


*City of Alexandria, Virginia*15  
6-24-08

## MEMORANDUM

DATE: JUNE 19, 2008

TO: THE HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL

FROM: JAMES K. HARTMANN, CITY MANAGER 

SUBJECT: CONSIDERATION OF AUTHORIZATION OF RECOMMENDED CAPITAL PROJECT ALLOCATIONS AND PLANNED EXPENDITURES

**ISSUE:** City Council authorization of the recommended capital project allocations and planned expenditures.

**RECOMMENDATION:** That City Council authorize the capital project allocations and planned expenditures for the capital projects as detailed in the Capital Improvement Expenditure Summary (Attachment).

**DISCUSSION:** This docket item provides a summary of Capital Improvement Program planned expenditures (Attachment). It includes projects reflected in the City's Fiscal Year 2009 Capital Budget, approved by City Council on May 5, 2008 or approved in capital budgets prior to FY 2009 with a CIP budget document page reference in the Attachment. A project title listing appears on the next page and a detailed summary appears in the Attachment.

Allocations are recommended for the following projects:

## ACPS

John Adams Elementary School - HVAC/Electric Power Replacement	\$7,463,599
James Polk Elementary School - HVAC Replacement/Gym Addition	3,964,844
T.C. Williams High School - Bleacher/Track Replacement	907,500
Building Systems Modernization	894,078
Renovation of Existing School Facilities	525,000
City Mandates	297,000
Cora Kelly Elementary School - Renovation and Playground Surfacing	172,700
George Mason Elementary School - Renovation and Playground Surfacing	133,450
Matthew Maury Elementary School - Renovation and Playground Surfacing	125,600
George Washington Middle School - Stage Sound Replacement	55,000
Charles Barrett Elementary School - HVAC Replacement	33,000

## Community Development

Woodrow Wilson Bridge Project - Witter Recreation Field Project	\$300,000
Flood 2006 Restoration - Cameron Run Weirs	205,000

Recreation and Parks	
Patrick Henry Recreation Center	\$500,000
Athletic Field Improvements - Potomac Yard, Braddock, Simpson Field Projects	450,000
Recreation Facilities Renovations	250,000
Park and Playground Renovations	88,000
City Site Trees	50,000
Landscaping of Public Sites	50,000
Public Buildings	
Fire Station CFMP	\$434,313
Pistol Range	370,000
Historic Facilities CFMP	370,000
General Services CFMP	315,000
Alexandria Sheriff CFMP	255,023
Energy Conservation	224,350
Fort Ward - Historic Area Erosion Control	12,000
Public Transportation & Traffic Control	
Bus/Rail WMATA Capital	\$7,929,241
Streets, Bridges, and Pedestrian Improvements	
Duke Street Flyover	\$111,000
Sewers	
Mitigation of CSO's - East Area Pollution Abatement	\$200,000
Information Technology	
Document Management and Imaging Infrastructure	\$250,000
AJIS Enhancements	200,000
Enterprise Maintenance Management System	100,000
Security	80,000
Desktop Productivity	50,000
Other Regional Contributions	
Northern Virginia Regional Park Authority	\$352,023
Peumansend Creek Regional Jail	146,502
Northern Virginia Community College	132,343

**ATTACHMENT:** Capital Improvement Program Planned Expenditures

**STAFF:**

Mark Jinks, Deputy City Manager

Bruce Johnson, Director, Office of Management and Budget

Liz Wheel, Budget/Management Analyst, Office of Management and Budget

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

This attachment provides summary information on capital improvement program projects for which work will be initiated and expenditures incurred during the upcoming months. Except as noted, funding for all of the projects discussed below is included in the City's Approved FY 2009 Capital Improvement Program (CIP) budget or in prior year capital budgets.

PROJECT NUMBER	INDEX CODE/ SUB-OBJECT	PROJECT TITLE	REQUESTED ALLOCATION	CIP PAGE NUMBER
001-172	200105-2121	ACPS (John Adams Elementary School- HVAC/Electric power replacement – Phase 2)	\$ 7,463,599 (Funding Source: General Obligation Bonds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funds for the second phase of a multi year full upgrade to the mechanical systems at John Adams Elementary School, originally installed in 1966.</p> <ul style="list-style-type: none"> <li>• Phase 1 of this project replaced the original boilers at the John Adams Elementary School with a new energy efficient Fulton Pulse boiler system.</li> <li>• This is the second phase of a multi year project.</li> <li>• The School Board will award the contract to the low bidder after successful completion of the bid package.</li> <li>• Work will begin in Summer 2008 and will be on-going throughout FY 2009.</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

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001-172	200311-2121	ACPS (James Polk Elementary School- HVAC Replacement / Gymnasium Addition)	\$3,964,844 (Funding Source: General Obligation Bonds)	p. 6-6 (FY 2009 Proposed)

This allocation will provide funds for the design and construction of a gym addition at James Polk Elementary School. In addition, funds will be used for the replacement of the facility's heating, ventilation, and air conditioning (HVAC) system, boilers, and elevator.

- Specifically, the gymnasium project will replace the current multipurpose room, which will allow for expansion of the cafeteria and will provide classrooms to replace the trailers currently on site.
- The infrastructure renewal project will replace the main boilers and HVAC systems in all classrooms and upgrade the electric power and plumbing systems throughout the building.
- This equipment is original to the building's construction in 1965 and has reached the end of its useful life.
- The design team will be under contract in June 2008.
- Replacement of the HVAC system is expected to begin in Fall 2008 and construction of the gym addition is scheduled to begin in Spring 2009.

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001-172	200311-2121	ACPS (T.C. Williams High School- Bleacher/Track Replacement)	\$907,500 (Funding Source: General Obligation Bonds)	p. 6-6 (FY 2009 Proposed)

This allocation will provide funds for the replacement of the original track and bleachers at T.C. Williams High School.

- The new track and bleachers will include new code compliant structures.
- Work will begin immediately and is expected to be completed by the end of Summer 2008.

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PROJECT NUMBER	INDEX CODE/ SUB-OBJECT	PROJECT TITLE	REQUESTED ALLOCATION	CIP PAGE NUMBER
001-178	200436-2121	ACPS (Building System Modernization)	\$894,078 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide for the replacement and modernization of the architectural building systems at all school facilities in the Alexandria City Public Schools. In addition, funding will be used for the phased replacement of the fixtures, furnishings, and equipment (FF&amp;E) at all school facilities.</p> <ul style="list-style-type: none"> <li>• Building systems include all built-in equipment attached to building surfaces, such as chalkboards, bulletin boards, cabinetry, bookshelves, closet doors and hardware, closet shelving, hallway doors and hardware, floor coverings, and ceilings.</li> <li>• Most of this equipment is original to the date of building construction.</li> <li>• Funding for FF&amp;E provides replacement furniture, fixtures, and equipment in each school through a phased, systematic replacement plan.</li> <li>• This project is on-going.</li> </ul>				

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PROJECT NUMBER	INDEX CODE/ SUB-OBJECT	PROJECT TITLE	REQUESTED ALLOCATION	CIP PAGE NUMBER
001-174	200337-2121	ACPS (Renovation of Existing School Facilities)	\$525,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funding for system-wide projects and unanticipated or emergency renovations of existing school facilities throughout the school system.</p> <ul style="list-style-type: none"> <li>• Funding for repairs/renovations each year is used primarily for unplanned repairs to school facilities during the school year and for critical renovations not currently programmed for a facility.</li> <li>• Examples of the use of these funds are emergency structural repairs, improvement in space usage, and unplanned/unbudgeted heating/air conditioning, electrical and plumbing systems repairs or replacements.</li> <li>• This funding is also used to repair/replace gymnasium equipment and security lighting throughout the school system.</li> <li>• This project is on-going.</li> </ul>				

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001-195	200800-2121	ACPS (City Mandates)	\$297,000 (Funding Source: General Obligation Bonds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funding for the implementation of several renovation projects requested by City agencies at school sites throughout the City.</p> <ul style="list-style-type: none"> <li>• Specifically, funds will be used for unplanned projects necessitated by fire department and building code compliance issues affecting the health and safety of students and staff.</li> <li>• In addition, funds will be used to mill and resurface several parking lots at school facilities. <ul style="list-style-type: none"> <li>○ Most of these parking lots are original to the construction of the schools and are beyond their expected life cycle. The City repairs and maintains all parking lots every summer on an as-needed basis.</li> <li>○ In FY 2009, parking lot resurfacing projects are anticipated at Minnie Howard Ninth Grade Center and Francis C. Hammond Middle School.</li> </ul> </li> </ul>				

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<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
001-170	200139-2121	ACPS (Cora Kelly Elementary School- Renovation and Playground Surfacing)	\$172,700 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funds for the installation of rubber safety surfacing to the existing playground equipment. In addition, funds will provide for a new play station to include recycled rubber safety surface in all of the safety fall zones.</p> <ul style="list-style-type: none"> <li>• Design of this project is currently underway.</li> <li>• Work will begin in late Summer 2008 with the majority being completed in the Fall.</li> </ul>				

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001-165	200170-2121	ACPS (George Mason Elementary School- Renovation and Playground Surfacing)	\$133,450 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funds for the installation of rubber safety surfacing to the existing playground equipment. In addition, funds will be used for three new play stations to include recycled rubber safety surface in all of the fall zones.</p> <ul style="list-style-type: none"> <li>• Design of this project has been completed.</li> <li>• Work will begin in late June 2008, with the majority of the work to be completed during summer months to minimize disruption to the staff and students.</li> </ul>				



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001-176	200402-2121	ACPS (Matthew Maury Elementary School- Renovation/ playground and Surfacing)	\$125,600 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funds for the installation safety surfacing to the existing playground equipment. In addition, funds will be used for a new play station to include recycled rubber safety surface in all of the safety fall zones.</p> <ul style="list-style-type: none"> <li>• Design is currently underway</li> <li>• Work is scheduled to be completed by Fall 2008.</li> </ul>				

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001-192	200980-2121	ACPS (George Washington Middle School- Stage Sound Replacement)	\$55,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funding for the replacement of the failed sound system on the George Washington Middle School auditorium stage.</p> <ul style="list-style-type: none"> <li>• Replacement of the sound system will take place during Summer 2008, with completion expected by the start of school year.</li> </ul>				

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001-160	200113-2121	ACPS (Charles Barrett Elementary School- HVAC Replacement)	\$33,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-6 (FY 2009 Proposed)
<p>This allocation will provide funds the design and replacement of the heating, ventilation, and air conditioning (HVAC) units which service the gymnasium and multipurpose room.</p> <ul style="list-style-type: none"> <li>• The HVAC system has reached the end of its serviceable life and must be replaced.</li> <li>• Design and permitting are scheduled to begin immediately with construction to follow as soon as possible after permitting this summer.</li> <li>• System replacement is scheduled to be completed prior to the start of the school year.</li> </ul>				

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003-801	210565-2102	Community Development (Woodrow Wilson Bridge Project - Witter Recreation Field Project)	\$300,000 (Funding Source: Special Revenue – FHWA and VDOT Agreement)	p. 6-29 (FY 2009 Proposed)
<p>This allocation will provide funds for enhancements to the Witter Recreational Fields project.</p> <ul style="list-style-type: none"> <li>• A portion of these funds will be used for the relocation of Dominion Virginia Power poles for the lighting of the recreation field.</li> <li>• In addition, funds will provide for consultant services to conduct the design cost estimate, value engineering, and environmental support. This includes the preparation of a Health and Safety Plan, Soil Management and Contingency Plan, and Final Report for contaminated soils remediation at the site.</li> <li>• The Settlement Agreement between the City of Alexandria and the United States Department of Transportation stipulates that the City will be reimbursed by the Virginia Department of Transportation for all expenditures related to the Witter Recreational Fields.</li> </ul>				

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003-605	215555-2121	Community Development (Flood 2006 Restoration – Cameron Run Weirs)	\$205,000 (Funding Source: Special Revenue – FEMA Reimbursement)	p. 6-28 (FY 2009 Proposed)
<p>This allocation will provide funds for the repair of Cameron Run weirs 2, 3, 4, 5.</p> <ul style="list-style-type: none"> <li>• Specifically, funds will be used for the repair of weirs 2, 3, and 5, and the inspection of weir 4.</li> <li>• The need for these repairs was identified by T&amp;ES staff after the flood events of June 2006.</li> <li>• Construction of this project is underway and is scheduled to be completed in early Summer 2008.</li> <li>• This project will be funded with revenue received from Federal Emergency Management Agency (FEMA) reimbursement.</li> </ul>				

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004-803	215590-2121	Recreation and Parks (Patrick Henry Recreation Center- Feasibility Study)	\$500,000 (Funding Source: General Obligation Bonds)	p. 6-37 (FY 2009 Proposed)
<p>This allocation will provide for the programming of requirements (Phase 1 of capital project phase review process) related to the renovation of the Patrick Henry Recreation Center.</p> <ul style="list-style-type: none"> <li>• The existing facility was constructed in 1973 and at over 35 years old no longer meets the needs of the community and the users.</li> <li>• The programming of requirements will include: <ul style="list-style-type: none"> <li>• Building condition assessment;</li> <li>• Site investigation;</li> <li>• Community meetings;</li> <li>• Comprehensive compilation of facility design and use requirements; and</li> <li>• Development of design alternatives along with comparative cost estimates for CIP Committee review</li> </ul> </li> <li>• It is anticipated this will be a design/build project. However, the funding required to complete the design and construction phases of the project was not included in the FY 2009 – FY 2014 CIP, but would need to be added in future CIP's for the project to proceed further.</li> <li>• The results of the programming of requirements will facilitate the funding decisions for future capital budgets.</li> <li>• The assessment and facility studies are scheduled to begin in Spring 2008 and be completed by Fall 2008.</li> </ul>				

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004-012	215491-2121	Recreation & Parks (Athletic Field Improvements – Braddock Synthetic Turf Design, Simpson Electrical, Potomac Yards Escrow)	\$450,000 (Funding Source: General Obligation Bonds)	p. 6-43 (FY 2009 Proposed)
<p>This allocation will provide funding for the planning and implementation of the City’s synthetic turf program. Funds will be used for the planning and design of the Braddock synthetic complex, electrical work at Simpson field, and for funding an escrow account in accordance with the MOA requirement between the City and Potomac Yard Development (PYD).</p> <ul style="list-style-type: none"> <li>• The limited number of athletic fields in the City, drainage issues on many of the sites, and the high demand for field time by residents, create a serious shortage of playable field time.</li> <li>• In an effort to improve the condition and the amount of “play-time” on the City’s fields, the Department of Recreation, Parks, and Cultural Activities has designed a synthetic field installation schedule.</li> <li>• The Minnie Howard field has been completed.</li> <li>• The Ft. Ward field is currently underway and is expected to be completed by late Summer 2008.</li> <li>• Planning and design phase of the Braddock fields will begin in Summer 2008.</li> <li>• The field development agreement between the City and PYD will require escrow of the cost for synthetic turf versus natural. The agreement is currently being drafted and will be submitted to the City Attorney and City Council.</li> </ul>				

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004-806	265678-2121	Recreation & Parks (Recreation Facilities Renovations)	\$250,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-38 (FY 2009 Proposed)
<p>This allocation will provide funding to address on-going, basic maintenance and recreation needs at existing recreation facilities operated and maintained by the Department of Recreation, Parks, and Cultural Activities.</p> <ul style="list-style-type: none"> <li>• Due to the age, heavy use, and evolving recreational interests of City residents, the buildings, facilities and amenities that make up the department’s neighborhood recreation offering continually require attention.</li> <li>• Typical use of program funds include: carpet and tile replacement; electrical and associated building code upgrades; replacement of doors, window locksets; and rest room remodeling.</li> <li>• This program is an on-going capital maintenance and renovation program, with multiple concurrent projects underway at various times throughout the year.</li> </ul>				

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004-701	215632-2121	Recreation & Parks (Park and Playground Renovations)	\$88,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-50 (FY 2009 Proposed)
<p>This allocation is needed to replace or repair deteriorating play equipment and to provide small scale enhancements in parks and at playgrounds throughout the City.</p> <ul style="list-style-type: none"> <li>• Specifically, these funds will be used for improvements to play areas and equipment at Stevenson Park and James Mulligan Park.</li> <li>• According to regulations, not only must new playgrounds be ADA accessible, but any renovation to existing play areas must also be ADA compliant.</li> <li>• This work is on-going.</li> </ul>				

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TBD	215335-2121	Recreation & Parks (City Site Trees)	\$50,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-49 (FY 2009 Proposed)
<p>This allocation will provide funds for the City’s annual tree planting and care program.</p> <ul style="list-style-type: none"> <li>• The department plants and cares for trees City-wide.</li> <li>• These funds will be used for the planting and/or care of 300 trees, including replacement trees, Arbor Day trees, and trees under the cost-share program.</li> <li>• This work is on-going.</li> </ul>				

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004-701	215330-2121	Recreation & Parks (Landscaping of Public Sites)	\$50,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-49 (FY 2009 Proposed)
<p>This allocation will provide funds for the City’s annual horticultural site landscaping calendar.</p> <ul style="list-style-type: none"> <li>• The department maintains 187 horticultural sites and over 600 tree wells around the City.</li> <li>• These funds will be used to renovate and enhance selected City horticultural sites, which include: street medians, tree wells, portals into the City, areas outside recreation buildings, and other planted areas that are maintained by the department.</li> <li>• This work is on-going.</li> </ul>				

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005-313	265629-2121	Public Buildings (Fire Station CFMP)	\$434,313 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-65 (FY 2009 Proposed)
<p>This allocation will provide for the required continued updating and facilities maintenance repairs at the City's eight fire stations.</p> <ul style="list-style-type: none"> <li>• Specifically, this allocation will provide for the following capital repair and replacement projects: <ul style="list-style-type: none"> <li>○ Replacement of existing boilers;</li> <li>○ Plumbing and HVAC systems;</li> <li>○ Roof replacements;</li> <li>○ Window replacements;</li> <li>○ Environmental and air quality improvements; and</li> <li>○ Miscellaneous masonry repointing and interior renovations.</li> </ul> </li> <li>• Most of the work planned with this allocation is scheduled to begin in Summer 2008 and be completed by Fall 2008.</li> <li>• The Fire Department and the Department of General Services have formed a permanent task force to provide oversight for the work currently underway at the fire stations; develop a list of priorities; and evaluate new project proposals.</li> </ul>				



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005-354	221900-2121	Public Buildings (Pistol Range)	\$370,000 (Funding Source: General Obligation Bonds)	p. 6-72 (FY 2009 Proposed)
<p>This allocation will provide for the City's share of the expenditures related to the improvements at the Charles Hill Memorial Firearms Training Facility (Pistol Range) to address the health, safety, and noise concerns raised by the Alexandria Police Department and regional public safety user groups.</p> <ul style="list-style-type: none"> <li>• Specifically, this project will provide for the demolition of the existing roof elements, installation of a new partially enclosed roof system with reinforced steel plating and trusses designed to prevent rounds from exiting the facility through the roof, as well as protect users from the elements; and the installation of spray-on acoustical material designed to attenuate the sound produced by the rounds fired in the range.</li> <li>• The conceptual work and preliminary design for this project has been completed with funds allocated by City Council in January 2008.</li> <li>• Once the final design has been completed (Summer 2008) and project estimates developed, the project will be presented to Arlington County, a major user of the facility, to seek a contribution of at least 50 percent of the costs required to complete the project.</li> <li>• Construction will be pursued through the Job Order Contract (JOC). Once the matching funds have been received, construction should begin in Summer 2008 and be complete in Winter 2008.</li> </ul>				

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005-358	220590-2121	Public Buildings (Historic Facilities CFMP)	\$370,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-59 (FY 2009 Proposed)
<p>This allocation request will provide funding for capital maintenance requirements at the City's historic buildings and facilities managed by the Office of Historic Alexandria (OHA), including Fort Ward, Gadsby's Tavern, Lloyd House, The Lyceum, Stabler-Leadbeater Apothecary Museum and Archeology space located at the Torpedo Factory.</p> <ul style="list-style-type: none"> <li>• Capital maintenance requirements include plaster repair, painting, floor restoration, heating and ventilation and air conditioning (HVAC), and electrical and plumbing systems components.</li> <li>• Staff regularly reports its progress to the 26-member Historic Alexandria Resources Commission (HARC) which advises the City in the preservation of historic building sites and artifacts.</li> <li>• This project is on-going.</li> </ul>				

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005-307	221135-2106	Public Buildings (General Services CFMP)	\$315,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-80 (FY 2009 Proposed)
<p>This allocation request will provide for the scheduled capital maintenance needs of City facilities including planned life cycle replacements of floor covering (carpet and tile); mechanical, electrical and plumbing systems; window and roofs; and scheduled major painting requirements.</p> <ul style="list-style-type: none"> <li>• Projects scheduled to be funded with this allocation include: <ul style="list-style-type: none"> <li>• Repairs to the roof parapet at the Health Department located at 4480 King Street;</li> <li>• Replacement of the pneumatic compressors at City Hall;</li> <li>• Repairs and painting to the exterior surfaces at the Courthouse;</li> <li>• Phased replacement of exterior doors and window lights at the Fleet Services Facility on Wheeler Avenue;</li> <li>• Repairs to the exterior fire stairwell at the Payne Street Records Center;</li> <li>• Replacement of the carpet at the Adolescent Health Clinic on Braddock Road; and</li> <li>• Replacement of the HVAC systems at the Teen Center on Braddock Road.</li> </ul> </li> <li>• This project is on-going. Most of the projects identified above are scheduled to begin this summer and continue through the winter.</li> </ul>				

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005-319	221133	Public Buildings (Alexandria Sheriff Capital Facilities Maintenance)	\$255,023 (Funding Source: Special Revenue)	p. 6-70 (FY 2009 Proposed)
<p>This allocation will provide for system and infrastructure improvements at the Public Safety Center (PSC) and the Franklin Backus Courthouse, which are managed by the Alexandria Sheriff's Office (ASO).</p> <ul style="list-style-type: none"> <li>• Specifically, funds will be used for the following improvements: <ul style="list-style-type: none"> <li>○ Replacement of equipment;</li> <li>○ Repairs to walls/ceilings/floors or other building infrastructure; and</li> <li>○ Upgrades to building and security systems at both facilities.</li> </ul> </li> <li>• In addition, funds (\$36,554) will be used to purchase approximately 87 sled beds for the detention center. These sled beds will aid in the re-accreditation of the detention center by the American Correctional Association (ACA). Funding for these items is provided by Federal prisoner per-diem payments.</li> <li>• The Sheriff's Office and the Department of General Services have formed a permanent task force, which provides oversight for the work currently underway at these facilities; develops a list of priorities; and evaluates new project proposals.</li> <li>• There are approximately a dozen planned projects which will each require less than six weeks to complete.</li> <li>• The start of each project has been staggered so none of the facilities will be forced to endure multiple inconveniences simultaneously.</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

PROJECT NUMBER	INDEX CODE/ SUB-OBJECT	PROJECT TITLE	REQUESTED ALLOCATION	CIP PAGE NUMBER
005-401	221242-2121	Public Buildings (Energy Conservation)	\$224,350 (Funding Source: Cash Capital –Prior Year Funds)	p. 6-78 (FY 2009 Proposed)
<p>This program provides for improvements in City facilities and facility systems to optimize facility efficiency and reduce energy consumption.</p> <ul style="list-style-type: none"> <li>• This is frequently accomplished through replacement of physical plants (HVAC, water), lighting modifications, and other changes to operating controls such as thermostats.</li> <li>• An internal Energy Conservation Committee (ECC) was formed in 2007 and has discussed a number of facility modifications and initiatives, including: <ul style="list-style-type: none"> <li>○ Upgrades to Energy Management System (“EMS”) software that operates physical plants;</li> <li>○ Internet-accessible, programmable thermostats;</li> <li>○ Control upgrades, including controller &amp; timer clocks; lighting fixture modifications;</li> <li>○ Replacement of air handlers, rooftop units, variable frequency drives (“VFD”s); and</li> <li>○ Replacement or modification of heat pumps, ductwork, fans, and related equipment.</li> </ul> </li> <li>• This project is on going with the facility modifications and initiative described above to be prioritized by the Committee and addresses via these funds.</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
004-502	215780-2102	Public Buildings (Fort Ward – Historic Area Erosion Control)	\$12,000 (Funding Source: Cash Capital –FY 2009 Funds)	p. 6-57 (FY 2009 Proposed)
<p>This allocation will provide funds for specialized turf care and maintenance of the historic earthwork fort in order to prevent erosion.</p> <ul style="list-style-type: none"> <li>• Specifically, funds will be used for the following projects, and other necessary erosion needs: <ul style="list-style-type: none"> <li>• Turf treatment of the fort walls (\$4,000) – This includes soil enrichment and ground cover procedures such as seeding, fertilizing, aerating, liming, weed eradication and pest control. This cyclical program is a preventive approach to erosion that helps ensure the continued preservation of the fort’s fragile earthwork walls.</li> <li>• Installation of ground cover (\$7,000-\$8,000) – This includes installing ground cover in severely eroded sections of the historic fort, specifically along the exterior of the rear wall and the north bastion, and the highly eroded rifle trench line.</li> <li>• Work is scheduled for fall 2008 and spring 2009.</li> </ul> </li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
010-002	2400028-2121	Public Transportation & Traffic Control (Bus/Rail Capital WMATA Capital)	\$7,929,241 (Funding Source: General Obligation Bonds)	p. 6-85 (FY 2009 Proposed)
<p>This allocation will provide for the City's FY 2009 share of the expanded Washington Metropolitan Area Transit Authority's (WMATA) capital replacement and improvement program.</p> <ul style="list-style-type: none"> <li>• The WMATA Capital Improvement Program consists of two broad categories - the Metro Matters Program and the Beyond Metro Matters Program.</li> <li>• The Metro Matters Program was initiated in FY 2005 by the jurisdictional funding partnership established by the Metro Matters Funding Agreement.</li> <li>• 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 the Security Program.</li> <li>• The Beyond Metro Matters Program includes funding for the Infrastructure Renewal Program-I1 (IRP-I1) projects beyond the period of the Metro Matters Funding Agreement, for other IRP-I1 projects not incorporated into the Metro Matters Funding Agreement, the System Access/Capacity (SAP), and System Expansion Programs (SEP).</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

PROJECT NUMBER	INDEX CODE/ SUB-OBJECT	PROJECT TITLE	REQUESTED ALLOCATION	CIP PAGE NUMBER
011-404	245315-2121	Streets, Bridges, and Pedestrian Improvements (Duke Street Flyover)	\$111,000 (Funding Source: General Obligation Bonds)	p. 6-105. (FY 2009 Proposed)
<p>This allocation will provide funds for construction costs associated with the Duke Street Flyover Realignment and Sidewalk project.</p> <ul style="list-style-type: none"> <li>In 2005-2006, a total of \$760,000 was allocated for the design and construction of this project, which were completed in March 2008. Of this amount, \$420,000 is expected to be received in grant funds (Congestion Mitigation Air Quality (CMAQ) Federal Grant funds).</li> <li>During the construction phase, a combination of factors resulted in this project exceeding the \$760,000 budget by \$111,000.</li> <li>During the demolition of pavement, unforeseen subsurface conditions were encountered which required extensive additional excavation, removal and disposal of material. For the same reason, additional backfill material was needed.</li> <li>Additionally, the unit quantity for structural concrete was underestimated on the contract plans.</li> <li>T&amp;ES staff, along with the City Attorney's office renegotiated the unit price for the additional concrete with the contractor based on the final quantities.</li> <li>T&amp;ES is requesting a reprogramming of funds from the Reconstruction and Extension of Streets project (OCA 245357) to provide for the additional costs of this project.</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

PROJECT NUMBER	INDEX CODE/ SUB-OBJECT	PROJECT TITLE	REQUESTED ALLOCATION	CIP PAGE NUMBER
013-010	255208-2102	Sewers (Mitigation of CSO's - East Area Pollution Abatement)	\$200,000 (Funding Source: Cash Capital – Sewer Fees)	p. 6-126 (FY 2009 Proposed)
<p>This allocation will provide funds for implementing the monitoring and water quality analysis of overflows and receiving streams and annual reporting. In addition, funding may be needed to address issues that may be identified by the Virginia Department of Environmental Quality (VDEQ) through their review of the submitted reports to the State by VDEQ or any announced or unannounced inspections that VDEQ may conduct.</p> <ul style="list-style-type: none"> <li>• This project funding is required due to State and Federal regulations. The City maintains a VPDES (Virginia Pollutant Discharge Elimination System) Permit from Virginia Department of Environmental Quality for its' combined sewer system and associated combined sewer overflows.</li> <li>• The new permit became effective on January 17, 2007 and is valid for five years.</li> <li>• The requirements of the permit includes (but are not limited to) extensive monitoring, water quality analysis of overflows and receiving streams, annual reporting over the permit cycle, and implementation of nine minimum controls.</li> </ul>				



**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
015-524	265165-2121	Information Technology (Document Management and Imaging Infrastructure)	\$250,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 7-25 (FY 2009 Proposed)

This allocation will provide funds for the development of departmental document management and imaging solutions, enabling departments to improve productivity through improved access to electronic versions of forms, documents and other information.

- The current allocation will provide funds to continue the back scanning for these departments and any incremental process improvements.
  - The final land record documents (as-builts) will be made available to citizens and businesses via the City’s website.
  - These projects are currently in progress, with varying dates of completion depending on the scope of each project.
  - The initial phases any new projects will be complete in the Spring of 2009, while the back scanning will continue as needed, depending on volume.
- This allocation will also provide funds to purchase hardware, software licenses, and to upgrade our application to the latest version.
- In addition, funds will provide for phases of both new and on-going projects that involve both “day-forward” scanning as well as back-scanning of legacy documents.
- In the current year, projects have been initiated for Finance (all divisions), Real Estate, Housing, Recreation, City Clerk, Personnel, Sheriff and Police.
- Work continues on back scanning of land record documents in Planning and Zoning, Transportation and Environmental Services and Code Enforcement.
- Special Use Permits (SUPs) and Plats are now available via the City’s web site through GIS.

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
015-540	265950-2121	Information Technology (AJIS Enhancements)	\$200,000 (Funding Source: General Obligation Bonds)	p. 7-37 (FY 2009 Proposed)
<p>This allocation will provide funds for the continuing development of the Alexandria Judicial Information System (AJIS).</p> <ul style="list-style-type: none"> <li>• This critical application supports multiple departments in the City including the Courts, Sheriff, Police, Commonwealth’s Attorney and others.</li> <li>• Due to changing State and Federal mandates, there is a need for continuous upgrading and improvements to the system.</li> <li>• In addition, there are many customizations requested by the user community.</li> <li>• This allocation will fund these kinds of user upgrades and requests and is anticipated to be sufficient to meet the needs of the user community for the duration of Fiscal Year 2009.</li> </ul>				

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
TBD	265590-2121	Information Technology (Enterprise Maintenance Management System)	\$100,000 (Funding Source: Cash Capital – FY 2009 Funds)	p. 7-52 (FY 2009 Proposed)
<p>This allocation will provide funds for the acquisition of a T&amp;ES Computerized Maintenance Management System. This system will later be extended to include RPCA and General Services.</p> <ul style="list-style-type: none"> <li>• Funds will also be used to acquire a City-wide Customer Relationship Management system that will be implemented after the T&amp;ES Maintenance Management system is up and working.</li> <li>• It is planned that this project will also provide a City-government wide City’s Customer Relationship Management (CRM) System to track, respond and provide real-time information on resident and business requests.</li> <li>• This project is expected to be initiated in Summer 2008 with both the T&amp;ES and CRM systems to be operational in 2009.</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
015-039	265876-2121	Information Technology (Security)	\$80,000 (Funding Source: Cash Capital – Prior Year Funds)	p. 7-62 (FY 2009 Proposed)
<p>This allocation will provide funds for functions related to assuring security of data on City computers, servers, networking equipment and wireless and telephone switching equipment.</p> <ul style="list-style-type: none"> <li>• Specifically, this allocation will provide money to buy the network access control appliance and support it.</li> <li>• The goal of this project is to minimize the risk of unauthorized access, intentional or accidental loss or destruction of City data.</li> <li>• Currently all network ports are active in most of the CoA public buildings. Allowing any user to walk up and plug a machine in.</li> <li>• Contractors and vendors bring in their own equipment such as laptops and connect to the network for Internet usage and are also inadvertently allowed access to critical information.</li> <li>• The network access control system will act as a gateway to allow only authorized users, make sure no malware is introduced, and make sure that no confidential information is leaked.</li> <li>• If a personal laptop is infected with malware, this system will stop the spread of malware in the network.</li> <li>• This appliance will start initial deployment in the Fall of 2008.</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
TBD	265595	Information Technology (Desktop Productivity)	\$50,000 (Funding Source: Cash Capital – FY 2008 Funds)	p. 7-67 (FY 2009 Proposed)

This allocation will provide funds to phase out approximately 160 of the 700 Office licenses predating version 2003.

- In FY 2007, the City converted its desktop productivity software standard from Corel Suite 9 to Microsoft Office (a package including Word, Excel, and PowerPoint).
- After a reconciliation of licenses owned by the City, the City has an estimated 700 licenses predating Office version 2003.
- These 700 licenses will eventually need to be upgraded to align with Microsoft's product support schedule.
- Microsoft's mainstream support for Office 2000 ended on June 30, 2004.
- Microsoft ended mainstream support for Office XP on July 11, 2006.
- The extended support period for Office XP will last from July 12, 2006 through July 12, 2011.
- In order to maintain a viable desktop productivity environment, the City must budget for software upgrades to ensure all Microsoft Office suites are upgraded before the end of their extended support periods.
- This project will begin at the start of FY 2009 and should be complete at the close of the calendar year.

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
004-015	215327-2121	Other Regional Contributions (Northern Virginia Regional Park Authority)	\$352,023 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-143 (FY 2009 Proposed)
<p>This allocation will provide funding for the City's share of the Northern Virginia Regional Park Authority's (NVRPA) capital costs for FY 2009.</p> <ul style="list-style-type: none"> <li>• Capital costs for the NVRPA are paid by the Authority's member jurisdictions based on a formula that determines each jurisdiction's annual share.</li> <li>• Regional park facilities in Alexandria include the Cameron Run Regional Park and the Carlyle House.</li> <li>• The capital improvements scheduled for the Alexandria facilities in FY 2009 include renovations and upgrades to Cameron Run Park including the addition of a large group shelter inside the pool facility as well as overflow parking and landscaping near Lake Cook.</li> </ul>				

**Attachment: Capital Improvement Program (CIP) Planned Expenditures**

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
006-004	215152-2121	Other Regional Contributions (Peumansend Creek Regional Jail)	\$146,502 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-145 (FY 2009 Proposed)
<p>This allocation will provide funding for the City's share of the Peumansend Creek Regional Jail capital costs for FY 2009.</p> <ul style="list-style-type: none"> <li>• In September 1994, the City entered into an agreement with five other Virginia localities for the construction and operation of a 336 bed regional jail to be located in Caroline County.</li> <li>• Alexandria is allocated 50 beds, or approximately 15 percent of the 336 beds in the facility.</li> <li>• Per the agreement, 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).</li> <li>• The capital costs reflected in this project are the City's payments due for FY 2009 based on the actual bond issuance in March 1997.</li> <li>• The City Attorney is preparing a memorandum to respond to Council's questions this spring about the jail agreement.</li> </ul>				

<b>PROJECT NUMBER</b>	<b>INDEX CODE/ SUB-OBJECT</b>	<b>PROJECT TITLE</b>	<b>REQUESTED ALLOCATION</b>	<b>CIP PAGE NUMBER</b>
016-001	200014-2121	Other Regional Contributions (Northern Virginia Community College)	\$132,343 (Funding Source: Cash Capital – FY 2009 Funds)	p. 6-142 (FY 2009 Proposed)
<p>This allocation will provide funding for the City's share of the Northern Virginia Community College's (NVCC) capital costs for FY 2009.</p> <ul style="list-style-type: none"> <li>• Capital costs are determined by a formula that is based on the population of the nine participating jurisdictions.</li> </ul>				