 up to 22 different public safety agencies, including the Montgomery County, Maryland Police Department, Prince William County Police Department, Pentagon Force Protection Agency and the United States Department of State.

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 *www.ojp.usdoj.gov/nij/topics/commtech*. 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 technical support for public safety agencies across the United States following the incidents of September 11. Locally, the program focuses on any interoperability issues impacting the region. Locally these agencies include the Arlington County Emergency Communications Center; the District of Columbia Public Safety Communications Center and the Prince William County Police Department. In addition, the CommTech Program is often contacted to lead communications efforts for large interoperability events such as presidential inaugurations, large special events in the District of Columbia such as the dedication of national monuments and social events.

In addition to working on audio interoperability solutions, the CommTech Program is also working on data interoperability projects, such as CapWIN and evolving data sharing projects emerging in the National Capital Region.

*Change in Project From Prior Fiscal Years:*

There is no change to this project from the prior fiscal year. The CommTech Program provides all funding for training and travel costs. There are no City costs associated with this project.

**Emergency Operations Center Enhancements**

(015-015-33) Priority: Essential

This project provides for a number of information technology enhancements to the City's Emergency Operations Center (EOC). These enhancements are required to create and maintain a modern, reliable EOC. In FY 2005, the following recommended improvements were made to the EOC:

- The City purchased and implemented a product called WebEOC, which is an application that delivers a wide range of features for the planning and management of real-time incident / event information. It is designed specific to emergency operations center functions constructed with a control panel (the "remote control") that, depending on configuration, can launch status boards, maps, and links to other applications or sites, etc.

- The City implemented Roam Secure, which builds, deploys and manages emergency communication systems for local, state and federal government agencies and businesses. Roam Secure facilitates communications during emergencies and routine incidents through a combination of cell phones, pagers, Blackberry, PDAs, email and desktop alerts. Cities that use the Roam Secure service can contact enrolled citizens and businesses in seconds with specific, targeted information during emergencies. To enroll your cell phone, pager, PDA or email in the Roam Secure alert system, go to *alexandriava.gov*.

*Operating Budget Impacts:*

The annual depreciation for the 30 EOC laptop computers (one for each position in the EOC, plus spares) is estimated at $20,000 annually over their three-year life. The units were acquired with a three year warranty.

*Project Benefit:*

This project will help ensure that the EOC can be established and properly functioning in a minimal amount of time and with minimal opportunity for implementation error.

*Change In Project From Prior Fiscal Years:*

There is no change to this project from the prior fiscal year.

**E-911 Planning and Replacement**
(015-015-38) Priority: Essential

The 911 emergency telephone system is an integral part of the communication and response network for the City's emergency services. On average, the Police and Fire communications center receives over 950 emergency and non-emergency calls per day.

While the current system (which was last updated in FY 1996) has been reliable and sound, replacement is required as the current servicing contractor has indicated that providing support for this system is becoming increasingly difficult because the technology currently in use is no longer sold and installed and therefore replacement parts are increasingly hard to come by.

In addition, rapid advances have occurred in the area of wireless 911 that must be accommodated. Federally mandated technology improvements are being deployed by the cellular industry to allow pinpointing of the exact location of calls to 911 that come from cellular telephones. The City's 911 system must be updated to take full advantage of this technological improvement. Funding to support an assessment of the current system may be partially provided through the State of Virginia's Wireless Services Fund, which collects an assessment from wireless telephone users to assist in supporting needed technological improvements. However, it is estimated that funds in addition to those received from the Wireless Services Fund will be required to adequately analyze and plan for the 911 system replacement. A requirements gathering exercise and RFP technical scope have been completed for the replacement system. It is anticipated that this City will issue an RFP for the new system in the early part of 2006.

*Operating Budget Impacts:*

Annual operating costs, depending on the type of system acquired, are estimated at $50,000 to $75,000 annually.

*Change in Project from Prior Fiscal Year:*

An amount of $1,500,000 is included in FY 2007 to replace hardware and software for the City's Emergency-911 system.

**Emergency Medical Services Records Management System**
(015-015-39) 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.

The vendor for the current system has indicated that they will no longer be supporting this product within 1 year. In FY 2006, the replacement system is scheduled for implementation using funds programmed in FY2005.

*Operating Budget Impacts:*

The ongoing operating budget impact is anticipated to be $34,000 per year.

*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.

*Change in Project from Prior Fiscal Years:*

There are no changes in this project from the prior fiscal year.

**Sheriff Accreditation Training System**
(015-015-51) Priority: Desirable

The Department of Criminal Justice Services requires all deputy sheriffs to receive 40 hours of mandatory training in law enforcement, corrections and/or court security every two years. The American Correctional Association and Commission on Accreditation for Law Enforcement Agencies requires all deputy sheriffs and select civilian staff to receive 40 hours of training each year. 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 the City of Alexandria and their assigned Office of Sheriff locations (jail, courthouse) to complete this mandatory training. Overtime is required to ensure minimum staffing at the various Office of Sheriff locations while staff participate in off-site required 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 the normal duty hours.

*Project Benefit:*

The computer based training will be interactive and document the staff person participating, dates, time start and time end, and testing process. Allowing deputy sheriffs to take computer-based training classes to meet annual training requirements will eliminate the need to have the deputies off-site and away from their duty stations, and thus eliminate the current requirement to back-fill to ensure minimum staffing requirements as well as reduce overtime costs. Appropriate videos, training aids, web-based programs (ACA, LETN, AJA, IACP, NSA) would be utilized to provide as much training for Office of Sheriff staff to meet the requirements of accreditation and DCJS, if approved.

*Operating Budget Impact:*

Annual maintenance costs for this project are expected to be about $11,250.

*Change in Project from Prior Fiscal Year:*

The estimated cost of this proposed project is $75,000, currently included in FY 2008 of the IT/CIP.

**Sheriff Network Connectivity Conversion**
(015-015-53) 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's 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:*

Funds in the amount of $48,000 are included in FY 2008 for this project.

**Recreation Systems**

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| Recreation Systems | 75,000 | 0 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| Recreation Computer Laboratories | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Totals** | **75,000** | **0** | **0** | **0** | **0** | **0** | **0** | **75,000** |

**Recreation Systems**
(015-015-5-2) Priority: Desirable

This project provides for development and installation of automated systems to support the management of recreational services, including park maintenance. The Department of Recreation, Parks & Cultural Activities began addressing administrative and resident services issues through better application of technology in FY 2001. Several software application modules, including facility and activity reservations, point-of-sale management, and financial tracking have been in place at Chinquapin Park Recreation Center, which generates over $1 million in revenue annually. Park and facility maintenance automation modules were installed during FY 2001-2002 to improve time management and maintenance tracking for over 800 park acres. All full-time recreational facilities were connected to the City's I-Net in FY 2003. Currently, all Centers have installed the Pass Management System and are connected with the Department's main administrative office for real-time tracking of on-site customers. The City is now testing the telephone registration module of the system for implementation. The module will allow residents to register and pay for recreational activities electronically using a telephone. A decision on the use of the module will be made by Spring 2006. The implementation plan for the system, including the integrated recreation software package and associated hardware upgrades, is expected to continue through the fiscal year. The Park Maintenance modules have been installed and staff have finalized the implementation and usage of the modules. The maintenance portion of the system is now active.

*Operating Budget Impact:*

The combined annual maintenance fee on these systems is $8,750. The annual maintenance fee includes telephone support during business hours and upgrades to the software at no additional charge.

*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. The planned use of this system will provide the capability for residents to register and pay for recreation classes and activities electronically, either on the telephone

or over the Internet. This integrated system improves work productivity by providing better information gathering and coordination of work functions within the department.

*Change in Project From Prior Fiscal Years:*

There is no change in this project from the prior fiscal year.

**Other Systems**

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| Permit Processing | 520,600 | 60,000 | 120,000 | TBD | TBD | TBD | TBD | 700,600 |
| MHMRSA HIPAA Data Security | 75,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 225,000 |
| Intranet | 105,000 | 0 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 155,000 |
| TES Infrastructure Management and Maintenance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Help Desk System | 30,000 | 0 | 0 | 0 | 0 | 0 | 0 | 30,000 |
| IT Project Management | 50,000 | 50,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| DHS Payment System | 0 | 40,000 | 280,000 | 0 | 0 | 0 | 0 | 320,000 |
| **Totals** | 780,600 | 175,000 | 435,000 | 35,000 | 35,000 | 35,000 | 35,000 | 1,530,600 |

**Permit Processing**
(015-015-5-1) 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, Volume II complaint tracking (for complaints regarding existing structures), civil penalties ticket tracking, fire inspections performed by the Fire Department, residential rental program inspections, tenant/landlord complaints, Planning and Zoning complaints, T&ES permits, occupancy certificates and other construction related permits, such as building, mechanical, electrical and plumbing.

Members of the City's Permitting Committee work with staff from the various departments to identify on-going system needs to address current and planned business practices.

Internet access to the City's permitting system is now available on the City's web site. Citizens and construction contractors have requested an increase in the services of the site to include the ability to file permit applications, pay for permits and schedule inspections from 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.

The Permitting Project includes $120,000 in FY 2008 for continued costs relating to the 'Code Mobility' project (allowing access to the permitting application to inspectors infield). This project has recently been initiated. Full implementation is anticipated by Fall 2006.

*Operating Budget Impact:*

Annual operating budget costs for current system maintenance are approximately $12,000 per year.

*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 on when permits are required, which frees up staff to do other tasks.

*Change in Project From Prior Fiscal Years:*

Funding in the amount of $60,000 is included in FY 2007 to support on-going initiatives. As funding needs are less clear after FY 2008, the remaining project years show 'TBD' or "to be determined" for FY 2009 - 2012.

**MHMRSA HIPAA Data Security**

(015-015-31) 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 will impact all functions, processes and systems that store, handle, or generate health information.

The standards for Privacy of Individually Identifiable Heath Information (the Privacy Rule) took effect on April 14, 2001. The Privacy Rule creates national standards to protect individuals' personal health information and give patients increased access to their medical records.

The Health Insurance Reform: Security Standards, Final Rule were adopted on February 20, 2003. This final rule adopts standards for the security of electronic protected health information to be implemented by health plans, health care clearinghouses, and certain care providers.

The act is complex and the regulations by design leave the procedural implementation decisions open to interpretation. The scope of the 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 measurers to mitigate these risks. Some key accomplishments in FY 2006 includes:

- Implemented a Hot Backup Site at the West End Club House.
- Acquisition and deployment of second Citrix server to provide redundancy and load-sharing for our remote sites.
- Acquisition and testing of a backup MS SQL database server.
- Acquisition of disk imaging hardware to improve the consistency of departmental computers and assist in rapid recovery of distressed systems.

*Project Benefit:*

This project provides funding to ensure City compliance with HIPAA regulations.

*Change In Project From Prior Fiscal Years:*

The addition of $25,000 in each fiscal years 2007 through 2012 for additional HIPAA related security improvements implementation such as:

- Improving the department's ability to remotely manage our systems.
- Implement access to our systems for staff who visit consumers in their homes.

**Intranet**
(015-015-28) 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).

- Allow departments to electronically distribute information solely to their own staff without having to make this information available to all City staff.

*Change In Project From Prior Years:*

This project is able to forego funding in FY 2007 due to an availability of prior year resources.

**TES Infrastructure Management and Maintenance System**
(015-015-29) Priority: Essential

Transportation and Environmental Services (T&ES) Operations (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 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

*Operating Budget Impact:*

The annual operating budget impact is estimated at approximately 15 percent of the current year software cost, or $11,250.

*Project Benefit:*

This project enhances productivity by eliminating unnecessary manual data entry, accumulating more accurate maintenance data and creating a database of infrastructure items and activities.

The residents and the City benefit because of the enhanced ability to respond to resident complaints about City infrastructure in a more timely and accurate fashion.

Change In Project From Prior Fiscal Years:

There are no changes in this project from the prior fiscal year.

**Help Desk System**
(015-015-32) Priority: Essential

In FY 2005, ITS implemented a web-based Help Desk system, which integrates with the Lotus Notes (LN) Name and Address Book (NAB). The web-based application allows ITS staff and other technical staff to access the application from any network connected workstation and eliminates the need for workstation client upgrades.

Interfacing with LN has allowed for automatic responses to users when service calls have been assigned for service or have been closed.

The system includes a knowledge base module, asset inventory module, personnel module, and help desk ticketing/tracking module. In an attempt to leverage IT knowledge bases across the City, the system is also used by the ITS Help Desk, AJIS Help Desk, Recreation Help Desk, and Mental Health Help Desk. The Fire and Sheriff departments are also evaluating the system for tracking of departmental service calls.

*Project Benefit:*

The expanded accessibility of this system via the web-browser will improve the efficiency in which Help Desk staff are deployed. Once dispatched to an office on a call, Help Desk staff can check the system to see if there are other calls to be responded to near their current location prior to returning to the office.

*Change In Project From Prior Fiscal Year:*

There are no changes in this project from the prior fiscal year.

**Information Technology Project Management**
(015-015-41) 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. In FY 2003, ITS created the Information Technology Project Office, a City-wide resource for project management assistance. In FY 2003 and FY 2004, the Project Office sponsored four 10-week training sessions of IT Project Management Education, graduating over 65 employees from departments throughout the City. The focus of the training is to increase attendees' awareness of project management tools and techniques and the unique demands presented by information technology projects. The Project Office also released a series of project management templates (available on CityNet and on CD by request) 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 software, which will improve communications and understanding of project progress.

*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**
(015-015-42) Priority: Desirable

The Human Services department is requesting funding to upgrade to a web-based version of its payment and case management system. The current system, Harmony, is used by Human Services, MHMRSA, Alexandria City Health Department, Alexandria City Schools and Court Services personnel for service-related cases.

The current version of Harmony used by the City has not been sold for more than 3 years. The system vendor has notified DHS that continued support would only be performed with payment of an hourly programming fee.

*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.

*Change in Project From Prior Fiscal Years:*

This is a new project. Funds in the amount of $40,000 are included in FY 2007 for as-needed system maintenance. The full system replacement cost of $280,000 is included in FY 2008.

**Local Area Network (LAN) Development**

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| LAN Backbone Capacity | 100,000 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 350,000 |
| Individual Building LAN Development | 50,000 | 50,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 225,000 |
| Upgrade Network Operating System | 75,000 | 50,000 | 25,000 | 15,000 | 15,000 | 15,000 | 15,000 | 210,000 |
| Upgrade Work Station Operating | 5,000 | 105,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 360,000 |
| Network Infrastructure Hardware Upgrades/ | 818,100 | 0 | 578,125 | 482,125 | 492,125 | 455,000 | 0 | 2,825,475 |
| Storage Area Network | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 |
| **Totals** | **1,048,100** | **205,000** | **978,125** | **622,125** | **632,125** | **595,000** | **140,000** | **4,220,475** |

**Increase the Capacity of the LAN Backbone**
(015-014-1-1) Priority: Essential

A LAN backbone is the set of electronic components (electronic ethernet or ATM 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.

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 100 megabits of data 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 email, the backbone capacity is needed in many City facilities.

In FY 2002, the City's first gigabit per second (gbps) backbone was placed in operation in City Hall. Also in FY 2002 staff began replacing the remaining 10 megabit shared ethernet hubs and concentrators with 100 megabit ethernet switches. The upgrade to gigabit ethernet throughout the City was completed in FY 2005.

*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.

*Change In Project From Prior Fiscal Years:*

Funding for this project in the amount of $50,000 in FY 2007 has been reduced due to the availability of prior year funds. Funding for this project has been extended to FY 2012 in the amount of $50,000.

**Individual Building LAN Development**
(015-014-1-2) 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 (Information Technology Services staff, Transportation and Environmental Services staff, 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 gbps 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.

*Change In Project From Prior Fiscal Years:*

Funds in the amount of $50,000 are included in this project in FY 2007. Funding for this project has been extended to FY 2012 in the amount of $25,000.

**Upgrade Network Operating System**
(015-014-1-3) Priority: Essential

The City has standardized on Microsoft Windows 2000 Advanced Server as the operating system for servers. This version of server operating system provides the ability to synchronize the directory and user entries on all WAN connected servers, simplifying the administration of these servers.

The City maintains scripting software (which is used for remote desktop administration) to manage consistent Windows client configurations and simplify network management tasks and reduce the time necessary to perform those tasks.

This software allows for centralization of drive mappings, search paths, time synchronization, desktop shortcuts, startup applications and the display of legal notices and pop-up messages.

This project is implemented in conjunction with the Network Infrastructure Hardware Upgrades/Replacement project.

*Project Benefit:*

This project enhances productivity by enabling ITS staff to reduce time spent managing and monitoring the City's network services and allows City network engineers to concentrate on one operating system instead of managing multiple systems.

*Change In Project From Prior Fiscal Years:*

There is no change in this project from the prior fiscal year.

**Upgrade Workstation Operating Systems**
(015-014-1-4) Priority: Essential

This project provides funds to upgrade the operating system on City computer workstations with an appropriate version of Windows. This project also provides for additional workstation memory and larger capacity hard drives as necessary. These upgrades are required to support the next generation of City email 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. This project also provides for the labor costs of installing the new operating systems.

The current desktop operating system standard is Windows 2000. However, Windows XP operating system has been implemented in limited quantities throughout the City including the City's Emergency Operations Center and other mobile laptops requiring wireless access.

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 at least 5 years through June 2010. In addition, Microsoft's next generation operating system, Windows VISTA is expected to hit the mainstream market in early 2007.

Given the current Microsoft product life cycle time line and continued growth of Windows XP exceptions in the City, ITS and external Help Desk are beginning to test Windows XP on select user workstations. This is a proactive measure meant to identify software incompatibility of legacy systems prior to the introduction of Windows VISTA.

*Project Benefit:*

This project enhances productivity for City computer users who require functions that are available in new workstation operating system versions that enable them to run new applications. Users whose job requires the use of many different software applications, or applications that require significant computer resources, are better served by Windows 2000 or Windows XP.

*Change In Project From Prior Fiscal Years:*

Funding for this project has been extended through FY 2012 in the amount of $50,000.

**Network Infrastructure Hardware Upgrades/Replacement**
(015-014-1-5) Priority: Essential

This project provides for the phased replacement of the hardware and software required to operate the City's computer network services in a safe and reliable manner. This project also provides funds for consulting services needed to properly plan and execute the scheduled network infrastructure upgrades.

The table in Appendix A, 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.

*Operating Budget Impact:*

New and replacement servers are acquired with four year on-site maintenance warranty service, allowing annual maintenance costs for network equipment to be held to a minimum.

*Project Benefit:*

This request funds the purchase of hardware and software for the phased replacement of servers in accordance with the Appendix C schedule and the purchase of new servers needed to continue to provide the system reliability (system availability) that is expected. It also includes the administration software and desktop licenses required to manage the network from these replaced servers.

By pairing (clustering) servers and introducing shared disk data storage devices, the City can improve availability of network services to industry standards (in excess of 99 percent up-time). With these new technologies, multiple servers store data on a set of highly-redundant, interchangeable disk storage devices which reduces downtime, eases maintenance and supports easier upgrades. The City will continue to consolidate by using large enterprise class servers whenever possible and retiring the older, smaller servers by collapsing these into clusters of two, with each set of two sharing a set of LAN data storage devices.

*Change In Project From Prior Fiscal Years:*

This project is able to forego funding in FY 2007 due to the availability of prior year unexpended funds.

**Storage Area Network**
(015-014-14) Priority: Very Desirable

A Storage Area Network (SAN) is a high-speed network, similar to LANs, that connects disk subsystems directly to servers or clients. SANs help to relieve network congestion and bypass distance limitations imposed by traditional Small Computer Storage Interface (SCSI) connections. They provide more rapid access to data and provide improved resiliency for backup and archiving of data.

With constant growth in the amount of data requiring storage, the demand for additional network storage capabilities continues to rise. A SAN is superior to the lower-cost storage alternative, Networked-Attached Storage (NAS), for several important reasons. NAS attaches to the network as a network device, so the NAS traffic competes with other LAN traffic. NAS also cannot support multiple servers easily. A SAN has its own network, so traffic is independent of the existing LAN. A SAN supports multiple servers with speed and reliability.

During FY 2005, acquisition of the City's SAN hardware and consulting services was completed, and implementation began.

This project also provides funding for the replacement of the City's tape library, commonly known as the ADIC. The ADIC is the cornerstone of our backup solution for the City network, and is nearing the end of its useful life. The replacement will utilize newer technologies and allow for greater storage density per square foot of floor space. In addition the unit will provide for slot and drive expansion within its rack, allowing less expensive options for expanding the network online tape archive size and backup throughput.

*Project Benefit:*

SANs provide more secure storage of data and help protect against data loss through a variety of technologies such as disk units that can be exchanged without having to turn the SAN off (hot-swappable) and the ability to automatically switch to another server in the event of a server failure. The City continues to add capacity to the City's SAN to accommodate additional servers as necessary. An amount of $250,000 is included in FY 2008 for this project.

*Change In Project From Prior Fiscal Year:*

There are no changes in this project from the prior fiscal year.

## Wide Area Network (WAN) Development

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| Institutional Network | | | | | | | | |
| Expenditure Totals | 0 | 665,000 | 665,000 | 665,000 | 665,000 | 665,000 | 665,000 | 3,990,000 |
| Less: Revenue Totals | 0 | -665,000 | -665,000 | -665,000 | -665,000 | -665,000 | -665,000 | -3,990,000 |
| Net City Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Telephony Integration | 50,000 | 246,000 | 464,530 | 199,274 | 187,231 | 171,640 | 208,545 | 1,527,220 |
| Security | 50,000 | 25,000 | 40,000 | 40,000 | 0 | 0 | 0 | 155,000 |
| Application Deployment | 83,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 233,000 |
| Database Infrastructure | 153,000 | 40,000 | 65,000 | 65,000 | 65,000 | 40,000 | 0 | 428,000 |
| **Totals** | **336,000** | **336,000** | **594,530** | **329,274** | **277,231** | **236,640** | **233,545** | **2,343,220** |

**Institutional Network (I-Net) Development**

(015-014-2-1) Priority: Essential

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). In FY 2005 and early FY 2006, more facilities were added and some of the data communication links between major City, School, and Library facilities were updated to provide improved speed and service. These are shown on the following page:

## INFORMATION TECHNOLOGY PLAN

| Facility or Site | Remarks |
|---|---|
| New Health Dept. | Completed in July 2004. |
| Visitor Center Public Safety | Completed in July 2004. |
| Interim Public Safety Facility | Completed in August 2004. |
| Gadsby's Tavern Museum | Completed in August 2004. |
| Durant Center | Completed in August 2004. |
| Sheriff's Dept. | Move in the Public Safety complex from the 2nd floor to the 3rd floor. Completed October 2004. |
| Inspectors Trailer at TC Williams Construction Site | Completed July 2005. |
| Inter-County Connector | Fiber installed to connect Arlington I-Net to join the City of Alexandria I-Net fiber. Completed Spring 2005. |
| Code Enforcement/PTO | Move to American Trucking Association building. Completed August 2005. |
| T&ES Engineering and Design | Move to the old Health Dept. facility at 720 N. St. Asaph St. Completed August 2005. |
| Ford Nature Center | Completed in November 2005. |
| Housing Dept. | Move from City Hall to 421 King St. Completed November 2005. |

Additional sites to be addressed in FY 2006/2007 are shown below:

| Facility or Site | Remarks |
|---|---|
| ITS Dept. | Move from City Hall to 421 King St. |
| T&ES | Move from City Hall to 405 Cameron St. |
| ITS Training Center | Move from 405 Cameron St. to 123 Pitt St. |

*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 which 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.

In FY 2005 the City contracted with a private firm to replace all of the I-Net switches from ATM to corsewave to improve throughput and to increase the longevity of the I-Net by implementing the next generation of this technology. This upgrade was completed for the Schools in December 2005, and will be completed for the City in spring 2006.

## INFORMATION TECHNOLOGY PLAN

*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. 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.

*Change In Project From Prior Fiscal Years:*

There is no change in City funding for this project from the prior fiscal year.

**Telephony**
(015-014-8) Priority: Very Desirable

This project includes the City-wide phased replacement of telephone switches for City and Library facilities. Alexandria City Public Schools (ACPS) telephone equipment will be funded through the ACPS operating budget and is not in the costs included in the IT Plan.
This project anticipates the future convergence of telephone and computer services, known as telephony or IP Telephony. Some of the more visible examples of this convergence are:

- Internet telephony (called Voice Over IP- VoIP) in which the Internet or LAN/WAN is used to carry voice communication;
- Web appliances which combine telephone services and wireless devices with Internet access;
- Telephone call management systems which enable the computer workstation to also be used as the desktop telephone device;
- Integrate telephone billing, inventory, and help desk systems to a web based system.

While these technologies are not yet sufficiently mature for deployment in the City's environment, they are technologies that have the potential for enabling future productivity improvements. To appropriately plan for the implementation of various telecommunications services, the City has been working with a contractor to develop a telecommunications strategic plan.

*Operating Impact:*

The operating and maintenance costs of telephone switches and voice mail units are not included in the ITS budget. Therefore, City department sand agencies need to work with the telecommunication coordinator to develop operating and maintenance budgets for telephone switches, voice mail units, phone sets, wireless phones, and pagers.

*Project Benefit:*

This project will provide more effective and efficient telephone and related telecommunications services to the City government, library system and the Alexandria City Public Schools.

*Change In Project From Prior Fiscal Years:*

Monies are included in FY 2007 to replace phone switches, in accordance with the 10-year switch replacement schedule.

**Security**
(015-014-3) Priority: Essential

This project encompasses functions related to assuring the security of data on devices such as computers, servers, networking equipment and telephone switching equipment. The goal of this project is to minimize the risk of unauthorized access to and destruction of City data.

This project provides the funding to implement the recommendations of the thorough security assessment of the City's information systems that was completed in 2003. The Security project provides resources to enhance protection of the City's network from unauthorized access through external connections such as connections to other jurisdictions and to the Internet. Additionally this project provides funds to protect against unauthorized communications between devices located on the City's network.

Security project funds provide for the acquisition, replacement, configuration, and enhancement of computer network security devices and software known as firewalls, virtual private networks (VPN), intrusion detection systems (IDS), intrusion prevention systems (IPS), proxy servers, logging servers, authentication devices, and anti-virus and anti-spyware software (AV). Cumulatively, these technologies control and monitor electronic access to the City's network. These tools ensure that data communications are authorized and protected from eavesdropping, interference, or manipulation.

There are multiple parts to this project:

- It is anticipated that software for Security awareness training will be purchased. This training is necessary for City employees, contractors, temporary staff and other users given access to City systems.

- It is anticipated that firewall appliances (hardware devices that run specialized firewall software), will be purchased to protect current and future inter-jurisdictional connections, as well as internal connections between key City buildings. Additionally, a firewall is needed to protect the City's disaster recovery site. These monies are in addition to monies budgeted for this purpose as part of the I-Net replacement project.

- It is anticipated that intrusion detection / intrusion prevention appliances (hardware devices that run specialized IDS / IPS software), will be purchased to protect sensitive I-Net locations.

- It is anticipated that a centralized log server will be purchased to correlate and analyze event notices generated by the City's security (i.e. authentication servers, firewalls and IDS/IPS ) and network (routers, switches, etc) systems.

- Successful implementation of these initiatives requires extensive documentation of the new systems as implemented, as well as the new responsibilities of ITS staff in maintaining these systems and responding to security incidents. It is expected that consultants will be used to develop this documentation.

- This project anticipates the purchase of a vulnerability scanning appliance in FY 2006 which will be used by contractors to perform annual analysis of the ever changing state of security on the City's computers.

- As needed, this project includes the purchase of expert services to test the efficiency and effectiveness of these devices and their configuration as they are implemented.

*Project Benefit:*

This project enhances productivity and ensures the City's quality of service by eliminating potential system intrusions that may disrupt network operations, damage system and data files and otherwise compromise the integrity of the City's networked environment.

*Change In Project From Prior Fiscal Years:*

An additional $25,000 is added to FY 2006 and FY 2007 for the purchase of additional internal firewalls and to provide sufficient funding for various initiatives.

**Application Deployment Management**
(015-014-15) Priority: Very Desirable

This project was formerly known as 'Computer Workstation Software Management.' The City has a number of application systems which employ client/server technology. Client/server technology developed in the 1980's and early 1990's was designed so that much of the work done by the application system is performed by the client and only a little is performed by the server. These are called "fat client" systems because they contain large computer programs which must be stored and run on the client's computer. This requires that each computer workstation that uses an application system of this type have a special piece of software loaded on it and also requires that for each change in the release of the application, that someone go to the workstation and install the special piece of software - a time consuming task.

Fat client services can also be delivered through a web browser using a class of software called terminal servers. Citrix Metaframe and Microsoft Terminal Server are the leading products in this class. This technology will also help support the City's three primary remote access initiatives:

- Mobile Workforce - Provide the ability for City field workers to efficiently access City applications and network resources from the field over very slow network connections.

- Application Deployment - Deploy complex and expensive applications with heavy client configuration and update requirements to occasional users of the software.

- Virtual Workforce - Provide the ability for City employees to work remotely from other locations than the worksite. This supports the City's telecommuting initiatives by enabling staff to access City network and applications remotely.

In 2006, when the two ITS training classrooms are moved to their new office space, one of the classrooms will be configured using Wyse terminals with Citrix services. This will enable staff to centrally load applications required for training classes without having to update each machine in the classroom.

*Project Benefit:*

This project will lower software administration costs by reducing the number of hours currently required to install software applications on individual PC's, and will provide network and application remote access to staff.

This project will allow the City to publish City applications on the Citrix farm. This will reduce the number of applications that need to be installed on client workstations. This also reduces the number of licenses that the City needs to purchase for various software packages, such as for the Computer Aided Dispatch upgrade project. In addition, less staff time is required to upgrade applications and client workstations.

*Change In Project From Prior Fiscal Years:*

There are no changes to this project from the prior fiscal year.

**Database Infrastructure Development**
(015-014-13) Priority: Very Desirable

The City currently possesses a number of database software products, as well as some older technology data access methods, that provide for the storage of key financial, personnel, and public safety data. These operational data systems - General Ledger, Purchasing, Payroll, Permitting, Real Estates and Tax systems - generally do a good job of capturing and storing detailed transactional data. But they were designed to deliver specific products and to answer specific questions, and are not always able to deliver information in an efficient and timely manner. These operational data contain unique data structures, different formats, are different from each other, with often only a single person within the City who understands their content. This project involves the codification of rules, processes, and data elements contained in these key operational data. The project also consolidates this data into an information infrastructure that will support rapid analysis, simplified reporting and provide access and consistency to the data throughout the City.

*Project Benefit:*

This project enhances productivity by providing for a standard reference to all data elements that are in various City electronic databases. It provides for the consolidation and coordination of information (such as addresses) across numerous databases without regard for the nuances of each database's environment or construction. The project provides better quality service by improving the timeliness and accuracy of staff interaction with residents who request information or services through many of the City's applications, including Permitting, GIS, Real Estate Assessments, Recreation Department and other City applications. These efforts will enhance and support the City's E-Gov and Web-enabled application initiatives by providing analytical processing, special data querying tools, and most importantly by preparing data into consistent, meaningful, reliable, and reporting-ready formats. As this information infrastructure matures, it will support increased accountability within City agencies, performance management, trend analysis, streamlined data integration efforts, and it will position the City to take full advantage of evolving intranet, extranet, and Internet technologies.

*Change In Project From Prior Fiscal Years:*

Funding for this project in FY 2007 can be reduced by $75,000, as prior year balances can be utilized for near-term needs.

**Enterprise Services**

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| E-mail Services | 192,000 | 200,000 | 250,000 | TBD | 90,000 | 105,000 | 0 | 837,000 |
| Wireless Initiatives | 50,000 | 0 | 70,000 | 20,000 | 20,000 | 20,000 | 20,000 | 200,000 |
| MS Office Conversion | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| **Totals** | **242,000** | **450,000** | **320,000** | **110,000** | **20,000** | **125,000** | **20,000** | **1,287,000** |

**E-mail Systems Development**
(015-016-1) Priority: Very Desirable

This project provides funds to improve and evolve the City's email services. IBM Lotus Notes/Domino is the City's software used to provide electronic mail (email) services to City employees. Domino, the server which supports Lotus Notes, provides a multiplatform foundation for collaboration and e-business.

Required email message storage space has increased dramatically as employees continue their reliance on this critical business tool. An archiving solution that allows employees to easily retrieve archived messages is needed to reduce the demand for space on the active Lotus Notes database. Archiving email frees up space and improves the performance of the active email database by storing documents in an archive database when they are old or not in use anymore. The City is investigating several email archiving solutions at this time.

Blackberry devices provide wireless access to email at all times. The City currently has deployed 79 devices to City staff who have critical emergency response duties. City staff anticipate the number of Blackberry units deployed to City staff will increase as new models of wireless productivity are implemented. The deployment of these devices is currently limited to department heads or on an "as needed" basis. Device costs and annual fees are to be reflected in the respective department's operating budgets.

iNotes is browser accessible email that will provide the capability for key city emergency staff to access their City e-mail from any Internet connection. With the implementation of iNotes, employees are able to check their email with a browser accessible device from anywhere, any place, and at any time, helping to facilitate teleworking and emergency responsiveness. iNotes improves employee productivity by providing easy access to work email accounts from wireless devices or from remote sites. An amount of $60,000 is included in FY 2007 to implement iNotes for all City staff.

As the use of email and related services is expanded throughout the City, consulting services for administration and development will be required. Monies in the amount of $50,000 in FY 2007 are included to address this need.

*Project Benefit:*

This project provides funds to implement several important email related initiatives that will improve employee productivity by improving access to essential information, improve speed and reliability of services, and take advantage of emerging technologies.

*Change in Project from Prior Fiscal Years:*

This project's funding has been reduced slightly in FY 2007 to $200,000 to reflect a more realistic time frame for when initiatives are likely to be completed.

**Wireless Information Utility**
(015-016-2) 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's "Wireless Alexandria" service, which went live in April 2005, allows any user with a wireless device to access the Internet at no charge. The service was the Washington, DC, region's first free, outdoor, wireless Internet zone, and still one of very few of its kind in the United States. The current outdoor coverage area is centered along the main downtown corridor and includes outdoor dining, Market Square, and the City Marina and Potomac River waterfront. Depending on building locations and other conditions, coverage is available for some distance around that corridor in each direction. If the pilot project continues to be successful, coverage may be expanded to other public spaces and pedestrian corridors in the City. Wireless Alexandria is also available at all Alexandria public libraries.

The goals of Wireless Alexandria are to provide a convenient public service to users, stimulate economic development and tourism by drawing people to Alexandria, promote the image of Alexandria as a high-tech community, and test the feasibility of using wireless devices for municipal operations. This "win-win" situation gives the government the rare opportunity to let the public use the same equipment city staff is testing for municipal use.

The service is optimized for outdoor use and uses 802.11b/g mesh routers. Although some indoor users may be able to connect to the system, the service is not intended to compete with commercially available Internet service and should not replace existing home or business Internet access. The project is narrowly tailored to serve a unique outdoor area of the city, and has virtually no impact on commercial Internet service providers.

At the conclusion of the pilot project in mid-2006, staff will consider the feasibility of covering the entire city with a wireless network that could aid municipal operations and regional collaboration by making the City's Institutional Network available to workstations and devices in the field. This would primarily benefit public safety personnel, public transit providers, field inspectors, and public works crews, by providing real-time access to existing city data, voice, and video services. If the City decides to build out a citywide wireless network, it will initially be for government use. The City will investigate public-private models to permit other uses of the network, such as allowing commercial providers to buy access to the network to resell

to consumers. This could lower consumer costs (since the network is already in place) while promoting competition and recovering or avoiding the city's cost of building out the network.

In the City, wireless initiatives benefit City employees by providing field access to City applications, email and other network services, to improve productivity. Monies for specific initiatives are included in different IT Plan projects, as shown in the table below. Monies for this project are for planning and implementing a wireless infrastructure to support on-going initiatives.

| Wireless Initiatives in the FY 2007 - 2012 IT Plan | | |
|---|---|---|
| **Project Name** | **Initiative** | **FY 2007 Funding Request** |
| Permit Processing | Provide field access to the City's permitting application for Code Enforcement inspectors | $60,000, a portion of which will be used for wireless |
| E-mail Services | Blackberry support, and iNotes implementation | $30,000 |
| Wireless Information Utility | Provide funds for needed infrastructure to support future wireless initiatives | $50,000 |

*Project Benefit:*

With the wireless infrastructure project, the City is positioning itself to establish a wireless framework to meet anticipated demands for these services.

*Operating Impact:*

The operating budget impact for this project will include equipment depreciation costs. At this time, these amounts are unknown.

*Change In Project From Prior Fiscal Years:*

FY 2007 funding for this initiative has been deferred to FY 2008.

**MS Office Conversion**
(015-016-3) Priority: Desirable

The City's current desktop productivity standard is the Corel Suite (Word Perfect and Quattro Pro). However, as departments have identified the need to use Microsoft Word and Excel due to the need to communicate more easily with outside agencies, they have been allowed to purchase these products as well. The City is now at a crossroads with regards to desktop productivity software. The current standard of Corel Suite 9 is no longer supported by the manufacturer and is exhibiting conflicts with newer operating systems, and is recommended to be phased out in favor of the Microsoft Office Suite. The City's Information Technology Steering Committee convened a study group (the Desktop Task Force) consisting of City staff users of these products to analyze the issues before the City. It was the recommendation of the task force that the City convert the remaining Corel Suite users to the Microsoft Office suite.

*Project Benefit:*

When the City's standard becomes the Microsoft Office suite, the City would no longer be required to offer training classes in both Corel and Microsoft. A single standard requires less administrative support as well.

*Operating Budget Impacts:*

This project would provide departments the required Microsoft Suite licenses and training classes needed, therefore there would be limited operating budget impact as a result of the conversion.

*Change in Project From Prior Fiscal Year:*

There are no changes to this project from the prior fiscal year as $250,000 remains budgeted for FY 2007 to convert the City to Microsoft Office.

**Other Infrastructure**

| | Prior Year Unallocated | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | Totals |
|---|---|---|---|---|---|---|---|---|
| Disaster Recovery - Hot Site | | | | | | | | |
| 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 |
| **Totals** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

**ITS Recovery Site**
(015-017-2) Priority: Very Desirable

The City's Network Operations Center (NOC) houses many of the City's critical data, applications and systems. Prior year monies budgeted will fund the establishment of a recovery site, with the equipment and environmental resources necessary to restore these systems. City staff are currently evaluating several proposals as potential disaster recovery solutions for the City. It is a requirement of the solution that staff are able to conduct periodic recovery testing of critical systems. A decision as to which solution will be implemented will be made in the spring of 2006, with implementation activities following soon thereafter.

*Project Benefit:*

In the event of a disaster or emergency where the City's NOC becomes inoperable, the disaster recovery site would enable the City to move its critical systems to the recovery site and restore them in a timely manner.

*Change in Project over Prior Fiscal Years:*

There is no change in this project from the prior fiscal year.

# LEGISLATIVE REFERENCES

# LEGISLATIVE REFERENCES

## DEBT RATIO POLICIES

### 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. These updated polices are as follows:

Debt as a Percentage of Fair Market Real Property Value
Target = 1.1 percent; Limit = 1.6 percent

This ratio indicates the relationship between the City's debt and the full value of real property in the City as assessed annually at fair market value. It is an important indicator of the City's ability to repay debt because real property taxes are the primary source of the City's revenues used to repay debt. A small ratio is an indication that the City will be better able to withstand possible future economic downturns and continue to meet its debt obligations.

Debt Per Capita as a Percentage of Per Capita Income
Target = 2.25 percent; Limit = 3.25 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 Per Capita
Target = An amount equal to 2.25 percent of per capita income
Limit = An amount equal to 3.25 percent of per capita income

This ratio indicates the per capita debt burden and is a general indicator of the City's debt burden. A smaller ratio indicates a lighter burden. The debt per capita target is set on sliding scale so that growth in per capita income allows a gradual and equivalent increase in debt per capita.

Debt Service as a Percentage of General Government Expenditures
Target = 8.0 percent; Limit = 10 percent

## LEGISLATIVE REFERENCES

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 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 corresponds 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.

In accordance with the Government Finance Officers Association budget review requirements, this table, taken from the City's FY 2005 Comprehensive Annual Financial Report, is repeated here:

City of Alexandria, Virginia
Computation of Legal Debt Margin
as of June 30, 2005

| | | |
|---|---|---|
| Assessed Value of Real property, January 1, 2005 . . . . . | | $27,359,649,900 |
| Debt Limit: 10 Percent of Assessed Value . . . . . | | 2,735,964,990 |
| Amount of Debt Applicable to Debt Limit: | | |
| General Obligation Bonds . . . . . | $241,890,000 | |
| Total General Obligation Debt . . . . . | | (241,890,000) |
| LEGAL DEBT MARGIN . . . . . | | $2,494,074,990 |

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.

## LEGISLATIVE REFERENCES

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 2007 - FY 2012 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."

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