

**Attachment: Capital Improvement Program (CIP) Planned Expenditures
February 26, 2013 Report, Docketed February 26, 2013**

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 2012 and FY 2013 Capital Improvement Program (CIP) budgets or in prior year capital budgets.

Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
City Marina Maintenance		Recreation & Parks – p. 9-20 (FY 2013 Approved CIP)	\$38,000 (Cash Capital)	267535-2121	004-814
Program Funding Summary		<u>Use of Funds</u>			
Prior Year Unallocated Balance	\$55,000	The requested allocation of \$38,000 will provide for the replacement of existing wood railings at the City Marina. Work includes removal and disposal of old railing material, installation of 350' of custom steel railing, and installation of three double swing gates.			
FY 2013 Program Budget	\$90,000	<u>Project History / Background</u>			
Total Fiscal Year Allocations to Date	\$0	This project increases the level of service provided to residents and visitors at the Marina. City Marina maintenance projects are prioritized to fund safety and security items as the first priority. Items to improve visitor safety and security, Department of Homeland Security recommendations, and United States Coast Guard security recommendations are core projects.			
Current Allocation Request	\$38,000				
Remaining Unallocated Project Balance	\$107,000	Previous projects have included repairs and/or replacement of pier railings and broken pilings, installation of a closed-caption television security system, and lighting replacement including navigational lights.			

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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
Park Renovations Capital Facilities Maintenance Program (CFMP)		Recreation & Parks – p. 9-8 (FY 2013 Approved CIP)	\$8,000 (Cash Capital)	265678-2121	004-806
Program Funding Summary		<u>Use of Funds</u> The requested allocation of \$8,000 will provide for mile markers along the portion of the Holmes Run Trail that is within Holmes Run Park. The markers have been requested by both the community and the Alexandria Police as a safety measure to allow park users to easily identify their location in the park. The markers will be placed at quarter mile intervals and will each have a solar light embedded in the ground below them.			
Prior Year Unallocated Balance	\$164,000	<u>Project History / Background</u> The on-going goal for use of the Parks Renovation CFMP is to carry out improvement and replacement projects that meet the needs of the City's residents, while reducing the required maintenance effort and associated long-term costs for City facilities. Previous allocations include funding for furniture replacement throughout the park system, improved dugouts at Ben Brenman Park, and drainage improvements outside of the Colasanto Center.			
FY 2013 Program Budget	\$313,000				
Total Fiscal Year Allocations to Date	\$309,000				
Current Allocation Request	\$8,000				
Remaining Unallocated Project Balance	\$160,000				

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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
Soft Surface Trails		Recreation & Parks – p. 9-13 (FY 2013 Approved CIP)	\$15,000 (Cash Capital)	215277-2121	004-051
Program Funding Summary		<u>Use of Funds</u> The requested allocation of \$15,000 will provide funding for the following projects: <ul style="list-style-type: none"> Holmes Run Trail Fitness Station Expansion (\$8,000) - The fitness station near Beatley Bridge will be expanded to accommodate additional fitness equipment. The project will enable replacement of 1-3 pieces of equipment that over the years have been removed due to damage, age or safety and have not been replaced. This is an external project request submitted by the Holmes Run Park Committee and approved by the Park and Recreation Commission. Timber replacement throughout Waterfront District (\$7,000) - This funding will replace deteriorating timbers along stone dust trails in the Waterfront District. Replacement will help to eliminate trip hazards and minimize erosion and washout. 			
Prior Year Unallocated Balance	\$0	<u>Project History / Background</u> This program provides improvements to the soft surface trail/path systems in the City. The program addresses repairs, amenities, and surfacing. Soft trail surfacing is more susceptible to damage from flooding, heavy rains, and erosion. Examples of projects completed with prior capital allocations include improvements to the Dora Kelly Trail and Founders Park to install a pervious surface material called Flexi-Pave. This material provides a firm, porous, wheelchair accessible trail, less prone to erosion.			
FY 2013 Program Budget	\$60,000				
Total Fiscal Year Allocations to Date	\$45,000				
Current Allocation Request	\$15,000				
Remaining Unallocated Project Balance	\$0				

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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
Miscellaneous Extension & Replacement of Storm Sewers		Sewers – p. 12-26 (FY 2013 Approved CIP)	\$130,000 (\$100,000 General Obligation Bonds; \$30,000 Stormwater Tax)	250076-2121	012-301
Program Funding Summary		<u>Use of Funds</u> The requested allocation of \$130,000 will be utilized for various critical storm water infrastructure projects. Specific initiatives include: <ul style="list-style-type: none"> Construction of the King Street & Strand Street Storm Sewer Tide Gate replacement/rehabilitation project (\$100,000) - Investigations of nuisance flooding at the intersection of King and Strand Streets to replace a non-functioning storm sewer tide gate in the storm sewer system in lower King Street draining to the Potomac River. Replacing the tide gate and rehabilitating the structure will allow easier access for maintenance and may help mitigate the nuisance flooding in King Street/Strand Street/Union Street areas due to high tide flooding. While other mitigation actions may be more effective, seeing how effective a storm sewer tide gate with new technology would be a first step towards addressing flooding in the lower King Street area. Funding will be utilized for inspection and construction, with construction beginning spring 2013. Community Rating System (CRS) and Floodplain Management Support Services (\$20,000) - Funding will be utilized to provide design services to ensure requirements are met to achieve Community Rating System (CRS) Class 6 designation, and serve as a liaison as needed between the City and Insurance Services Office (ISO). The Class 6 rating is important, as it relates to flood insurance premium discounts – the better the rating, the better the discount. King Street Storm Drain (\$10,000) – Perform a closed circuit television inspection and results analysis of an existing storm sewer under King Street at its intersection with Beauregard Street. The condition assessment is required to determine if repairs need to be completed, and to coordinate their completion with the King and Beauregard Intersection Improvement project. 			
Prior Year Unallocated Balance	\$3,214,113				
FY 2013 Program Budget	\$0				
Total Fiscal Year Allocations to Date	\$350,000				
Current Allocation Request	\$130,000				
Remaining Unallocated Project Balance	\$2,734,113				

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		<u>Project History / Background</u> This project provides funding for essential infrastructure maintenance on the City's storm sewer system. Funding is also provided for inspection, analysis, and studies related to storm sewer capital infrastructure replacement.
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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
Stream & Channel Maintenance & Restoration – Backlick Run Stream Bank Stabilization		Sewers – p. 12-25 (FY 2013 Approved CIP)	\$350,000 (\$300,000 General Obligation Bonds; \$50,000 Stormwater Tax)	210112-2121	003-601
Program Funding Summary		<u>Use of Funds</u> The requested allocation of \$350,000 will provide for the cost of construction and construction management and inspection of the Backlick Run Stream Bank Stabilization – East Site project located at the Backlick Run Flume Outlet in Ben Brenman Park. Funding for the site inspection and analysis was provided in June 2012. Construction is scheduled for the spring/summer of 2013.			
Prior Year Unallocated Balance	\$170,750	<u>Project History / Background</u> The extreme flooding event of September 8, 2011 brought on by the remnants of Tropical Storm Lee caused severe erosion at the Backlick Run Flume Outlet in Ben Brenman Park. The severe erosion is now threatening the foundation of a RPCA equipment storage building and needs immediate repair. Portions of the project may be eligible for disaster grant funding reimbursement through FEMA’s Hazard Mitigation Grant Program which became available for applications following the federal disaster declaration on November 17, 2011. City staff will pursue FEMA reimbursement to offset the costs of these repairs.			
FY 2013 Program Budget	\$1,198,000				
Total Fiscal Year Allocations to Date	\$530,000				
Current Allocation Request	\$350,000				
Remaining Unallocated Project Balance	\$488,750				

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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
Network Security		Information Technology – p. 14-92 (FY 2013 Approved CIP)	\$150,000 (Cash Capital)	265876-2121	015-413
Program Funding Summary		<u>Use of Funds</u>			
Prior Year Unallocated Balance	\$50,000	<p>The requested allocation of \$150,000 will be utilized to implement a hosted Mobile Device Management (MDM) solution to secure the City's fleet of smartphones and tablets. MDM software secures, monitors, manages and supports mobile devices deployed across mobile operators, service providers and enterprises. The MDM solution will allow staff to securely connect their mobile devices to the corporate network as long as the devices meet the minimum security policy configurations.</p> <p><u>Project History / Background</u></p> <p>The purpose of this project is to fund the implementation of security technologies which will ensure the integrity and security of the City's information technology infrastructure. The City's information security program's function is to proactively identify, assess and recommend solutions for the City's IT vulnerabilities. Evaluating the role of new security technologies and methodologies to better protect the City's data and information technology infrastructure is major component of this program. Implementing new security technologies, policies, and methodologies is a continual process which requires capital investment for hardware, software, and professional services.</p>			
FY 2013 Program Budget	\$100,000				
Total Fiscal Year Allocations to Date	\$0				
Current Allocation Request	\$150,000				
Remaining Unallocated Project Balance	\$0				

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Capital Project (Category 2/3) Name		CIP Section & Page	Allocation Request	OCA / Subobject	Project #
Remote Radio Technology – Sheriff’s Office		Information Technology – p. 14-74 (FY 2013 Approved CIP)	\$24,000 (Cash Capital)	TBD	TBD
Project Funding Summary		<p><u>Use of Funds</u></p> <p>This project funds a pilot program by the Sheriff’s Office to expand radio communication capability by allowing radio transmissions to be received on staff mobile devices, laptops and desktop computers. The technology allows for real time “push-to-talk” capability across Wi-Fi or wireless data networks anywhere in the world, protected by AES 256 encryption. AES 256 encryption is essential to the system, as it prevents communications from being heard or otherwise intercepted by outside people.</p> <p>The requested allocation of \$24,000 will be utilized to implement the use of this new technology. To implement this project, the following software, hardware, and services will be required:</p> <ul style="list-style-type: none"> • Interface cables (hardware); • Software enabling communication on three radio channels; • Software for two desktop communicators; • Software for four mobile clients; and • Initial one-year service maintenance cost and labor costs. <p>It is expected that the completion of this initiative will result in the installation and work readiness of all hardware and software necessary to the project, allowing the technology to be implemented in real time work conditions.</p> <p><u>Project Background</u></p> <p>The technology allows for real time “push-to-talk” capability across Wi-Fi or wireless data networks anywhere in the world, protected by AES 256 encryption. This technology can enhance the safety of Deputy Sheriff’s when transporting prisoners outside the radio communication coverage areas. It will allow Deputies to remain connected in real time to, the Sheriff’s Office and City law enforcement communication channels.</p>			
Total Approved Project Funding To-Date	\$24,000				
Total Project Allocations	\$0				
Current Allocation Request	\$24,000				
Remaining Unallocated Project Balance	\$0				
<i>Total Project Budget Including CIP Out-Year</i>	\$24,000				