



Finance & Administration Committee

Fiscal Year 2012

Capital Progress Report

**Quarter 1
September 2011**



Washington Metropolitan Area Transit Authority

1st Quarter Report for the FY2012 Capital Program

Period of July 1, 2011 through September 30, 2011

Report Dated: November 15, 2011

As Required by the June 2010 Capital Funding Agreement Among:

The State of Maryland,
The District of Columbia,
Arlington County, Virginia,
Fairfax County, Virginia,
The City of Alexandria, Virginia,
The City of Fairfax, Virginia,
The City of Falls Church, Virginia,
and
The Washington Metropolitan Area Transit Authority



Capital Program Report

1st Quarter FY2012

Sources of Funds (Millions)

	Expenditure-Based Year to Date Sources of Funds			
	Budget	Awarded	Received	To be Rec.
FY2011 CIP	\$844	n/a	\$213	\$631
FY2012 CIP	\$889	\$277	\$178	\$711

	Obligation-Based to Date Sources of Funds			
	Budget	Awarded	Received	To be Rec.
Safety & Security	\$57	\$57	\$0	\$57
ARRA	\$56	\$56	\$21	\$35
Reimbursable	\$100	\$100	\$11	\$90
Total	\$213	\$213	\$32	\$181

Uses of Funds (Millions)

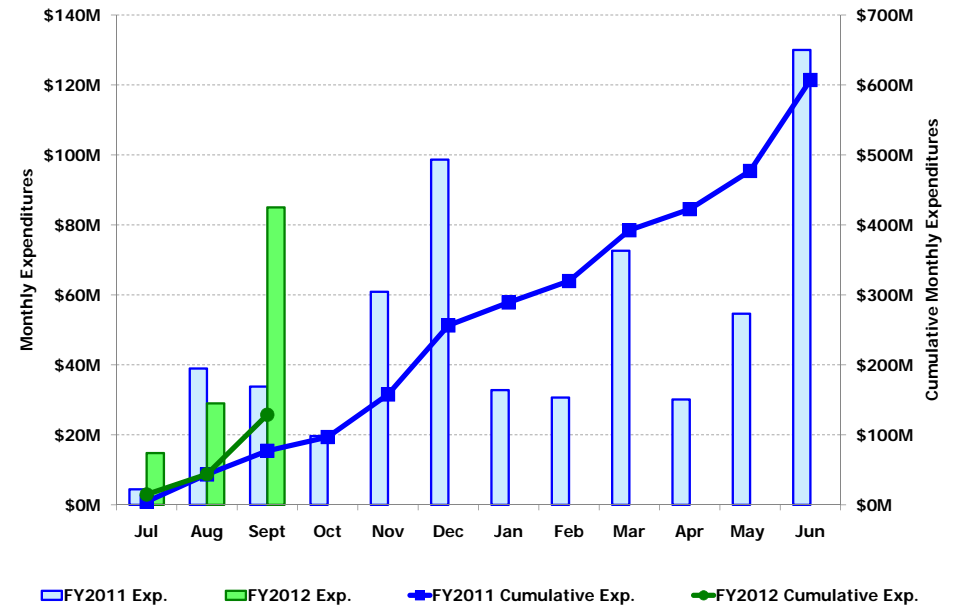
	Expenditure-Based Year to Date Uses of Funds				
	Budget	Obligated	Expended	Obl. Rate	Exp. Rate
FY2011 CIP	\$844	\$344	\$77	41%	9%
FY2012 CIP	\$889	\$493	\$130	55%	15%

	Obligation-Based to Date Uses of Funds				
	Budget	Obligated	Expended	Obl. Rate	Exp. Rate
Safety & Security	\$57	\$3	\$0	6%	1%
ARRA	\$56	\$55	\$27	98%	48%
Reimbursable	\$100	\$98	\$14	97%	14%
Total	\$213	\$155	\$42	73%	20%

Capital Program Highlights

- We have expended \$53 million more this year compared to the same period in FY2011.
- The FY2012 Capital Improvement Program had a thirty-four percent increase in obligation rate and a sixty-seven percent increase in expenditure rate when compared to the first quarter of FY2011.
- All 52 of the FY2011 Buses have been received. In addition, 28 of the 100 replacement buses scheduled for FY2012 have been received.
- Major repairs were completed on escalators at the Dupont Circle (2), Federal Triangle, Fort Totten, McPherson Square (2), College Park-U of MD, Huntington, and Metro Center Metrorail stations.
- In addition, rehabilitations were completed on escalators at the Dupont Circle, Judiciary Square, Farragut North, Franconia-Springfield, Gallery Pl-Chinatown, Foggy Bottom-GWU, Metro Center (2), and Wheaton Metrorail stations.
- Continued red line rehabilitation between Dupont Circle and Silver Spring stations.
- Approximately \$17 million in capital expenses were incorrectly coded to the operating budget in August and July. These expenses will be transferred to capital program during second quarter.

CIP Expenditures (Millions)



Capital Budget Reprogramming Status

There was no capital reprogramming in FY2012 Q1.



HR Vacancy Report

1st Quarter FY2012

Capital Vacancies

	Approved	Vacant	Vacancy Rate	Discussion
Total Capital Positions	1,019	188	18%	
Departments with a large number of vacancies:				
Transit Infra. & Engineering Services	767	127	17%	
Information Technology	37	25	68%	In FY2011, converted contract positions to full-time positions
Procurement Capital Support	24	24	100%	New section within the office of procurement in FY2012

Capital Vacancy Trend





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Executive Summary

This is the first regular quarterly progress report for the WMATA Capital Improvement Program (CIP) in FY2012. A requirement of the June 2010 Capital Funding Agreement, this report summarizes budget and cash flow performance, forecasts expenditure requirements through Fiscal Year 2013, and provides an update on the jurisdictional billing process for the third quarter of FY2012.

Progress During the Quarter (see Section 2)

- The Program Management Information System (PMIS) system capabilities have been used to report progress and forecast information for CIP, ARRA, Safety and Security and Reimbursable projects, and were expanded to contain a Plan of Contracts database that will be monitoring and tracking procurement actions.
- Progress was made in the development of a Program Strategy Manual, a high level program delivery manual that will offer project managers flowcharts and detailed descriptions of all processes involved in the capital project delivery lifecycle.
- The delivery of Metrobus and MetroAccess vehicles continued with the cumulative delivery of 28 New Flyer Hybrid-Electric buses through September 30, 2011 and the beginning of production of 221 MetroAccess vehicles. In addition, manufacturing of 51 bus rapid transit style hybrid/electric buses scheduled for delivery to WMATA in FY2012 was started.
- Significant efforts continue in repairing and modernizing elevators and escalators, enhancing Metro stations, improving track and structures and improving maintenance facilities throughout the Metrorail system. Notable Q1 accomplishments include the following:
 - *Major repairs were completed on escalators at the College Park-U of MD, Huntington, Dupont Circle, Federal Triangle, Fort Totten, Metro Center, and McPherson Square Metrorail stations.*
 - *Rehabilitation/modernizations were started and are ongoing on escalators at the Judiciary Square (1 entrance), Union Station, Wheaton, Foggy Bottom-GWU, Metro Center (1 entrance), Farragut North, Dupont Circle, Arlington Cemetery, and Federal Center Metrorail stations.*
 - *Rehabilitation/modernizations were completed on escalators at the Foggy Bottom-GWU, Metro Center (2 entrances), Wheaton, Dupont Circle, Franconia-Springfield, Gallery Pl-Chinatown, Judiciary Square, and Farragut North Metrorail stations.*
 - *Station rehabilitation was completed at Southern Avenue (mini), Farragut North, Dupont Circle, Tenleytown-AU, Congress Heights, Rhode Island Ave-Brentwood, Arlington Cemetery, Silver Spring (mini), Takoma (mini), Naylor Road (mini), Suitland (mini), Branch Avenue (mini), Minnesota Avenue, and Deanwood Metrorail stations.*

- *New rail installations, tunnel leak repairs, tie and fastener replacements, communication cable installations on 23 elevators and 10 escalators at Rockville to Bethesda, and 12 elevators and seven escalators at Fort Totten to Glenmont were completed.*
- The FY2011 Annual Reconciliation Report and the Updated FY2013-2018 CIP were under development.
- An addendum to the Capital Needs Inventory (CNI), which was last published in 2009, is currently in production.
- FY2012 Q1 CIP expenditures totaled \$130.1 million.
 - *Relative to the FY2012 approved budget amount of \$888.9 million (excluding FY2011 rollover, which totals \$153.1 million), 15% of the budget has been spent.*
 - *Relative to the FY2012 annual forecast of \$912.6 million introduced in the FY2011 3rd Quarter Report (the last published quarterly forecast), 14% of the forecast has been spent. Spending for FY2012 Q1 was \$64.9 million below forecast.*
- In comparing the FY2012 performance of the CIP to the FY2011 performance, Metro has experienced significant growth in expenditures on a YTD basis through September of FY2012:
 - *CIP expenditures, totaling \$130.1 million through September of FY2012, are \$53 million higher or 69% greater than the \$77.2 million spent through September of FY2011.*
- Per a variance analysis of the 10 projects behind the 3rd Quarter Report forecast by \$2 million or more for the quarter (representing 80% of the total \$64.9 million FY2012 Q1 cash flow variance), a significant portion of the current expenditure shortfall is expected to be recovered over the next year.

Current FY2012 and FY2013 CIP Expenditure Forecast (See Section 3)

- Per updated budget and cash flow forecasts from each project manager, total CIP expenditures for FY2012 and FY2013 are projected to be \$917.0 million and \$989.1 million, respectively.
 - *The current CIP forecast of \$917.0 million for FY2012 represents an increase of \$4.5 million relative to the 3rd Quarter report forecast and an increase of \$28.1 million relative to the FY2012 Approved Budget.*
 - *A significant portion of the delayed CIP spending can potentially be offset by increased spending in FY2012 and FY2013.*
- Project risks to achieve current FY2012 CIP spending targets have been identified by project and program managers.
 - *There is the potential for further delayed spending during FY2012 of \$65 million to \$110 million.*
 - *Project and program managers are working together to mitigate these risks wherever possible.*



3rd Quarter FY2012 Jurisdictional Bills (see Section 4)

- The FY2012 Q3 quarter jurisdictional bill is based on the forecast provided with this Quarterly update.

Next Quarter Look Ahead (see Section 5)

Additional steps planned during the next three months to improve quarterly reporting include:

- additional details will be incorporated into the Master Summary Schedule including subproject schedules. Detailed schedules for projects requiring track access will be developed;
- project controls support staff will be added to develop more thorough scope, schedule, and budget analyses for capital projects;
- the Project Management Information System will be enhanced to include portfolio views for department managers and the tracking of additional procurement activities;
- Development of standard procedures and guidelines for cost estimating development, and provision of training to Project Managers;
- additional reporting refinements;
- publication of a draft Program Strategy Manual and the rollout of regular PM Training; and
- development of a Project Implementation Manual (former Resident Engineers' Manual).

Safety & Security, ARRA, and Reimbursable Capital Program Expenditures (see Section 6)

- Since inception (including expenditures prior to FY2012) and through the end of FY2012 Q1, \$4.5 million, or 7%, of the \$61.0 million Safety & Security capital program has been expended.
- Since inception (including expenditures prior to FY2012) and through the end of FY2012 Q1, \$173.1 million, or 86%, of the \$201.8 million ARRA capital program has been expended.
- Since inception (including expenditures prior to FY2012) and through the end of FY2012 Q1, \$1,310.5 million, or 71%, of the \$1,851.3 million Reimbursable capital program has been expended.



1. Introduction

In June 2010, the Metro Board of Directors approved the Capital Funding Agreement that replaced the previous capital funding program Metro Matters. As a part of the Capital Funding Agreement, Metro is required to prepare a report to the Contributing Jurisdictions on the performance of the CIP for the preceding quarter¹. This report represents the next iteration of this quarterly reporting process.

In a manner similar to the previous Quarterly Reports, the following data was gathered to form this report:

- Actual expenditures through September 30, 2011;
- Documentation of key issues affecting performance when actual expenditures are \$2 million or more below the *3rd Quarter Report* (dated 05/15/2011) forecast for the quarter; and
- FY2012 Q3 billing assumptions and process.

This quarterly report is the result of assembling, reviewing and analyzing these key inputs received to date and outlines the next steps that will be employed over the coming quarter to improve the analysis, forecasting and reporting of the CIP.

¹ Per Capital Funding Agreement approved June 2010, Section 4(b)(5) "Quarterly Reports" on page 23.



2. CIP Progress During the Quarter

The four core aspects to the quarterly progress report include:

- significant milestones/accomplishments for the quarter,
- expenditure performance relative to forecast,
- a variance analysis for projects with expenditures over/under \$2 million in comparison to the 3rd Quarter Report forecast, and
- a financial update including status of funding received and amounts disbursed.

Milestones and Accomplishments this Quarter

Program-wide Accomplishments:

The CIP management and support team completed the following activities during the quarter:

- As a result of the Board action on June 23, 2011 delegating authority to the General Manager for procurement actions (contract initiation, award and modifications if within approved budget) as well as expanded reprogramming authority (generally up to a cumulative 5% of the approved capital budget), management continued to implement process improvements and training activities for capital program delivery team members including:
 - *Refinements to the WMATA procurement process, including streamlined review/approval steps and procedures, while maintaining the integrity of the process, to ensure efficient project delivery.*
 - *Amended the WMATA reprogramming process including the formation of a centralized Capital Program Management Team responsible in part for the review of reprogramming requests and providing recommendations to the General Manager. This supports faster and more efficient programmatic decision making. This team initiated meetings and reprogramming recommendations to the General Manager during the quarter.*
 - *Completion of a Plan of Contracts database that will be monitoring and tracking procurement actions to support enhanced management and reporting. The database is now contained within the internet-based Project Management Information System (PMIS).*
 - *Updates to key internal procurement manuals, including the Procurement Procedures Manual, were incorporated and circulated for review.*
 - *Updates to the Project Implementation Manual (formerly Resident Engineer's Manual) were initiated and updated sections were circulated for review.*



- The internet-based and centralized Project Management Information System (PMIS) has now been utilized to gather and report progress and forecast information for CIP, ARRA, Safety & Security and Reimbursable projects for 3 months. A Plan of Contracts module has been added that provides greater visibility of ongoing procurement actions.
 - *There are approximately 300 PMIS users, an increase of 130 from the previous quarter.*
- The FY2011 Annual Reconciliation Report was developed, in accordance with the terms of the Capital Funding Agreement (CFA) with the jurisdictions. This report will include reconciled actual and planned financial transactions for major revenue and expenditure items for fiscal year 2011.
- The Updated FY2013-2018 CIP was developed, including existing and new projects forecast to be in the 6-year capital program. The Updated FY2013-2018 Capital Improvement Program will be comprised of 116 active projects totaling \$5.2 billion.
- An addendum to the Capital Needs Inventory (CNI), which was last published in 2009, is currently in production. This addendum will include all of WMATA's capital improvements required through FY2020. A prioritization of new capital needs identified through this update was conducted using DecisionLens® and projects were included in the updated FY2013 - FY2018 CIP. Included in these seven projects is a project for Escalator Replacement, which was deemed the most critical need for the system by the WMATA Capital Planning Technical Team. These projects have also been included in the current expenditure forecast.
- WMATA continued to develop and review workflows associated with the planning, design, procurement, construction and closeout of capital projects. These workflows will be memorialized in a Program Strategy Manual, which will serve as a guide to WMATA Project Managers. A draft of this manual will be prepared for internal review and refinement in October.
- The Program Support team continued to evaluate the scope, schedule, cost and project delivery risks for the CIP, ARRA, Safety & Security, and Reimbursable projects. The Program Support team began transitioning the responsibility for evaluation of scope, schedule and costs to WMATA employees.
 - *Reviewed higher priority project activities planned for FY2012 to evaluate planned activities relative to expenditure forecasts.*
- Continued placement of staffing resources to support key capital program delivery activities such as project management and quality audit support for the Dulles Extension, contract administration support, estimating support, inspection support, engineering support for the Orange-Blue Line rehabilitation program, and engineering support to the Bus1 rehabilitation program.

Board-Level Project Accomplishments:

- WMATA's FY2012 5307 Urbanized Area Formula Funds Grant was awarded in September 2011 in the amount of \$160,737,569 (\$128,590,055 federal share and \$32,147,514 local share). The major projects include the purchase of replacement buses, replacement paratransit vans, and service vehicles, rehabilitation of buses rehabilitation and replacement of bus garages, renovation of maintenance facility, construction and improvements of bicycle facilities, purchase bicycle racks and bicycle locker equipment,



preventive maintenance projects, track repair projects, rehabilitate or renovate rail stations, and engineering and design projects and studies.

- WMATA's FY2012 list of PRIIA projects was approved in September 2011. The major projects include procurement of 7000 Series replacement rail cars, rehabilitation of rail cars; renovation of rail shops and facilities, replacement of bus facility equipment, funding of track repair programs, purchase of rail equipment and bus monitoring devices, and the funding of design, engineering, and third party contract costs. A grant application in the amount of \$299,400,988 (\$149,700,494 federal share and \$149,700,494 local share) is currently being reviewed by FTA.

Procurement Activity

A Plan of Contracts database is now operational. Applicable staff was trained to utilize the database at the conclusion of the quarter. A full update on procurement activity will be provided in the next quarterly report.

Reprogramming Activity

There was no capital reprogramming in FY2012 Q1.

HR Vacancy Activity

WMATA is approved for 1,019 capital positions. Of those, there are currently 188 vacancies, representing 18% of the total approved capital positions. Departments with a large number of vacancies include Transit Infrastructure and Engineering Services (767 positions approved, 127 vacant), Information Technology (37 positions approved, 25 vacant), Procurement Capital Support (24 positions approved, 24 vacant), and Bus Heavy Overhaul Maintenance (158 positions approved, 26 vacant). It should be noted that in FY2011, Information Technology converted contract positions to full-time positions and Procurement Capital Support is a new section within the procurement office for FY2012.

Rolling Stock Replacement and Rehabilitation Accomplishments:

- *Metrobus*
 - FY2012 New Flyer Hybrid-Electric buses: Full production of 100 replacement buses began this spring. As of September 30, 2011, 28 of the replacement buses had been received.
 - FY2012 Bus Rapid Transit (BRT) buses: Commenced manufacturing of 51 thirty foot BRT style (diesel and hybrid/electric) buses scheduled for delivery to WMATA in FY2012.



- *MetroAccess*
 - MetroAccess currently operates a fleet of 600 paratransit vehicles with the procurement of 221 vehicles scheduled for FY2012.
- *Metrorail*
 - Rehabilitation, safety & reliability enhancement efforts of rail cars continued with the procurement and installation of 2000/3000 Series compressors (92 to date).
 - Emergency Exterior Door Release (EEDR); the installation of the EEDR for the 6000, 2000 and 3000 series cars will be completed within November 2011; 1000 series design is being tested and the design for the 4000 and 5000 series cars is being developed.
 - 5000 series Roll back is in the process of finalizing the design; completion is expected in the next quarter.

Elevators & Escalator Accomplishments:

- Major repairs were completed on escalators at the College Park-U of MD, Huntington, Dupont Circle, Federal Triangle, Fort Totten, Metro Center and McPherson Square Metrorail stations.
- Major repairs were started on elevators at the Congress Heights Metrorail station.
- Rehabilitation/modernizations were started and are ongoing on escalators at the Judiciary Square (1 entrance), Union Station, Wheaton, Foggy Bottom-GWU, Metro Center (1 entrance), Farragut North, Dupont Circle, Arlington Cemetery, and Federal Center Metrorail stations.
- Rehabilitation/modernizations were completed on escalators at the Foggy Bottom-GWU, Metro Center, Wheaton, Dupont Circle, Franconia-Springfield, Gallery PI-Chinatown, Judiciary Square, and Farragut North Metrorail stations.

Station Rehabilitation Accomplishments: Note that, in general, mini station rehabilitations entail the cleaning of public areas including painting walls, polishing floors, fixing railings, and performing other miscellaneous tasks to improve the general appearance of the stations. Major rehabilitations entail more thorough cleaning of both public and non-public areas, including pressure washing all concrete surfaces, fixing broken pavers, painting doors, ceilings, coffers and acoustical panels in the ceilings, cleaning and painting back rooms and all concrete surfaces.

- *Started:* Eastern Market (mini), Stadium-Armory (mini), Columbia Heights (mini), Arlington Cemetery, Greenbelt, New York Ave-Florida Ave-Gallaudet U, and Grosvenor-Strathmore Metrorail stations



- *Completed:* Southern Avenue (mini), Farragut North, Dupont Circle, Tenleytown-AU, Congress Heights, Rhode Island Ave-Brentwood, Arlington Cemetery, Silver Spring (mini), Takoma (mini), Naylor Road (mini), Suitland (mini), Branch Avenue (mini), Minnesota Avenue, and Deanwood Metrorail stations

Track and Structures Maintenance Accomplishments:

- *Overall System Improvements*
 - Removed and replaced 3.5 miles of running rail
 - Removed and replaced 5,498 direct fixation fasteners
 - Removed and replaced 5,434 cross ties
 - Retrofitted 1,175 linear feet of floating slabs
 - Removed and replaced 3,316 insulators
 - Tamped 18 miles of ballasted track
 - Rehabilitated 4,372 linear feet of grout pads
 - Welded 404 open weld joints
- *Red Line*
 - Bridge rehabilitation, rail and tie renewal at New York Ave-Florida Ave-Gallaudet U to Rhode Island Ave-Brentwood
 - Rail surface smoothing at New York Ave-Florida Ave-Gallaudet U to Fort Totten
 - Tracks were upgraded and fasteners were replaced at Van Ness-UDC and Friendship Heights Metrorail stations
 - Platform rehabilitation work and repairs from the Grosvenor-Strathmore to Twinbrook Metrorail stations
 - Rail renewal and tunnel leak repairs between Friendship Heights and Grosvenor-Strathmore
 - Rail and infrastructure renewal work between Shady Grove and Twinbrook
 - New rail installations, tunnel leak repairs, tie and fastener replacements, communication cable installations on 23 elevators and 10 escalators at Rockville to Bethesda, and 12 elevators and seven escalators at Fort Totten to Glenmont
 - Train control replacements, cable installation, tie renewal and station upgrades at Takoma and Forest Glen Metrorail stations
 - Utility work, ceiling repairs, replacement of rail fasteners, and installation of emergency phones and communications cables at Farragut North station
- *Blue and Orange Lines*
 - Installation of new rail and related infrastructure and replacement of rail fasteners between Eastern Market and Stadium-Armory
 - Replacement of cross ties and insulators between Vienna/Fairfax-GMU and West Falls Church-VT/UVA



- *Blue Line*
 - Floating slab repairs and replacements at Addison Road-Seat Pleasant to Stadium-Armory Metrorail stations
 - New rail installation and track work at Braddock Road to Van Dorn Metrorail stations
 - Bridge replacement work at Van Dorn Street to Franconia-Springfield
 - Rail renewal work at Arlington Cemetery to Pentagon City
 - Installation of new rail between Franconia-Springfield and Van Dorn Street

- *Orange Line*
 - Rail and tie renewal at Vienna/Fairfax-GMU to West Falls Church-VT/UVA Metrorail stations
 - Rail renewal at Cheverly and New Carrollton
 - New rail line construction at East Falls Church to West Falls Church-VT/UVA
 - Cross tie and insulator replacements at Vienna/Fairfax-GMU to West Falls Church-VT/UVA
 - Extended Cheverly abutment and adjusted track alignment.

- *Green Line*
 - Installation of new rail and related infrastructure between Greenbelt and College Park-U of MD
 - Rail renewal between Naylor Road and Branch Ave
 - Prep work for switch replacement between Mt Vernon Sq 7th St-Convention Center and Georgia Ave-Petworth
 - Replace rail fasteners between Southern Avenue and Naylor Road
 - Track repairs from the Navy Yard to Anacostia Metrorail stations

- *Yellow Line*
 - Track repairs from the Pentagon City to L'Enfant Plaza Metrorail stations
 - Track repairs from the Huntington to Braddock Road Metrorail stations
 - Special inspection of the Yellow Line Bridge between Huntington and Stadium Armory

Bus Facilities Accomplishments:

- Construction of heating boiler plant at Four Mile Run Bus Garage is complete.
- Western Bus Garage Facilities have been turned over to WMATA for use. Remaining work includes the final installation of lockers that were not delivered with the original shipment and minor punch list items.



Information Technology (IT) Accomplishments:

- Bus and Rail Asset Management Software – Kicked off implementation of Maximo 7, Metro’s asset and work management tracking system for operations of bus and rail.
- Bus Operations Support Software – began installation of operating system and Fleetwatch yard installation.
- Network and Communications – Acquired and deployed network equipment as required for new installations. Began surveys of Western Bus and New Carrollton Yard in preparation for conversion to new network and telephone system. Began surveys and cabling of West falls Church and Glenmont yards conversion to Metronet. Began surveys and cabling for Southern, Four Mile and Royal Street Bus Garages.
- Converted the entire rail system to the new Avaya phone system in August.
- Launch of enhanced SmarTrip web application with ability to add value and products to SmarTrip and Charm cards online.
- Implemented ability for MTA customers to purchase MTA passes online.
- Continued implementation of the PeopleSoft 9.1 financial system.

Master Schedule Accomplishments:

The Master Schedule was updated through September 30, 2011, with progress information provided by WMATA Project Managers via the PMIS interface. The Master Schedule includes schedules for all capital programs, including American Recovery and Reinvestment Act (ARRA) projects, Safety and Security projects and many of the active Reimbursable capital projects. Additional details are added to these schedules as required.

Appendix F provides the FY2012 1st Quarter Master Schedule summary.

Other Accomplishments During the Period:

Additional systemwide accomplishments include the following:



1st Quarter Project Systemwide Accomplishments

CIP #	Project Name	FY2012 1st Quarter Accomplishments
CIP 009	Service Vehicle Replacement	First of FY11 vehicles arrived, and was placed into service.
CIP 010	Environmental Compliance Projects	Performed compliance upgrade at Western and Northern Bus Garage. Disposed of three ASTs at the New Carrollton Rail Yard.
CIP 020	Replacement of Rail Track Signage	Procured and installed 340 roadway signs of various dimensions and types.
CIP 021	Track Pad/Shock Absorber Rehabilitation	Rehabilitated 4,372 linear feet of grout pads on Rhode Island Avenue, Grosvenor, Landover, D&G, Cheverly & Eisenhower Aerials. Awarded contract for prime mover, flatcar and volumetric mixer. Retrofit the trackbed for the new direct fixation fasteners and switch machines, and procure cement material.
CIP 022	Track Structural Rehabilitation	Rehabilitated 166 bridge anchor bolts; 1,717 linear feet of deck joints; 502 square feet of deteriorated concrete.
CIP 025	Track Maintenance Equipment	Awarded contracts for flatcars and FY 2013 prime movers.
CIP 027	Switch Machine Rehabilitation Project	Prepped four M-3 switch machines C98, retrofit and prepped four switches for the E-03 retrofit. Completed the reconfiguration on one M-3 switch machine and continued retooling and added a gas line to the rebuild shop, painted 3 of the 4 shop work areas, cleared approximately all of the equipment/material from the COMM storage cage and continued re-tooling.
CIP 035	Bicycle & Pedestrian Facilities: Capacity Improvements	Installed cameras and call-boxes along Greenbelt/College Park path and at College Park bike parking - post office side.
CIP 036	Replacement of Bicycle Racks & Lockers	Completed rack replacement/installs at Greenbelt, Smithsonian, National Airport, Rockville, Twinbrook, Glenmont & Southern Ave. Replaced all old style racks.
CIP 052	Network and Communications	1. Acquire and deploy network equipment as required for new site installations and all forms of network maintenance 2. Begin surveys and cabling of Western BUS and New Carrollton Yard in preparation for the conversion to new network and telephone system 3. Continue network component retrofit and maintenance activities. 4. Begin surveys and cabling of West Falls Church and Glenmont Rail Yards cabling and Metronet conversion. 5. Complete Kiosk upgrades and migration of all Rail stations telephones to Metronet.
CIP 065	Geometry Vehicle	Completed Vehicle Frame and Body Construction. Inspected car body and frame, and started vehicle assembly.
CIP 077	8-Car Train Power Upgrades	Completed the installation and testing of the Training Simulator.
CIP 119	Bus Garage Facility Repairs Tier 1: Western, Northern and Landover	Construction of Four Mile Run heating boiler plant is complete, and testing is in progress.



Cumulative Fiscal Year to Date Actual CIP Expenditures Compared to Approved FY2012 Budget

As shown in Appendix A-1 and summarized in the table below, for the quarter ending September 30, 2011, Metro expended \$130.1 million. The total spending year to date is 15% of the total FY2012 Approved Budget of \$888.9 million. It should be noted that the FY2012 Approved Budget of \$888.9 does not include FY2011 rollover, which totals \$153.1 million.

Quarterly CIP Expenditure Performance Relative to Approved FY2012 Budget (all figures in thousands)

Capital Improvement Program Group	Actual Expenditures		Annual Statistics		
	1st Quarter	Total	Approved FY2012 Budget*	Actuals YTD as a % of Annual Budget	FY2012 Budget Remaining
A. Vehicles/Vehicle Parts	\$ 49,082	\$ 49,082	\$ 234,330	20.9%	\$ 185,248
B. Rail System Infrastructure Rehabilitation	19,154	19,154	90,133	21.3%	70,979
C. Maintenance Facilities	7,388	7,388	162,540	4.5%	155,152
D. Systems and Technology	15,549	15,549	69,428	22.4%	53,879
E. Track and Structures	14,177	14,177	68,918	20.6%	54,741
F. Passenger Facilities	10,470	10,470	103,706	10.1%	93,235
G. Maintenance Equipment	5,341	5,341	148,037	3.6%	142,696
H. Other Facilities	8,431	8,431	6,416	131.4%	(2,015)
I. Program Management/Credit Facility	537	537	5,390	10.0%	4,853
Grand Total	\$ 130,129	\$ 130,129	\$ 888,898	14.6%	\$ 758,769

*Does not include \$153.2 million in FY2011 Rollover

FY2012 1st Quarter Actual CIP Expenditures Compared to the FY2011 3rd Quarter Report Forecast (dated 5/15/2011)

For the purposes of comparison, the current project cashflow forecast is compared to the 3rd Quarter Report for the FY2011 Capital Improvement Program forecast, which was the last forecast published. The current forecast is also presented versus the approved budget. The subsequent 2nd Quarter Report for the FY2012 Capital Improvement Program forecast will be compared to the Draft FY2013 Annual Work Plan, which will be published in December of 2011.

On May 15, 2011, Metro published the 3rd Quarter Report for the FY2011 Capital Improvement Program that updated program expenditure forecasts for FY2011 and FY2012. As part of that update, FY2011 projected expenditures were reduced from those reported in the Draft FY2012 Annual Work Plan (AWP) and the 2nd Quarter Report for the FY2011 Capital Improvement Program, which were dated December



15, 2010, and February 15, 2011, respectively, to address projected under spending in FY2011. As a result of the adjustments, the forecasted FY2012 expenditures increased from \$851.1 million in the AWP to \$912.6 million in the 3rd Quarter Report.

As shown in Appendix A-2 and summarized in the table below, for the quarter ending September 30, 2011, total spending year to date of \$130.1 million represents 14% of total FY2012 forecasted expenditures as defined by the 3rd Quarter Report. Relative to the quarterly cash flow forecast developed for the 3rd Quarter Report, cumulative spending through September 30, 2011, achieved 67% of the 3rd Quarter Report forecast through the same period.

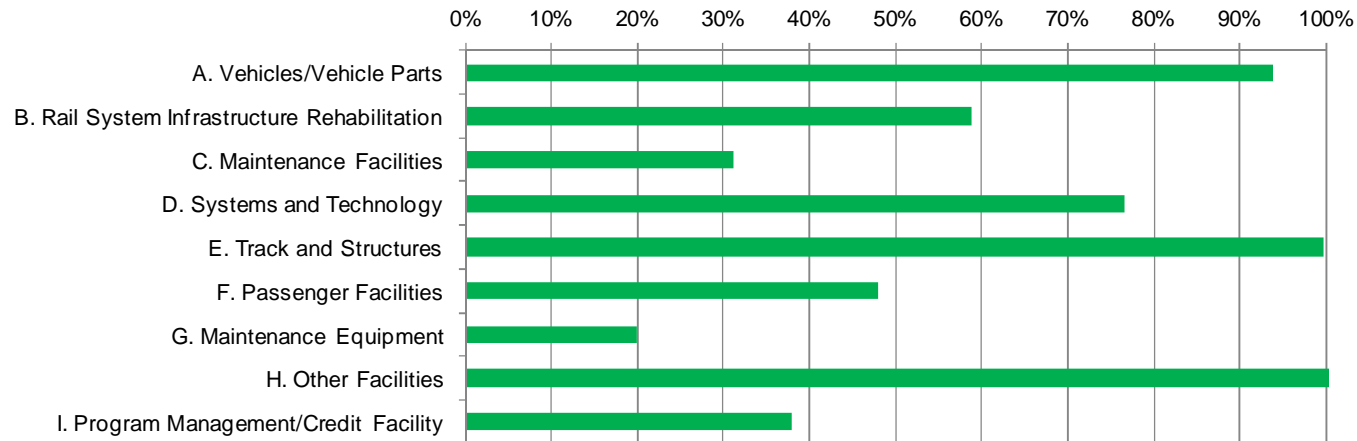
Quarterly CIP Expenditure Performance Relative to FY2011 Forecast in the 3rd Quarter Report
(all figures in thousands)

Capital Improvement Program Group	Actual Expenditures		Annual Statistics			Quarterly Performance		
	1st Quarter	Total	3rd Quarter Report Forecast dated 5/15/2011	Actuals YTD as a % of 3rd Quarter Report FY11 Forecast	Remaining Expenditures (as per 3rd Quarter Report FY11 Forecast)	FY12 1st Qtr Forecast (as per 3rd Qtr Report)	Actual as a % of Forecast	1st Qtr Variance (under)/over
A. Vehicles/Vehicle Parts	\$ 49,082	\$ 49,082	\$ 234,806	20.9%	\$ 185,724	\$ 52,361	93.7%	\$ (3,279)
B. Rail System Infrastructure Rehabilitation	19,154	19,154	131,323	14.6%	112,169	32,505	58.9%	\$ (13,351)
C. Maintenance Facilities	7,388	7,388	141,816	5.2%	134,428	23,745	31.1%	\$ (16,357)
D. Systems and Technology	15,549	15,549	78,016	19.9%	62,467	20,297	76.6%	\$ (4,748)
E. Track and Structures	14,177	14,177	66,794	21.2%	52,617	14,212	99.8%	\$ (35)
F. Passenger Facilities	10,470	10,470	98,368	10.6%	87,898	21,783	48.1%	\$ (11,312)
G. Maintenance Equipment	5,341	5,341	147,559	3.6%	142,218	26,747	20.0%	\$ (21,406)
H. Other Facilities	8,431	8,431	8,224	102.5%	(206)	1,951	432.2%	\$ 6,480
I. Program Management/Credit Facility	537	537	5,661	9.5%	5,124	1,415	38.0%	\$ (878)
Grand Total	\$ 130,129	\$ 130,129	\$ 912,567	14.3%	\$ 782,438	\$ 195,016	66.7%	\$ (64,887)

As noted in the above table and the following graph, relative to the expected quarterly cash flow, actual expenditure performance for the program group types ranged from 20% of the forecast through the 1st quarter to a high of 432% of the forecast through the 1st quarter.



Quarterly Fiscal YTD CIP Actual Expenditures as a % of 3rd Quarter Report Forecast through FY2012 1st Quarter



Expenditure FY2012 CIP Performance Relative to FY2011 CIP Performance

To further gauge the performance to date this fiscal year, the following charts summarize the expenditure performance to date relative to FY2011 CIP expenditures on a monthly basis².

Comparison of FY2011 and FY2012 YTD CIP Expenditures as of the end of the First Quarter (all figures in millions)

	FY2011 Capital Improvement Program	FY2012 Capital Improvement Program	Increase (Decrease) from FY2011	% Change from FY2011
Cumulative Expenditures	\$ 77	\$ 130	\$ 53	69%

Cumulative expenditures are 69% higher versus a year ago. A primary driver of this increase was the progress made on the following three capital projects, which accounted for \$56.5 million, or 43.5%, of FY2012 Q1 expenditures:

- CIP0006, Bus Replacement, spent \$31.9 million in the delivery of FY2012 buses and the execution of a contract for the purchase of 51 30-foot BRT buses to be delivered between March and May 2012.

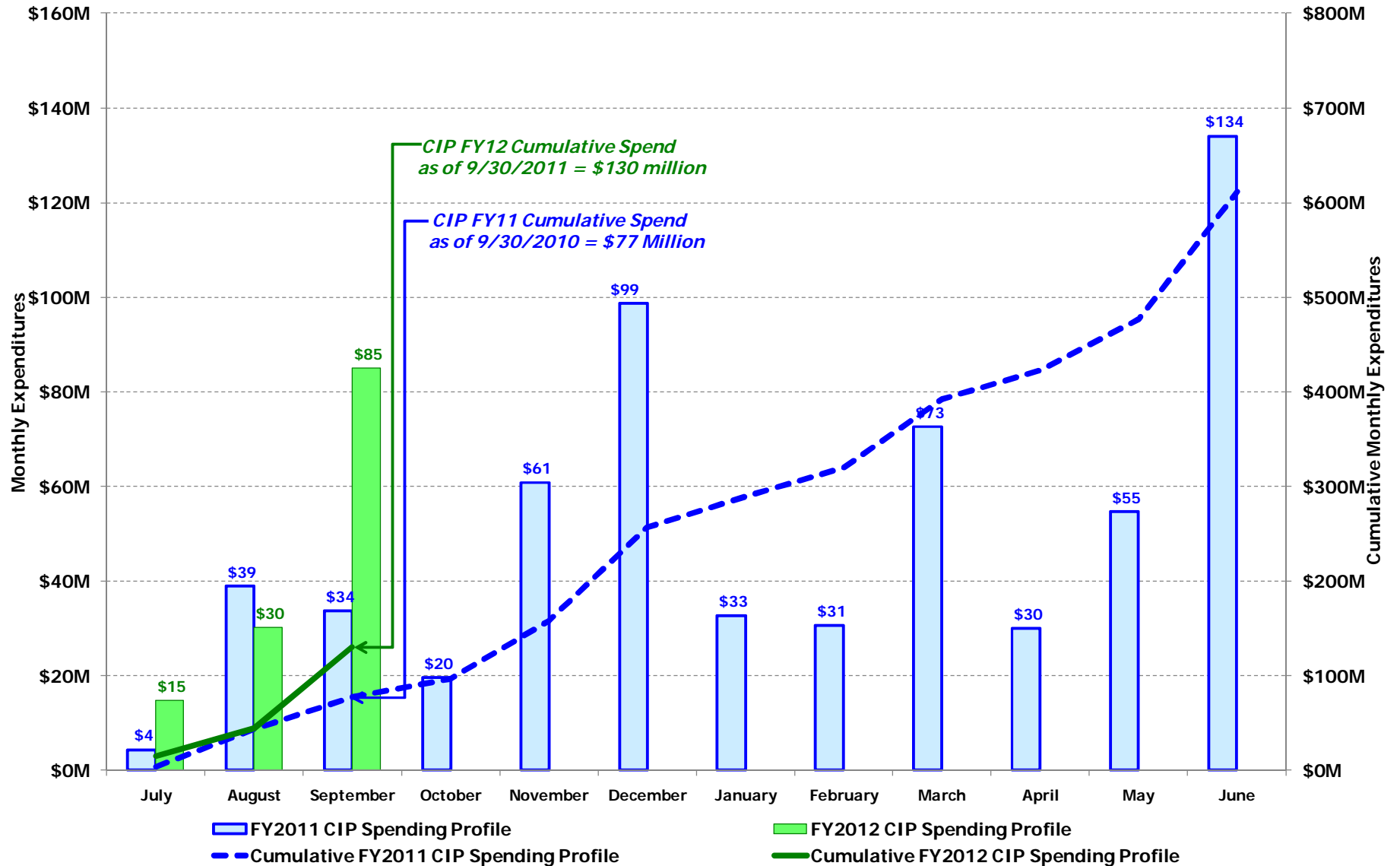
² This data excludes reimbursable, ARRA, and safety & security grant funded projects.



- CIP0107, Rail Rehabilitation Tier 1: Dupont to Silver Spring, spent \$14.5 million in the completion of ceiling tile installation at Union Station; structural rehab of Twinbrook and White Flint Station platforms; and the majority of ACM abatement at Farragut North Station, and
- CIP0024, Track Rehabilitation, spent \$10.1 million in the installation of approximately three (3) miles of running rail, three hundred eighty-six (386) direct fixation fasteners, four thousand two hundred twenty-three (4,223) cross ties, two thousand nine hundred seventy-one (2,971) third rail insulator, and four (4) turnouts.



Comparison of FY2011 and FY2012 Monthly Capital Spending (all figures in millions)





FY2012 1st Quarter CIP Project Variance Analysis: Issues and Impacts

As previously discussed (and summarized in Appendix A-2), the FY2012 Q1 expenditure variance (versus the 3rd Quarter Report Forecast) for the entire CIP program was \$64.8 million. For the quarter, there were 10 projects where the actual expenditure variance relative to the 3rd Quarter Report forecast was greater than \$2 million. These 10 projects account for \$52.2 million, 80% of the total variance. As summarized in Appendix B, each project's specific schedule/scope issue tends to result in a temporary project under spend through Q4 of FY2012; a majority of the underspending is expected to be recovered by the end of FY2013.



3. Current FY2012 CIP Expenditure Forecast

As a part of the quarterly reporting process, Metro project managers provide revised expenditure forecasts that reflect the latest understanding of scope, schedule, and budget changes that will ultimately impact the expenditure forecast. As detailed in Appendix C and summarized below, the current project manager expenditure forecast (highlighted in yellow) for FY2012 and FY2013 combined are generally on target, with the total variance 64.4 million above the forecast included in the 3rd Quarter Report. As such, due primarily to schedule adjustments and in some part scope adjustments, it is anticipated that a significant portion of the FY2011 underspending (which totals \$153.3 million) can potentially occur in FY2012 and FY2013.

Current Fiscal Year CIP Expenditure Forecast Compared to Budget (all figures in thousands)

Capital Improvement Program Group	FY2012				FY2013				FY12+FY13
	FY12 Approved Budget (6/23/2011)*	3rd Quarter Report FY12 Forecast (5/15/2011)	Current FY12 PM Forecast	3rd Qtr Report & Current FY12 Forecast Variance (Under)/Over	FY13 Forecast as per FY12 Approved Budget (6/23/2011)**	3rd Quarter Report FY13 Forecast (5/15/2011)	Current FY13 PM Forecast	3rd Qtr Report & Current FY13 Forecast Variance (Under)/Over	Total 3rd Qtr Report & Current Forecast Variance (Under)/Over
A. Vehicles/Vehicle Parts	\$ 234,330	\$ 234,806	\$ 269,154	\$ 34,348	\$ 189,417	\$ 202,119	\$ 185,869	\$ (16,250)	\$ 18,098
B. Rail System Infrastructure Rehabilitation	90,133	131,323	99,614	(31,709)	132,367	121,427	146,741	25,314	(6,395)
C. Maintenance Facilities	162,540	141,816	125,244	(16,572)	219,104	234,313	197,927	(36,386)	(52,958)
D. Systems and Technology	69,428	78,016	90,991	12,976	63,874	67,008	104,924	37,917	50,892
E. Track and Structures	68,918	66,794	80,937	14,143	57,969	56,735	84,635	27,900	42,043
F. Passenger Facilities	103,706	98,368	115,908	17,540	81,808	63,810	84,199	20,388	37,929
G. Maintenance Equipment	148,037	147,559	105,059	(42,500)	129,498	169,164	156,379	(12,785)	(55,285)
H. Other Facilities	6,416	8,224	25,345	17,121	21,573	8,558	22,390	13,831	30,953
I. Program Management/Credit Facility	5,390	5,661	4,783	(878)	6,000	6,000	6,000	-	(878)
Grand Total	\$ 888,898	\$ 912,567	\$ 917,037	\$ 4,469	\$ 929,710	\$ 929,134	\$ 989,065	\$ 59,930	\$ 64,400

*Does not include \$153.2 million in FY2011 Rollover

**Includes \$28.1 million in funding that is to be programmed

Risk Assessment of Current FY2012 Forecast

The program management team has reviewed key risks identified by PMs to achieve their current FY2012 spending targets, developed a risk register to define the risks, assigned probabilities to the risks and entered the risk register into PMIS. There is a risk potential for further delayed spending during FY2012 of \$65 million to \$110 million. Project and program managers are working together to mitigate these risks wherever possible.



4. FY2012 Q3 Jurisdictional Bills

The FY2012 3rd quarter bill will be provided under separate cover. It is based on the expenditure forecast provided as part of this quarterly update (dated November 15, 2011). The bill also includes a projection of jurisdictional bill amounts through the end of FY2013. As per the current forecast, the jurisdictional share of funds for FY2012 and FY2013 are projected to total \$310.5 million and \$343.2 million, respectively.

The state and local amounts due in the remainder of FY2012 were adjusted to account for amounts over-billed in FY2011 and in FY2012 Q1 and Q2. Bill amounts for FY2011 and FY2012 Q1 and Q2 were based on the FY2012 Annual Work Plan (dated December 15, 2010). The FY2011 forecast of total CIP expenditures as per the FY2012 AWP was \$753.9 million. The state and local share of this was \$261.0 million and was billed to the jurisdictions over the course of the year. With actual spending for FY2011 being at \$611.2 million, the remainder of \$142.7 million represents carry over funding (including billed but not spent local funding of \$43.1 million.) This available funding was subtracted out of the funding needs for FY2012 in order to avoid rebilling for amounts already billed. In addition, bill amounts for FY2012 Q1 and Q2 in excess of amounts as per the current PM forecast are credited to the jurisdictions in the FY2012 Q3 bill.



5. Next Quarter Look Ahead

As noted in the new Capital Funding Agreement³, Metro has been taking necessary steps to improve the quarterly reporting process and expenditure forecasting methodologies such that the content of the current report reflects full compliance with the Agreement requirements. Additional steps will be taken for further improvement. These steps include:

- Refinements to the Master Summary Schedule: Additional schedule detail will be added to key projects and these schedules will be cost loaded to enhance forecasting accuracy. Subproject schedules will be developed for projects that are funded out of the same CIP to improve ability to track activities at the subproject level. Master Schedule improvements for Reimbursable capital program projects will continue by adding schedules for active projects that have not achieved close-out status. Development of detailed schedules for projects requiring extensive track access will continue by coordinating track access needs with WMATA event schedules and with track access needs for concurrent projects.
- Continued Scope, Schedule, and Budget Refinement: More thorough technical analysis will be conducted by Project and Program Managers to better define project scope, schedule, and budget details, leading to enhanced expenditure forecasting capabilities.
- Continued roll-out of the Project Management Information System will include additional functionality, including reporting enhancements such as portfolio views for department managers. The Plan of Contracts data base recently added to PMIS will be refined such that procurement activities relative to design services, construction/implementation, contract modification and contract options can be separately tracked and reported. .
- Cost Estimating Standardization: An effort to develop standard cost estimating/forecasting practices throughout the entire agency will continue, including identification of all key project activities and allocation of appropriate contingency to address project risk. This will include documentation of budget necessary to deliver project scope which will serve as the basis for cost loaded schedules. Project Managers will subsequently be trained in this methodology, thereby ensuring more accurate and consistent forecasting and cost loaded schedule development.
- Additional Reporting Refinements: Reporting will be expanded to include an update on the status of contracts necessary for the implementation of capital contracts, review of key capital project scope and schedule changes, status of all revenue sources relative to the budget, and comparison of billed amounts to amounts actually paid out for the quarter.
- Updates to the Program Strategy Manual & PM Training: Management will review and roll out standardized workflows, forms and training to project managers and support staff. The workflows include the critical parts of the project lifecycle including project planning/concept

³ Per Capital Funding Agreement approved June 2010, Section 4(b)(4) "Transitional System for FY2011 Billings" on page 23.



development, funding approvals, design development, procurement, construction and closeout/commissioning. Training sessions will focus on procurement actions that have been modified since initial training was conducted, contract modification processes and planning/concept development for future projects.

- Development of Project Implementation Manual: The former Resident Engineer's Manual will be updated over the next two quarters with the initial focus on construction management activities and integration with a new construction management workflow tool (Procore). Subsequently this manual will include planning, design and close-out/commissioning stages of project delivery as well which will be coordinated with the workflows prepared as part of the Program Strategy Manual



6. Safety & Security, ARRA, and Reimbursable Capital Programs

In addition to the Capital Improvement Program, the WMATA Board of Directors and contributing jurisdictions have authorized and approved the Safety & Security capital program, the ARRA capital program, and the Reimbursable capital program. The Safety & Security and ARRA capital programs are fully funded by Federal grants. The Reimbursable capital program is funded by multiple jurisdictional funding sources. The following sections detail the Safety & Security, ARRA, and Reimbursable capital program milestones and accomplishments during the quarter and actual expenditures through FY2012 Q1.

Milestones and Accomplishments this Quarter

ARRA Project Accomplishments

- Replacement of Crumbling Platforms – Completed structural rehab of White Flint Station and Twinbrook Station platform edge slab, and continued installation of new pre-cast concrete pavers at Shady Grove & Rockville Stations
- Additional Station Alarm/Chemical Sensors – Completed maintenance acceptance of Sensor Relocation Protec, and continued installation of sensors and control modules for Additional Station Alarms (ICAD)
- Heavy Duty Locomotives for Maintenance – Completed the project with the acceptance of for four prime movers
- Track Welding Program to Repair Defects – Welded 287 open rail joints
- Replacement of Southeastern Bus Garage – now known as the Shepherd Parkway Bus Garage, construction is well underway and all buildings are in an advanced stage of construction
- Bus Garage Security Update – began installation of security cameras at Landover facility
- New Bus Body and Paint Shop – At the Carmen Turner Facility; equipment was received for contractor installation; all contract work is scheduled to be completed in the second quarter of FY2012; and project close out is scheduled for the third quarter of FY 2012.

Safety and Security Project Accomplishments

- Executed a contract to retrofit 468 existing buses in the fleet with CCTV cameras as part of a DHS grant to be able to monitor bus activities inside the bus fleet while in revenue service.
- Request for Proposals were issued this past quarter to install a video monitoring system to install cameras incrementally in station kiosk and entrance areas, at end of platforms, in bus garages and in rail yards.
- Planning is underway to install cameras in three new bus garages to be constructed to add bus fleet storage, improve logistics and increase capacity.



Reimbursable Project Accomplishments

- Dulles Corridor Metrorail WMATA Design Build Technical Assistance: Continued technical review and construction oversight of the Dulles Extension project
- Shepherd Parkway Bus Garage: Ongoing construction of the new SE Bus Garage Replacement project at the DC Village site
- Glenmont Parking Facility: Ongoing construction of the new parking garage
- Vienna Station Mezzanine Stair: Ongoing construction of mezzanine extension new stairs
- 6000 Rail Car Purchase: All vehicles procured – vendor contract review and close out pending
- Takoma Langley Park Center: Ongoing project planning
- Columbia Pike Super Stops: Ongoing construction of bus super stop prototypes
- Project Development DC/MD/VA: Continued ongoing regional planning and feasibility studies
- Potomac Yard Environmental Impact Study: Alternate Design Studies and Draft EIS commenced for new Potomac Yard infill Metrorail station

Cumulative To Date Actual Expenditures

As delineated in Appendix D, the Safety & Security, ARRA and Reimbursable capital programs have board approved overall budgets of \$61.0 million, \$201.8 million, and \$1,851.3 million respectively. As shown in the below table, as of September 30, 2011:

- *Safety & Security performance*: \$4.5 million, or 7% of the approved program budget, has been expended since inception, which includes expenditures prior to FY2012
- *ARRA performance*: \$173.1 million, or 86%, of the approved ARRA program budget, has been expended since inception, which includes expenditures prior to FY2012
- *Reimbursable performance*: \$1,310.5 million, or 71%, of the approved Reimbursable program budget, has been expended since inception, which includes expenditures prior to FY2012



Safety & Security, ARRA, and Reimbursable Quarterly Expenditure Performance (all figures in thousands)

Capital Program Group	Expenditures Prior to FY12	FY12 Q1 Actual Expenditures	Total Expenditures (as of 9/30/2011)	Overall Statistics		
				Approved Program Budget	Actuals as a % of Program Budget (as of 9/30/2011)	Program Budget Remaining (as of 9/30/2011)
Safety & Security	\$ 4,119	\$ 335	\$ 4,454	\$ 60,964	7.3%	\$ 56,510
American Recovery & Reinvestment Act (ARRA)	146,091	27,012	173,103	201,833	85.8%	28,730
Reimbursable	1,296,238	14,216	1,310,454	1,851,327	70.8%	540,873
Grand Total	\$ 1,446,447	\$ 41,564	\$ 1,488,011	\$ 2,114,125	70.4%	\$ 626,114

Current Safety & Security and ARRA Project Manager Forecasts

As a part of the quarterly reporting process, Metro project managers provide revised expenditure forecasts that reflect the latest understanding of scope, schedule and budget changes that will ultimately impact the expenditure forecast. As detailed in Appendix E and summarized below, the current project manager expenditure forecasts (highlighted in yellow) for FY2012 and FY2013, when combined with program expenditures prior to FY2012, estimates that approximately 100% of the Safety & Security program and 97% of the ARRA program will be expended by the end of FY2013.

There remains a risk that FY2012 and FY2013 forecasted expenditures for the Safety & Security and ARRA capital programs will not be achieved. Project and program managers are currently working together to refine each program's forecasts and ensure that each project is delivered within the forecasted timeframe.

Cumulative Fiscal Year Expenditure Forecast compared to Approved Program Budget (all figure in thousands)

Capital Program Group	Approved Program Budget (dated 5/2/2011)	Expenditures Prior to FY12	FY2012			FY2013	FY2012 +FY2013
			Current FY12 PM Forecast	FY12 Actual Expenditures (as of 9/30/2011)	FY12 Remaining Expenditures	Current FY13 PM Forecast	Total Actual (as of 9/30/2011) & Forecasted Expenditures thru FY13
Safety & Security	\$ 60,964	\$ 4,119	\$ 26,354	\$ 335	\$ 26,019	\$ 30,605	\$ 61,078
American Recovery & Reinvestment Act (ARRA)	201,833	146,091	48,197	27,012	21,185	600	194,888
Grand Total	\$ 262,797	\$ 150,210	\$ 74,551	\$ 27,347	\$ 47,204	\$ 31,205	\$ 255,966



Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

Washington Metropolitan Area Transit Authority

FY2012 1st Quarter Report



Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

All Dollars in Thousands

	(a)		(b)		(c)		(d)	
	Approved FY12 Budget (dated 6/23/2011)*		FY12 1 st Quarter Actual Expenditures		Total FY12 Actual Expenditures (b)		FY12 Budget and Rollover Remaining (a - c)	
	Dollars		Dollars	% of FY12 Budget	Dollars	% of FY12 Budget	Dollars	% of FY12 Budget
A. Vehicles/Vehicle Parts								
Replacement of Rail Cars								
CIP0057	1000 Series Rail Car Replacement	\$ 8,000	\$ 0	0.0%	\$ 0	0.0%	\$ 8,000	100.0%
CIP0060	4000 Series Rail Car Replacement	-	-	0.0%	-	0.0%	-	0.0%
	Total Replacement of Rail Cars	\$ 8,000	\$ 0	0.0%	\$ 0	0.0%	\$ 8,000	100.0%
Replacement of Buses								
CIP0006	Bus Replacement	\$ 97,410	\$ 31,934	32.8%	\$ 31,934	32.8%	\$ 65,476	67.2%
	Total Replacement of Buses	\$ 97,410	\$ 31,934	32.8%	\$ 31,934	32.8%	\$ 65,476	67.2%
Rehabilitation of Rail Cars								
CIP0064	1000 Series Rail Car HVAC Rehabilitation	\$ 2,152	\$ (58)	-2.7%	\$ (58)	-2.7%	\$ 2,210	102.7%
CIP0058	2000/3000 Series Rail Car Mid-Life Rehabilitation	3,031	(81)	-2.7%	(81)	-2.7%	3,112	102.7%
CIP0067	Rail Car Safety & Reliability Enhancements	8,737	1,291	14.8%	1,291	14.8%	7,446	85.2%
CIP0063	Rail Rehabilitation Program	21,522	2,041	9.5%	2,041	9.5%	19,481	90.5%
CIP0125	Rail Preventive Maintenance	-	-	0.0%	-	0.0%	-	0.0%
CIP0142	Rail Lifecycle Overhaul	20,800	5,200	25.0%	5,200	25.0%	15,600	75.0%
CIP0148	Repair of Damaged Railcars	-	(41)	0.0%	(41)	0.0%	41	0.0%
	Total Rehabilitation of Rail Cars	\$ 56,242	\$ 8,352	14.9%	\$ 8,352	14.9%	\$ 47,890	85.1%
Rehabilitation of Buses								
CIP0005	Bus Rehabilitation Program	\$ 30,081	\$ 3,820	12.7%	\$ 3,820	12.7%	\$ 26,261	87.3%
CIP0008	Bus Repairables	7,703	754	9.8%	754	9.8%	6,949	90.2%
CIP0137	Bus Preventive Maintenance	-	-	0.0%	-	0.0%	-	0.0%
CIP0143	Bus Lifecycle Overhaul	10,715	2,679	25.0%	2,679	25.0%	8,036	75.0%
	Total Rehabilitation of Buses	\$ 48,499	\$ 7,253	15.0%	\$ 7,253	15.0%	\$ 41,246	85.0%
Replacement of MetroAccess Vehicles								
CIP0015	MetroAccess Fleet Replacement	\$ 11,559	\$ 20	0.2%	\$ 20	0.2%	\$ 11,539	99.8%
	Total Replacement of MetroAccess Vehicles	\$ 11,559	\$ 20	0.2%	\$ 20	0.2%	\$ 11,539	99.8%
Replacement of Service Vehicles								
CIP0009	Service Vehicle Replacement	\$ 5,529	\$ -	0.0%	\$ -	0.0%	\$ 5,529	100.0%
	Total Replacement of Service Vehicles	\$ 5,529	\$ -	0.0%	\$ -	0.0%	\$ 5,529	100.0%
Rail Car Fleet Expansion								
CIP0062	6000 Series Rail Car Procurement	\$ 2,761	\$ (48)	-1.7%	\$ (48)	-1.7%	\$ 2,809	101.7%
	Total Rail Car Fleet Expansion	\$ 2,761	\$ (48)	-1.7%	\$ (48)	-1.7%	\$ 2,809	101.7%
Bus Fleet Expansion								
CIP0003	Bus Capacity Enhancements: Fleet Expansion	\$ -	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
	Total Bus Fleet Expansion	\$ -	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
Bus Enhancements								
CIP0002	Automatic Vehicle Location Equipment Replacement	\$ 4,330	\$ 1,347	31.1%	\$ 1,347	31.1%	\$ 2,983	68.9%
CIP0007	Bus Camera Installation	-	223	0.0%	223	0.0%	(223)	0.0%
	Total Bus Enhancements	\$ 4,330	\$ 1,571	36.3%	\$ 1,571	36.3%	\$ 2,760	63.7%
Total Vehicles/Vehicle Parts:		\$ 234,330	\$ 49,082	20.9%	\$ 49,082	20.9%	\$ 185,248	79.1%

Washington Metropolitan Area Transit Authority

FY2012 1st Quarter Report

Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

All Dollars in Thousands



	(a)		(b)		(c)		(d)	
	Approved FY12 Budget (dated 6/23/2011)*		FY12 1 st Quarter Actual Expenditures		Total FY12 Actual Expenditures (b)		FY12 Budget and Rollover Remaining (a - c)	
	Dollars		Dollars	% of FY12 Budget	Dollars	% of FY12 Budget	Dollars	% of FY12 Budget
B. Rail System Infrastructure Rehabilitation								
<u>Rail Line Segment Rehabilitation</u>								
CIP0108	Rail Rehabilitation Tier 1: Dupont to Grosvenor	\$ -	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
CIP0107	Rail Rehabilitation Tier 1: Dupont to Silver Spring	26,350	14,539	55.2%	14,539	55.2%	11,811	44.8%
CIP0110	Rail Rehabilitation Tier 1: National Airport to Stadium Armory	63,783	4,615	7.2%	4,615	7.2%	59,168	92.8%
	Total Rail Line Segment Rehabilitation	\$ 90,133	\$ 19,154	21.3%	\$ 19,154	21.3%	\$ 70,979	78.7%
	Total Rail System Infrastructure Rehabilitation:	\$ 90,133	\$ 19,154	21.3%	\$ 19,154	21.3%	\$ 70,979	78.7%
C. Maintenance Facilities								
<u>Rehabilitation and Replacement of Bus Garages</u>								
CIP0085	Royal Street Bus Garage Replacement (Cinder Bed Road)	\$ 31,768	\$ 60	0.2%	\$ 60	0.2%	\$ 31,708	99.8%
CIP0086	Shepherd Parkway Bus Facility	30,719	-	0.0%	-	0.0%	30,719	100.0%
CIP0084	Southern Avenue Bus Garage Replacement	29,246	376	1.3%	376	1.3%	28,870	98.7%
	Total Rehabilitation and Replacement of Bus Garages	\$ 91,733	\$ 435	0.5%	\$ 435	0.5%	\$ 91,298	99.5%
<u>Maintenance of Bus Garages</u>								
CIP0119	Bus Garage Facility Repairs Tier 1: Western, Northern and Landover	\$ 25,947	\$ 5,603	21.6%	\$ 5,603	21.6%	\$ 20,344	78.4%
	Total Maintenance of Bus Garages	\$ 25,947	\$ 5,603	21.6%	\$ 5,603	21.6%	\$ 20,344	78.4%
<u>Maintenance of Rail Yards</u>								
CIP0116	Rail Yard Facility Repairs Tier 1: Alexandria, Brentwood and New Carrollton	\$ 15,499	\$ 263	1.7%	\$ 263	1.7%	\$ 15,237	98.3%
	Total Maintenance of Rail Yards	\$ 15,499	\$ 263	1.7%	\$ 263	1.7%	\$ 15,237	98.3%
<u>Rail Maintenance Facilities</u>								
CIP0071	Test Track & Commissioning Facility	\$ 3,000	\$ 458	15.3%	\$ 458	15.3%	\$ 2,542	84.7%
	Total Rail Maintenance Facilities	\$ 3,000	\$ 458	15.3%	\$ 458	15.3%	\$ 2,542	84.7%
<u>Environmental Compliance Projects</u>								
CIP0010	Environmental Compliance Projects	\$ 655	\$ 57	8.8%	\$ 57	8.8%	\$ 597	91.2%
CIP0011	Underground Storage Tank Replacement	4,476	(133)	-3.0%	(133)	-3.0%	4,609	103.0%
	Total Environmental Compliance Projects	\$ 5,131	\$ (76)	-1.5%	\$ (76)	-1.5%	\$ 5,207	101.5%
<u>Maintenance Bus and Rail Facilities</u>								
CIP0127	Support Equipment - MTPD	\$ 1,030	\$ 223	21.6%	\$ 223	21.6%	\$ 807	78.4%
CIP0155	Rehab of Backlick Road Facility	-	-	0.0%	-	0.0%	-	0.0%
CIP0145	Rail Yard Hardening and Bus Security	10,379	21	0.2%	21	0.2%	10,358	99.8%
CIP0126	Financial Planning, Project Administration, and System Wide Infrastructure I	1,067	198	18.5%	198	18.5%	869	81.5%
	Total Maintenance Bus and Rail Facilities	\$ 12,475	\$ 441	3.5%	\$ 441	3.5%	\$ 12,034	96.5%
<u>Expansion of Bus Garages</u>								
CIP0078	Bladensburg Shop Reconfiguration	\$ 6,549	\$ 264	4.0%	\$ 264	4.0%	\$ 6,285	96.0%
CIP0038	Bus Garage Capacity Enhancements	2,206	-	0.0%	-	0.0%	2,206	100.0%
	Total Expansion of Bus Garages	\$ 8,754	\$ 264	3.0%	\$ 264	3.0%	\$ 8,491	97.0%
	Total Maintenance Facilities:	\$ 162,540	\$ 7,388	4.5%	\$ 7,388	4.5%	\$ 155,152	95.5%

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Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

All Dollars in Thousands



	(a)		(b)		(c)		(d)	
	Approved FY12 Budget (dated 6/23/2011)*		FY12 1 st Quarter Actual Expenditures		Total FY12 Actual Expenditures (b)		FY12 Budget and Rollover Remaining (a - c)	
	Dollars		Dollars	% of FY12 Budget	Dollars	% of FY12 Budget	Dollars	% of FY12 Budget
D. Systems and Technology								
Power System Upgrades - Rail								
CIP0077	8-Car Train Power Upgrades	\$ -	\$ (157)	0.0%	\$ (157)	0.0%	\$ 157	0.0%
CIP0076	100 % 8-Car Train - Power Upgrades	-	-	0.0%	-	0.0%	-	0.0%
	Total Power System Upgrades - Rail	\$ -	\$ (157)	0.0%	\$ (157)	0.0%	\$ 157	0.0%
Operations Support Software								
CIP0042	Bus & Rail Asset Management Software	\$ 4,185	\$ 615	14.7%	\$ 615	14.7%	\$ 3,570	85.3%
CIP0043	Bus Operations Support Software	1,992	790	39.7%	790	39.7%	1,201	60.3%
CIP0044	Customer & Regional Integration	6,201	1,075	17.3%	1,075	17.3%	5,126	82.7%
CIP0045	Data Centers and Infrastructures	4,242	1,338	31.5%	1,338	31.5%	2,905	68.5%
CIP0047	Enterprise Geographic Information System	2,949	282	9.5%	282	9.5%	2,668	90.5%
CIP0052	Network and Communications	5,003	678	13.6%	678	13.6%	4,325	86.4%
CIP0053	Network Operations Center (NOC)	493	69	14.0%	69	14.0%	424	86.0%
CIP0051	Police Dispatch and Records Management	1,559	-	0.0%	-	0.0%	1,559	100.0%
CIP0140	Rail Mileage Based Asset Management	2,176	43	2.0%	43	2.0%	2,133	98.0%
CIP0056	Rail Operations Support Software	1,712	104	6.1%	104	6.1%	1,608	93.9%
CIP0128	Support Equipment - IT	1,559	-	0.0%	-	0.0%	1,559	100.0%
CIP0149	Transit Asset Management System	-	-	0.0%	-	0.0%	-	0.0%
	Total Operations Support Software	\$ 32,071	\$ 4,993	15.6%	\$ 4,993	15.6%	\$ 27,078	84.4%
Business Support Software & Equipment								
CIP0030	Currency Processing Machines	\$ 1,456	\$ 764	52.5%	\$ 764	52.5%	\$ 692	47.5%
CIP0054	Customer Electronic Communications & Outreach	3,114	266	8.5%	266	8.5%	2,848	91.5%
CIP0046	Document Management System	1,465	251	17.1%	251	17.1%	1,214	82.9%
CIP0196	Safety Measurement System (NEW)	-	-	0.0%	-	0.0%	-	0.0%
CIP0195	Radio Project - Supplemental Coverage (NEW)	-	-	0.0%	-	0.0%	-	0.0%
CIP0049	Management Support Software	19,839	4,534	22.9%	4,534	22.9%	15,305	77.1%
CIP0050	Metro IT OneStop and Office Automation	1,834	1,554	84.8%	1,554	84.8%	280	15.2%
CIP0103	Police Portable Radio Replacement	667	7	1.0%	7	1.0%	660	99.0%
CIP0048	Sensitive Data Protection Technology	3,616	1,043	28.8%	1,043	28.8%	2,573	71.2%
CIP0147	FBI National Electronic Countermeasures Program	-	20	0.0%	20	0.0%	(20)	0.0%
	Total Business Support Software & Equipment	\$ 31,991	\$ 8,440	26.4%	\$ 8,440	26.4%	\$ 23,551	73.6%
Rail Fare Equipment								
CIP0091	Automatic Fare Collection Machines	\$ 1,075	\$ -	0.0%	\$ -	0.0%	\$ 1,075	100.0%
CIP0031	Debit/Credit Processing Requirements	507	201	39.7%	201	39.7%	305	60.3%
CIP0092	Ethernet Wiring for Rail Fare Machines	-	85	0.0%	85	0.0%	(85)	0.0%
CIP0032	Fare Media Encoders	579	-	0.0%	-	0.0%	579	100.0%
CIP0094	Improvements to Coin Collection Machines	-	-	0.0%	-	0.0%	-	0.0%
CIP0093	Integrating regional NEXTFARE System	955	1,378	144.3%	1,378	144.3%	(423)	-44.3%
CIP0097	New Electronic Payments Program	2,250	608	27.0%	608	27.0%	1,642	73.0%
	Total Rail Fare Equipment	\$ 5,365	\$ 2,273	42.4%	\$ 2,273	42.4%	\$ 3,093	57.6%
	Total Systems and Technology:	\$ 69,428	\$ 15,549	22.4%	\$ 15,549	22.4%	\$ 53,879	77.6%

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Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

All Dollars in Thousands

	(a)		(b)		(c)		(d)	
	Approved FY12 Budget (dated 6/23/2011)*		FY12 1 st Quarter Actual Expenditures		Total FY12 Actual Expenditures (b)		FY12 Budget and Rollover Remaining (a - c)	
	Dollars		Dollars	% of FY12 Budget	Dollars	% of FY12 Budget	Dollars	% of FY12 Budget
E. Track and Structures								
Track Rehabilitation								
CIP0023	Third Rail Rehabilitation	\$ 5,517	\$ 328	5.9%	\$ 328	5.9%	\$ 5,189	94.1%
CIP0089	Track Fasteners	2,053	1,185	57.7%	1,185	57.7%	868	42.3%
CIP0019	Track Floating Slab Rehabilitation	1,410	193	13.7%	193	13.7%	1,217	86.3%
CIP0021	Track Pad/Shock Absorber Rehabilitation	4,097	539	13.1%	539	13.1%	3,558	86.9%
CIP0024	Track Rehabilitation	40,519	10,126	25.0%	10,126	25.0%	30,392	75.0%
CIP0022	Track Structural Rehabilitation	4,037	435	10.8%	435	10.8%	3,602	89.2%
CIP0141	Cheverly Abutment	-	5	0.0%	5	0.0%	(5)	0.0%
CIP0018	Track Welding Program	2,656	361	13.6%	361	13.6%	2,295	86.4%
CIP0146	Mainline No. 8 Switch Replacement Program	5,331	252	4.7%	252	4.7%	5,079	95.3%
	Total Track Rehabilitation	\$ 65,620	\$ 13,424	20.5%	\$ 13,424	20.5%	\$ 52,196	79.5%
Station/Tunnel Rehabilitation								
CIP0026	Station/Tunnel Leak Mitigation	\$ 3,298	\$ 753	22.8%	\$ 753	22.8%	\$ 2,545	77.2%
	Total Station/Tunnel Rehabilitation	\$ 3,298	\$ 753	22.8%	\$ 753	22.8%	\$ 2,545	77.2%
	Total Track Rehabilitation:	\$ 68,918	\$ 14,177	20.6%	\$ 14,177	20.6%	\$ 54,741	79.4%

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Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

All Dollars in Thousands



	(a)		(b)		(c)		(d)	
	Approved FY12 Budget (dated 6/23/2011)*		FY12 1 st Quarter Actual Expenditures		Total FY12 Actual Expenditures (b)		FY12 Budget and Rollover Remaining (a - c)	
	Dollars		Dollars	% of FY12 Budget	Dollars	% of FY12 Budget	Dollars	% of FY12 Budget
F. Passenger Facilities								
<u>Elevator/Escalator Facilities</u>								
CIP0072	Elevator Rehabilitation	\$ 3,990	\$ 88	2.2%	\$ 88	2.2%	\$ 3,903	97.8%
CIP0132	Elevator/Escalator Repairables	4,825	651	13.5%	651	13.5%	4,174	86.5%
CIP0185	Escalator Replacement (NEW)	-	-	0.0%	-	0.0%	-	0.0%
CIP0073	Escalator Rehabilitation	14,465	797	5.5%	797	5.5%	13,668	94.5%
	Total Elevator/Escalator Facilities	\$ 23,281	\$ 1,536	6.6%	\$ 1,536	6.6%	\$ 21,745	93.4%
<u>Maintenance of Rail Station Facilities</u>								
CIP0138	System-wide Infrastructure Rehabilitation	\$ 55,213	\$ 6,179	11.2%	\$ 6,179	11.2%	\$ 49,033	88.8%
CIP0153	Accessible Station Signage	-	-	0.0%	-	0.0%	-	0.0%
CIP0087	Station Rehabilitation Program	7,832	1,927	24.6%	1,927	24.6%	5,906	75.4%
CIP0150	Fire Systems	2,160	10	0.5%	10	0.5%	2,150	99.5%
CIP0151	Station Cooling Program	3,255	176	5.4%	176	5.4%	3,079	94.6%
CIP0152	Parking Garage Rehabilitation	1,000	-	0.0%	-	0.0%	1,000	100.0%
	Total Maintenance of Rail Station Facilities	\$ 69,460	\$ 8,293	11.9%	\$ 8,293	11.9%	\$ 61,167	88.1%
<u>Bicycle & Pedestrian Facilities</u>								
CIP0035	Bicycle & Pedestrian Facilities: Capacity Improvements	\$ 1,019	\$ 41	4.0%	\$ 41	4.0%	\$ 979	96.0%
CIP0036	Replacement of Bicycle Racks & Lockers	419	17	4.1%	17	4.1%	402	95.9%
	Total Bicycle & Pedestrian Facilities	\$ 1,438	\$ 58	4.0%	\$ 58	4.0%	\$ 1,380	96.0%
<u>Rail Station: Capacity/Enhancements</u>								
CIP0039	Core & System Capacity Project Development	\$ 3,027	\$ 127	4.2%	\$ 127	4.2%	\$ 2,900	95.8%
CIP0178	Union Station Access and Capacity Improvements (NEW)	-	-	0.0%	-	0.0%	-	0.0%
CIP0179	Gallery Place Access and Capacity Improvements (NEW)	-	-	0.0%	-	0.0%	-	0.0%
CIP0074	Installation of Parking Lot Credit Card Readers	2,750	-	0.0%	-	0.0%	2,750	100.0%
CIP0088	Station Entrance Canopies	-	-	0.0%	-	0.0%	-	0.0%
	Total Elevator/Escalator Facilities	\$ 5,777	\$ 127	2.2%	\$ 127	2.2%	\$ 5,650	97.8%
<u>Bus Priority Corridor Improvements</u>								
CIP0037	Bus Priority Corridor Network Enhancements	\$ 3,553	\$ 258	7.3%	\$ 258	7.3%	\$ 3,295	92.7%
	Total Bus Priority Corridor Improvements	\$ 3,553	\$ 258	7.3%	\$ 258	7.3%	\$ 3,295	92.7%
<u>Rail Station Equipment</u>								
CIP0099	Police Emergency Management Equipment	\$ 197	\$ 199	100.9%	\$ 199	100.9%	\$ (2)	-0.9%
	Total Rail Station Equipment	\$ 197	\$ 199	100.9%	\$ 199	100.9%	\$ (2)	-0.9%
Total Passenger Facilities:		\$ 103,706	\$ 10,470	10.1%	\$ 10,470	10.1%	\$ 93,235	89.9%

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Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

All Dollars in Thousands



	(a)		(b)		(c)		(d)	
	Approved FY12 Budget (dated 6/23/2011)*		FY12 1 st Quarter Actual Expenditures		Total FY12 Actual Expenditures (b)		FY12 Budget and Rollover Remaining (a - c)	
	Dollars		Dollars	% of FY12 Budget	Dollars	% of FY12 Budget	Dollars	% of FY12 Budget
G. Maintenance Equipment								
Rail Maintenance Equipment								
CIP0136	FCC Radio Frequency Communication Changes	\$ 12,772	\$ 113	0.9%	\$ 113	0.9%	\$ 12,659	99.1%
CIP0065	Geometry Vehicle	8,928	548	6.1%	548	6.1%	8,381	93.9%
CIP0139	NTSB Recommendations	8,423	304	3.6%	304	3.6%	8,119	96.4%
CIP0139_06	Replace GRS Track Circuits	19,645	784	4.0%	784	4.0%	18,861	96.0%
CIP0139_07	Inspect Procedure-Track Circuit	-	-	0.0%	-	0.0%	-	0.0%
CIP0139_08	Tech Bulletin & Safety Info	-	-	0.0%	-	0.0%	-	0.0%
CIP0139_09	Remove Unnecessary Wayside Com	11,012	182	1.7%	182	1.7%	10,830	98.3%
CIP0139_10	NTSB ATC System Safety Analysis	3,126	98	3.1%	98	3.1%	3,029	96.9%
CIP0139_11	Dsgn/Oper/Maint Poten. Failure	-	-	0.0%	-	0.0%	-	0.0%
CIP0139_12	Cable Insulation Testing	-	39	0.0%	39	0.0%	(39)	0.0%
CIP0139_13	FTA Recommendation: TOC Audit	146	-	0.0%	-	0.0%	146	100.0%
CIP0139_14	Periodic Compreh Data Review	88	-	0.0%	-	0.0%	88	100.0%
CIP0139_15	Safety Reporting Prog & Review	-	-	0.0%	-	0.0%	-	0.0%
CIP0139_16	Hazard Identification & Resolu	-	-	0.0%	-	0.0%	-	0.0%
CIP0139_17	Audit and Open CAPs	-	-	0.0%	-	0.0%	-	0.0%
CIP0139_19	Onboard Event Recorders 1K/4K	4,656	(68)	-1.5%	(68)	-1.5%	4,724	101.5%
CIP0139_20	Program to Monitor Recorders	581	-	0.0%	-	0.0%	581	100.0%
CIP0139_P1	Examine Track Circuits	2,327	1,091	46.9%	1,091	46.9%	1,236	53.1%
CIP0139_P2	Elec Compo Performing in TC Sys	5,059	8	0.2%	8	0.2%	5,051	99.8%
CIP0139_P3	Redundancy of ATC	-	-	0.0%	-	0.0%	-	0.0%
CIP0139_P4	Loss of Shunt Tools	447	144	32.3%	144	32.3%	302	67.7%
CIP0139_P5	Enhanced Track Circuit Verifi	-	40	0.0%	40	0.0%	(40)	0.0%
CIP0139_P6	Replace power cables	9,310	1,135	12.2%	1,135	12.2%	8,175	87.8%
CIP0066	Rail Shop Repair Equipment	6,571	(169)	-2.6%	(169)	-2.6%	6,740	102.6%
CIP0020	Replacement of Rail Track Signage	1,060	96	9.1%	96	9.1%	964	90.9%
CIP0027	Switch Machine Rehabilitation Project	950	248	26.1%	248	26.1%	702	73.9%
CIP0025	Track Maintenance Equipment	34,683	-	0.0%	-	0.0%	34,683	100.0%
CIP0135	Train Control Signal and Traction Power System Interface	5,347	263	4.9%	263	4.9%	5,084	95.1%
CIP0133	Wayside Work Equipment	4,825	489	10.1%	489	10.1%	4,336	89.9%
	Total Rail Maintenance Equipment	\$ 139,956	\$ 5,345	3.8%	\$ 5,345	3.8%	\$ 134,611	96.2%
Bus Repair Equipment								
CIP0004	Bus Repair Equipment	\$ 7,176	\$ (100)	-1.4%	\$ (100)	-1.4%	\$ 7,276	101.4%
	Total Bus Repair Equipment	\$ 7,176	\$ (100)	-1.4%	\$ (100)	-1.4%	\$ 7,276	101.4%
Business Facilities Equipment								
CIP0028	Materials Handling Equipment	\$ 139	\$ 85	61.2%	\$ 85	61.2%	\$ 54	38.8%
CIP0029	Warehouse Vertical Storage Units/Shelving	766	10	1.4%	10	1.4%	756	98.6%
	Total Business Facilities Equipment	\$ 905	\$ 95	10.5%	\$ 95	10.5%	\$ 809	89.5%
	Total Maintenance Equipment:	\$ 148,037	\$ 5,341	3.6%	\$ 5,341	3.6%	\$ 142,696	96.4%

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Appendix A-1: FY2012 1st Quarter Actual CIP Expenditures Compared to Approved FY2012 Budget

All Dollars in Thousands

	(a)		(b)		(c)		(d)	
	Approved FY12 Budget (dated 6/23/2011)*		FY12 1 st Quarter Actual Expenditures		Total FY12 Actual Expenditures (b)		FY12 Budget and Rollover Remaining (a - c)	
	Dollars		Dollars	% of FY12 Budget	Dollars	% of FY12 Budget	Dollars	% of FY12 Budget
H. Other Facilities								
Business Support Facilities								
CIP0080	Jackson Graham Building Renovation	\$ 2,000	\$ 710	35.5%	\$ 710	35.5%	\$ 1,290	64.5%
CIP0033	Replacement of Revenue Facility Equipment	266	-	0.0%	-	0.0%	266	100.0%
CIP0034	Revenue Collection Facility (RCF) Building Expansion	-	-	0.0%	-	0.0%	-	0.0%
CIP0144	Bus Operations Control Center	-	4	0.0%	4	0.0%	(4)	0.0%
	Total Business Support Facilities	\$ 2,266	\$ 713	31.5%	\$ 713	31.5%	\$ 1,552	68.5%
MTPD Support Facilities								
CIP0101	Police Substation- New District 2/Special Operations Division Facility	\$ 2,524	\$ 152	6.0%	\$ 152	6.0%	\$ 2,372	94.0%
CIP0106	Special Operations Division Facility	1,626	7,566	465.3%	7,566	465.3%	(5,940)	-365.3%
	Total MTPD Support Facilities	\$ 4,150	\$ 7,717	186.0%	\$ 7,717	186.0%	\$ (3,567)	-86.0%
	Total Other Facilities:	\$ 6,416	\$ 8,431	131.4%	\$ 8,431	131.4%	\$ (2,015)	-31.4%
I. Program Management/Credit Facility								
Credit Facility								
CIP0131	Credit Facility	\$ 5,390	\$ 537	10.0%	\$ 537	10.0%	\$ 4,853	90.0%
	Total Credit Facility	\$ 5,390	\$ 537	10.0%	\$ 537	10.0%	\$ 4,853	90.0%
	Total Program Management/Credit Facility:	\$ 5,390	\$ 537	10.0%	\$ 537	10.0%	\$ 4,853	90.0%
Program Total								
	Total:	\$ 888,898	\$ 130,129	14.6%	\$ 130,129	14.6%	\$ 758,769	85.4%

*Does not include \$153.2 million in FY2011 Rollover



Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast dated 5/15/2011

Washington Metropolitan Area Transit Authority

FY2012 1st Quarter Report

Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)		
	FY12 Forecast (FY11 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Forecast (FY2011 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Actual Expenditures		FY12 1st Quarter Variance (versus FY11 3rd Qtr Report Forecast dated 5/15/2011) (under)/over (c - b)		FY12 Remaining Expenditures (as per FY11 3rd Qtr Report Forecast dated 5/15/2011) (a - c)		
	Dollars		Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	
A. Vehicles/Vehicle Parts											
Replacement of Rail Cars											
CIP0057	1000 Series Rail Car Replacement	\$ 10,384		\$ 1,830	17.6%	\$ 0	0.0%	\$ (1,830)	-17.6%	\$ 10,384	100.0%
CIP0060	4000 Series Rail Car Replacement	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
	Total Replacement of Rail Cars	\$ 10,384		\$ 1,830	17.6%	\$ 0	0.0%	\$ (1,830)	-17.6%	\$ 10,384	100.0%
Replacement of Buses											
CIP0006	Bus Replacement	\$ 69,310		\$ 20,914	30.2%	\$ 31,934	46.1%	\$ 11,021	15.9%	\$ 37,375	53.9%
	Total Replacement of Buses	\$ 69,310		\$ 20,914	30.2%	\$ 31,934	46.1%	\$ 11,021	15.9%	\$ 37,375	53.9%
Rehabilitation of Rail Cars											
CIP0064	1000 Series Rail Car HVAC Rehabilitation	\$ 3,429		\$ 189	5.5%	\$ (58)	-1.7%	\$ (247)	-7.2%	\$ 3,487	101.7%
CIP0058	2000/3000 Series Rail Car Mid-Life Rehabilitation	3,316		201	6.1%	(81)	-2.4%	(282)	-8.5%	\$ 3,397	102.4%
CIP0067	Rail Car Safety & Reliability Enhancements	8,382		4,185	49.9%	1,291	15.4%	(2,894)	-34.5%	\$ 7,091	84.6%
CIP0063	Rail Rehabilitation Program	24,613		6,239	25.3%	2,041	8.3%	(4,198)	-17.1%	\$ 22,572	91.7%
CIP0125	Rail Preventive Maintenance	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
CIP0142	Rail Lifecycle Overhaul	20,800		5,200	25.0%	5,200	25.0%	(0)	0.0%	\$ 15,600	75.0%
CIP0148	Repair of Damaged Railcars	6,933		165	2.4%	(41)	-0.6%	(206)	-3.0%	\$ 6,974	100.6%
	Total Rehabilitation of Rail Cars	\$ 67,473		\$ 16,179	24.0%	\$ 8,352	12.4%	\$ (7,826)	-11.6%	\$ 59,121	87.6%
Rehabilitation of Buses											
CIP0005	Bus Rehabilitation Program	\$ 30,081		\$ 6,763	22.5%	\$ 3,820	12.7%	\$ (2,943)	-9.8%	\$ 26,261	87.3%
CIP0008	Bus Repairables	8,438		1,439	17.1%	754	8.9%	(685)	-8.1%	\$ 7,684	91.1%
CIP0137	Bus Preventive Maintenance	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
CIP0143	Bus Lifecycle Overhaul	10,715		2,679	25.0%	2,679	25.0%	0	0.0%	\$ 8,036	75.0%
	Total Rehabilitation of Buses	\$ 49,234		\$ 10,881	22.1%	\$ 7,253	14.7%	\$ (3,627)	-7.4%	\$ 41,981	85.3%
Replacement of MetroAccess Vehicles											
CIP0015	MetroAccess Fleet Replacement	\$ 11,557		\$ 84	0.7%	\$ 20	0.2%	\$ (64)	-0.6%	\$ 11,537	99.8%
	Total Replacement of MetroAccess Vehicles	\$ 11,557		\$ 84	0.7%	\$ 20	0.2%	\$ (64)	-0.6%	\$ 11,537	99.8%
Replacement of Service Vehicles											
CIP0009	Service Vehicle Replacement	\$ 5,582		\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ 5,582	100.0%
	Total Replacement of Service Vehicles	\$ 5,582		\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ 5,582	100.0%
Rail Car Fleet Expansion											
CIP0062	6000 Series Rail Car Procurement	\$ 8,594		\$ 364	4.2%	\$ (48)	-0.6%	\$ (411)	-4.8%	\$ 8,642	100.6%
	Total Rail Car Fleet Expansion	\$ 8,594		\$ 364	4.2%	\$ (48)	-0.6%	\$ (411)	-4.8%	\$ 8,642	100.6%
Bus Fleet Expansion											
CIP0003	Bus Capacity Enhancements: Fleet Expansion	\$ -		\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
	Total Bus Fleet Expansion	\$ -		\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
Bus Enhancements											
CIP0002	Automatic Vehicle Location Equipment Replacement	\$ 11,872		\$ 1,710	14.4%	\$ 1,347	11.3%	\$ (363)	-3.1%	\$ 10,525	88.7%
CIP0007	Bus Camera Installation	800		400	50.0%	223	27.9%	(177)	-22.1%	\$ 577	72.1%
	Total Bus Enhancements	\$ 12,672		\$ 2,110	16.7%	\$ 1,571	12.4%	\$ (540)	-4.3%	\$ 11,102	87.6%
	Total Vehicles/Vehicle Parts:	\$ 234,806		\$ 52,361	22.3%	\$ 49,082	20.9%	\$ (3,279)	-1.4%	\$ 185,724	79.1%

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Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)		
	FY12 Forecast (FY11 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Forecast (FY2011 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Actual Expenditures		FY12 1st Quarter Variance (versus FY11 3rd Qtr Report Forecast dated 5/15/2011) (under)/over		FY12 Remaining Expenditures (as per FY11 3rd Qtr Report Forecast dated 5/15/2011) (a - c)		
	Dollars		Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	
B. Rail System Infrastructure Rehabilitation											
<u>Rail Line Segment Rehabilitation</u>											
CIP0108	Rail Rehabilitation Tier 1: Dupont to Grosvenor	\$ -		\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
CIP0107	Rail Rehabilitation Tier 1: Dupont to Silver Spring	77,904		19,357	24.8%	14,539	18.7%	(4,818)	-6.2%	63,366	81.3%
CIP0110	Rail Rehabilitation Tier 1: National Airport to Stadium Armory	53,418		13,148	24.6%	4,615	8.6%	(8,533)	-16.0%	48,803	91.4%
	Total Rail Line Segment Rehabilitation	\$ 131,323		\$ 32,505	24.8%	\$ 19,154	14.6%	\$ (13,351)	-10.2%	\$ 112,169	85.4%
	Total Rail System Infrastructure Rehabilitation:	\$ 131,323		\$ 32,505	24.8%	\$ 19,154	14.6%	\$ (13,351)	-10.2%	\$ 112,169	85.4%
C. Maintenance Facilities											
<u>Rehabilitation and Replacement of Bus Garages</u>											
CIP0085	Royal Street Bus Garage Replacement (Cinder Bed Road)	\$ 36,745		\$ 5,226	14.2%	\$ 60	0.2%	\$ (5,167)	-14.1%	\$ 36,685	99.8%
CIP0086	Shepherd Parkway Bus Facility	1,089		337	31.0%	-	0.0%	(337)	-31.0%	\$ 1,089	100.0%
CIP0084	Southern Avenue Bus Garage Replacement	37,904		2,452	6.5%	376	1.0%	(2,076)	-5.5%	\$ 37,528	99.0%
	Total Rehabilitation and Replacement of Bus Garages	\$ 75,738		\$ 8,015	10.6%	\$ 435	0.6%	\$ (7,580)	-10.0%	\$ 75,303	99.4%
<u>Maintenance of Bus Garages</u>											
CIP0119	Bus Garage Facility Repairs Tier 1: Western, Northern and Landover	\$ 34,506		\$ 8,404	24.4%	\$ 5,603	16.2%	\$ (2,801)	-8.1%	\$ 28,903	83.8%
	Total Maintenance of Bus Garages	\$ 34,506		\$ 8,404	24.4%	\$ 5,603	16.2%	\$ (2,801)	-8.1%	\$ 28,903	83.8%
<u>Maintenance of Rail Yards</u>											
CIP0116	Rail Yard Facility Repairs Tier 1: Alexandria, Brentwood and New Carrollton	\$ 1,500		\$ 364	24.3%	\$ 263	17.5%	\$ (101)	-6.7%	\$ 1,237	82.5%
	Total Maintenance of Rail Yards	\$ 1,500		\$ 364	24.3%	\$ 263	17.5%	\$ (101)	-6.7%	\$ 1,237	82.5%
<u>Rail Maintenance Facilities</u>											
CIP0071	Test Track & Commissioning Facility	\$ 3,514		\$ 757	21.5%	\$ 458	13.0%	\$ (299)	-8.5%	\$ 3,056	87.0%
	Total Rail Maintenance Facilities	\$ 3,514		\$ 757	21.5%	\$ 458	13.0%	\$ (299)	-8.5%	\$ 3,056	87.0%
<u>Environmental Compliance Projects</u>											
CIP0010	Environmental Compliance Projects	\$ 675		\$ 169	25.0%	\$ 57	8.5%	\$ (111)	-16.5%	\$ 617	91.5%
CIP0011	Underground Storage Tank Replacement	5,002		1,365	27.3%	(133)	-2.7%	(1,498)	-29.9%	\$ 5,136	102.7%
	Total Environmental Compliance Projects	\$ 5,677		\$ 1,533	27.0%	\$ (76)	-1.3%	\$ (1,609)	-28.3%	\$ 5,753	101.3%
<u>Maintenance Bus and Rail Facilities</u>											
CIP0127	Support Equipment - MTPD	\$ 1,030		\$ 7	0.7%	\$ 223	21.6%	\$ 215	20.9%	\$ 807	78.4%
CIP0155	Rehab of Backlick Road Facility	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
CIP0145	Rail Yard Hardening and Bus Security	10,766		2,692	25.0%	21	0.2%	(2,671)	-24.8%	\$ 10,746	99.8%
CIP0126	Fin. Planning, Proj. Administration, and System Wide Infra. Upgrades	1,065		311	29.2%	198	18.6%	(114)	-10.7%	\$ 868	81.4%
	Total Maintenance Bus and Rail Facilities	\$ 12,861		\$ 3,010	23.4%	\$ 441	3.4%	\$ (2,569)	-20.0%	\$ 12,421	96.6%
<u>Expansion of Bus Garages</u>											
CIP0078	Bladensburg Shop Reconfiguration	\$ 5,981		\$ 1,173	19.6%	\$ 264	4.4%	\$ (909)	-15.2%	\$ 5,717	95.6%
CIP0038	Bus Garage Capacity Enhancements	2,038		489	24.0%	-	0.0%	(489)	-24.0%	\$ 2,038	100.0%
	Total Expansion of Bus Garages	\$ 8,019		\$ 1,662	20.7%	\$ 264	3.3%	\$ (1,399)	-17.4%	\$ 7,755	96.7%
	Total Maintenance Facilities:	\$ 141,816		\$ 23,745	16.7%	\$ 7,388	5.2%	\$ (16,357)	-11.5%	\$ 134,428	94.8%

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Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)		
	FY12 Forecast (FY11 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Forecast (FY2011 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Actual Expenditures		FY12 1st Quarter Variance (versus FY11 3rd Qtr Report Forecast dated 5/15/2011) (under)/over		FY12 Remaining Expenditures (as per FY11 3rd Qtr Report Forecast dated 5/15/2011) (a - c)		
	Dollars		Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	
D. Systems and Technology											
Power System Upgrades - Rail											
CIP0077	8-Car Train Power Upgrades	\$ 311		\$ 311	100.0%	\$ (157)	-50.5%	\$ (468)	-150.5%	\$ 468	150.5%
CIP0076	100% 8-Car Train - Power Upgrades	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
	Total Power System Upgrades - Rail	\$ 311		\$ 311	100.0%	\$ (157)	-50.5%	\$ (468)	-150.5%	\$ 468	150.5%
Operations Support Software											
CIP0042	Bus & Rail Asset Management Software	\$ 4,184		\$ 735	17.6%	\$ 615	14.7%	\$ (120)	-2.9%	\$ 3,569	85.3%
CIP0043	Bus Operations Support Software	2,882		334	11.6%	790	27.4%	456	15.8%	\$ 2,092	72.6%
CIP0044	Customer & Regional Integration	5,160		947	18.4%	1,075	20.8%	128	2.5%	\$ 4,085	79.2%
CIP0045	Data Centers and Infrastructures	5,505		1,389	25.2%	1,338	24.3%	(51)	-0.9%	\$ 4,167	75.7%
CIP0047	Enterprise Geographic Information System	3,078		770	25.0%	282	9.1%	(488)	-15.9%	\$ 2,797	90.9%
CIP0052	Network and Communications	5,002		1,667	33.3%	678	13.6%	(989)	-19.8%	\$ 4,323	86.4%
CIP0053	Network Operations Center (NOC)	2,534		531	21.0%	69	2.7%	(462)	-18.2%	\$ 2,465	97.3%
CIP0051	Police Dispatch and Records Management	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
CIP0140	Rail Mileage Based Asset Management	3,108		817	26.3%	43	1.4%	(774)	-24.9%	\$ 3,065	98.6%
CIP0056	Rail Operations Support Software	2,844		770	27.1%	104	3.7%	(666)	-23.4%	\$ 2,740	96.3%
CIP0128	Support Equipment - IT	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
CIP0149	Rail Operations Support Software	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
	Total Operations Support Software	\$ 34,297		\$ 7,959	23.2%	\$ 4,993	14.6%	\$ (2,966)	-8.6%	\$ 29,303	85.4%
Business Support Software & Equipment											
CIP0030	Currency Processing Machines	\$ 1,524		\$ 399	26.2%	\$ 764	50.1%	\$ 365	24.0%	\$ 760	49.9%
CIP0054	Customer Electronic Communications & Outreach	3,115		831	26.7%	266	8.5%	(565)	-18.1%	\$ 2,849	91.5%
CIP0046	Document Management System	1,465		366	25.0%	251	17.1%	(115)	-7.9%	\$ 1,214	82.9%
CIP0196	Safety Measurement System (NEW)	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
CIP0195	Radio Project - Supplemental Coverage (NEW)	-		-	0.0%	-	0.0%	-	0.0%	\$ -	0.0%
CIP0049	Management Support Software	20,802		5,655	27.2%	4,534	21.8%	(1,121)	-5.4%	\$ 16,268	78.2%
CIP0050	Metro IT OneStop and Office Automation	3,632		1,136	31.3%	1,554	42.8%	418	11.5%	\$ 2,078	57.2%
CIP0103	Police Portable Radio Replacement	692		187	27.0%	7	1.0%	(180)	-26.0%	\$ 685	99.0%
CIP0048	Sensitive Data Protection Technology	3,942		939	23.8%	1,043	26.5%	104	2.6%	\$ 2,899	73.5%
CIP0147	FBI National Electronic Countermeasures Program	-		-	0.0%	20	0.0%	20	0.0%	\$ (20)	0.0%
	Total Business Support Software & Equipment	\$ 35,172		\$ 9,512	27.0%	\$ 8,440	24.0%	\$ (1,072)	-3.0%	\$ 26,732	76.0%
Rail Fare Equipment											
CIP0091	Automatic Fare Collection Machines	\$ 1,075		\$ 269	25.0%	\$ -	0.0%	\$ (269)	-25.0%	\$ 1,075	100.0%
CIP0031	Debit/Credit Processing Requirements	343		92	26.7%	201	58.6%	110	31.9%	\$ 142	41.4%
CIP0092	Ethernet Wiring for Rail Fare Machines	-		-	0.0%	85	0.0%	85	0.0%	\$ (85)	0.0%
CIP0032	Fare Media Encoders	505		-	0.0%	-	0.0%	-	0.0%	\$ 505	100.0%
CIP0094	Improvements to Coin Collection Machines	1,991		452	22.7%	-	0.0%	(452)	-22.7%	\$ 1,991	100.0%
CIP0093	Integrating regional NEXTFARE System	1,852		1,147	61.9%	1,378	74.4%	232	12.5%	\$ 473	25.6%
CIP0097	Open Bankcard and Automatic Fare Collection Systems	2,469		555	22.5%	608	24.6%	54	2.2%	\$ 1,861	75.4%
	Total Rail Fare Equipment	\$ 8,236		\$ 2,514	30.5%	\$ 2,273	27.6%	\$ (241)	-2.9%	\$ 5,963	72.4%
	Total Systems and Technology:	\$ 78,016		\$ 20,297	26.0%	\$ 15,549	19.9%	\$ (4,748)	-6.1%	\$ 62,467	80.1%

Washington Metropolitan Area Transit Authority

FY2012 1st Quarter Report

Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)		
	FY12 Forecast (FY11 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Forecast (FY2011 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Actual Expenditures		FY12 1st Quarter Variance (versus FY11 3rd Qtr Report Forecast dated 5/15/2011) (under)/over (a - b)		FY12 Remaining Expenditures (as per FY11 3rd Qtr Report Forecast dated 5/15/2011) (a - c)		
	Dollars		Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	
E. Track and Structures											
<u>Track Rehabilitation</u>											
CIP0023	Third Rail Rehabilitation	\$ 5,575		\$ -	0.0%	\$ 328	5.9%	\$ 328	5.9%	\$ 5,247	94.1%
CIP0089	Track Fasteners	2,128		532	25.0%	1,185	55.7%	653	30.7%	944	44.3%
CIP0019	Track Floating Slab Rehabilitation	1,721		308	17.9%	193	11.2%	(115)	-6.7%	1,528	88.8%
CIP0021	Track Pad/Shock Absorber Rehabilitation	4,119		606	14.7%	539	13.1%	(67)	-1.6%	3,581	86.9%
CIP0024	Track Rehabilitation	39,789		8,715	21.9%	10,126	25.5%	1,412	3.5%	29,662	74.5%
CIP0022	Track Structural Rehabilitation	1,750		397	22.7%	435	24.9%	38	2.2%	1,315	75.1%
CIP0141	Cheverly Abutment	761		500	65.7%	5	0.6%	(495)	-65.1%	756	99.4%
CIP0018	Track Welding Program	2,684		719	26.8%	361	13.4%	(358)	-13.3%	2,324	86.6%
CIP0146	Mainline No. 8 Switch Replacement Program	6,568		2,000	30.4%	252	3.8%	(1,748)	-26.6%	6,316	96.2%
	Total Track Rehabilitation	\$ 65,096		\$ 13,776	21.2%	\$ 13,424	20.6%	\$ (352)	-0.5%	\$ 51,673	79.4%
<u>Station/Tunnel Rehabilitation</u>											
CIP0026	Station/Tunnel Leak Mitigation	\$ 1,698		\$ 436	25.7%	\$ 753	44.4%	\$ 317	18.7%	\$ 945	55.6%
	Total Station/Tunnel Rehabilitation	\$ 1,698		\$ 436	25.7%	\$ 753	44.4%	\$ 317	18.7%	\$ 945	55.6%
	Total Track Rehabilitation:	\$ 66,794		\$ 14,212	21.3%	\$ 14,177	21.2%	\$ (35)	-0.1%	\$ 52,617	78.8%

Washington Metropolitan Area Transit Authority

FY2012 1st Quarter Report

Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)		
	FY12 Forecast (FY11 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Forecast (FY2011 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Actual Expenditures		FY12 1st Quarter Variance (versus FY11 3rd Qtr Report Forecast dated 5/15/2011) (under)/over		FY12 Remaining Expenditures (as per FY11 3rd Qtr Report Forecast dated 5/15/2011) (a - c)		
	Dollars		Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	
F. Passenger Facilities											
<u>Elevator/Escalator Facilities</u>											
CIP0072	Elevator Rehabilitation	\$ 4,045		\$ 1,193	29.5%	\$ 88	2.2%	\$ (1,105)	-27.3%	\$ 3,958	97.8%
CIP0132	Elevator/Escalator Repairables	6,891		2,252	32.7%	651	9.4%	(1,601)	-23.2%	6,240	90.6%
CIP0185	Escalator Replacement (NEW)	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0073	Escalator Rehabilitation	10,272		2,402	23.4%	797	7.8%	(1,605)	-15.6%	9,475	92.2%
	Total Elevator/Escalator Facilities	\$ 21,209		\$ 5,847	27.6%	\$ 1,536	7.2%	\$ (4,311)	-20.3%	\$ 19,673	92.8%
<u>Maintenance of Rail Station Facilities</u>											
CIP0138	System-wide Infrastructure Rehabilitation	\$ 53,571		\$ 10,270	19.2%	\$ 6,179	11.5%	\$ (4,091)	-7.6%	\$ 47,392	88.5%
CIP0153	Accessible Station Signage	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0087	Station Rehabilitation Program	7,832		1,958	25.0%	1,927	24.6%	(31)	-0.4%	5,906	75.4%
CIP0150	Fire Systems	-		-	0.0%	10	0.0%	10	0.0%	(10)	0.0%
CIP0151	Station Cooling Program	-		-	0.0%	176	0.0%	176	0.0%	(176)	0.0%
CIP0152	Parking Garage Rehabilitation	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
	Total Maintenance of Rail Station Facilities	\$ 61,403		\$ 12,229	19.9%	\$ 8,293	13.5%	\$ (3,936)	-6.4%	\$ 53,111	86.5%
<u>Bicycle & Pedestrian Facilities</u>											
CIP0035	Bicycle & Pedestrian Facilities: Capacity Improvements	\$ 1,309		\$ 307	23.5%	\$ 41	3.1%	\$ (267)	-20.4%	\$ 1,269	96.9%
CIP0036	Replacement of Bicycle Racks & Lockers	318		85	26.6%	17	5.5%	(67)	-21.1%	301	94.5%
	Total Bicycle & Pedestrian Facilities	\$ 1,627		\$ 392	24.1%	\$ 58	3.6%	\$ (334)	-20.5%	\$ 1,570	96.4%
<u>Rail Station: Capacity/Enhancements</u>											
CIP0039	Core & System Capacity Project Development	\$ 2,724		\$ 409	15.0%	\$ 127	4.7%	\$ (282)	-10.3%	\$ 2,597	95.3%
CIP0178	Union Station Access and Capacity Improvements (NEW)	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0179	Gallery Place Access and Capacity Improvements (NEW)	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0074	Installation of Parking Lot Credit Card Readers	7,468		1,867	25.0%	-	0.0%	(1,867)	-25.0%	7,468	100.0%
CIP0088	Station Entrance Canopies	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
	Total Rail Station: Capacity/Enhancements	\$ 10,192		\$ 2,276	22.3%	\$ 127	1.2%	\$ (2,149)	-21.1%	\$ 10,065	98.8%
<u>Bus Priority Corridor Improvements</u>											
CIP0037	Bus Priority Corridor Network Enhancements	\$ 3,335		\$ 834	25.0%	\$ 258	7.7%	\$ (576)	-17.3%	\$ 3,077	92.3%
	Total Bus Priority Corridor Improvements	\$ 3,335		\$ 834	25.0%	\$ 258	7.7%	\$ (576)	-17.3%	\$ 3,077	92.3%
<u>Rail Station Equipment</u>											
CIP0099	Police Emergency Management Equipment	\$ 602		\$ 206	34.3%	\$ 199	33.0%	\$ (7)	-1.2%	\$ 403	67.0%
	Total Rail Station Equipment	\$ 602		\$ 206	34.3%	\$ 199	33.0%	\$ (7)	-1.2%	\$ 403	67.0%
	Total Passenger Facilities:	\$ 98,368		\$ 21,783	22.1%	\$ 10,470	10.6%	\$ (11,312)	-11.5%	\$ 87,898	89.4%

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Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)		
	FY12 Forecast (FY11 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Forecast (FY2011 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Actual Expenditures		FY12 1st Quarter Variance (versus FY11 3rd Qtr Report Forecast dated 5/15/2011) (under)/over		FY12 Remaining Expenditures (as per FY11 3rd Qtr Report Forecast dated 5/15/2011) (a - c)		
	Dollars		Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	
G. Maintenance Equipment											
<u>Rail Maintenance Equipment</u>											
CIP0136	FCC Radio Frequency Communication Changes	\$ 1,910		\$ 352	18.4%	\$ 113	5.9%	\$ (239)	-12.5%	\$ 1,797	94.1%
CIP0065	Geometry Vehicle	2,212		863	39.0%	548	24.7%	(316)	-14.3%	1,665	75.3%
CIP0139	NTSB Recommendations	8,565		715	8.4%	304	3.5%	(412)	-4.8%	8,261	96.5%
CIP0139_06	Replace GRS Track Circuits	18,236		4,559	25.0%	784	4.3%	(3,774)	-20.7%	17,451	95.7%
CIP0139_07	Inspect Procedure-Track Circuit	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0139_08	Tech Bulletin & Safety Info	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0139_09	Remove Unnecessary Wayside Com	5,607		1,936	34.5%	182	3.2%	(1,754)	-31.3%	5,425	96.8%
CIP0139_10	NTSB ATC System Safety Analysis	4,188		354	8.5%	98	2.3%	(256)	-6.1%	4,090	97.7%
CIP0139_11	Design/Oper/Maint Poten. Failure	16,883		4,221	25.0%	-	0.0%	(4,221)	-25.0%	16,883	100.0%
CIP0139_12	Cable Insulation Testing	7,860		1,967	25.0%	39	0.5%	(1,929)	-24.5%	7,822	99.5%
CIP0139_13	FTA Recommendation: TOC Audit	163		-	0.0%	-	0.0%	-	0.0%	163	100.0%
CIP0139_14	Periodic Compreh Data Review	95		24	25.2%	-	0.0%	(24)	-25.2%	95	100.0%
CIP0139_15	Safety Reporting Prog & Review	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0139_16	Hazard Identification & Resolu	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0139_17	Audit and Open CAPs	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0139_19	Onboard Event Recorders 1K/4K	4,419		563	12.7%	(68)	-1.5%	(631)	-14.3%	4,487	101.5%
CIP0139_20	Program to Monitor Recorders	1,547		480	31.0%	-	0.0%	(480)	-31.0%	1,547	100.0%
CIP0139_P1	Examine Track Circuits	3,354		423	12.6%	1,091	32.5%	668	19.9%	2,263	67.5%
CIP0139_P2	Elec Compo Peforming in TC Sys	2,327		138	5.9%	8	0.4%	(130)	-5.6%	2,319	99.6%
CIP0139_P3	Redundancy of ATC	-		-	0.0%	-	0.0%	-	0.0%	-	0.0%
CIP0139_P4	Loss of Shunt Tools	2,116		1,037	49.0%	144	6.8%	(892)	-42.2%	1,972	93.2%
CIP0139_P5	Enhanced Track Circuit Verifi	3,333		931	27.9%	40	1.2%	(891)	-26.7%	3,293	98.8%
CIP0139_P6	Replace power cables	10,809		2,577	23.8%	1,135	10.5%	(1,442)	-13.3%	9,673	89.5%
CIP0066	Rail Shop Repair Equipment	4,671		987	21.1%	(169)	-3.6%	(1,156)	-24.7%	4,840	103.6%
CIP0020	Replacement of Rail Track Signage	1,075		316	29.4%	96	8.9%	(220)	-20.5%	978	91.1%
CIP0027	Switch Machine Rehabilitation Project	1,263		491	38.9%	248	19.6%	(243)	-19.3%	1,015	80.4%
CIP0025	Track Maintenance Equipment	26,803		-	0.0%	-	0.0%	-	0.0%	26,803	100.0%
CIP0135	Train Control Signal	5,681		1,420	25.0%	263	4.6%	(1,157)	-20.4%	5,418	95.4%
CIP0133	Wayside Work Equipment	6,151		771	12.5%	489	8.0%	(282)	-4.6%	5,662	92.0%
	Total Rail Maintenance Equipment	\$ 139,266		\$ 25,126	18.0%	\$ 5,345	3.8%	\$ (19,780)	-14.2%	\$ 133,921	96.2%
<u>Bus Repair Equipment</u>											
CIP0004	Bus Repair Equipment	\$ 7,177		\$ 1,300	18.1%	\$ (100)	-1.4%	\$ (1,399)	-19.5%	\$ 7,276	101.4%
	Total Bus Repair Equipment	\$ 7,177		\$ 1,300	18.1%	\$ (100)	-1.4%	\$ (1,399)	-19.5%	\$ 7,276	101.4%
<u>Business Facilities Equipment</u>											
CIP0028	Materials Handling Equipment	\$ 171		\$ 65	38.3%	\$ 85	49.7%	\$ 19	11.4%	\$ 86	50.3%
CIP0029	Warehouse Vertical Storage Units/Shelving	946		257	27.1%	10	1.1%	(246)	-26.0%	935	98.9%
	Total Business Facilities Equipment	\$ 1,116		\$ 322	28.8%	\$ 95	8.5%	\$ (227)	-20.3%	\$ 1,021	91.5%
	Total Maintenance Equipment:	\$ 147,559		\$ 26,747	18.1%	\$ 5,341	3.6%	\$ (21,406)	-14.5%	\$ 142,218	96.4%

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Appendix A-2: FY2012 1st Quarter Actual CIP Expenditures Compared to FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)	
	FY12 Forecast (FY11 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Forecast (FY2011 3rd Qtr Report Forecast dated 5/15/2011)		FY12 1st Quarter Actual Expenditures		FY12 1st Quarter Variance (versus FY11 3rd Qtr Report Forecast dated 5/15/2011) (under)/over (a - b)		FY12 Remaining Expenditures (as per FY11 3rd Qtr Report Forecast dated 5/15/2011) (a - c)	
	Dollars		Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast	Dollars	% of Forecast
H. Other Facilities										
Business Support Facilities										
CIP0080	Jackson Graham Building Renovation	\$ 6,340	\$ 1,578	24.9%	\$ 710	11.2%	\$ (869)	-13.7%	\$ 5,630	88.8%
CIP0033	Replacement of Revenue Facility Equipment	796	191	24.0%	-	0.0%	(191)	-24.0%	\$ 796	100.0%
CIP0034	Revenue Collection Facility (RCF) Building Expansion	259	-	0.0%	-	0.0%	-	0.0%	\$ 259	100.0%
CIP0144	Bus Operations Control Center	-	-	0.0%	4	0.0%	4	0.0%	\$ (4)	0.0%
	Total Business Support Facilities	\$ 7,395	\$ 1,769	23.9%	\$ 713	9.6%	\$ (1,056)	-14.3%	\$ 6,681	90.4%
MTPD Support Facilities										
CIP0101	District 2 Police Substation & Training Facility	\$ -	\$ -	0.0%	\$ 152	0.0%	\$ 152	0.0%	\$ (152)	0.0%
CIP0106	Special Operations Division Facility	830	182	21.9%	7,566	911.7%	7,384	889.9%	\$ (6,736)	-811.7%
	Total MTPD Support Facilities	\$ 830	\$ 182	21.9%	\$ 7,717	930.0%	\$ 7,536	908.2%	\$ (6,887)	-830.0%
	Total Other Facilities:	\$ 8,224	\$ 1,951	23.7%	\$ 8,431	102.5%	\$ 6,480	78.8%	\$ (206)	-2.5%
I. Program Management/Credit Facility										
Credit Facility										
CIP0131	Credit Facility	\$ 5,661	\$ 1,415	25.0%	\$ 537	9.5%	\$ (878)	-15.5%	\$ 5,124	90.5%
	Total Credit Facility	\$ 5,661	\$ 1,415	25.0%	\$ 537	9.5%	\$ (878)	-15.5%	\$ 5,124	90.5%
	Total Program Management/Credit Facility:	\$ 5,661	\$ 1,415	25.0%	\$ 537	9.5%	\$ (878)	-15.5%	\$ 5,124	90.5%
Program Total										
	Total:	\$ 912,567	\$ 195,016	21.4%	\$ 130,129	14.3%	\$ (64,887)	-7.1%	\$ 782,438	85.7%



Appendix B: FY2012 1st Quarter CIP Project Variance Analysis: Issues and Impacts

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FY2012 1st Quarter Report



Appendix B: FY2012 1st Quarter CIP Project Variance Analysis: Issues and Impacts

All Dollars in Thousands

		FY12 1st Quarter Forecast (3 rd Qtr Report Forecast dated 5/15/11)	FY12 1st Quarter Actual Expenditures	FY12 1st Quarter Variance (under)/over	FY12 1st Quarter Variance %	Issue	Impact	Resolution
CIP0139	NTSB Recommendations	\$ 19,925	\$ 3,757	\$ (16,167)	-81.1%	Track access availability, resource issues and need to complete systems analyses and evaluations slowed progress for the first quarter.	Some underspending for FY12 is anticipated.	Track access opportunities are being increased by use of more shutdowns and daytime non-peak windows; added resources will be sought through hiring and consultant support; systems analyses is being expedited to evaluate analysis recommendations.
CIP0110	Rail Rehabilitation Tier 1: National Airport to Stadium Armory	\$ 13,148	\$ 4,615	\$ (8,533)	-64.9%	Contractor design is taking more time than anticipated to complete due to lack of sufficient track access, a slower than planned pace of ATC design because ATC design was started at the most complex part of the system, and WMATA Design Criteria changes that were considered necessary to make during the design process.	Some reduction in completed construction and expenditure for FY12 is anticipated.	A revised track access process has been implemented with positive results, design is focused so as not to impede Phase 1 construction, scope changes have been agreed to and the contractor has been directed to restart design of elements held up due to pending changes.
CIP0085	Royal Street Bus Garage Replacement (Cinder Bed Road)	\$ 5,226	\$ 60	\$ (5,167)	-98.9%	Contract NTP was delayed due to a lawsuit filed by a neighborhood group against the County regarding perceived impacts created by the proposed bus garage.	Construction of Bus Garage will be delayed.	A LNTF has been issued to the D/B contractor for sitework and facility design and for sitework construction. A full NTP for facility construction will be issued upon successful resolution of the lawsuit.
CIP0107	Rail Rehabilitation Tier 1: Dupont to Silver Spring	\$ 19,357	\$ 14,539	\$ (4,818)	-24.9%	Competition for track access availability with other projects slowed for removal and replacement of ETS cables; delays in approval and acceptance of contractor proposed Switchgear equipment may result in significant delay if 12 months testing is required to establish equipment acceptance.	Completion of these tasks will be delayed.	Contractor is being allowed to work on Phase 2 through 4 activities when shutdown or other single tracking schedules permit to compensate for inability to complete planned tasks.
CIP0138	System-wide Infrastructure Rehabilitation	\$ 10,270	\$ 6,179	\$ (4,091)	-39.8%	Closeout and finalization of contract modifications were processed in the first quarter but some closeouts are taking longer to resolve than planned.	Expenditures for the year are not anticipated to be impacted.	Additional staff support will be applied for the remainder of the fiscal year to accelerate completion of this activity.
CIP0005	Bus Rehabilitation Program	\$ 6,763	\$ 3,820	\$ (2,943)	-43.5%	Project is on schedule with 26 buses rehabbed in Q1. Lag in transfer of labor and parts expenses to this capital project and delayed journal entries to capitalize costs make up this underrun.	Expenditures for the year are not anticipated to be impacted.	Work ongoing to establish automatic transfer of labor expenses - identifying mechanics who work on capital projects to eliminate need for manual transfer of labor; monthly review of journal transfers and entries.
CIP0067	Rail Car Safety & Reliability Enhancements	\$ 4,185	\$ 1,291	\$ (2,894)	-69.2%	Schedule delay occurred on subprojects 03 (Communication Control Panels) due to design issues now corrected; 07 (Roll Back Prevention) for 5k vehicles, NTP for design issued July 6, 2011 and in the process of finalizing the design; and 08 (Fleet Standardization) due to need to add wiring changes to the designs for 2K, 3K and 6K vehicles.	Some reduction in completed Safety and Reliability enhancements and expenditure for FY12 is anticipated.	Retrofit work for 03 will begin in December 2011; a bid package is being prepared for 07, and; a bid package is being prepared to address 08 wiring changes.
CIP0119	Bus Garage Facility Repairs Tier 1: Western, Northern and Landover	\$ 8,404	\$ 5,603	\$ (2,801)	-33.3%	The contract was awarded on November 4. Sixty five percent of the contract is DB and design time by the contractor is longer than initially planned.	The first quarter underrun will be recovered in FY12.	Contractor design is approaching completion which will allow non-JOC construction to begin. Northern Bus Garage construction in the second quarter will result in significant increase in construction completion and expenditure.
CIP0145	Rail Yard Hardening and Bus Security	\$ 2,692	\$ 21	\$ (2,671)	-99.2%	This work will be executed under two separate contract packages. Only the rail facilities fencing, gate and site lighting will advance to construction stage by late FY12. CCTV security and access control must be implemented subsequent to this contract and is currently planned after FY12.	Reduction in completed construction and expenditure for FY12 is anticipated.	Both design packages are in development since the work between construction contracts must be fully integrated. Fencing, gate and site lighting construction will be procured concurrent with request for release of grant funds for construction.
CIP0084	Southern Avenue Bus Garage Replacement	\$ 2,452	\$ 376	\$ (2,076)	-84.7%	A delay in the award of the D/B contract has delayed design activity in the first quarter.	Some reduction in completed construction and expenditure for FY12 is anticipated.	Public hearing was held on 7/27/11 and Draft Report published and comment period closed on 8/26/11. BAFO requested on 9/12/11.
Total for Selected Projects		\$ 92,421	\$ 40,261	\$ (52,160)	-56.4%			



Appendix C: Current FY2012 and FY2013 CIP Expenditure Forecast Compared to FY2012 Approved Budget and 3rd Quarter Report Forecast (5/15/2011)

Washington Metropolitan Area Transit Authority

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Appendix C: Current FY2012 and FY2013 CIP Expenditure Forecast Compared to FY2012 Approved Budget and FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands

	(a) (b) (c) (d)				(e) (f) (g) (h)				(i)	
	FY2012				FY2013				FY2012 + FY2013	
	Approved FY12 Budget (dated 6/23/2011)*	FY11 3rd Quarter Report Forecast for FY12 (5/15/2011)	Current FY12 PM Forecast	FY11 3rd Qtr Report & Current FY12 Forecast Variance (under)/over (c - b)	FY13 Forecast as per Approved FY12 Budget (6/23/2011)	FY11 3rd Quarter Report Forecast for FY13 (5/15/2011)	Current FY13 PM Forecast	FY11 3rd Qtr Report & Current FY13 Forecast Variance (under)/over (g - f)	Total 3rd Qtr Report & Current Forecast Variance (under)/over (d + h)	
A. Vehicles/Vehicle Parts										
Replacement of Rail Cars										
CIP0057	1000 Series Rail Car Replacement	\$ 8,000	\$ 10,384	\$ 5,578	\$ (4,806)	\$ 11,753	\$ 2,192	\$ 2,764	\$ 572	\$ (4,234)
CIP0060	4000 Series Rail Car Replacement	-	-	-	-	-	-	-	-	-
	Total Replacement of Rail Cars	\$ 8,000	\$ 10,384	\$ 5,578	\$ (4,806)	\$ 11,753	\$ 2,192	\$ 2,764	\$ 572	\$ (4,234)
Replacement of Buses										
CIP0006	Bus Replacement	\$ 97,410	\$ 69,310	\$ 114,500	\$ 45,190	\$ 28,207	\$ 56,307	\$ 29,347	\$ (26,960)	\$ 18,230
	Total Replacement of Buses	\$ 97,410	\$ 69,310	\$ 114,500	\$ 45,190	\$ 28,207	\$ 56,307	\$ 29,347	\$ (26,960)	\$ 18,230
Rehabilitation of Rail Cars										
CIP0064	1000 Series Rail Car HVAC Rehabilitation	\$ 2,152	\$ 3,429	\$ 3,184	\$ (245)	\$ 190	\$ 198	\$ 198	\$ (0)	\$ (245)
CIP0058	2000/3000 Series Rail Car Mid-Life Rehabilitation	3,031	3,316	949	(2,367)	1,153	1,153	914	(239)	(2,606)
CIP0067	Rail Car Safety & Reliability Enhancements	8,737	8,382	11,792	3,410	1,502	4,591	3,089	3,089	6,499
CIP0063	Rail Rehabilitation Program	21,522	24,613	22,917	(1,695)	19,703	19,703	19,731	28	(1,668)
CIP0125	Rail Preventive Maintenance	-	-	-	-	-	-	-	-	-
CIP0142	Rail Lifecycle Overhaul	20,800	20,800	20,811	11	20,864	20,864	20,881	18	29
CIP0148	Repair of Damaged Railcars	-	6,933	2,194	(4,739)	-	615	3,075	2,460	(2,279)
	Total Rehabilitation of Rail Cars	\$ 56,242	\$ 67,473	\$ 61,846	\$ (5,626)	\$ 43,411	\$ 44,034	\$ 49,390	\$ 5,356	\$ (270)
Rehabilitation of Buses										
CIP0005	Bus Rehabilitation Program	\$ 30,081	\$ 30,081	\$ 31,528	\$ 1,448	\$ 30,862	\$ 30,862	\$ 30,862	\$ 0	\$ 1,448
CIP0008	Bus Repairables	7,703	8,438	11,732	3,293	12,770	12,770	12,790	20	3,313
CIP0137	Bus Preventive Maintenance	-	-	-	-	-	-	-	-	-
CIP0143	Bus Lifecycle Overhaul	10,715	10,715	10,720	5	10,748	10,748	10,757	9	15
	Total Rehabilitation of Buses	\$ 48,499	\$ 49,234	\$ 53,980	\$ 4,746	\$ 54,380	\$ 54,381	\$ 54,409	\$ 29	\$ 4,775
Replacement of MetroAccess Vehicles										
CIP0015	MetroAccess Fleet Replacement	\$ 11,559	\$ 11,557	\$ 11,392	\$ (165)	\$ 12,202	\$ 12,202	\$ 12,219	\$ 17	\$ (148)
	Total Replacement of MetroAccess Vehicles	\$ 11,559	\$ 11,557	\$ 11,392	\$ (165)	\$ 12,202	\$ 12,202	\$ 12,219	\$ 17	\$ (148)
Replacement of Service Vehicles										
CIP0009	Service Vehicle Replacement	\$ 5,529	\$ 5,582	\$ 7,607	\$ 2,024	\$ 7,964	\$ 8,039	\$ 8,039	\$ 0	\$ 2,024
	Total Replacement of Service Vehicles	\$ 5,529	\$ 5,582	\$ 7,607	\$ 2,024	\$ 7,964	\$ 8,039	\$ 8,039	\$ 0	\$ 2,024
Rail Car Fleet Expansion										
CIP0062	6000 Series Rail Car Procurement	\$ 2,761	\$ 8,594	\$ 4,635	\$ (3,959)	\$ 1,042	\$ 551	\$ 895	\$ 344	\$ (3,615)
	Total Rail Car Fleet Expansion	\$ 2,761	\$ 8,594	\$ 4,635	\$ (3,959)	\$ 1,042	\$ 551	\$ 895	\$ 344	\$ (3,615)
Bus Fleet Expansion										
CIP0003	Bus Capacity Enhancements: Fleet Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total Bus Fleet Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bus Enhancements										
CIP0002	Automatic Vehicle Location Equipment Replacement	\$ 4,330	\$ 11,872	\$ 8,328	\$ (3,544)	\$ 30,460	\$ 24,413	\$ 28,806	\$ 4,393	\$ 849
CIP0007	Bus Camera Installation	-	800	1,287	487	-	-	-	-	487
	Total Bus Enhancements	\$ 4,330	\$ 12,672	\$ 9,616	\$ (3,056)	\$ 30,460	\$ 24,413	\$ 28,806	\$ 4,393	\$ 1,337
	Total Vehicles/Vehicle Parts:	\$ 234,330	\$ 234,806	\$ 269,154	\$ 34,348	\$ 189,417	\$ 202,119	\$ 185,869	\$ (16,250)	\$ 18,098
B. Rail System Infrastructure Rehabilitation										
Rail Line Segment Rehabilitation										
CIP0108	Rail Rehabilitation Tier 1: Dupont to Grosvenor	\$ -	\$ -	\$ -	\$ -	\$ 4,010	\$ 4,010	\$ 4,032	\$ 22	\$ 22
CIP0107	Rail Rehabilitation Tier 1: Dupont to Silver Spring	26,350	77,904	59,614	(18,291)	76,389	57,549	76,761	19,213	922
CIP0110	Rail Rehabilitation Tier 1: National Airport to Stadium Armory	63,783	53,418	40,000	(13,418)	51,968	59,868	65,948	6,080	(7,339)
	Total Rail Line Segment Rehabilitation	\$ 90,133	\$ 131,323	\$ 99,614	\$ (31,709)	\$ 132,367	\$ 121,427	\$ 146,741	\$ 25,314	\$ (6,395)
	Total Rail System Infrastructure Rehabilitation:	\$ 90,133	\$ 131,323	\$ 99,614	\$ (31,709)	\$ 132,367	\$ 121,427	\$ 146,741	\$ 25,314	\$ (6,395)

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Appendix C: Current FY2012 and FY2013 CIP Expenditure Forecast Compared to FY2012 Approved Budget and FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands

	(a)		(b)		(c)		(d)		(e)		(f)		(g)		(h)		(i)		
	Approved FY12 Budget (dated 6/23/2011)*	FY11 3rd Quarter Report Forecast for FY12 (5/15/2011)	Current FY12 PM Forecast	FY11 3rd Qtr Report & Current FY12 Forecast Variance (under)/over (c - b)	FY13 Forecast as per Approved FY12 Budget (6/23/2011)	FY11 3rd Quarter Report Forecast for FY13 (5/15/2011)	Current FY13 PM Forecast	FY11 3rd Qtr Report & Current FY13 Forecast Variance (under)/over (g - f)	FY2012 + FY2013	Total 3rd Qtr Report & Current Forecast Variance (under)/over (d + h)									
C. Maintenance Facilities																			
Rehabilitation and Replacement of Bus Garages																			
CIP0085	Royal Street Bus Garage Replacement (Cinder Bed Road)	\$ 31,768	\$ 36,745	\$ 19,338	\$ (17,407)	\$ 47,979	\$ 47,979	\$ 31,932	\$ (16,047)	\$ (33,454)									
CIP0086	Shepherd Parkway Bus Facility	30,719	1,089	6,913	5,824	14,918	14,918	2,612	(12,306)	(6,482)									
CIP0084	Southern Avenue Bus Garage Replacement	29,246	37,904	26,613	(11,291)	51,759	51,759	41,492	(10,268)	(21,559)									
	Total Rehabilitation and Replacement of Bus Garages	\$ 91,733	\$ 75,738	\$ 52,864	\$ (22,874)	\$ 114,657	\$ 114,657	\$ 76,036	\$ (38,621)	\$ (61,495)									
Maintenance of Bus Garages																			
CIP0119	Bus Garage Facility Repairs Tier 1: Western, Northern and Landover	\$ 25,947	\$ 34,506	\$ 30,484	\$ (4,022)	\$ 30,845	\$ 30,844	\$ 32,716	\$ 1,872	\$ (2,151)									
	Total Maintenance of Bus Garages	\$ 25,947	\$ 34,506	\$ 30,484	\$ (4,022)	\$ 30,845	\$ 30,844	\$ 32,716	\$ 1,872	\$ (2,151)									
Maintenance of Rail Yards																			
CIP0116	Rail Yard Facility Repairs Tier 1: Alexandria, Brentwood and New Carrollton	\$ 15,499	\$ 1,500	\$ 15,485	\$ 13,985	\$ 14,777	\$ 29,776	\$ 14,777	\$ (14,999)	\$ (1,014)									
	Total Maintenance of Rail Yards	\$ 15,499	\$ 1,500	\$ 15,485	\$ 13,985	\$ 14,777	\$ 29,776	\$ 14,777	\$ (14,999)	\$ (1,014)									
Rail Maintenance Facilities																			
CIP0071	Test Track & Commissioning Facility	\$ 3,000	\$ 3,514	\$ 5,173	\$ 1,659	\$ 40,000	\$ 40,000	\$ 51,171	\$ 11,171	\$ 12,829									
	Total Rail Maintenance Facilities	\$ 3,000	\$ 3,514	\$ 5,173	\$ 1,659	\$ 40,000	\$ 40,000	\$ 51,171	\$ 11,171	\$ 12,829									
Environmental Compliance Projects																			
CIP0010	Environmental Compliance Projects	\$ 655	\$ 675	\$ 593	\$ (81)	\$ 692	\$ 692	\$ 774	\$ 82	\$ 1									
CIP0011	Underground Storage Tank Replacement	4,476	5,002	4,989	(13)	2,530	2,530	2,534	4	(9)									
	Total Environmental Compliance Projects	\$ 5,131	\$ 5,677	\$ 5,583	\$ (94)	\$ 3,222	\$ 3,222	\$ 3,308	\$ 86	\$ (8)									
Maintenance Bus and Rail Facilities																			
CIP0127	Support Equipment - MTPD	\$ 1,030	\$ 1,030	\$ 1,238	\$ 209	\$ 1,060	\$ 1,060	\$ 1,061	\$ 2	\$ 210									
CIP0145	Rail Yard Hardening and Bus Security (NEW)	10,379	10,766	9,239	(1,528)	5,188	5,398	6,640	1,242	(285)									
CIP0126	Financial Planning, Project Administration, and System Wide Infrastructure	1,067	1,065	1,578	512	2,099	2,099	2,020	(79)	433									
	Total Maintenance Bus and Rail Facilities	\$ 12,475	\$ 12,861	\$ 12,055	\$ (807)	\$ 8,346	\$ 8,556	\$ 9,721	\$ 1,165	\$ 358									
Expansion of Bus Garages																			
CIP0078	Bladensburg Shop Reconfiguration	\$ 6,549	\$ 5,981	\$ 3,539	\$ (2,442)	\$ 7,258	\$ 7,258	\$ 10,198	\$ 2,940	\$ 499									
CIP0038	Bus Garage Capacity Enhancements	2,206	2,038	62	(1,976)	-	-	-	-	(1,976)									
	Total Expansion of Bus Garages	\$ 8,754	\$ 8,019	\$ 3,601	\$ (4,418)	\$ 7,258	\$ 7,258	\$ 10,198	\$ 2,940	\$ (1,478)									
	Total Maintenance Facilities:	\$ 162,540	\$ 141,816	\$ 125,244	\$ (16,572)	\$ 219,104	\$ 234,313	\$ 197,927	\$ (36,386)	\$ (52,958)									

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Appendix C: Current FY2012 and FY2013 CIP Expenditure Forecast Compared to FY2012 Approved Budget and FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands

	(a) (b) (c) (d)				(e) (f) (g) (h)				(i)	
	FY2012				FY2013				FY2012 + FY2013	
	Approved FY12 Budget (dated 6/23/2011)*	FY11 3rd Quarter Report Forecast for FY12 (5/15/2011)	Current FY12 PM Forecast	FY11 3rd Qtr Report & Current FY12 Forecast Variance (under)/over (c - b)	FY13 Forecast as per Approved FY12 Budget (6/23/2011)	FY11 3rd Quarter Report Forecast for FY13 (5/15/2011)	Current FY13 PM Forecast	FY11 3rd Qtr Report & Current FY13 Forecast Variance (under)/over (g - f)	Total 3rd Qtr Report & Current Forecast Variance (under)/over (d + h)	
D. Systems and Technology										
Power System Upgrades - Rail										
CIP0077	8-Car Train Power Upgrades	\$ -	\$ 311	\$ 74	\$ (237)	\$ -	\$ -	\$ -	\$ -	\$ (237)
CIP0076	100 % 8-Car Train - Power Upgrades	-	-	-	-	6,986	6,986	6,997	11	11
	Total Power System Upgrades - Rail	\$ -	\$ 311	\$ 74	\$ (237)	\$ 6,986	\$ 6,986	\$ 6,997	\$ 11	\$ (226)
Operations Support Software										
CIP0042	Bus & Rail Asset Management Software	\$ 4,185	\$ 4,184	\$ 4,557	\$ 373	\$ 5,800	\$ 5,800	\$ 5,801	\$ 1	\$ 373
CIP0043	Bus Operations Support Software	1,992	2,882	4,365	1,483	3,000	3,000	3,004	5	1,488
CIP0044	Customer & Regional Integration	6,201	5,160	7,474	2,314	3,776	3,776	3,782	6	2,320
CIP0045	Data Centers and Infrastructures	4,242	5,505	5,291	(214)	2,880	3,400	3,400	(0)	(214)
CIP0047	Enterprise Geographic Information System	2,949	3,078	3,029	(49)	2,574	2,570	3,155	585	536
CIP0052	Network and Communications	5,003	5,002	5,659	658	6,200	6,200	6,200	(0)	658
CIP0053	Network Operations Center (NOC)	493	2,534	2,071	(463)	1,767	2,287	2,285	(2)	(465)
CIP0051	Police Dispatch and Records Management	1,559	-	1,481	1,481	520	-	1,005	1,005	2,486
CIP0140	Rail Mileage Based Asset Management	2,176	3,108	3,396	288	2,671	4,662	3,999	(662)	(374)
CIP0056	Rail Operations Support Software	1,712	2,844	2,366	(478)	5,149	5,149	5,149	(0)	(478)
CIP0128	Support Equipment - IT	1,559	-	3,631	3,631	1,559	-	3,059	3,059	6,690
CIP0149	Transit Asset Management System	-	-	1,375	1,375	-	-	1,625	1,625	3,000
	Total Operations Support Software	\$ 32,071	\$ 34,297	\$ 44,694	\$ 10,398	\$ 35,896	\$ 36,843	\$ 42,465	\$ 5,621	\$ 16,019
Business Support Software & Equipment										
CIP0030	Currency Processing Machines	\$ 1,456	\$ 1,524	\$ 2,303	\$ 779	\$ 799	\$ 799	\$ 308	\$ (491)	\$ 288
CIP0054	Customer Electronic Communications & Outreach	3,114	3,115	3,134	19	2,800	2,800	2,805	5	24
CIP0046	Document Management System	1,465	1,465	2,052	587	2,000	2,000	2,003	3	590
CIP0049	Management Support Software	19,839	20,802	18,727	(2,075)	5,040	4,104	4,148	44	(2,030)
CIP0050	Metro IT OneStop and Office Automation	1,834	3,632	4,051	419	3,003	5,081	5,080	(1)	417
CIP0103	Police Portable Radio Replacement	667	692	694	2	669	696	696	(0)	2
CIP0048	Sensitive Data Protection Technology	3,616	3,942	4,136	194	4,758	4,758	5,351	592	786
CIP0147	FBI National Electronic Countermeasures Program	-	-	350	350	-	-	-	-	350
	Total Business Support Software & Equipment	\$ 31,991	\$ 35,172	\$ 35,446	\$ 274	\$ 19,068	\$ 20,238	\$ 20,391	\$ 153	\$ 427
Rail Fare Equipment										
CIP0091	Automatic Fare Collection Machines	\$ 1,075	\$ 1,075	\$ 919	\$ (156)	\$ 1,111	\$ 1,111	\$ 897	\$ (214)	\$ (369)
CIP0031	Debit/Credit Processing Requirements	507	343	887	543	257	257	258	1	544
CIP0092	Ethernet Wiring for Rail Fare Machines	-	-	1,362	1,362	-	-	1,755	1,755	3,117
CIP0032	Fare Media Encoders	579	505	516	11	-	1,017	1,006	(11)	(0)
CIP0094	Improvements to Coin Collection Machines	-	1,991	2,167	176	-	-	2,354	2,354	2,530
CIP0093	Integrating regional NEXTFARE System	955	1,852	2,068	216	195	195	195	0	216
CIP0097	Open Bankcard and Automatic Fare Collection Systems	2,250	2,469	2,858	389	360	360	28,606	28,246	28,635
	Total Rail Fare Equipment	\$ 5,365	\$ 8,236	\$ 10,777	\$ 2,541	\$ 1,923	\$ 2,940	\$ 35,072	\$ 32,132	\$ 34,673
	Total Systems and Technology:	\$ 69,428	\$ 78,016	\$ 90,991	\$ 12,976	\$ 63,874	\$ 67,008	\$ 104,924	\$ 37,917	\$ 50,892

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Appendix C: Current FY2012 and FY2013 CIP Expenditure Forecast Compared to FY2012 Approved Budget and FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands

	(a) (b) (c) (d)				(e) (f) (g) (h)				(i)	
	FY2012				FY2013				FY2012 + FY2013	
	Approved FY12 Budget (dated 6/23/2011)*	FY11 3rd Quarter Report Forecast for FY12 (5/15/2011)	Current FY12 PM Forecast	FY11 3rd Qtr Report & Current FY12 Forecast Variance (under)/over (c - b)	FY13 Forecast as per Approved FY12 Budget (6/23/2011)	FY11 3rd Quarter Report Forecast for FY13 (5/15/2011)	Current FY13 PM Forecast	FY11 3rd Qtr Report & Current FY13 Forecast Variance (under)/over (g - f)	Total 3rd Qtr Report & Current Forecast Variance (under)/over (d + h)	
E. Track and Structures										
Track Rehabilitation										
CIP0023	\$ 5,517	\$ 5,575	\$ 5,012	\$ (563)	\$ 4,184	\$ 4,227	\$ 5,217	\$ 990	\$ 427	
CIP0089	2,053	2,128	3,614	1,486	2,059	2,142	83	(2,059)	(573)	
CIP0019	1,410	1,721	1,511	(210)	1,319	1,333	1,372	39	(171)	
CIP0021	4,097	4,119	2,569	(1,550)	2,155	2,178	3,867	1,689	139	
CIP0024	40,519	39,789	51,161	11,372	39,223	37,731	64,777	27,045	38,418	
CIP0022	4,037	1,750	4,102	2,352	2,890	2,920	3,007	87	2,438	
CIP0141	-	761	254	(507)	-	-	-	-	(507)	
CIP0018	2,656	2,684	2,887	203	2,863	2,892	2,903	11	214	
CIP0146	5,331	6,568	6,495	(73)	-	-	-	-	(73)	
Total Track Rehabilitation	\$ 65,620	\$ 65,096	\$ 77,606	\$ 12,510	\$ 54,693	\$ 53,424	\$ 81,226	\$ 27,802	\$ 40,312	
Station/Tunnel Rehabilitation										
CIP0026	\$ 3,298	\$ 1,698	\$ 3,331	\$ 1,633	\$ 3,277	\$ 3,311	\$ 3,409	\$ 98	\$ 1,732	
Total Station/Tunnel Rehabilitation	\$ 3,298	\$ 1,698	\$ 3,331	\$ 1,633	\$ 3,277	\$ 3,311	\$ 3,409	\$ 98	\$ 1,732	
Total Track Rehabilitation:	\$ 68,918	\$ 66,794	\$ 80,937	\$ 14,143	\$ 57,969	\$ 56,735	\$ 84,635	\$ 27,900	\$ 42,043	
F. Passenger Facilities										
Elevator/Escalator Facilities										
CIP0072	\$ 3,990	\$ 4,045	\$ 4,715	\$ 670	\$ 3,265	\$ 2,357	\$ 3,262	\$ 905	\$ 1,575	
CIP0132	4,825	6,891	4,622	(2,269)	4,800	6,880	6,807	(73)	(2,343)	
CIP0073	14,465	10,272	15,837	5,564	12,738	13,305	12,735	(570)	4,994	
Total Elevator/Escalator Facilities	\$ 23,281	\$ 21,209	\$ 25,174	\$ 3,965	\$ 20,804	\$ 22,542	\$ 22,803	\$ 262	\$ 4,226	
Maintenance of Rail Station Facilities										
CIP0138	\$ 55,213	\$ 53,571	\$ 57,459	\$ 3,888	\$ 25,684	\$ 25,100	\$ 26,028	\$ 928	\$ 4,816	
CIP0087	7,832	7,832	12,842	5,010	7,960	7,960	9,362	1,402	6,412	
CIP0150	2,160	-	2,166	2,166	10,000	-	10,000	10,000	12,166	
CIP0151	3,255	-	3,255	3,255	3,581	-	3,580	3,580	6,835	
CIP0152	1,000	-	1,000	1,000	3,000	-	3,000	3,000	4,000	
Total Maintenance of Rail Station Facilities	\$ 69,460	\$ 61,403	\$ 76,722	\$ 15,319	\$ 50,224	\$ 33,060	\$ 51,970	\$ 18,911	\$ 34,229	
Bicycle & Pedestrian Facilities										
CIP0035	\$ 1,019	\$ 1,309	\$ 1,556	\$ 247	\$ 1,220	\$ 1,221	\$ 1,228	\$ 7	\$ 254	
CIP0036	419	318	403	85	521	542	535	(7)	78	
Total Bicycle & Pedestrian Facilities	\$ 1,438	\$ 1,627	\$ 1,959	\$ 332	\$ 1,741	\$ 1,763	\$ 1,763	\$ 1	\$ 332	
Rail Station: Capacity/Enhancements										
CIP0039	\$ 3,027	\$ 2,724	\$ 1,547	\$ (1,177)	\$ 1,030	\$ 1,690	\$ 2,767	\$ 1,077	\$ (100)	
CIP0074	2,750	7,468	5,477	(1,991)	-	2,497	2,400	(97)	(2,088)	
CIP0088	-	-	-	-	-	-	-	-	-	
Total Elevator/Escalator Facilities	\$ 5,777	\$ 10,192	\$ 7,024	\$ (3,168)	\$ 1,030	\$ 4,187	\$ 5,167	\$ 980	\$ (2,188)	
Bus Priority Corridor Improvements										
CIP0037	\$ 3,553	\$ 3,335	\$ 4,444	\$ 1,109	\$ 7,809	\$ 2,059	\$ 2,295	\$ 235	\$ 1,345	
Total Bus Priority Corridor Improvements	\$ 3,553	\$ 3,335	\$ 4,444	\$ 1,109	\$ 7,809	\$ 2,059	\$ 2,295	\$ 235	\$ 1,345	
Rail Station Equipment										
CIP0099	\$ 197	\$ 602	\$ 586	\$ (16)	\$ 200	\$ 200	\$ 200	\$ 0	\$ (16)	
Total Rail Station Equipment	\$ 197	\$ 602	\$ 586	\$ (16)	\$ 200	\$ 200	\$ 200	\$ 0	\$ (16)	
Total Passenger Facilities:	\$ 103,706	\$ 98,368	\$ 115,908	\$ 17,540	\$ 81,808	\$ 63,810	\$ 84,199	\$ 20,388	\$ 37,929	

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Appendix C: Current FY2012 and FY2013 CIP Expenditure Forecast Compared to FY2012 Approved Budget and FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
	FY2012				FY2013				FY2012 + FY2013	
	Approved FY12 Budget (dated 6/23/2011)*	FY11 3rd Quarter Report Forecast for FY12 (5/15/2011)	Current FY12 PM Forecast	FY11 3rd Qtr Report & Current FY12 Forecast Variance (under)/over (c - b)	FY13 Forecast as per Approved FY12 Budget (6/23/2011)	FY11 3rd Quarter Report Forecast for FY13 (5/15/2011)	Current FY13 PM Forecast	FY11 3rd Qtr Report & Current FY13 Forecast Variance (under)/over (g - f)	Total 3rd Qtr Report & Current Forecast Variance (under)/over (d + h)	
G. Maintenance Equipment										
Rail Maintenance Equipment										
CIP0136	FCC Radio Frequency Communication Changes	\$ 12,772	\$ 1,910	\$ 1,336	\$ (574)	\$ 30,000	\$ 10,613	\$ 13,362	\$ 2,749	\$ 2,174
CIP0065	Geometry Vehicle	8,928	2,212	1,599	(613)	2,643	7,841	7,871	30	(583)
CIP0139	NTSB Recommendations	8,423	8,565	8,439	(125)	11,204	11,222	11,204	(18)	(143)
CIP0139_06	Replace GRS Track Circuits	19,645	18,236	20,377	2,141	21,590	23,133	22,956	(177)	1,964
CIP0139_07	Inspect Procedure-Track Circuit	-	-	-	-	-	-	-	-	-
CIP0139_08	Tech Bulletin & Safety Info	-	-	-	-	-	-	-	-	-
CIP0139_09	Remove Unnecessary Wayside Com	11,012	5,607	10,754	5,147	7,563	2,158	332	(1,826)	3,321
CIP0139_10	NTSB ATC System Safety Analysis	3,126	4,188	3,993	(195)	1,563	1,563	1,626	63	(132)
CIP0139_11	Dsgn/Oper/Maint Poten. Failure	-	16,883	-	(16,883)	-	42,081	-	(42,081)	(58,964)
CIP0139_12	Cable Insulation Testing	-	7,860	7,860	-	-	3,381	3,381	-	-
CIP0139_13	FTA Recommendation: TOC Audit	146	163	146	(17)	146	111	146	35	18
CIP0139_14	Periodic Compreh Data Review	88	95	73	(22)	88	94	97	4	(18)
CIP0139_15	Safety Reporting Prog & Review	-	-	-	-	-	-	-	-	-
CIP0139_16	Hazard Identification & Resolu	-	-	-	-	-	-	-	-	-
CIP0139_17	Audit and Open CAPs	-	-	-	-	-	-	-	-	-
CIP0139_19	Onboard Event Recorders 1K/4K	4,656	4,419	3,749	(670)	2,909	2,805	5,641	2,836	2,166
CIP0139_20	Program to Monitor Recorders	581	1,547	1,083	(464)	-	2,383	2,383	-	(464)
CIP0139_P1	Examine Track Circuits	2,327	3,354	2,360	(994)	6,981	6,981	2,297	(4,684)	(5,678)
CIP0139_P2	Elec Compo Performing in TC Sys	5,059	2,327	4,171	1,844	1,164	1,164	1,246	82	1,926
CIP0139_P3	Redundancy of ATC	-	-	-	-	-	-	-	-	-
CIP0139_P4	Loss of Shunt Tools	447	2,116	1,224	(892)	-	-	-	-	(892)
CIP0139_P5	Enhanced Track Circuit Verifi	-	3,333	40	(3,293)	-	-	-	-	(3,293)
CIP0139_P6	Replace power cables	9,310	10,809	10,146	(662)	9,309	9,809	10,936	1,128	465
CIP0066	Rail Shop Repair Equipment	6,571	4,671	5,338	667	6,322	4,165	10,582	6,417	7,084
CIP0020	Replacement of Rail Track Signage	1,060	1,075	1,053	(21)	1,117	1,129	1,162	33	12
CIP0027	Switch Machine Rehabilitation Project	950	1,263	1,548	285	1,001	1,011	1,041	30	315
CIP0025	Track Maintenance Equipment	34,683	26,803	4,318	(22,485)	12,840	24,445	44,604	20,159	(2,326)
CIP0135	Train Control Signal	5,347	5,681	2,515	(3,167)	4,153	4,153	4,359	206	(2,960)
CIP0133	Wayside Work Equipment	4,825	6,151	3,687	(2,463)	5,149	5,164	7,391	2,227	(236)
	Total Rail Maintenance Equipment	\$ 139,956	\$ 139,266	\$ 95,810	\$ (43,457)	\$ 125,739	\$ 165,403	\$ 152,618	\$ (12,785)	\$ (56,242)
Bus Repair Equipment										
CIP0004	Bus Repair Equipment	\$ 7,176	\$ 7,177	\$ 7,789	\$ 613	\$ 3,015	\$ 3,016	\$ 3,016	\$ 0	\$ 613
	Total Bus Repair Equipment	\$ 7,176	\$ 7,177	\$ 7,789	\$ 613	\$ 3,015	\$ 3,016	\$ 3,016	\$ 0	\$ 613
Business Facilities Equipment										
CIP0028	Materials Handling Equipment	\$ 139	\$ 171	\$ 217	\$ 46	\$ 144	\$ 144	\$ 145	\$ 1	\$ 47
CIP0029	Warehouse Vertical Storage Units/Shelving	766	946	1,243	297	600	600	600	(0)	297
	Total Business Facilities Equipment	\$ 905	\$ 1,116	\$ 1,460	\$ 344	\$ 745	\$ 745	\$ 745	\$ 1	\$ 344
	Total Maintenance Equipment:	\$ 148,037	\$ 147,559	\$ 105,059	\$ (42,500)	\$ 129,498	\$ 169,164	\$ 156,379	\$ (12,785)	\$ (55,285)
H. Other Facilities										
Business Support Facilities										
CIP0080	Jackson Graham Building Renovation	\$ 2,000	\$ 6,340	\$ 11,919	\$ 5,580	\$ -	\$ -	\$ 3,873	\$ 3,873	\$ 9,453
CIP0033	Replacement of Revenue Facility Equipment	266	796	605	(190)	221	220	505	284	94
CIP0034	Revenue Collection Facility (RCF) Building Expansion	-	259	250	(9)	-	-	-	-	(9)
CIP0144	Bus Operations Control Center	-	-	4	4	-	-	-	-	4
	Total Business Support Facilities	\$ 2,266	\$ 7,395	\$ 12,778	\$ 5,384	\$ 221	\$ 220	\$ 4,378	\$ 4,157	\$ 9,541
MTPD Support Facilities										
CIP0101	Police Substation- New District 2/Special Operations Division Facility	\$ 2,524	\$ -	\$ 1,744	\$ 1,744	\$ 13,014	\$ -	\$ 9,712	\$ 9,712	\$ 11,456
CIP0106	Special Operations Division Facility	1,626	830	10,823	9,993	8,338	8,338	8,300	(38)	9,955
	Total MTPD Support Facilities	\$ 4,150	\$ 830	\$ 12,567	\$ 11,737	\$ 21,352	\$ 8,338	\$ 18,012	\$ 9,674	\$ 21,411
	Total Other Facilities:	\$ 6,416	\$ 8,224	\$ 25,345	\$ 17,121	\$ 21,573	\$ 8,558	\$ 22,390	\$ 13,831	\$ 30,953

Washington Metropolitan Area Transit Authority

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Appendix C: Current FY2012 and FY2013 CIP Expenditure Forecast Compared to FY2012 Approved Budget and FY2011 3rd Quarter Report Forecast (5/15/2011)

All Dollars in Thousands

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	FY2012				FY2013				FY2012 + FY2013
	Approved FY12 Budget (dated 6/23/2011)*	FY11 3rd Quarter Report Forecast for FY12 (5/15/2011)	Current FY12 PM Forecast	FY11 3rd Qtr Report & Current FY12 Forecast Variance (under)/over (c - b)	FY13 Forecast as per Approved FY12 Budget (6/23/2011)	FY11 3rd Quarter Report Forecast for FY13 (5/15/2011)	Current FY13 PM Forecast	FY11 3rd Qtr Report & Current FY13 Forecast Variance (under)/over (g - f)	Total 3rd Qtr Report & Current Forecast Variance (under)/over (d + h)
I. Program Management/Credit Facility									
Credit Facility									
CIP0131 Credit Facility	\$ 5,390	\$ 5,661	\$ 4,783	\$ (878)	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	\$ (878)
Total Credit Facility	\$ 5,390	\$ 5,661	\$ 4,783	\$ (878)	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	\$ (878)
Total Program Management/Credit Facility:	\$ 5,390	\$ 5,661	\$ 4,783	\$ (878)	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	\$ (878)
Program Total									
To be Programmed	\$ -	\$ -	\$ -	\$ -	\$ 28,100	\$ -	\$ -	\$ -	\$ -
Total:	\$ 888,898	\$ 912,567	\$ 917,037	\$ 4,469	\$ 929,710	\$ 929,134	\$ 989,065	\$ 59,930	\$ 64,400

*Does not include \$153.2 million in FY2011 Rollover



Appendix D: Safety & Security, ARRA, and Reimbursable Capital Program Expenditures

Washington Metropolitan Area Transit Authority

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Appendix D: Safety & Security, ARRA, and Reimbursable Capital Program Expenditures

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)	
	Approved Project Budget (dated 6/30/2011)		Expenditures Prior to FY12		FY12 Q1 Actual Expenditures		To Date Expenditures (as of 9/30/2011) (b + c)		Budget Remaining (as of 9/30/2011) (a - d)	
	Dollars		Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget
Safety & Security Program										
SEC0001	Bus Garage Security	\$ 5,836	\$ 2,627	45.0%	\$ 37	0.6%	\$ 2,664	45.6%	\$ 3,173	54.4%
SEC0002	Cameras on Buses	6,410	-	0.0%	-	0.0%	-	0.0%	6,410	100.0%
SEC0003	Cameras on Rail Cars	7,140	7	0.1%	-	0.0%	7	0.1%	7,133	99.9%
SEC0004	CCTV and Access Control	11,676	40	0.3%	34	0.3%	74	0.6%	11,601	99.4%
SEC0005	Chemical Detection	1,906	-	0.0%	-	0.0%	-	0.0%	1,906	100.0%
SEC0007	Montgomery Garage	23	-	0.0%	-	0.0%	-	0.0%	23	100.0%
SEC0006	Metrorail Station Camera	2,774	35	1.3%	42	1.5%	78	2.8%	2,696	97.2%
SEC0008	PG Radio Upgrade	500	405	81.1%	-	0.0%	405	81.1%	95	18.9%
SEC0009	Platform Security	6,518	38	0.6%	29	0.4%	67	1.0%	6,450	99.0%
SEC0010	PROTECT Systems	606	606	100.0%	-	0.0%	606	100.0%	-	0.0%
SEC0011	Radio Redundancy AOCC	5,900	219	3.7%	192	3.3%	411	7.0%	5,489	93.0%
SEC0012	Vent Intrusion Detection	11,500	-	0.0%	-	0.0%	-	0.0%	11,500	100.0%
SEC0030	Mobile Emergency Response Cabinets	175	141	80.8%	1	0.5%	142	81.3%	33	18.7%
Safety & Security Total:		\$ 60,964	\$ 4,119	6.8%	\$ 335	0.5%	\$ 4,454	7.3%	\$ 56,510	92.7%

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Appendix D: Safety & Security, ARRA, and Reimbursable Capital Program Expenditures

All Dollars in Thousands

	(a)		(b)		(c)		(d)		(e)	
	Approved Project Budget (dated 6/30/2011)		Expenditures Prior to FY12		FY12 Q1 Actual Expenditures		To Date Expenditures (as of 9/30/2011) (b + c)		Budget Remaining (as of 9/30/2011) (a - d)	
	Dollars		Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget
ARRA Program										
ARA0030	MetroAccess Fleet Expansion and Replacement (ST10)	\$ 3,764	\$ 3,760	99.9%	\$ -	0.0%	\$ 3,760	99.9%	\$ 4	0.1%
ARA0008	Additional Station Alarm/Chemical Sensors (ST48)	3,991	3,684	92.3%	277	6.9%	3,961	99.2%	30	0.8%
ARA0007	Bus Garage Security Update (ST23)	3,000	2,134	71.1%	343	11.4%	2,477	82.6%	523	17.4%
ARA0001	New Bus Body and Paint Shop (ST04)	21,400	17,861	83.5%	1,409	6.6%	19,271	90.0%	2,129	10.0%
ARA0019	Bus Engine Fluid Alert System (ST34)	1,500	1,478	98.5%	22	1.5%	1,500	100.0%	0	0.0%
ARA0014	Bus Real-Time, Route, and Scheduling Systems (ST21)	3,000	1,416	47.2%	400	13.3%	1,816	60.5%	1,184	39.5%
ARA0025	Emergency Tunnel Evacuation Carts (ST30)	836	836	100.0%	-	0.0%	836	100.0%	0	0.0%
ARA0010	60-Ton Crane for Track Work (ST17)	4,000	384	9.6%	1,152	28.8%	1,536	38.4%	2,464	61.6%
ARA0015	Sensitive Data Protection Technology (ST16)	3,511	2,636	75.1%	244	7.0%	2,880	82.0%	631	18.0%
ARA0024	Document Management System (ST32)	750	749	99.9%	-	0.0%	749	99.9%	1	0.1%
ARA0026	Additional SmarTrip Fare Machines (ST19)	2,221	2,221	100.0%	-	0.0%	2,221	100.0%	-	0.0%
ARA0016	Financial System Integration (ST63)	5,000	5,000	100.0%	-	0.0%	5,000	100.0%	0	0.0%
ARA0011	Heavy Duty Track Equipment (ST07)	10,511	7,653	72.8%	2,085	19.8%	9,737	92.6%	773	7.4%
ARA0027	Replacement of Oldest Buses (ST02)	27,026	27,025	100.0%	-	0.0%	27,025	100.0%	1	0.0%
ARA0013	Upgrade 3 (Three) Oldest Stations and Systems (ST09)	17,900	3,489	19.5%	3,810	21.3%	7,299	40.8%	10,601	59.2%
ARA0018	Kiosk and Train Control Computers (ST41)	357	330	92.4%	-	0.0%	330	92.4%	27	7.6%
ARA0009	Heavy Duty Locomotives for Maintenance (ST12)	4,999	-	0.0%	4,999	100.0%	4,999	100.0%	-	0.0%
ARA0006	Metro Center Sales Office Replacement (ST38)	1,200	140	11.7%	4	0.3%	144	12.0%	1,056	88.0%
ARA0005	Update Platform Real-Time Signs (ST28)	2,500	127	5.1%	36	1.5%	163	6.5%	2,337	93.5%
ARA0023	Program Management	550	196	35.7%	14	2.6%	211	38.3%	339	61.7%
ARA0017	Communications Equipment for Operations Control Center (ST24)	3,000	2,953	98.4%	-	0.0%	2,953	98.4%	47	1.6%
ARA0004	Replacement of Crumbling Platforms (ST08)	16,000	13,250	82.8%	-	0.0%	13,250	82.8%	2,750	17.2%
ARA0022	Preventative Maintenance	11,092	11,087	100.0%	-	0.0%	11,087	100.0%	5	0.0%
ARA0020	Power Tool Equipment Replacement (ST31)	1,661	1,648	99.2%	-	0.0%	1,648	99.2%	13	0.8%
ARA0031	Underground Communications Radios (ST40)	869	869	100.0%	-	0.0%	869	100.0%	-	0.0%
ARA0021	Bus Replacement Components (ST26)	2,673	2,490	93.2%	-	0.0%	2,490	93.2%	183	6.8%
ARA0028	Service Vehicle Replacement (ST14)	5,993	5,993	100.0%	-	0.0%	5,993	100.0%	-	0.0%
ARA0003	Bus Garage Facility Repairs (ST11)	7,600	6,940	91.3%	429	5.7%	7,369	97.0%	231	3.0%
ARA0002	Replacement of Southeastern Bus Garage (ST05)	30,000	15,606	52.0%	11,166	37.2%	26,772	89.2%	3,228	10.8%
ARA0029	Track Pad/Shock Absorber Rehabilitation (ST37)	1,030	1,030	100.0%	-	0.0%	1,030	100.0%	0	0.0%
ARA0012	Track Welding Program to Repair Defects (ST18)	3,900	3,106	79.7%	620	15.9%	3,727	95.6%	173	4.4%
ARRA Total:		\$ 201,833	\$ 146,091	72.4%	\$ 27,012	13.4%	\$ 173,103	85.8%	\$ 28,730	14.2%

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Appendix D: Safety & Security, ARRA, and Reimbursable Capital Program Expenditures

All Dollars in Thousands



	(a)		(b)		(c)		(d)		(e)	
	Approved Project Budget (dated 6/30/2011)		Expenditures Prior to FY12		FY12 Q1 Actual Expenditures		To Date Expenditures (as of 9/30/2011) (b + c)		Budget Remaining (as of 9/30/2011) (a - d)	
	Dollars		Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget
Reimbursable Program										
CRB0021	6000 Rail Car Purchase - Base	\$ 120,000	\$ 118,961	99.1%	\$ -	0.0%	\$ 118,961	99.1%	\$ 1,039	0.9%
CRB0023	Alexandria Rail Yard - EA	200	94	47.0%	-	0.0%	94	47.0%	106	53.0%
CRB0064	Arlington County Project Mgmt.	900	780	86.7%	-	0.0%	780	86.7%	120	13.3%
CRB0065	Precision Stopping Pilot Program	3,000	2,605	86.8%	-	0.0%	2,605	86.8%	395	13.2%
CRB0025	Ballston Station Improvements	14,763	14,641	99.2%	1	0.0%	14,642	99.2%	122	0.8%
CRB0026	Bus Stop Signs 600 in Fairfax	96	-	0.0%	-	0.0%	-	0.0%	96	100.0%
CRB0027	Brentwood Rail Yard Expansion	2,390	2,339	97.9%	-	0.0%	2,339	97.9%	51	2.1%
CRB0029	Crystal City/Potomac Yard	1,506	1,268	84.2%	-	0.0%	1,268	84.2%	238	15.8%
CRB0002	DC Downtown Circulator Buses	18,850	17,644	93.6%	-	0.0%	17,644	93.6%	1,206	6.4%
CRB0068	Clarendon Station Improvements	361	361	100.0%	-	0.0%	361	100.0%	-	0.0%
CRB0015	Columbia Pike - NEPA and PE	4,060	2,027	49.9%	194	4.8%	2,221	54.7%	1,839	45.3%
CRB0030	College Park Parking Structure	17,310	17,307	100.0%	-	0.0%	17,307	100.0%	3	0.0%
CRB0121	Connecticut Avenue Streetscape	30	-	0.0%	-	0.0%	-	0.0%	30	100.0%
CRB0031	DC Convention Center	29,939	29,822	99.6%	-	0.0%	29,822	99.6%	117	0.4%
CRB0032	Crystal City - Potomac (Alex)	300	49	16.5%	-	0.0%	49	16.5%	251	83.5%
CRB0070	Crystal City Canopy	347	347	100.0%	-	0.0%	347	100.0%	-	0.0%
CRB0073	Dupont Circle Artwork	112	112	99.7%	-	0.0%	112	99.7%	0	0.3%
CRB0011	Eisenhower Station Entrance	1,800	126	7.0%	75	4.2%	201	11.2%	1,599	88.8%
CRB0033	Franconia/Springfield Garage	16,609	16,608	100.0%	-	0.0%	16,608	100.0%	1	0.0%
CRB0034	Greenbelt Rail Yard Expansion	1,829	1,765	96.5%	-	0.0%	1,765	96.5%	63	3.5%
CRB0006	Glenmont Parking Facility Design Work	30,121	9,450	31.4%	6,303	20.9%	15,754	52.3%	14,367	47.7%
CRB0035	Huntington Parking Structure	32,733	32,699	99.9%	-	0.0%	32,699	99.9%	34	0.1%
CRB0075	King Street Station Improvements	16,600	16,349	98.5%	-	0.0%	16,349	98.5%	251	1.5%
CRB0012	King Street Station Bus Loop Reconfiguration	4,189	25	0.6%	125	3.0%	150	3.6%	4,039	96.4%
CRB0078	Minnesota Avenue Public Hearing	50	20	40.8%	-	0.0%	20	40.8%	30	59.2%
CRB0036	Navy Yard Station Modification	19,585	19,499	99.6%	-	0.0%	19,499	99.6%	86	0.4%
CRB0037	New Carrollton Parking Garage	23,115	22,417	97.0%	-	0.0%	22,417	97.0%	698	3.0%
CRB0008	New Carrollton Rail Yard Expansion	70,375	69,410	98.6%	3	0.0%	69,413	98.6%	962	1.4%
CRB0039	Fiber Optic Cable Installation	2,500	2,500	100.0%	-	0.0%	2,500	100.0%	0	0.0%
CRB0038	Precision Stopping	992	867	87.4%	-	0.0%	867	87.4%	125	12.6%
CRB0013	Potomac Yard Alt. Analysis	3,000	560	18.7%	204	6.8%	764	25.5%	2,236	74.5%
CRB0040	Bus Bike Racks	1,645	1,430	86.9%	-	0.0%	1,430	86.9%	215	13.1%
CRB0080	Rosslyn Access Improvements	130	130	100.0%	-	0.0%	130	100.0%	-	0.0%
CRB0041	IT Communication Enhancement	1,563	1,425	91.2%	-	0.0%	1,425	91.2%	137	8.8%
CRB0014	Royal Street Bus Garage Replacement	4,263	4,263	100.0%	-	0.0%	4,263	100.0%	-	0.0%
CRB0042	Rosslyn Station New Entrance	5,089	3,973	78.1%	-	0.0%	3,973	78.1%	1,116	21.9%
CRB0004	Southeast Bus Garage Replacement	67,535	15,669	23.2%	1,366	2.0%	17,035	25.2%	50,499	74.8%
CRB0043	Shady Grove Rail Yard Expansion	2,248	2,213	98.4%	-	0.0%	2,213	98.4%	35	1.6%
CRB0044	Shirlington Bus Station	5,096	5,074	99.6%	-	0.0%	5,074	99.6%	22	0.4%
CRB0045	DC Real Time Sign Bus Shelters	190	51	27.0%	-	0.0%	51	27.0%	139	73.0%
CRB0046	Silver Spring South Entrance	400	261	65.3%	-	0.0%	261	65.3%	139	34.7%
CRB0047	DC Student SmarTrip Pass	390	13	3.4%	-	0.0%	13	3.4%	377	96.6%
CRB0016	Columbia Pike Super Stops	2,000	299	14.9%	175	8.7%	474	23.7%	1,526	76.3%
CRB0082	TAGS Shuttle Buses	498	498	100.0%	-	0.0%	498	100.0%	-	0.0%

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Appendix D: Safety & Security, ARRA, and Reimbursable Capital Program Expenditures

All Dollars in Thousands



		(a)		(b)		(c)		(d)		(e)	
		Approved Project Budget (dated 6/30/2011)		Expenditures Prior to FY12		FY12 Q1 Actual Expenditures		To Date Expenditures (as of 9/30/2011) (b + c)		Budget Remaining (as of 9/30/2011) (a - d)	
		Dollars		Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget
CRB0007	Takoma Langley Park Center	6,700		1,339	20.0%	-	0.0%	1,339	20.0%	5,361	80.0%
CRB0022	Regional Travel Training ACCS	1,234		603	48.9%	99	8.0%	703	56.9%	532	43.1%
CRB0122	Union Station Metrorail Access and Capacity Improvements	2,550		-	0.0%	-	0.0%	-	0.0%	2,550	100.0%
CRB0049	Union Row: U Str/Cardoza Station	1,500		1,009	67.2%	-	0.0%	1,009	67.2%	491	32.8%
CRB0050	Vienna/Fairfax-GMU Parking Structure	1,000		733	73.3%	-	0.0%	733	73.3%	267	26.7%
CRB0051	Vienna Parking Structure	27,100		26,163	96.5%	-	0.0%	26,163	96.5%	937	3.5%
CRB0053	Vienna Station Improve - Pulte Home	350		49	13.9%	-	0.0%	49	13.9%	301	86.1%
CRB0017	Vienna Station Mezzanine Stair	2,000		416	20.8%	360	18.0%	776	38.8%	1,224	61.2%
CRB0084	West Fall Church Bus Bays	2,750		2,570	93.4%	-	0.0%	2,570	93.4%	180	6.6%
CRB0054	West Falls Church Parking Structure	17,030		16,762	98.4%	-	0.0%	16,762	98.4%	268	1.6%
CRB0055	White Flint Parking Structure	17,390		17,373	99.9%	-	0.0%	17,373	99.9%	17	0.1%
CRB0085	FDA Transit Center @ White Oak	71		71	100.0%	-	0.0%	71	100.0%	-	0.0%
CRB0056	Yellow Line Extension	1,500		609	40.6%	-	0.0%	609	40.6%	891	59.4%
CRB0001	Anacostia Light Rail Demonstration	16,974		15,826	93.2%	(51)	-0.3%	15,775	92.9%	1,199	7.1%
CRB0057	DC Alternative Analysis	7,008		7,008	100.0%	-	0.0%	7,008	100.0%	-	0.0%
CRB0005	Project Development	10,785		7,045	65.3%	69	0.6%	7,114	66.0%	3,671	34.0%
CRB0058	DC Starter Line	1,234		1,234	100.0%	-	0.0%	1,234	100.0%	0	0.0%
CRB0019	Dulles Extension Design/Build	478,718		52,321	10.9%	4,763	1.0%	57,083	11.9%	421,635	88.1%
CRB0020	Dulles Phase 2 (PE)	3,500		617	17.6%	87	2.5%	704	20.1%	2,796	79.9%
CRB0059	Dulles Preliminary Engineering/NEPA	58,042		57,969	99.9%	-	0.0%	57,969	99.9%	73	0.1%
CRB0010	Largo Blue Line Extension	469,591		466,980	99.4%	-	0.0%	466,980	99.4%	2,610	0.6%
CRB0009	Project Development	9,391		5,546	59.1%	168	1.8%	5,714	60.8%	3,677	39.2%
CRB0003	New York Ave. Metrorail Station	109,950		109,623	99.7%	-	0.0%	109,623	99.7%	327	0.3%
CRB0018	Project Development	7,941		5,933	74.7%	228	2.9%	6,161	77.6%	1,780	22.4%
CRB0092	Bike Lockers	399		380	95.0%	-	0.0%	380	95.0%	20	5.0%
CRB0096	DC Station Name Changes	219		219	99.7%	-	0.0%	219	99.7%	1	0.3%
CRB0097	Dynamic Display System	10,261		10,227	99.7%	-	0.0%	10,227	99.7%	35	0.3%
CRB0100	Georgetown Streetscape	1,455		1,412	97.0%	-	0.0%	1,412	97.0%	43	3.0%
CRB0105	Largo Blue Line Extension - Prelim Engr	10,397		10,198	98.1%	-	0.0%	10,198	98.1%	199	1.9%
CRB0106	Rockville MARC ADA	50		21	42.0%	-	0.0%	21	42.0%	29	58.0%
CRB0107	MCI Arena	18,384		18,096	98.4%	-	0.0%	18,096	98.4%	288	1.6%
CRB0108	Maryland Station Name Change	514		305	59.3%	-	0.0%	305	59.3%	209	40.7%
CRB0111	National Airport	4,961		4,510	90.9%	-	0.0%	4,510	90.9%	450	9.1%
CRB0113	Potomac Yards	228		187	82.0%	-	0.0%	187	82.0%	41	18.0%
CRB0116	Shady Grove Parking II	60		-	0.0%	-	0.0%	-	0.0%	60	100.0%
CRB0117	Shirlington Garage Design Study	7		7	97.1%	-	0.0%	7	97.1%	0	2.9%
CRB0119	DC Station Trailblazer Signs	131		94	71.8%	-	0.0%	94	71.8%	37	28.2%
CRB0062	Twinbrook Facility Relocation	1,000		526	52.6%	-	0.0%	526	52.6%	474	47.4%
MSC0005	Tax Advantage Lease Program	8,420		7,112	84.5%	28	0.3%	7,140	84.8%	1,280	15.2%
CRB0120	VA Station Name Changes	780		780	100.0%	-	0.0%	780	100.0%	-	0.0%
ORB0006	Springfield Circulator	1,814		1,791	98.7%	-	0.0%	1,791	98.7%	24	1.3%
CRB0060	Regional Fare Int. (MTA)	7,608		6,139	80.7%	-	0.0%	6,139	80.7%	1,469	19.3%
CRB0052	U St Stat 14 St Bus Access Imp	500		481	96.1%	19	3.9%	500	100.0%	-	0.0%
	DC Uncommitted Funds	1,119		-	0.0%	-	0.0%	-	0.0%	1,119	100.0%
Reimbursable Total:		\$ 1,851,327		\$ 1,296,238	70.0%	\$ 14,216	0.8%	\$ 1,310,454	70.8%	\$ 540,873	29.2%
Safety & Security, ARRA, and Reimbursable Program Total											
Total:		\$ 2,114,125		\$ 1,446,447	68.4%	\$ 41,564	2.0%	\$ 1,488,011	70.4%	\$ 626,114	29.6%



Appendix E: Current FY2012 & FY2013 Safety & Security and ARRA Capital Program Forecast

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Appendix E: Current FY2012 & FY2013 Safety & Security and ARRA Capital Program Forecast

All Dollars in Thousands



	(a) Approved Project Budget (dated 6/30/2011)	(b) Expenditures Prior to FY12 (as of 6/30/2011)		(c) FY2012				(e) FY2013				(g) FY2012 & FY2013		
		Current FY12 PM Forecast		FY12 Actual Expenditures (as of 9/30/2011)		FY12 Remaining Expenditures (c - d)		Current FY13 PM Forecast		Total Actual (as of 6/30/2011) & Forecasted Expenditures thru FY13 (b + c + d)				
		Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	Dollars	% of Budget	
Safety & Security Program														
SEC0001	Bus Garage Security	\$ 5,836	2,627 45.0%	\$ 4,560	78.1%	\$ 37	0.6%	\$ 4,523	77.5%	\$ 350	6.0%	\$ 7,537	129.1%	
SEC0002	Cameras on Buses	6,410	- 0.0%	6,400	99.8%	-	0.0%	6,400	99.8%	-	0.0%	6,400	99.8%	
SEC0003	Cameras on Rail Cars	7,140	7 0.1%	1,516	21.2%	-	0.0%	1,516	21.2%	5,111	71.6%	6,634	92.9%	
SEC0004	CCTV and Access Control	11,676	40 0.3%	2,033	17.4%	34	0.3%	1,999	17.1%	8,238	70.6%	10,311	88.3%	
SEC0005	Chemical Detection	1,906	- 0.0%	1,910	100.2%	-	0.0%	1,910	100.2%	-	0.0%	1,910	100.2%	
SEC0007	Montgomery Garage	23	- 0.0%	23	100.0%	-	0.0%	23	100.0%	-	0.0%	23	100.0%	
SEC0006	Metrorail Station Camera	2,774	35 1.3%	4,225	152.3%	42	1.5%	4,183	150.8%	-	0.0%	4,261	153.6%	
SEC0008	PG Radio Upgrade	500	405 81.1%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	405	81.1%	
SEC0009	Platform Security	6,518	38 0.6%	3,294	50.5%	29	0.4%	3,265	50.1%	3,317	50.9%	6,649	102.0%	
SEC0010	PROTECT Systems	606	606 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	606	100.0%	
SEC0011	Radio Redundancy AOCC	5,900	219 3.7%	1,392	23.6%	192	3.3%	1,200	20.3%	-	0.0%	1,611	27.3%	
SEC0012	Vent Intrusion Detection	11,500	- 0.0%	1,000	8.7%	-	0.0%	1,000	8.7%	13,589	118.2%	14,589	126.9%	
SEC0030	Mobile Emergency Response Cabinets	175	141 80.8%	1	0.6%	1	0.5%	0	0.1%	-	0.0%	142	81.4%	
Safety & Security Total:		\$ 60,964	\$ 4,119 6.8%	\$ 26,354 43.2%		\$ 335 0.5%		\$ 26,019 42.7%		\$ 30,605 50.2%		\$ 61,078 100.2%		
ARRA Program														
ARA0030	MetroAccess Fleet Expansion and Replacement (ST10)	\$ 3,764	\$ 3,760 99.9%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ 3,760	99.9%	
ARA0008	Additional Station Alarm/Chemical Sensors (ST48)	3,991	3,684 92.3%	277	6.9%	277	6.9%	-	0.0%	-	0.0%	3,961	99.2%	
ARA0007	Bus Garage Security Update (ST23)	3,000	2,134 71.1%	866	28.9%	343	11.4%	522	17.4%	-	0.0%	3,000	100.0%	
ARA0001	New Bus Body and Paint Shop (ST04)	21,400	17,861 83.5%	3,400	15.9%	1,409	6.6%	1,991	9.3%	-	0.0%	21,261	99.4%	
ARA0019	Bus Engine Fluid Alert System (ST34)	1,500	1,478 98.5%	45	3.0%	22	1.5%	22	1.5%	-	0.0%	1,522	101.5%	
ARA0014	Bus Real-Time, Route, and Scheduling Systems (ST21)	3,000	1,416 47.2%	950	31.7%	400	13.3%	550	18.3%	-	0.0%	2,366	78.9%	
ARA0025	Emergency Tunnel Evacuation Carts (ST30)	836	836 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	836	100.0%	
ARA0010	60-Ton Crane for Track Work (ST17)	4,000	384 9.6%	2,304	57.6%	1,152	28.8%	1,152	28.8%	384	9.6%	3,072	76.8%	
ARA0015	Sensitive Data Protection Technology (ST16)	3,511	2,636 75.1%	886	25.2%	244	7.0%	642	18.3%	-	0.0%	3,522	100.3%	
ARA0024	Document Management System (ST32)	750	749 99.9%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	749	99.9%	
ARA0026	Additional SmartTrip Fare Machines (ST19)	2,221	2,221 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	2,221	100.0%	
ARA0016	Financial System Integration (ST63)	5,000	5,000 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	5,000	100.0%	
ARA0011	Heavy Duty Track Equipment (ST07)	10,511	7,653 72.8%	2,085	19.8%	2,085	19.8%	-	0.0%	-	0.0%	9,737	92.6%	
ARA0027	Replacement of Oldest Buses (ST02)	27,026	27,025 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	27,025	100.0%	
ARA0013	Upgrade 3 (Three) Oldest Stations and Systems (ST09)	17,900	3,489 19.5%	14,411	80.5%	3,810	21.3%	10,601	59.2%	-	0.0%	17,900	100.0%	
ARA0018	Kiosk and Train Control Computers (ST41)	357	330 92.4%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	330	92.4%	
ARA0009	Heavy Duty Locomotives for Maintenance (ST12)	4,999	- 0.0%	4,999	100.0%	4,999	100.0%	-	0.0%	-	0.0%	4,999	100.0%	
ARA0006	Metro Center Sales Office Replacement (ST38)	1,200	140 11.7%	1,060	88.3%	4	0.3%	1,056	88.0%	-	0.0%	1,200	100.0%	
ARA0005	Update Platform Real-Time Signs (ST28)	2,500	127 5.1%	2,157	86.3%	36	1.5%	2,121	84.8%	216	8.6%	2,500	100.0%	
ARA0023	Program Management	550	196 35.7%	162	29.5%	14	2.6%	148	26.8%	-	0.0%	358	65.1%	
ARA0017	Communications Equipment for Operations Control Center (ST24)	3,000	2,953 98.4%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	2,953	98.4%	
ARA0004	Replacement of Crumbling Platforms (ST08)	16,000	13,250 82.8%	2,150	13.4%	-	0.0%	2,150	13.4%	-	0.0%	15,400	96.3%	
ARA0022	Preventative Maintenance	11,092	11,087 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	11,087	100.0%	
ARA0020	Power Tool Equipment Replacement (ST31)	1,661	1,648 99.2%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	1,648	99.2%	
ARA0031	Underground Communications Radios (ST40)	869	869 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	869	100.0%	
ARA0021	Bus Replacement Components (ST26)	2,673	2,490 93.2%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	2,490	93.2%	
ARA0028	Service Vehicle Replacement (ST14)	5,993	5,993 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	5,993	100.0%	
ARA0003	Bus Garage Facility Repairs (ST11)	7,600	6,940 91.3%	660	8.7%	429	5.7%	230	3.0%	-	0.0%	7,599	100.0%	
ARA0002	Replacement of Southeastern Bus Garage (ST05)	30,000	15,606 52.0%	11,166	37.2%	11,166	37.2%	-	0.0%	-	0.0%	26,772	89.2%	
ARA0029	Track Pad/Shock Absorber Rehabilitation (ST37)	1,030	1,030 100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	1,030	100.0%	
ARA0012	Track Welding Program to Repair Defects (ST18)	3,900	3,106 79.7%	620	15.9%	620	15.9%	-	0.0%	-	0.0%	3,727	95.6%	
ARRA Total:		\$ 201,833	\$ 146,091 72.4%	\$ 48,197 23.9%		\$ 27,012 13.4%		\$ 21,185 10.5%		\$ 600 0.3%		\$ 194,888 96.6%		
Safety & Security & ARRA Program Total														
Total:		\$ 262,797	\$ 150,210 57.2%	\$ 74,551 28.4%		\$ 27,347 10.4%		\$ 47,204 18.0%		\$ 31,205 11.9%		\$ 255,966 97.4%		



Appendix F: FY2012 1st Quarter Master Schedule Summary

Proj. No.	Project Name	Current Start	Current Finish	2010	2011	2012	2013	2014	2015	2016	2017
CIP0002	Automatic Vehicle Location Equipment Replacement	10-Jun-10 A	01-Jul-16	[Gantt bar: 2010-2016]							
CIP0003	Bus Capacity Enhancements: Fleet Expansion	01-Apr-15	05-Sep-17	[Gantt bar: 2015-2017]							
CIP0004	Bus Repair Equipment	26-Apr-10 A	30-Jun-17	[Gantt bar: 2010-2017]							
CIP0005	Bus Rehabilitation Program	04-Jan-10 A	05-Sep-17	[Gantt bar: 2010-2017]							
CIP0006	Bus Replacement	04-Aug-10 A	05-Sep-17	[Gantt bar: 2010-2017]							
CIP0007	Bus Camera Installation	01-Jul-10 A	29-Jun-12	[Gantt bar: 2010-2012]							
CIP0008	Bus Repairables	01-Apr-10 A	05-Sep-17	[Gantt bar: 2010-2017]							
CIP0009	Service Vehicle Replacement	01-Jul-10 A	05-Sep-17	[Gantt bar: 2010-2017]							
CIP0010	Environmental Compliance Projects	21-Dec-09 A	30-Jun-15	[Gantt bar: 2010-2015]							
CIP0011	Storage Tank Replacement	01-Jul-10 A	30-Jun-17	[Gantt bar: 2010-2017]							
CIP0015	Metro Access: Fleet Replacement	03-May-10 A	03-Sep-18	[Gantt bar: 2010-2018]							
CIP0018	Track Welding Program	03-Jan-11 A	29-Sep-17	[Gantt bar: 2011-2017]							
CIP0019	Track Floating Slab Rehabilitation	01-Jun-10 A	30-Jun-17	[Gantt bar: 2010-2017]							
CIP0020	Replacement of Rail Track Signage	04-Jan-10 A	29-Sep-17	[Gantt bar: 2010-2017]							
CIP0021	Track Pad / Shock Absorber Rehabilitation	02-Nov-09 A	29-Sep-17	[Gantt bar: 2010-2017]							
CIP0022	Track Structural Rehabilitation	02-Nov-09 A	29-Sep-17	[Gantt bar: 2010-2017]							
CIP0023	Third Rail Rehabilitation	01-Apr-11 A	29-Sep-17	[Gantt bar: 2011-2017]							
CIP0024	Track Rehabilitation	04-Jan-10 A	30-Jun-17	[Gantt bar: 2010-2017]							
CIP0025	Track Maintenance Equipment	04-Jan-10 A	05-Sep-17	[Gantt bar: 2010-2017]							
CIP0026	Station / Tunnel Leak Mitigation	04-Jan-10 A	29-Sep-17	[Gantt bar: 2010-2017]							
CIP0027	Switch Machine Rehabilitation Project	04-Jan-10 A	29-Sep-17	[Gantt bar: 2010-2017]							
CIP0028	Materials Handling Equipment	04-Nov-10 A	29-Jun-18	[Gantt bar: 2010-2018]							
CIP0029	Warehouse Vertical Storage Units / Shelving	01-Dec-10 A	29-Jun-18	[Gantt bar: 2010-2018]							
CIP0030	Currency Processing Machines	01-Jul-10 A	28-Jun-13	[Gantt bar: 2010-2013]							
CIP0031	Debit / Credit Processing Requirements	01-Jul-10 A	30-Jun-17	[Gantt bar: 2010-2017]							
CIP0032	Fare Media Encoders	02-May-11 A	01-Oct-12	[Gantt bar: 2011-2012]							
CIP0033	Replacement of Revenue Facility Equipment	01-Jul-10 A	29-Jun-18	[Gantt bar: 2010-2018]							
CIP0034	Revenue Collection Facility (RCF) Building Expansion	30-Sep-11	29-Jun-12	[Gantt bar: 2011-2012]							
CIP0035	Bicycle and Pedestrian Facility: Capacity Improvement	01-Jul-10 A	02-Sep-16	[Gantt bar: 2010-2016]							
CIP0036	Replacement of Bicycle Racks & Lockers	01-Jul-10 A	02-Sep-16	[Gantt bar: 2010-2016]							
CIP0037	Bus Priority Corridor Network Enhancements	04-Jan-10 A	05-Sep-17	[Gantt bar: 2010-2017]							
CIP0038	Bus Garage Capacity Enhancements	04-Jan-10 A	03-Sep-12	[Gantt bar: 2010-2012]							
CIP0039	Core & Systems Capacity Project Development	01-Apr-10 A	02-Sep-16	[Gantt bar: 2010-2016]							
CIP0042	Bus & Rail Asset Management Software	04-Jan-10 A	30-Jun-16	[Gantt bar: 2010-2016]							



Capital Improvement Program (CIP)

FY2012-Q1 Schedule Summary

Actual Work
Remaining Work

Proj. No.	Project Name	Current Start	Current Finish	2010	2011	2012	2013	2014	2015	2016	2017
CIP0043	- Bus Operation Support Software	01-Sep-10 A	01-Jul-13								
CIP0044	- Safety Measurement System (SMS)	04-Jan-10 A	28-Aug-17								
CIP0045	- Data Centers & Infrastructures	30-Jun-10 A	31-Dec-12								
CIP0046	- Document Management Systems	02-Nov-09 A	30-Jun-17								
CIP0047	- Enterprise Geographic Information System	04-Jan-10 A	29-Jun-18								
CIP0048	- Sensitive Data Protection Technology	01-Jul-10 A	07-Mar-16								
CIP0049	- Management Support Software	04-Jan-10 A	13-Mar-13								
CIP0050	- Metro IT One Stop and Office Automation	01-Apr-10 A	05-Sep-17								
CIP0051	- Police Dispatch and Records Management	01-Jul-11 A	30-Apr-14								
CIP0052	- Network and Communications	01-Jun-07 A	05-Mar-18								
CIP0053	- Network Operations Center (NOC)	02-Apr-10 A	05-Sep-17								
CIP0054	- Customer Electronic Communications & Outreach	04-Jan-10 A	05-Sep-17								
CIP0056	- Rail Operations Support Software	15-Nov-10 A	05-Sep-17								
CIP0057	- 1000 Series Rail Car Replacement	01-Jul-09 A	30-Jun-22								
CIP0058	- 2000 / 3000 Series Rail Car Mid-Life Rehabilitation	01-Jul-10 A	27-May-14								
CIP0060	- 4000 Series Rail Car Replacement	23-Jul-10 A	03-Nov-23								
CIP0062	- 6000 Series Rail Car Procurement	25-May-01 A	31-Jul-13								
CIP0063	- Rail Rehabilitation Program	02-Apr-10 A	30-Jun-17								
CIP0064	- 1000 Series Rail Car HVAC Rehabilitation	01-Sep-09 A	28-Jun-13								
CIP0065	- Geometry Vehicle	15-Sep-09 A	31-Dec-14								
CIP0066	- Rail Shop Repair Equipment	01-Dec-10 A	29-Apr-15								
CIP0067	- Rail Car Safety and Reliability Enhancements	01-Jul-10 A	05-Sep-17								
CIP0067-01	- Rail Car Safety & Reliability Enhancements - 1000 Series Shells	30-Jun-11	30-Jun-11								
CIP0067-02	- Rail Car Safety & Reliability Enhancements - 2K & 3K Compre...	18-Mar-11 A	16-Mar-18								
CIP0067-03	- Rail Car Safety & Reliability Enhancements - Comm. Control P...	07-Sep-09 A	30-Jun-15								
CIP0067-04	- Rail Car Safety & Reliability Enhancements - Emerg. Ext. Door...	27-Aug-10 A	29-Apr-15								
CIP0067-05	- Rail Car Safety & Reliability Enhancements - Wrong Side Door	03-Jan-11 A	14-Jun-13								
CIP0067-07	- Rail Car Safety & Reliability Enhancements - Roll Back Preven...	30-Jun-10 A	03-Apr-12								
CIP0067-08	- Rail Car Safety & Reliability Enhancements - Fleet Standardiza...	30-Jun-11	30-Jun-11								
CIP0067-10	- Rail Car Safety & Reliability Enhancements - Precision Stop C...	30-Jun-11	30-Jun-11								
CIP0069	- 75% 8-Car Train: Rail Cars (7000 Series)	01-Jul-09 A	15-Feb-22								
CIP0071	- Test Track & Commissioning Faciliti	01-Jul-10 A	08-Jan-14								
CIP0072	- Elevator Rehabilitation	01-Jul-10 A	02-Nov-16								
CIP0073	- Escalator Rehabilitation	01-Jul-10 A	02-Nov-16								
CIP0074	- Installation of Parking Lot Credit Card Readers	31-Aug-09 A	28-Sep-12								
CIP0076	- 100% 8-Car Train: Power Upgrades	03-Jan-12	05-Sep-17								
CIP0077	- 8-Car Train: Power Upgrades	01-Apr-10 A	30-Dec-11								
CIP0078	- Bladensburg Shop Reconfiguration	26-Oct-10 A	31-Mar-16								
CIP0080	- Jackson Graham Building Renovation	01-Jul-10 A	30-Oct-12								

Proj. No.	Project Name	Current Start	Current Finish	2010	2011	2012	2013	2014	2015	2016	2017
CIP0084	Southern Ave. Bus Garage Replacement	01-Jul-10 A	23-Oct-13								
CIP0085	Royal Street Bus Garage Replacment (Cinder Bed Rd.)	01-Jul-10 A	02-Sep-14								
CIP0086	Southeastern Bus Garage Replacement	01-Jul-10 A	28-Sep-12								
CIP0087	Station Rehabilitation Program	01-Apr-10 A	30-Jun-17								
CIP0088	Station Entrance Canopies	01-Jul-13	05-Sep-17								
CIP0089	Track Fasteners	04-Jan-10 A	29-Sep-17								
CIP0091	Automatic Fare Collection Machines	01-Jul-11 A	09-Dec-16								
CIP0092	Ethernet Wiring for Rail Fare Machines	01-Jul-10 A	29-Jun-12								
CIP0093	Integrating Regional NEXTFARE System	04-Jan-10 A	04-Oct-17								
CIP0094	Improvements to Coin Collecting Machines	01-Jul-09 A	29-Jun-12								
CIP0097	New Electronic Payments Program	01-Sep-10 A	30-Jun-17								
CIP0099	Police Emergency Management Equipment	01-Jul-10 A	06-Jul-17								
CIP101	District 2 - Police Substation & Training Facility	01-Jul-10 A	10-Jan-14								
CIP103	Police Portable Radio Replacement	01-Jul-10 A	30-Jun-17								
CIP106	Special Operations Division Facility	01-Oct-10 A	05-Dec-13								
CIP107	Rail Rehabilitation Tier 1: Dupont to Silver Spring	06-Aug-07 A	09-Jan-14								
CIP108	Rail Rehabilitation Tier 1: Dupont to Grosvenor	16-Apr-12	22-Jun-18								
CIP110	Rail Rehabilitation Tier 1: National Airport to Stadium	09-Oct-09 A	11-Jan-17								
CIP116	Rail Yard Facility Repairs Tier 1: Alexandria, Brentwood	01-Oct-09 A	31-Aug-17								
CIP119	Bus Garage Facility Repairs Tier 1: Western, Northern	04-Nov-10 A	12-Aug-14								
CIP126	Financial Planning, Project Administration, Systems	04-Jan-10 A	05-Sep-17								
CIP127	Support Equipment - MTPD	01-Jul-10 A	30-Jun-17								
CIP128	Data Governance and Business Intelligence	29-Aug-11 A	29-Feb-12								
CIP131	Credit Facility	01-Jul-10 A	30-Jun-17								
CIP132	Elevator / Escalator Repairables	01-Jul-10 A	30-Sep-16								
CIP133	Wayside work Equipment	01-Jul-09 A	31-Jul-15								
CIP135	Train Control Signal	01-Apr-10 A	03-Sep-13								
CIP136	FCC Radio Frequency Communication Changes	25-Aug-10 A	30-Jun-15								
CIP138	System Wide Infrastructure Rehabilitation	01-Jul-10 A	30-Jun-14								
CIP138-01	Replace Track Circuits (FO5143)	01-Jul-10 A	23-Mar-12								
CIP138-02	Replace RTU @ 35 TCR (FO5144)	01-Jul-10 A	30-Mar-12								
CIP138-03	UPG STAP, Repl Relay (FO6026)	01-Jul-10 A	16-Dec-11								
CIP138-04	Silver Spring TCR (FQ7100)	05-May-09 A	09-May-12								
CIP138-05	Pepco Power Conversion (Potomac) (0000037804)	01-Jul-10 A	17-Oct-11								
CIP138-06	Restore Farragut N. B10 Beam (Potomac) (0000045999)	01-Jul-10 A	09-Mar-12								
CIP138-07	Garage Washdown (Potomac) (0000048382)	15-Mar-11 A	20-Feb-12								
CIP138-08	Liebert AC Units CTF (Potomac) (0000048433)	01-Jul-10 A	18-Nov-11								
CIP138-09	Utility Work Auth-Pooks Hill A10 (Pepco) (6A3102)	01-Jul-10 A	30-Nov-11								
CIP138-10	Rehab 2 Garages (FO5084)	30-Dec-05 A	30-Dec-11								

Proj. No.	Project Name	Current Start	Current Finish	2010	2011	2012	2013	2014	2015	2016	2017
CIP0143	Bus Lifecycle Overhaul	01-Apr-10 A	05-Sep-17								
CIP0145	Rail Yard Hardening and Bus Security	08-Aug-11 A	31-May-13								
CIP0146	Mainline No. 8 Switch Replacement Program	03-Jan-11 A	30-Oct-12								
CIP0147	FBI National Electronic Countermeasures Program	03-Jan-11 A	28-Sep-12								
CIP0148	Repair of Damaged Railcars	03-Jan-11 A	30-Jun-15								
CIP0149	Transit Asset Management System	01-Aug-11	30-Dec-11								
CIP0150	Fire Alarm System Replacement	03-Jan-11	03-Jan-11								
CIP0151	Station Cooling Program	01-Jul-11 A	30-Jun-15								
CIP0152	Parking Garage Rehabilitation	01-Jul-11 A	03-Dec-15								

Proj. No.	Project Name	Current Start	Current Finish	2009	2010	2011	2012	2013	2014	2015	2016	2017
SEC0001	Bus Garage Security [7TSGPS113-03]	30-Sep-07 A	30-Sep-12									
SEC0002	Cameras on Buses [8TSGP113-05]	31-Jul-08 A	31-Jul-13									
SEC0003	CCTV on Rail Cars [8TSGP113-01]	31-Jul-08 A	02-Aug-13									
SEC0004	CCTV Upgrade & Central Monitoring [2009-RA-T9-K023-02]	31-May-09 A	31-May-14									
SEC0005	Chemical Detection in MetroRail Stations [9UASI113-03]	30-Sep-09 A	25-Nov-12									
SEC0006	Surveillance Camera Project [9UASI113-02]	30-Jun-09 A	31-Aug-12									
SEC0007	Montgomery Bus Garage [7TSGP113-03]	31-May-07 A	31-May-12									
SEC0009	Smart CCTV and Replacement Gates [2009-RA-T9-K023-04]	31-May-09 A	31-May-14									
SEC0010	PROTECT Chemical Detection Station - McPherson [6TSGP11...]	30-Jun-06 A	30-Sep-11									
SEC0011	AOCC: Radio Redundancy [7TSGP113-02]	31-May-07 A	31-May-12									
SEC0012	Shaft / Portal Detection and Sonet Ring [8TSGPS113-02]	31-Jul-08 A	31-Jul-13									
SEC0030	MERV Cabinets [8UASI113-01]	31-May-06 A	31-Jul-11									



Safety & Security
 FY2012-Q1 Schedule Summary

Actual Work
 Remaining Work

Proj. No.	Project Name	Current Start	Current Finish	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARA0001	New Bus Body & Paint Shop (ST04)	01-Apr-09 A	20-Aug-12									
ARA0002	Replacement of Southeastern Bus Garage (ST05)	01-Apr-09 A	21-Sep-12									
ARA0003	Bus Garage Facility Repairs (ST11)	01-Apr-09 A	29-Jun-12									
ARA0004	Replacement of Crumbling Platforms (ST08)	02-Feb-09 A	16-Mar-12									
ARA0005	Update Platform Real Time Signs (ST28)	01-Apr-09 A	30-Aug-12									
ARA0006	Metro Center Sales Office Replacement (ST38)	01-Apr-09 A	29-Jun-12									
ARA0007	Bus Garage Security Update (ST23)	01-Apr-09 A	30-Dec-11									
ARA0008	Additional Station Alarm / Chemical Sensors (ST48)	01-Apr-09 A	30-Mar-12									
ARA0009	Heavy Duty Locomotives for Maintenance (ST12)	01-Apr-09 A	30-Sep-11 A									
ARA0010	60-Ton Crane for Trackwork (ST17)	01-Apr-09 A	30-Nov-12									
ARA0011	Heavy Duty Track Equipment (ST07)	01-Apr-09 A	31-Jan-12									
ARA0012	Track Welding program to Repair Defects (ST18)	01-Apr-09 A	28-Oct-11									
ARA0013	Upgrade Three (3 Nos) Oldest Stations & Systems (ST09)	02-Feb-09 A	30-Mar-12									
ARA0014	Bus Real-Time, Route & Scheduling Systems (ST21)	01-Apr-09 A	30-Dec-11									
ARA0015	Sensitive Data Protection Technology (ST16)	01-Apr-09 A	28-Oct-11									
ARA0016	Financial System Integration (ST63)	01-Apr-09 A	12-Aug-11									
ARA0017	Communications Equipment for OCC (ST24)	01-Apr-09 A	28-Sep-12									
ARA0019	Bus Engine Fluid Alert System (ST34)	01-Apr-09 A	26-Jan-12									
ARA0023	Program Management (ST64)	01-Apr-09 A	30-Mar-12									



American Reinvestment & Recovery Act (ARRA)

FY2012-Q1 Schedule Summary

Actual Work
 Remaining Work

Proj. No.	Project Name	Current Start	Current Finish	2010	2011	2012	2013	2014	2015	2016	2017
CRB0001	Anacostia Light Rail Demonstration	03-Jan-11 A	16-Jul-13								
CRB0002	DC Dwtown Circulator Buses	03-Jan-11 A	29-Jun-12								
CRB0004	Southeast Bus Garage Replacement	03-Jan-11 A	12-Jul-12								
CRB0005	Project Development	01-Jul-11 A	29-Jun-12								
CRB0006	Glenmont Parking Facility	20-Sep-10 A	26-Oct-12								
CRB0007	Takoma Langley Park Center	03-Jan-11	03-Jan-11								
CRB0009	Project Development	01-Jul-11 A	29-Jun-12								
CRB0011	Eisenhower Station Entrance	28-Jan-10 A	13-May-13								
CRB0012	King Street Station Bus Loop Configuration	28-Jan-10 A	02-Oct-13								
CRB0013	Potomac Yard Alt. Analysis	03-Jan-11 A	31-Dec-13								
CRB0015	Columbia Pike - NEPA & Small Starts	17-Nov-09 A	28-Sep-12								
CRB0016	Columbia Pike Super Stops	03-Jan-11 A	29-Jun-12								
CRB0017	Vienna Station Mezzanine Stair	22-Jul-10 A	30-Apr-12								
CRB0018	Project Development	01-Jul-11 A	29-Jun-12								
CRB0019	Dulles Extension Design Build	03-Jan-11	03-Jan-11								
CRB0020	Dulles Phase 2 (PE)	01-Jun-10 A	30-Dec-11								
CRB0021	6000 Series Rail Car Purchase - Base	20-Jun-02 A	29-Jun-12								
CRB0022	Regional Travel Training ACCS	01-Mar-10 A	30-Mar-12								
CRB0029	Crystal City Potomac Yard	06-Oct-10 A	01-Jun-12								
CRB0038	Precision Stopping	03-Jan-11	03-Jan-11								
CRB0041	IT Communication Enhancement	03-Jan-11	03-Jan-11								
CRB0042	Rosslyn Station New Entrance	11-Feb-10 A	28-Feb-14								
CRB0045	DC Real Time Sign Bus Shelters	03-Jan-11	03-Jan-11								
CRB0084	West Falls Church Bus Bays	14-Apr-11 A	30-Nov-11								
CRB0109	Regional Fare Int. (MTA)	05-Aug-03 A	29-Jun-12								
MSC0005	Tax Advantage Lease Program	03-Jan-11	03-Jan-11								



Reimbursables
FY2012-Q1 Schedule Summary

Actual Work
Remaining Work



Appendix G: Glossary of Acronyms and Abbreviations

A

A&E	architecture and engineering
AA	alternatives analysis
AAI-CAF	(Spanish acronym) manufacturer of the 5000-series rail cars
AC	air conditioning or alternating current
ACI	automatic car transponder identification system
ADA	Americans with Disabilities Act
AFC	automatic fare collection
AGT	automated guide-way transit
AIT	Art in Transit
AOCC	alternate operations control center
APS	auxiliary power supply
APTA	American Public Transportation Association
ARRA	American Recovery and Reinvestment Act
ARS	Adopted Regional System
ATC	automatic train control
ATO	automated train operation
ATD	advanced technology diesel
ATS	automatic transfer switch
AVL	automatic vehicle locator
AVR	automatic voltage regulator
AWP	Annual Work Plan

B

BAFO	best and final offer
BAH	Booz, Allen & Hamilton, Inc.
BDA	bi-directional amplifiers
BEAC	budget estimate at completion
BMM	Beyond Metro Matters Program
BPM	business process review
BRT	bus rapid transit



C

CADDcomputer-aided drafting and design
CAFEComputer Authorization for Expenditure Workflow System
CAPcertified apprenticeship program
CCPcommunications control panel
CCTVclosed-circuit television
CDcalendar days
CDR.....conceptual design review
CIP.....Capital Improvement Program
CMconstruction manager
CMAAConstruction Management Association of America
CMAQCongestion Mitigation and Air Quality
CMCconstruction management consultant
CMUconcrete masonry unit
CNG.....compressed natural gas
CNICapital Needs Inventory
COTS.....commercial off the shelf
CRCSComprehensive Radio Communications System
CSPconstruction safety program
CTB(Virginia) Commonwealth Transportation Board
CTCCapital Transit Consultants
CTF.....Carmen Turner Facility

D

D/B.....design/build
D/B/Bdesign/bid/build
DBEdisadvantaged business enterprise
DBFMdynamic brake feedback module
DCU.....door control unit
DEISdraft environmental impact statement
DMJMDaniel, Mann, Johnson & Mendenhall
DPSdrainage pumping station
DRBDispute Review Board
DRPT.....(Virginia) Department of Rail and Public Transportation
DTPDulles Transit Partners, LLC



E

E&O.....errors and omissions
EA.....environmental assessment
EDADSenhanced data acquisition and display system
EIS.....environmental impact statement
EMIengineering modification instructions, or electro-magnetic interference
ERRP.....Emergency Rail Rehabilitation Program
ETEC.....emergency tunnel evacuation carts
ETCestimate to complete
ETS.....emergency trip stations
EV.....earned value

F

FAI.....first article inspection
FCCIfirst car configuration inspection
FDR.....final design review
FEIS.....final environmental impact statement
FFGAfull funding grant agreement
FFP.....firm-fixed price
FHWAFederal Highway Administration
FIA.....fire and intrusion alarm
FMO.....financial management oversight
F/O.....fiber optic
FRAFederal Railroad Administration
FTA.....Federal Transit Administration
FUAfirst unit accepted

G

GEC.....general engineering consultant
GISGeographic Information System
GMPguaranteed maximum price
GOTRS.....General Order Track Rights System



H

HEOPHeavy Equipment Overhaul Program
HVAC.....heating, ventilation, and air conditioning

I

IAMIdentity and Access Management
IAWPIntegrated Annual Work Plan
ICADIntegrated Computer Assisted Detection
ICCAInterim Capital Contributions Agreement
IFC.....issued for construction
IFO.....Integrated Financial Organization
IFPIntegrated Financial Plan
IGF.....Internally generated funds
IRP.....Infrastructure Renewal Program
ISTEAIntermodal Surface Transportation Efficiency Act of 1991
ITInformation Technology
ITS.....intelligent transportation systems

J

JARCJob Access/Reverse Commute
JCC.....Jurisdictional Coordinating Committee
JOCJob Order Contracting Program
JVjoint venture

L

LBTlarge bore tunnel
LDliquidated damages
LGSLane, Granite and Skanska Joint Venture
LNTPlimited notice to proceed
LPA.....locally preferred alternative
LRTlight rail transit
LRV.....light rail vehicle
LUA.....last unit accepted



M

MARCMaryland Rail Commuter
MCCmotor control center
MDBDmean distance between delays
MISmajor investment study
MMFAMetro Matters Funding Agreement
MMMSMaterial Maintenance and Management System
MMPMetro Matters Program
MOD(contract) modification
MOSminimum operable segment
MPS.....master program schedule
MTTR.....mean time to repair
MWAAMetropolitan Washington Airport Authority
MWCOCMetropolitan Washington Council of Governments

N

NCPCNational Capital Planning Commission
NEPA.....National Environmental Policy Act
NSPNew Start Project
NTDNational Transit Database
NTEnot to exceed
NTI.....National Transit Institute
NTPnotice to proceed
NTSB.....National Transportation Safety Board

O

O&Moperating and maintenance (such as O&M costs)
OCC.....Operations Control Center
ODC.....other direct costs
ODP.....(U.S.) Office of Domestic Preparedness
OFSorder for services
OTPon-time performance



P

PA.....	public address
PB(QD)	Parsons, Brinckerhoff, Quade & Douglas, Inc.
PCI.....	payment card industry
PCO.....	pending (or proposed) change order
PDR.....	preliminary design review
PE.....	preliminary engineering
P/I.....	policy instruction
PIDS	passenger information display system
PLE.....	parking lot equipment
PM.....	project manager
PMI	Project Management Institute
PMIS.....	Project Management Information System
PMO	project management oversight
PMOC.....	project management oversight contractor
PMP.....	project management plan
PPE	personal protective equipment
PSS	program station stop, or public safety system
P2D.....	Parsons Transportation Group, Inc.; Parsons, Brinckerhoff, Quade & Douglas, Inc.; and Delon Hamption & Associates

Q

QA	quality assurance
QC.....	quality control



R

RCSCRegional Customer Service Center
RE.....resident engineer
RFPrequest for proposal
RFQ.....request for qualifications
RMS.....records management system
ROCSRail Operations Computer System
ROD.....record of decision, or revenue operations date
ROW.....right of way
RTUremote terminal unit

S

S&I.....storage/service and inspection
SAFETEA-LU.....Safe, Accountable, Flexible, Efficient Transportation Equity Act – a Legacy for Users
SAPSystem Access/Capacity Program, or safety awareness program
SCI.....substantial completion inspections
SCPsafety certification program
SCWGsafety certification working group
SEPSystem Expansion Program
SEIPSystem Expansion and Improvement Program
SMswitch machine
SMADSStation Monitor and Display System (fare collection equipment)
SMS.....Safety Measurement System
SOS.....scope of service
SOWscope of work
SRO.....station over-run
SSOA.....state safety oversight agency
SSPPsystem safety program plan
SSPS.....system safety program standards
SSWPsite specific work plan



T

TBS.....tie breaker station
TC.....train control
TCR.....train control room
TEA-21.....Transportation Equity Act for the 21st Century
TIFIA.....Transportation Infrastructure Finance & Innovation Act
TIIF.....Transportation Infrastructure Investment Fund
TIP.....transportation improvement program
TOD.....transit oriented development
TPSG.....traction power switch gear
TPSS.....traction power substation
TSP.....transit signal priority
TUN.....temporary user notice

U

UPS.....uninterrupted power supply

V

VE.....value engineering
VMS.....vehicle management/monitoring system
VRE.....Virginia Railway Express

W

WBS.....work breakdown structure

Y

YOE.....year of expenditure
YTD.....year to date

M System Map

MetroOpensDoors.com
 Customer Information Service: 202-637-0000
 TTY Phone: 202-638-3780

Legend

- Red Line • Glenmont to Shady Grove
- Orange Line • New Carrollton to Vienna/Fairfax-GMU
- Blue Line • Franconia-Springfield to Largo Town Center
- Green Line • Branch Avenue to Greenbelt
- Yellow Line • Huntington to Fort Totten

Station in Service

Commuter Rail

Virginia Railway Express

Bus to Airport

Transfer Station

Parking



Every other outbound Red Line train terminates at Grosvenor-Strathmore station Weekdays 7:00 to 9:30 a.m. and 4:00 to 6:30 p.m.

Yellow Line service operates between Mt Vernon Sq/7th St-Convention Center and Fort Totten stations except Weekdays 8:00 to 9:30 a.m. and 3:00 to 7:00 p.m.

♿ Metro is accessible.