

City of Alexandria, Virginia

MEMORANDUM

**DATE:** NOVEMBER 17, 2010  
**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 \$5,832,400 for 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 2011 Capital Budget approved by City Council, or approved in capital budgets prior to FY 2011 with a CIP budget document page reference in the Attachment. A project title listing appears below and a detailed summary appears in the Attachment.

Allocations are recommended for the following projects:

<b>Schools (\$617,400)</b>	
City Mandates (Fire Code Improvements)	\$175,000
EcoCity Initiatives	\$442,400
<b>Recreation and Parks (\$25,000)</b>	
Public Pools	\$25,000
<b>Streets, Bridges, and Non-Motorized Transportation (\$4,990,000)</b>	
Bridge Repairs	\$990,000
King & Beauregard Intersection Improvements (98% State Urban Funds)	\$4,000,000



**Attachment 1: Capital Improvement Program (CIP) Planned Expenditures  
November 23, 2010 Report, Docketed November 23, 2010**

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 2011 Capital Improvement Program (CIP) budget or in prior year capital budgets.

Capital Project (Category 2/3) Name		Proposed 2011 CIP Section & Page	Allocation Request	OCA / Subobject	Project #
City Mandates (Fire Code Improvements)		Schools – p. 6-5 (FY 2011 Approved)	\$175,000 (General Obligation Bonds)	200260-2106 (\$100k); 200105-2106 (\$75k)	001-164; 001-172
<b>Project Funding Summary</b>		<b>Use of Funds</b>			
Prior Year Unallocated Balance	\$0	<p>This allocation request of \$175,000 will help complete upgrades to the fire alarm systems at two school facilities per the City's Fire Marshal's instruction. These fire alarm system control panel upgrades were needed improvements related to the addition of modular spaces at the schools. The existing panels could not handle the added complexity of the new classrooms. The sites and approximate costs are:</p> <ul style="list-style-type: none"> <li>• Minnie Howard - \$100,000</li> <li>• John Adams - \$75,000</li> </ul> <p><b>Project History / Background</b> City Mandates projects are typically related to building or fire code issues at ACPS facilities, but can also include drainage-related projects driven by legislation like the Chesapeake Bay Act. These projects are typically smaller, incremental initiatives that take place concurrent with major renovation or construction projects.</p>			
Current Fiscal Year Program Budget	\$238,000				
Total Fiscal Year Allocations to Date	\$63,000				
Current Allocation Request	\$175,000				
Remaining Unallocated Project Balance	\$0				

9)

**Attachment 1: Capital Improvement Program (CIP) Planned Expenditures  
November 23, 2010 Report, Docketed November 23, 2010**

<b>Capital Project (Category 2/3) Name</b>		<b>Proposed 2011 CIP Section &amp; Page</b>	<b>Allocation Request</b>	<b>OCA / Subobject</b>	<b>Project #</b>
EcoCity Initiatives		Schools – p. 6-5 (FY 2011 Approved)	\$442,400 (General Obligation Bonds)	200202 (\$189,400); 200240-2121 (\$253k)	001-208; 001-163
<b>Project Funding Summary</b>		<b>Use of Funds</b>			
Prior Year Unallocated Balance	\$0	<p>This allocation request of \$442,400 will continue to fund projects consistent with the advancement of the City’s EcoCity Initiative.</p> <ul style="list-style-type: none"> <li>• Installation of renewable solar energy, ground source geothermal HVAC system wells at James K. Polk Elementary School (\$189,400). This effort is a component of the larger HVAC replacement project at this school and should ultimately result in significant savings in utility usage and costs.</li> <li>• \$253,000 for the installation of a lighted, artificial turf athletic field at Francis C. Hammond Middle School as well as a non-competition running track. The project is expected to be completed by fall 2011. The majority of funding (approximately \$1.15 million) for this project is being provided by ACPS through the use of fund balance. This fund balance results from unused legal settlement funding related to the Francis Hammond construction project.</li> </ul>			
Current Fiscal Year Program Budget	\$1,746,000				
Total Fiscal Year Allocations to Date	\$1,303,867				
Current Allocation Request	\$442,400				
Remaining Unallocated Project Balance	\$0				
		<b>Project History / Background</b>			
		<p>At James K. Polk Elementary School, an infrastructure renewal project was started in FY 2010 that will replace the main boilers and HVAC systems in all classrooms and upgrade the electric power and plumbing systems throughout the building.</p> <p>At Francis C. Hammond Middle School, funding is provided to build an artificial turf system on the field adjacent to the school in order to provide additional playing fields for the students and the City’s Recreation Department programs.</p>			

4

**Attachment 1: Capital Improvement Program (CIP) Planned Expenditures  
November 23, 2010 Report, Docketed November 23, 2010**

<b>Ongoing Maintenance Program (Category 1) Title</b>		<b>CIP Section &amp; Page</b>	<b>Allocation Request</b>	<b>OCA / Subobject</b>	<b>Project #</b>
Public Pools		Recreation & Parks: p. 6-40 (FY 2011 Approved)	\$25,000 (Cash Capital)	267534-2121	004-808
<b>Program Funding Summary</b>		<u>Use of Funds</u>			
Prior Year Unallocated Balance	\$52,000	<p>This \$25,000 allocation will be combined with the existing account balance to complete the following work at City pools to:</p> <ul style="list-style-type: none"> <li>• Separate the recirculation system at Old Town Pool between the training and main pools to satisfy Health Department standards and eliminate the need to close both pools following accidental contamination events;</li> <li>• Replace failing circulation system at Ewald Pool;</li> <li>• Make various plumbing and electrical repairs, and conduct inspection and replacement at Warwick, Old Town and Ewald Pools;</li> <li>• Make repairs to the Old Town Pool bathhouse siding and roof.</li> </ul> <p><u>Project Background / Operating Impacts</u></p> <p>This project includes annual funding for maintenance of the outdoor pool shells, structures, mechanical and filtration systems, decks, bathhouses, and amenities.</p> <p>Funding in prior fiscal years has funded public pool improvements, including installation of suction control devices at all pools; chemical control systems at Chinquapin, Old Town Pools and Warwick Pools; bathhouse painting; and pool and facility plumbing and electrical repairs.</p>			
Current Fiscal Year Program Budget	\$52,000				
Total Fiscal Year Allocations to Date	\$0				
Current Allocation Request	\$25,000				
Remaining Unallocated Project Balance	\$79,000				

5

**Attachment 1: Capital Improvement Program (CIP) Planned Expenditures  
November 23, 2010 Report, Docketed November 23, 2010**

Ongoing Maintenance Program (Category 1) Title		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
Bridge Repairs		Streets & Bridges: p. 6-104 (FY 2011 Approved)	\$990,000 (General Obligation Bonds)	245704-2102	011-401
Project Funding Summary		<u>Use of Funds</u>			
Prior Year Unallocated Balance	\$390,000	<p>The requested allocation of \$990,000, combined with the current project balance will provide funding for the following bridge maintenance and repairs: Telegraph Road Bridge over Mill Road; Duke Street Bridge over Holmes Run; and Seminary Road Bridge over I-395. Construction is scheduled to begin in the Spring of 2011.</p> <p><u>Project History / Background</u></p> <p>This project provides funding for the maintenance, repair, painting of steel structures, joint sealing, bearing repairs and rehabilitation of bridge decks and structures. The City conducts a federally mandated bridge inspection program for in-service bridges and designates safety ratings to the bridges inspected. All bridges in the City are inspected at a minimum of every two years and the results are reported to the State. Industry standards indicated that bridges need to be repainted every 10-15 years, while bridge deck reconstruction and rehabilitation may be required every 20-25 years. Providing routine maintenance will lengthen the life of each bridge and forestall the loss of structural integrity.</p>			
Current Fiscal Year Program Budget	\$600,000				
Total Fiscal Year Allocations to Date	\$0				
Current Allocation Request	\$990,000				
Remaining Unallocated Project Balance	\$0				

6

**Attachment 1: Capital Improvement Program (CIP) Planned Expenditures  
November 23, 2010 Report, Docketed November 23, 2010**

Capital Project (Category 2/3) Name		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
King & Beauregard Intersection Improvements		Streets & Bridges: p. 6-113 (FY 2011 Approved)	\$4,000,000 (State Urban Funds & General Obligation Bonds)	245209-2102	011-104
<b>Project Funding Summary</b>		<u>Use of Funds</u>			
Total Project Budget	\$11,858,862	<p>The requested allocation of funds will be used for right of way acquisition costs. The design is currently 90% complete, and the City has received federal authorization acquiring this property. The allocation includes \$3.9 million in State Urban (VDOT) funds as well as the required \$80,000 City match (2%).</p> <p><u>Project History / Background</u></p> <p>Since the 1990's, the City of Alexandria and Arlington County have been working together on transportation solutions for the intersection of King and Beauregard Streets. Discussions for improving this intersection date back to the late 1970's. In joint meetings, City and County staff, along with elected officials from both jurisdictions, identified the subsequent intersection constraints: Lack of intersection capacity; lack of accommodation of non-motorized modes of travel; and poor accommodation of transit.</p> <p>These project goals were revisited in FY 2000 as the cost, desirability and realization of the impact of the then-proposed separated grade interchange came into question. Elected officials and staff reconvened to re-examine design alternatives which could accomplish the project goals, minimize right of way acquisition and improve aesthetics at this City gateway. After several meetings and considerable public input in 2003, the project was scaled back to a major intersection improvement project.</p> <p>The current proposed at-grade improvements will add an additional left turn lane in each direction on King Street, medians and a 10' shared use path on portions of King Street and North Beauregard Street. The improvements will increase capacity and safety through the corridor and result in a reduction in delay of 31% in the morning rush hour and 19% in the evening rush hour.</p>			
Total Allocations to Date	\$2,064,600				
Current Allocation Request	\$4,000,000				
Remaining Unallocated Project Balance	\$5,796,262				

7

**Attachment 1: Capital Improvement Program (CIP) Planned Expenditures  
November 23, 2010 Report, Docketed November 23, 2010**

<b>Ongoing Maintenance Program (Category 1) Title</b>		<b>CIP Section &amp; Page</b>	<b>Allocation Request</b>	<b>OCA / Subobject</b>	<b>Project #</b>
AJIS Enhancements		IT Plan: p. 7-58 (FY 2011 Approved)	\$200,000 (Cash Capital)	265950-2102	015-540
<b>Project Funding Summary</b>		<u>Use of Funds</u>			
Prior Year Unallocated Balance	\$91,000	<p>The City's criminal justice agencies use the Alexandria Justice Information System (AJIS) to help confirm compliance with accreditation standards, grant applications or other statistical needs. Funds will be allocated for initiatives including AJIS support; regular hardware upgrades needed to accommodate increased functionality; and expanded database storage including document and image archival. Software upgrades and updates are needed to maintain compatibility and warranty support.</p> <p><u>Project History / Background</u></p> <p>The Alexandria Justice Information System (AJIS) provides multiple City agencies and the law enforcement community with access to critical civil, criminal court and inmate management data, mug shots, documents and reports. AJIS interfaces with other systems to furnish AJIS data to other local, regional and national law enforcement agencies. Additionally, it provides the public with free and fee-based internet access to circuit court data and documents. Users depend on AJIS to provide mission critical court and jail management information around the clock.</p>			
Current Fiscal Year Program Budget	\$200,000				
Total Fiscal Year Allocations to Date	\$0				
Current Allocation Request	\$200,000				
Remaining Unallocated Project Balance	\$91,000				

8