EXHIBIT NO. 1

14
6-28-05

City of Alexandria, Virginia

MEMORANDUM

DATE: JUNE 20, 2005

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 2006 Capital Budget, approved by City Council on May 2, 2005 or approved in capital budgets prior to FY 2006 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:

Recreation and Parks		
All-City Sports Facility	$	200,000
Drainage Improvements		150,000
Ball Court Renovations		125,000
Athletic Field Improvements		120,000
Recreation Center Improvements		100,000
Playground Renovations		60,000
Renovation of Existing City Facilities		
Fire Station Renovations	$	695,000
Environmental Compliance		400,000
City Hall		207,000
American With Disabilities Act (ADA) Accessibility		177,896
Pistol Range		153,698
Building Code Compliance		100,000
Courthouse		98,200

Preservation of Historic Buildings		
OHA Capital Facility Maintenance	$	150,000
Traffic and Rapid Transit		
Bus/Rail Capital Replacement (WMATA Capital)	$	5,850,000
Traffic Control Facilities		250,000
Streets and Bridges		
King/Beauregard Intersection Improvements	$	2,000,000
Bridge Repairs		1,000,000
Street Reconstructions		400,000
Parking Systems		400,000
Potomac Yard Road and Bridge Improvements		200,000
Telegraph Road Pedestrian Tunnel		100,000
Duke Street Flyover		100,000
Sewers		
Correction of Infiltration/Inflow	$	4,200,488
Sanitary Sewer Reconstruction/Extensions		900,000
Storm Sewer Reconstruction/Extensions		500,000
Systems Development		
Public Safety Radio System	$	800,000
Document Management and Imaging Infrastructure		325,000
Business Tax Accounts Receivables System Replacement		200,000
Real Estate Assessment System		100,000
HIPAA Data Security		75,000
Alexandria Justice Information System (AJIS) Enhancements		60,000
Computer-Aided Design (CAD) Software Upgrade		54,000
Information Technology Project Management		50,000
DOT Paratransit System Replacement		30,000
General Ledger Accounting System (Performance Accounting)		20,000
Office of Management and Budget (OMB) Systems		10,000
Infrastructure Systems		
Network Operations Center Upgrades	$	300,000
E-Mail Systems Development		30,000
Northern Virginia Community College (capital contribution)	$	137,100
Northern Virginia Regional Park Authority (capital contribution)	$	332,757

ATTACHMENT: Capital Improvement Program Planned Expenditures

STAFF:
Mark Jinks, Assistant City Manager
Bruce Johnson, Director, Office of Management and Budget
Alfred Coleman, Budget/Management Analyst, Office of Management and Budget

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES **ATTACHMENT, PAGE 1**
May 31, 2005 Report, Docketed June 28, 2005

This attachment provides summary information on capital improvement program projects for which work will be initiated and expenditures incurred during the upcoming months. Funding for all of the projects discussed below is included in the City's Approved FY 2006 Capital Improvement Program (CIP) budget or in prior year capital budgets.

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 004-602 Account No. 215800 Sub-object 2121	Recreation and Parks (All-City Sports Facility)	$200,000	$200,000	Page 104 of the City's Approved 2006 CIP Budget Document

This allocation will provide for the conceptual design, geo-technical investigation, topographic survey work and facility design services required for the construction of a new All-City Sports Facility. This work will occur this summer with its conclusions being presented to City Council in the fall, so that Council can decide whether or not, or in what manner and timetable, to proceed with this project. A total of $10.0 million has been budgeted over two years for the design and construction of a City-wide sports complex ($2.0 million in FY 2006 and $8.0 million in FY 2007). Of the $8.0 million budgeted in FY 2007 for the construction of the facility, $5.0 million is contemplated to come from private fund raising efforts, including that of the Alexandria Capital Development Foundation, leaving a City share of $3.0 million in FY 2007 and a total commitment of $5.0 million from the City over two years. (Funding Source - Cash Capital FY 2006 Funds)

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Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 004-711 Account No. 215550 Sub-object 2121	Recreation and Parks (Drainage Improvements)	$150,000	$150,000	Page 99 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the design, purchase and installation of drainage systems for the City's parks. Staff and citizens identified the fact that poor drainage at the City's parks reduced their availability for optimal use and activities. Water pools after rains and in some areas does not dissipate sufficiently for use even days later. Staff developed a parks drainage improvement plan to be implemented over the next six years at a total cost of $1.2 million. This allocation will address drainage problems at Beach Park. The drainage problems at Beach Park have resulted in the park being unusable for extended periods of time after inclement weather. Recreation, Parks and Cultural Activities is currently designing solutions to mitigate the drainage problems and will be contracting out the construction of the solutions. Once a contractor is selected a time-line for the project will be established.(Funding Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 004-714 Account No. 267021 Sub-object 2121	Recreation and Parks (Ball Court Renovations)	$125,000	$125,000	Page 99 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the renovation and update of the City's outdoor courts. The Department of Recreation, Parks and Cultural Activities (Recreation) is responsible for the upkeep of 39 tennis courts at 16 sites and 29 basketball courts at 25 sites throughout the City. These courts are subjected to constant and heavy use by residents for general play and by Recreation for classes, programs and special events. In addition, tennis and basketball courts throughout the City are used by neighboring schools. This allocation will provide for work at Ewald Park. The tennis courts at Ewald Park are

approximately 20 years old and need to be replaced in order to avoid user injury. In order to take these courts out of use until repaired, Recreation has removed the court surface down to the subsurface base making the courts no longer playable. The court will be resurfaced with a new playing surface along with new netting and fencing. Improvements will also include a new Americans With Disability Act (ADA) compliant access route to the courts; the correction of drainage issues and lighting improvements. These renovations will improve the appearance of the park and will attract additional users and increase the diversity of the activities and patrons of the park. Recreation has met with the community and have obtained their support for the project. Work will begin as soon as possible so that residents may resume use of the courts this summmer.(Funding Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 004-012 Account No. 215491 Sub-object 2121	Recreation and Parks (Athletic Field Improvements)	$120,000	$120,000	Page 98 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding to replace, on a scheduled and prioritized basis, deteriorated backstops and fencing and to provide grading and irrigation for City ballfields. This allocation will provide for the design and installation of a new lighting system for the Four Mile Run Park. This project will replace the existing light poles and lights, as well as bring the electrical distribution system up to code. In addition, the new system will increase the lighting levels and bring them into compliance with the illumination levels required to meet competitive sport standards. The completion date is dependent on the lights selected, their availability and the availability of the contractor hired to complete the installation. (Funding Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-806 Account No. 265678 Sub-object 2121	Recreation and Parks (Recreation Renovations)	$100,000	$100,000	Page 102 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for basic maintenance, renovation and repair of existing facilities operated and maintained by the Department of Recreation, Parks and Cultural Activities. After many years of heavy use, facilities are in need of painting, annual repairs and re-carpeting. The facilities are surveyed by staff and a list of priorities is compiled. This allocation will provide for minor renovations in the Recreation administrative offices located on the second floor of the Lee Center (1108 Jefferson Street). These offices were last renovated in the early 1990's and since that time the facility has seen a high level of use and activity. As a result of heavy use, this project will provide for the replacement of carpeting in the offices, hallways, meeting rooms and support areas on the second floor of Lee Center. The carpet in the heavily used front hall by the receptionist desk and public restrooms will be removed and replaced with vinyl composition tile (VCT). This change should improve the appearance of the area and provide a surface easier for staff to maintain and keep clean. The spaces will be painted before the new floor covering is installed. New replacement office chairs and public meeting room chairs will be purchased after the painting and floor covering tasks have been completed. Staff is currently in the process of obtaining quotes for these projects. (Funding Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-701 Account No. 215632 Sub-object 2121	Recreation and Parks (Playground Renovations)	$60,000	$60,000	Page 99 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the repair or replacement of deteriorating play equipment and to provide small scale enhancements in parks and playgrounds in order to maintain safe play areas in playgrounds throughout the City. This allocation will provide for the replacement and repair of deteriorating play equipment at Beach Park and to make other small scale enhancements in the park and playground. The improvements will include the replacement of park amenities, including benches, trash cans and picnic tables. Work is schedule to begin in Fall 2005. (Funding Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-321 Account No. 265620 Sub-object 2121	Renovation of Existing City Facilities (Fire Station Renovations)	$695,000	$695,000	Page 121 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for renovations at Fire Station 202, located at 213 East Windsor Avenue. Fire Station 202 is 79 years old and requires extensive interior renovations. Renovations will include the construction of new bunk rooms for the fire fighters, new office spaces, all new toilet facilities and an upgrade of the mechanical, electrical and plumbing systems. This project will significantly improve the living conditions of the fire fighters and enhance the overall operations of the fire station. The design phase of this project is scheduled to begin in Summer 2005 with construction scheduled to begin in Winter 2006 and be completed by Summer 2006. (Funding Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-309 Account No. 221440 Sub-object 2121	Renovation of Existing City Facilities (Environmental Compliance)	$400,000	$400,000	Page 120 of the City's Approved 2006 CIP Budget Document

This allocation will provide for ongoing, annual renovations, improvements or the acquisition of major capital equipment as required by federal and State environmental regulations. These regulations govern removal and disposal of hazardous materials found in building structures, including asbestos and polychlorinated biphenyls (PCBs), underground fuel tank storage requirements and remediation measures related to leakage, chlorofluorocarbon (CFC) production associated with air conditioning systems, and treatment and disposal systems for hazardous substances used in work processes, as examples. The removal of asbestos and PCBs has become an integral part of virtually all renovation work conducted in City facilities. This project is ongoing.(Funding Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-316 Account No. 220954 Sub-object 2121	Renovation of Existing City Facilities (City Hall)	$207,000	$207,000	Page 125 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the repair of the parapet wall on the west and north side of City Hall. Work will include the removal of the existing brick parapet, rebuilding of the parapet wall and repairing any damage to the roof. This project is scheduled to begin in Summer 2005 and be completed by Fall 2005.(Funding Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-020 Account No. 220947 Sub-object 2121	Renovation of Existing City Facilities (Americans With Disabilities Act (ADA) Accessibility)	$177,896	$177,896	Page 119 of the City's Approved 2006 CIP Budget Document

This allocation will provide 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 to City facilities include power-assisted doors, wheelchair ramps, ADA-compliant bathroom fixtures and general building fixtures. This project is ongoing.(Funding Source - Cash Capital FY 2005 and FY 2006 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-354 Account No.221900 Sub-object 2121	Renovation of Existing City Facilities (Pistol Range)	$153,698	$153,698 (Arlington County)	Page 124 of the City's Approved 2006 CIP Budget Document

This allocation will provide for Arlington County's share of the cost for emergency repairs and improvements to the City's Police Department Pistol Range, including the installation of a new bullet trap and containment system and roof extension. The existing bullet trap at the firearms training facility failed during a training session and as a result training was immediately discontinued as failure of the bullet trap presented a safety hazard. The Police Department requires that sworn officers in the department qualify twice annually (spring and fall). Due to the dimensions of the new bullet trap (12 feet deeper than the previous trap), the 25 yard line of the range was pushed to an unroofed/unprotected spot on the lawn. To meet

range requirements, a new section of slab and a new roof over the new slab had to be added. These emergency repairs and improvements have been completed at the Pistol Range. The total cost to complete these repairs and improvements was $307,396. Due to shared usage by Arlington County, Arlington will reimburse the City for half of the repair costs, or $153,698. This allocation represents that reimbursement. (Funding Source: Special Revenue - Arlington County Reimbursement)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 005-342 Account No. 221170 Sub-object 2121	Renovation of Existing City Facilities (Building Code Compliance)	$100,000	$100,000	Page 119 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding to address structural, electrical, plumbing, fire alarm and prevention systems, and other facility related renovations required to bring 28 City facilities, surveyed for building code compliance into compliance. The proposed corrective work will enhance life safety in the buildings, as well as extend the buildings' useful life. This project is ongoing.(Funding Source - Cash Capital FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-325 Account No. 221030 Sub-object 2121	Renovation of Existing City Facilities (Courthouse)	$98,200	$98,200	Page 120 of the City's Approved 2006 CIP Budget Document

This allocation will provide for upgrades to the electronic security system at the Alexandria Courthouse. Upgrades will include (1) three color closed-caption television (CCTV) cameras in the lower level holding cells; (2) 18 new card readers at nine prisoner entry/exit doors to the respective courtrooms; (3) patching, painting and repair of ceilings during the installation of CCTV cameras and card readers; and a (4) Digital Video Recording (DVR) system to record images from all of the security cameras located in the Courthouse, and key Courthouse garage areas. The CCTV cameras and card readers are scheduled to be installed in Summer 2005 and the DVR system along with the planned garage security system upgrade will be performed in Spring 2006 during the last phase of the Courthouse Garage renovation project.(Funding Source: Cash Capital-FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-358 Account No. 220590 Sub-object 2121	Preservation of Historic Buildings (OHA Capital Facilities Maintenance (CFMP))	$150,000	$150,000	Page 110 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding to address capital maintenance requirements at the City's historic buildings managed by the Office of Historic Alexandria (OHA), including plaster repair, painting, floor restoration, heating, ventilation and air conditioning (HVAC), electrical and plumbing systems components. This allocation will provide for waterproofing and exterior painting at The Lyceum; replacement of the balcony at the Fort Ward Museum; and miscellaneous repairs as funding allows. Once the capital maintenance needs

of the City's historic facilities are more accurately determined within this first year of funding (FY 2006), funding in the future years of the CIP can be determined, in addition to any other potential special sources of funding (such as private fund raising) that may be identified for these projects. (Funding Source - Cash Capital FY 2006 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 010-002 Account No. 240028 Sub-object 2121	Traffic and Rapid Transit (Bus and Rail Capital Replacement (WMATA))	$5,850,000	$5,850,000	Page 136 of the City's Approved 2006 CIP Budget Document

This allocation will provide for the City's share of the expanded Washington Metropolitan Area Transit Authority's (WMATA) capital replacement and improvement program. The WMATA Capital Improvement Program is a six-year funding plan for the implementation of the ten-year Capital Improvement Plan approved by the WMATA Board of Directors in 2002. In FY 2004, the WMATA Board of Directors approved "Metro Matters" Capital Improvement Program (CIP) which identified $1.5 billion in urgent capital needs of the region's bus and rail transit system over the next six years. The existing capital program combined with the "Metro Matters" program totals $3.2 billion. City Council approved the "Metro Matters" plan on September 28, 2004. Alexandria's share of the total combined program totals $48.5 million between FY 2005 and FY 2010. 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. This allocation represents the City's subsidy due to WMATA for the four quarters of FY 2006. (Fund Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 009-039 Account No. 235390 Sub-object 2121	Traffic and Rapid Transit (Traffic Control Facilities)	$250,000	$250,000	Page 136 of the City's Approved 2006 CIP Budget Document

This allocation will provide for the upgrade and capital maintenance of traffic control facilities and the traffic computer system, as well as the signalization of intersections currently passively controlled with STOP or YIELD signs. The capital maintenance and upgrade of the City's traffic control facilities will help to ensure traffic safety and optimize traffic flow in the City. This project is ongoing. (Fund Source: Cash Capital - FY 2005 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-104 Account No. 245209 Sub-object 2121	Streets and Bridges (King/Beauregard Intersection Improvements)	$2,000,000	$2,000,000 (State Monies)	Page 152 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the design of at-grade intersection improvements along King Street at Beauregard Street between Chesterfield Drive and 28th Street. 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. In December 1998, the Virginia Department of Transportation (VDOT) engaged the consulting firm of Michael Baker to conduct a traffic analysis. In 1999, VDOT put this project on hold at the request of the City until further discussions among VDOT, Arlington County and the City could occur. The City and Arlington County 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 the project and moving forward. Funding has been approved and will be provided in the VDOT Six-Year Plan. Design is scheduled to begin in Summer 2005 and end in December 2006. Construction is scheduled to begin in Spring 2007. (Fund Source: State Monies (VDOT Six-Year Plan) - FY 2005 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 011-401 Account No. 245704 Sub-object 2121	Streets and Bridges (Bridge Repairs)	$1,000,000	$1,000,000	Page 150 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for bridge capital maintenance, repair, painting of structures, joint sealing, bearing repairs and rehabilitation of bridge decks and structures. The City conducts a federally mandated bridge inspection program for in-service bridges and designates safety ratings to the bridges inspected. All bridges 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 reinforced steel. Corrective measures are being taken to forestall the loss of integrity before significant deterioration occurs. Maintenance and repairs are scheduled to begin in Fall 2005. This project is ongoing. (Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 011-102 Account No. 245357 Sub-object 2121	Streets and Bridges (Street Reconstructions)	$400,000	$400,000	Page 164 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for miscellaneous street reconstruction and rehabilitation projects, reprofiling, studies, design, streetscaping and unforeseen street repairs throughout the City. This allocation will provide for reconstruction and repairs on Linden Street and North View Terrace between Russell Road and Walnut Street; and Maple Street between Commonwealth Avenue and Mount Vernon Avenue. This project is ongoing.(Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-127 Account No. 245610 Sub-object 2121	Streets and Bridges (Parking Systems)	$400,000	$400,000	Page 166 of the City's Approved 2006 CIP Budget Document

This allocation will provide for the purchase and installation of approximately 800 parking meters in the Eisenhower East area. These parking meters are being installed to facilitate parking turn over and provide short term street level parking for visitors in the area. The installation of additional parking meters will result in increased maintenance and enforcement efforts, but these costs will be more than recovered from new meter revenues.(Fund Source: Cash Capital - FY 2005 and FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-701 Account No. 245330 Sub-object 2121	Streets and Bridges (Potomac Yard Road and Bridge Improvements)	$200,000	$200,000	Page 148 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the review and construction oversight support services required by the City for the now privately funded construction of a straightened Monroe Avenue Bridge. 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 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. 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 within 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. Construction is scheduled to begin in Fall 2005 and end in late 2007.(Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 011-603 Account No. 245332 Sub-object 2121	Streets and Bridges (Telegraph Road Pedestrian Tunnel)	$100,000	$100,000	Page 151 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for improvements to the pedestrian tunnel that provides pedestrian access from the north side of the railroad and Metrorail tracks on Telegraph Road to the south side of the Eisenhower Valley commercial area. These improvements include the reconstruction of the tunnel flooring, new lighting and repainting the tunnel walls and ceiling. This project is scheduled to be completed in Fall 2006. (Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-404 Account No. 245315 Sub-object 2121	Streets and Bridges (Duke Street Flyover)	$100,000	$100,000	Page 151 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the design and public involvement related expenditures required for the Duke Street Flyover project. 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. Design is scheduled to be completed in Winter 2005. Construction is scheduled to begin in Spring 2006.(Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 013-101 Account No. 255200 Sub-object 2121	Sewers (Correction of Infiltration/Inflow)	$4,200,488	$4,200,488	Page 177 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding 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 phased project addresses the Four Mile Run, Commonwealth and Taylor Run sewer sheds. This allocation will provide for the study, field investigation and design of the Taylor Run rehabilitation phase of the project. Four Mile Run construction is scheduled to be completed in Fall 2005; Commonwealth Avenue construction is scheduled to begin in Summer 2005 and be

completed in Spring 2006; and the Taylor Run study and field investigation will begin in Fall 2005. (Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 013-501 Account No. 255133 Sub-object 2121	Sewers (Sanitary Sewer Reconstructions/ Extensions)	$900,000	$900,000	Page 174 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the construction of new sewer mains and the replacement and rehabilitation of old sewer lines as needed. Some projects currently under design include Diagonal Road between King Street and Dangerfield Road; Nelson Alley and Forrest Avenue from Commonwealth to Hickory Street. Projects ready to move to the construction stage include West Uhler Avenue from Commonwealth Avenue to Hickory Street; and West Caton Avenue from Commonwealth Avenue to Hickory Street. This project is ongoing.(Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 012-301 Account No. 250076 Sub-object 2121	Sewers (Storm Sewer Reconstruction/ Extensions)	$500,000	$500,000	Page 181 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for extensions and replacements of storm sewers, and for the reconstruction of deteriorated storm water channels. Projects currently under design include Edsall Road at Cameron Station; Francis Hammond Culverts and other miscellaneous storm sewer reconstructions. The Maple Street Storm Sewer Extension project is scheduled for construction in Summer 2005. Other projects are ongoing.(Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-501 Account No. 265298 Sub-object 2121	Systems Development (Public Safety Radio System)	$800,000	$800,000	Page 223 of the City's Approved 2006 CIP Budget Document

This allocation will provide for the completion of the upgrade of the City's existing 800 Mhz analog, two site Public Safety Radio System to a four site, dual mode analog/digital radio system to provide both improved coverage and expanded system capacity. The City's current radio system was originally installed in the mid 1980's as a single site (Masonic Temple), eight channel, trunked, analog system. As a trunked system it was designed to carry all of the radio frequency (RF) traffic of all user City departments, including public safety, DASH, T&ES as well as the Schools' security personnel. Adequate coverage was quickly identified as a problem and the system was upgraded several years later to a two-site simulcast system (Mark Center site was added). In the mid-1990's in light of reliability problems with the trunked system, a conventional three-channel back-up system was installed. These systems have operated acceptably until the past several years. There are currently more than 1,200 radios operating on the City's trunked radio system which represents an increase of at least 50% compared to its initial load. The capacity of the current system is being approached. In addition to software failures, which make system management problematic, key portions of the infrastructure (usually repeaters located at the broadcast sites) are failing at increasing rates and because they are the older analog type, and they cannot be replaced quickly. Coverage also has gradually deteriorated due to the aging radio infrastructure and the interference caused by the proliferation of cellular telephone sites and new building construction. Thus, not only does the existing radio system infrastructure need to be replaced but the system must be expanded and coverage improved to maintain a viable communications capability. In 2002 the City contracted with CTA Communications Inc., a Lynchberg, Virginia based engineering group specializing in land radio and public safety radio system design and implementation. After extensive review and analysis, CTA submitted three reports making recommendations concerning the primary radio system, the back-up system and implementation phasing alternatives. Based on CTA's recommendations, the City's Public Safety Radio Committee recommended: (1) upgrading the City's current primary and back-up

systems with a Dual mode analog/digital system which will operate with both the City's existing field radios and provide direct interoperability with digital systems in place or being implemented in surrounding jurisdictions (Arlington, Fairfax and others); (2) adding two new radio broadcast sites and expanding the system to 11 channels to provide improved coverage and expanded system capacity; and (3) implementing a conventional back-up radio system using existing National Public Safety Advisory Committee (NPSPAC) frequencies. Based on projections from both CTA and General Services, the total project cost is estimated to be approximately $7.0 million. As part of this allocation, the City has $2.5 million in federal Byrne Grant monies previously designated for the replacement of the Public Safety Radio System. Final design and off-site system testing has been completed. System installation is scheduled to be completed in Summer 2005 with final system testing and acceptance to be completed in Fall 2005. (Fund Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 015-524 Account No. 265165 Sub-object 2121	Systems Development (Document Management And Imaging Infrastructure)	$325,000	$325,000	Page 210 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the design and implementation of a joint imaging project for Transportation and Environmental Services (T&ES), Planning and Zoning and Code Enforcement, as well as projects in the Accounting Division of Finance and Information Technology Services (ITS). This project will provide electronic storage and retrieval of documents, which will improve customer service by providing retrievable and recoverable information, improved productivity by allowing faster retrieval of electronic documents (versus the current process of trying to locate hard copy documents), improved security, and improved file management. This project is scheduled to begin in Summer 2005 and be completed in FY 2006. The actual time line will be set by the vendor and customer after the initial design meeting.(Fund Source: Cash Capital - FY 2005 and FY 2006 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-508 Account No. 265496 Sub-object 2121	Systems Development (Business Tax Accounts Receivables System Replacement)	$200,000	$200,000	Page 216 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding to undertake the next stage of implementation of the City's new Business Tax Accounts Receivable System(BTARS) software. The new software will replace an outdated and aging system. The enhancements to the BTARS will be beneficial to both taxpayers and staff by automating the recording of tax returns, assessments, billing and the collection of payments. Upon completion, the project will reduce waiting time for citizens and business applicants appearing in person while tax accounts are created, edited and assessed for immediate payment. This project is scheduled for completion in 2006.(Fund Source: Cash Capital - FY 2005 and FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-509 Account No. 265504 Sub-object 2121	Systems Development (Real Estate Assessment System)	$100,000	$100,000	Page 212 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding to replace both the City's Real Estate Assessment System (CARAT). Redeveloping this system 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 City has 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 in the new system are essentially similar to the current models. Upon completion, this project will enhance staff productivity through improved processing speed, more accurate and flexible data manipulation and more reliable system operation. New reporting tools will also provide staff with the ability to be more responsive to requests for information. This allocation will provide funding for the next phases of this project. This project is ongoing with replacement of the current system in CY 2006.(Fund Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-538 Account No. 265225 Sub-object 2121	Systems Development (HIPAA Data Security)	$75,000	$75,000	Page 236 of the City's Approved 2006 CIP Budget Document

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This allocation will provide funding for several crucial initiatives necessary to meet the Federal Health Insurance Portability Accountability Act (HIPAA) 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. It will impact all functions, processes and systems that store, handle or generate health information. This allocation will provide for the installation of backup hardware at the West End Clubhouse and monitor and maintain the back-up from the main Mental Health, Mental Retardation/Substance Abuse (MH/MR/SA) Center located at 720 North Saint Asaph Street. Currently, all critical data systems equipment is located in the same room at the MH/MR/SA Health Center. This allocation will also provide for the implementation of biometric network authentication utilizing the latest technology to ensure data security. In addition, this allocation will provide for staff training on Windows 2003 security and for local printers for clinical staff. This project is ongoing.(Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-540 Account No. 265950 Sub-object 2121	Systems Development (Alexandria Justice Information System (AJIS)Enhancements)	$60,000	$60,000	Page 223 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for modifications to the Alexandria Justice Information System (AJIS) based on changes to federal, State and local statutory requirements. There is also a need to integrate existing systems currently in use by different AJIS user agencies. AJIS was completed and implemented in FY 2004. This allocation will also provide funding for additional functionalities requested by user departments. This project is ongoing and will protect the City's investment by ensuring that the system will continue to grow to meet changing statutory and technological requirements. (Fund Source: Cash Capital - FY 2006 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-554 Account No. 265310 Sub-object 2121	Systems Development (Computer-Aided Design (CAD)Enhancements)	$54,000	$54,000	Page 241 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for an upgrade to the City's current version of the AutoCAD (Computer-Aided Design) software. Additional licenses will also be purchased to accommodate the growing need for the use of this software. The City's current version of this software does not support automated design capabilities currently needed by the City. As a result, the City has some work performed by outside consultants, who must format files to be compatible with the City's older version of the software. The upgrade will use the City's distributed application services to maximize the use of AutoCAD licenses. In addition, the features available in the updated version will allow the City to complete more work in-house, saving monies currently spent on contractors. This project is scheduled to be completed in

FY 2006. (Fund Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 015-547 Account No. 265281 Sub-object 2121	Systems Development (Information Technology Project Management)	$50,000	$50,000	Page 241 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for contract project management in order to implement IT projects in various departments. In addition, this allocation will provide for the purchase of additional software licenses for the City's enterprise project management software application for departmental staff who desire to use this web-based application. This project is scheduled to be completed in Winter 2005.(Fund Source: Cash Capital - FY 2006 Funds)

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Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 015-555 Account No. 265215 Sub-object 2121	Systems Development (DOT Paratransit System Replacement)	$30,000	$30,000	Page 240 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the replacement of the City's software used to manage the Department of Transportation (DOT) Paratransit Service. This system provides curb-to-curb call intake and data management of taxi and van service for Alexandria citizens who cannot use conventional fixed-route transit services. The current application is Disk Operating System (DOS) based and is written in an obsolete database language. The network and desktop operating systems used by the application are also obsolete, and cannot be upgraded due to the requirements of the legacy paratransit management software. The City will acquire a new system that will be an Internet hosted application to replace the current system. The project is scheduled to be completed in FY 2006. (Funding Source: Cash Capital - FY 2006

Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-513 Account No. 265702 Sub-object 2121	Systems Development (General Ledger Accounting System)	$20,000	$20,000	Page 214 of the City's Approved 2006 CIP Budget Document

This allocation will provide for the reporting and configurations changes required to upgrade the City's financial management software. This upgrade will ensure that the City's financial accounting, budgeting and asset management software and underlying databases are supported by the vendor. This upgrade is anticipated to take place in Summer 2005 and will add some reporting features relating to accounting for City encumbrances and fix some known problems with the existing software. (Fund Source: Cash Capital - FY 2005 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-510 Account No. 265512 Sub-object 2121	Systems Development (Office of Management and Budget (OMB) Systems)	$10,000	$10,000	Page 213 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the implementation of a desktop publishing solution to improve the process of publishing the City's annual budget documents. Publication of the budget documents is a complex and intensive process and implementation of new software tools and publishing solutions should streamline the publication process and improve the design quality of the publications. This project is anticipated to be implemented in Winter 2005. (Fund Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-546 Account No. 265155 Sub-object 2121	Infrastructure Systems (Network Operations Center Upgrades)	$300,000	$300,000	Page 259 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for part of the costs associated with the move of Information and Technology Services (ITS)Department and the Network Operations Center from City Hall to leased space at Tavern Square. In order to free up space in City Hall, City Council approved a plan to move ITS (including the City's Network Operations Center) out of City Hall to leased space at Tavern Square. The landlord of Tavern Square will fund the majority of the capital build-out costs as specified in the lease. However, the City will be responsible for certain major items, which include heating, ventilation and air conditioning (HVAC) and emergency generator power requirements for the Network Operations Center. This allocation will provide for part of the City's incurred costs associated with the move from City Hall to Tavern Square. In addition, this allocation will also provide funding to initiate the necessary modifications to the new site. These modifications to the leased space are scheduled to be undertaken and completed in FY 2006. (Fund Source: Cash Capital - FY 2006 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-516 Account No. 265360 Sub-object 2121	Infrastructure Systems (E-Mail Systems Development)	$30,000	$30,000	Page 255 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding to improve and evolve the City's electronic mail (E-Mail) services. Lotus Notes (the City standard for e-mail) Version 5 will soon be upgraded to Version 6, which provides many new functionalities and improvements. This allocation will

also provide for the acquisition of an Anti-Spyware and Anti-Adware software solutions. This project is ongoing. (Fund Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	**Project Title**	**Approved Funding Available**	**Planned Expenditure Amount**	**Budget Document Page Reference**
Project 016-001 Account No.200014 Sub-object 2121	Northern Virginia Community College	$137,100	$137,100	Page 188 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the City's share of the Northern Virginia Community College's (NVCC) capital costs for FY 2006. Capital costs are determined by a formula that is based on the population of the nine participating jurisdictions.(Funding Source: Cash Capital - FY 2006 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-901 Account No.215327 Sub-object 2121	Northern Virginia Regional Park	$332,757	$332,757	Page 96 of the City's Approved 2006 CIP Budget Document

This allocation will provide funding for the City's share of the Northern Virginia Regional Park Authority's (NVRPA) capital costs for FY 2006. Capital costs for the NVRPA are paid by the Authority's member jurisdictions based on a formula that determines each jurisdiction's annual share. Regional park facilities in Alexandria include the Cameron Run Regional Park and the Carlyle House. The capital improvements scheduled for the Alexandria facilities in FY 2006 include renovations to the miniature golf course at Cameron Run Park; and heating, ventilation and air conditioning (HVAC), fire suppression systems upgrades and roof replacement at Carlyle House.(Funding Source: Cash Capital - FY 2006 Funds)