

**Attachment: Capital Improvement Program (CIP) Planned Expenditures
October 22, 2013 Report, Docketed October 22, 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 FY 2013 and FY 2014 Capital Improvement Program (CIP) budgets or in prior year capital budgets.

Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	Munis ORG	Munis Project #
Fire Department Vehicle & Apparatus		Community Development – p. 8-18 (FY 2014 Approved CIP)	\$694,000 (2013 General Obligation Bonds)	45512236	20456
Program Funding Summary		<u>Use of Funds</u>			
Prior Year Unallocated Balance	\$0	<p>The requested allocation of \$694,000 will fund the purchase of two fully equipped medic units to replace two existing units. The two medic units will be assigned from station to station, on a rotational basis. Fully equipped medic units include the base price, plus additional equipment such as Lifepaks, stretchers, and other medical equipment.</p> <p><u>Project History / Background</u></p> <p>This project was initiated after staff review from the City Manager's Office, Fire Department, OMB, and Finance Department. All departments worked together to review the best way to assist replacement of Fire Department fleet vehicles in the most cost effective manner. After reviewing the Fire Department's proposed needs and a ten-year replacement plan, staff examined the concept of bond financing which allows the City to address the more crucial needs by allowing repayment over time. General Obligation Bonds also have a lower interest rate than a traditional lease-purchase arrangement. This will allow for a more efficient and timely replacement of vehicles in the Fire Department. This is a separate allocation from the Fire Department vehicle and apparatus purchase of \$7.998 million approved by City Council and allocated in September 2013. This allocation represents the replacements needed for FY 2014 as budgeted in the Approved FY 2014 CIP.</p>			
FY 2014 Program Budget	\$694,000				
Total Fiscal Year Allocations to Date	\$0				
Current Allocation Request	\$694,000				
Remaining Unallocated Project Balance	\$0				

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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	Munis ORG	Munis Project #
Tree and Shrub Capital Maintenance		Recreation and Parks – p. 9-14 (FY 2014 Approved CIP)	\$123,000 (Cash Capital)	44801657 44801656	20199 20202
Program Funding Summary		<u>Use of Funds</u> The requested allocation of \$123,000 will provide funding for the following initiatives: <ul style="list-style-type: none"> • Spring Tree Planting (\$58,000) – Installation of trees throughout the City of Alexandria during the spring of FY2014. These funds will support the replacement planting of diseased, damaged and dead trees that are removed along city streets, in parks, and at public facilities and the installation of trees in new locations at the request of residents and in other appropriate locations identified by staff. • Enhanced Landscape Beds Around Entry Portals (\$50,000) – Improvements to structural entry features, signage, irrigation, and shrub plantings at multiple locations on roadways leading into the City. Conversion of existing flower and turf areas to low maintenance plantings in order to reduce maintenance costs and improve appearance. • Improvements to King Street/Washington Street/Market Square Landscape Beds (\$15,000) – Renovation and improvements to planting beds and surrounding areas at City Hall/Market Square. Repairs and additions to irrigation system to reduce the need for hand-watering. Installation of permanent large-scale planters and low-maintenance shrub species. 			
Prior Year Unallocated Balance	\$0	<u>Project History / Background</u> The City of Alexandria's Urban Forestry Master Plan, which was approved by City Council in September 2009, recommends the adoption of American Forest's goal of achieving 40% tree canopy coverage. Increasing the number of trees within the City is an integral part of sustaining and expanding the area of tree canopy. The Natural Resources Division is striving to make progress toward the 40% goal through replacement of lost trees and the addition of as many supplemental ones as possible. The annual CIP funding provides for the planting of approximately 450 trees along City streets, in parks, and at public facilities.			
FY 2014 Program Budget	\$226,000				
Total Fiscal Year Allocations to Date	\$103,000				
Current Allocation Request	\$123,000				
Remaining Unallocated Project Balance	\$0				

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		<p>The projects on-going goal is to carry out horticultural-site installation and restoration projects that meet the needs of the City's residents, while reducing the required maintenance effort and associated long-term costs for City facilities. Implementation of these capital improvement projects will provide a variety of improvements, including improved appearance and aesthetics, reduction of future costs through the use of lower-maintenance plant materials, and reduced stormwater runoff and nutrient pollution to downstream waterways.</p>
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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	Munis ORG	Munis Project #
Alexandria Transit Company Bus Replacement & Expansion		Transit & Transportation – Public Transit p. 11-18 & p. 11-19 (FY 2014 Approved CIP)	\$4,050,000 (VDOT Urban/RSTP/CMAQ) \$3,250,000 (TIP Funds); \$20,000 (City Funds)	NEW	TBD
Program Funding Summary		<u>Use of Funds</u>			
Prior Year Unallocated Balance	\$20,000	<p>The requested allocation of \$7,320,000 provides funding the acquisition of nine 35' heavy duty and two 40' heavy duty, low floor, clean-diesel hybrid transit buses. Of the eleven total transit buses, six will replace older vehicles in the DASH fleet and five buses will be used to expand or improve the fleet as part of the expansion program approved by the Alexandria Transit Company Board of Directors. The expansion buses will be used, along with existing vehicles in the DASH fleet, to increase service frequencies and improve service quality on the AT1 route.</p> <p>The allocation allows the eleven buses to arrive at DASH fully equipped with on-board camera system, automatic vehicle location technology, automatic passenger counters, bus stop annunciators, and the ability to easily integrate our City-shared Motorola radio system. The new hybrid technology provides an estimated 25% improvement in fuel efficiency and reduced emissions. The low-floor design improves accessibility for persons with disabilities and senior citizens, by offering a wider entrance without steps and a simple, reliable and easy to maintain fold-out ramp, which replaces the old style hydraulic wheelchair lift. The low-floor feature also speeds passenger boarding and alighting at bus stops.</p> <p><u>Project History / Background</u></p> <p>The Alexandria Transit Company (ATC) bus replacement schedule is based on the 12-year life cycle of a heavy-duty transit bus. Due to budgetary constraints in the last several years, ATC has had to delay its purchase of replacement buses, requiring DASH to maintain and operate buses past their useful life and beyond their scheduled replacement as identified in ATC's annual Transit Development Program (TDP). This purchase will allow for replacement of nine-1999 and 2000, 35' Gillig buses in addition to the one expansion bus. As part of the</p>			
FY 2014 Program Budget	\$7,300,000				
Total Fiscal Year Allocations to Date	\$0				
Current Allocation Request	\$7,320,000				
Remaining Unallocated Project Balance	\$0				

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		<p>Approved FY 2014 CIP, a total of \$4.05 million in grant funding is available for the purchase of replacement buses. All funding sources have been verified as being available for the bus purchases.</p> <p>Additionally, as part of the approved FY 2014 CIP, \$3.25 million was approved for the expansion of the DASH fleet as part of the Transportation Improvement Program (TIP). Operating costs associated with the fleet expansion have been budgeted in the FY 2014 Operating Budget (through the TIP fund).</p>
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Capital Project (Category 2/3) Name		CIP Section & Page	Allocation Request	Munis ORG	Munis Project #
Bus Shelters and Benches		Transit & Transportation – Public Transit – p. 11-17 (FY 2014 Approved CIP)	\$1,033,500 (\$1,013,500 State & Federal Grants; \$20,000 Development Contributions)	50411781	20332
Project Funding Summary		<u>Use of Funds</u> The requested allocation of \$1,033,550 will fund new and replacement bus shelter and related passenger amenities citywide. The allocation is funded with State and Federal Grants (\$1,013,500) and development contributions (\$20,000). Specific initiatives to be completed include: <ul style="list-style-type: none"> • Replacement of at least 30 Metrobus shelters (\$25,000/shelter); • Two new shelters at stops that currently do not have a shelter and have ridership of 50 or more passengers per day (\$25,000/shelter); • 10 new bus stop benches at locations where benches have been damaged or are needed to enhance passenger experience (\$1,500/bench); • 8 real-time information signs at key locations (\$10,000/sign); and • Up to 10 new and/or replacement concrete bus stop foundations to enhance accessibility to transit stops (\$13,500/concrete pad). 			
Total Approved Project Funding To-Date	\$1,900,878	<u>Project Background</u> This project includes funding for bus stop improvements including the replacement of existing bus shelters and bus stop benches at various locations throughout the City, the construction of new bus shelters, the installation of bus stop benches, solar illumination, real time transit information, and other bus stop amenities. The bus shelter program funded the completion of 16 shelters between 2005 and 2008. In 2008, WMATA stopped installing bus shelters, and the City has taken over this activity. The City completed the redesign of a City standard bus shelter in 2013. It is anticipated that the replacement of existing shelters and installation of new shelters and bus stop benches will be completed by the end of FY 2016.			
Total Project Allocations	\$867,378				
Current Allocation Request	\$1,033,500				
Remaining Unallocated Project Balance	\$0				
Total Project Budget Including CIP Out-Years	\$1,900,878				

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Capital Project (Category 2/3) Name		CIP Section & Page	Allocation Request	Munis ORG	Munis Project
Mass Transit (SAFETEA-LU & Urban Projects) - Eisenhower Valley Metro Area I & II		Transit & Transportation – Public Transit p. 6-124 (FY 2012 Approved CIP)	\$28,526 (Federal Funds)	51411846	20384
Project Funding Summary		<u>Use of Funds</u> A previous allocation of Federal SAFETEA-LU funds was used to initiate planning of a north station entrance for the Eisenhower Metrorail station. A Documented Categorical Exclusion (DCE) was developed following the National Environmental Policy Act guidelines. The DCE was conducted as a reimbursable project by the Washington Metropolitan Transit Authority (WMATA). Previously allocated funds were used to pay the consultant for their work on the planning document. The requested allocation will be used to reimburse WMATA for its prior project management and indirect cost expenses.			
Total Approved Project Funding To-Date	\$1,442,203	During a February 2011 work session, City Council removed funding for the project from the 10-year plan and no further work was completed. The City received a bill from WMATA in August 2013 and has been assured that this is the final bill for any project-related expenses. There are federal restrictions regarding how the remaining funds will be used. The project balance \$1,213,677 will therefore be applied to the South Eisenhower Metrorail Station area improvement project, pending Federal Transit Administration approval.			
Total Project Allocations	\$200,000				
Current Allocation Request	\$28,526				
*Remaining Unallocated Project Balance	\$1,213,677				
Total Project Budget Including CIP Out-Years	\$1,442,203	<u>Project Background</u> From FY 2006 through FY 2009, the City received \$3,853,629 in SAFETEA-LU funding for improvements at the Eisenhower Metrorail station. The earmarks the City received in FY2006 and FY 2007 were to be used to fund the environmental work and final design for a new station entrance north of Eisenhower Avenue. The FY 2008 and FY 2009 earmarks, were dedicated for the design and construction of station area improvements at the existing south station entrance. The design of the south station entrance improvements is ongoing.			

**Remaining balance to be applied to the South Eisenhower Metrorail project, pending Federal Transit Administration approval.*

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Ongoing Maintenance Program (Category 1 Title)		CIP Section & Page	Allocation Request	Munis ORG	Munis Project #
Geographic Information Systems (GIS) Development		Information Technology – p. 14-63 (FY 2014 Approved CIP)	\$190,000 (Cash Capital)	55211948	20047
Program Funding Summary		<u>Use of Funds</u> The requested allocation of \$190,000 will provide funding for the following initiatives: <ul style="list-style-type: none"> • Purchase of new suite of web based GIS applications (\$150,000) – A vendor will be selected via RFP to create the codebase, a core set of custom source code files used to deploy the set of applications. The codebase helps create program sustainability by acting as a central repository for all related code, making it more efficient to extend and update. This suite of applications will be embedded throughout the City’s web site from this common core. Once the vendor and application is selected, on-site temporary staff is required to assist in the development and deployment phases. • GIS hardware needs (\$40,000): Most significantly, the GIS large format plotter and scanner are nearing the end of life and will need replacement during this fiscal year. 			
Prior Year Unallocated Balance	\$100,000	<u>Project History / Background</u> The City’s GIS is used by virtually every department in the City and the public to analyze and visualize vast amounts of information. In FY 2012 GIS completed a five-year (FY 2013 – FY 2017) GIS Strategic Plan. Planned funding will be used to implement projects identified as priorities in the year two workplan. The specific workplan project that has been scoped and is ready to move forward with this request is referred to as “Public Facing GIS Applications” in the GIS Strategic Plan, more simply this is the rewriting and expanded deployment of the City’s GIS web applications. The current suite of applications were developed 11 years ago, and the technology they were built on is now obsolete.			
FY 2014 Program Budget	\$160,000				
Total Fiscal Year Allocations to Date	\$0				
Current Allocation Request	\$190,000				
Remaining Unallocated Project Balance	\$70,000				