

(CIP0002) Bus Onboard Location Equipment and Software Program

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance/Overhaul
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program supports the design and replacement of automatic vehicle location (AVL) and related equipment on buses. This equipment is vital to bus operations, bus location tracking Global Positioning System (GPS) and bus diagnostics.



Outcome

Increases fleet availability and reliability through on board diagnostics that alert maintenance personnel of defects and failures that can be corrected proactively as measured by the Bus Fleet Reliability performance indicator [FY20 target greater than 7,000 miles between failures]. Improves efficiency of revenue service through reliable GPS and route mapping abilities. Enables buses to communicate with Transit Signal Prioritization equipment along service routes.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

This program is in its second year and will conclude in FY2024. Design, acceptance and installation on the first group of buses will occur by the end of the fiscal year.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$2.0	\$1.8 - \$1.8	45%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.4
MD Dedicated Funding	\$0.4
VA Non-Restricted Dedicated Funding	\$0.3
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$0.9
Net Accruals	\$(0.4)
TOTAL	\$0.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
Clever Devices Ltd.	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0004) Bus Maintenance Equipment Replacement Program

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance/Overhaul
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program replaces existing equipment past useful life and provides new equipment to support the repair and maintenance of the bus and non-revenue fleets. Additionally, this project supports the construction of minor garage improvements.



Outcome

Maximizes the efficiency of bus maintenance operations to support improved fleet availability as measured by the Bus Fleet Reliability performance indicator [FY20 target greater than 7,000 miles between failures].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Scheduled replacement of bus maintenance equipment including fork lifts, tool box kits, bus diagnostic equipment, and mechanic training equipment.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.0	\$1.2 - \$1.2	30%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$0.9
Net Accruals	\$(0.1)
TOTAL	\$0.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
Power Test, Inc.	Consulting
CH2M Hill, Inc	Consulting
Badger Mills Supply Company	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0005) Bus Vehicle Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance/Overhaul
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Andrews Federal Bus Garage - Suitland;
 Carmen Turner Facility - Landover

Description

This program provides for the complete rehabilitation of bus mechanical, electrical and structural systems when a bus is approximately 7.5 years of age. Additionally, the program supports the procurement of components to replace those that can no longer be overhauled.



Outcome

Allows Metro to achieve the maximum useful life of a bus which extends the period between bus replacements while minimizing routine maintenance costs. Also, maintains bus reliability and addresses reliable revenue service availability as measured by the Bus Fleet Reliability performance indicator [FY20 target greater than 7,000 miles between failures].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$49.0	\$49.0 - \$49.0	80%

Funding Sources	YTD Expended
Formula	\$31.6
PRIIA	\$-
Other	\$-
Federal Subtotal	\$31.6
System Performance	\$5.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$7.4
Net Accruals	\$1.5
TOTAL	\$39.0

Metro has overhauled 72 out of the 100 buses scheduled for FY2021, including rebuilding 62 out of 125 engines and 102 out of 150 transmission assemblies. 69 out of 100 energy storage systems have been replaced along with the rehabilitation of 145 out of 232 fare boxes. Various other components including axles, HVAC units, pro-heat units and steering boxes are being rebuilt.

Active Procurement & Awarded Contracts

Company	Vendor Activity
North Eastern Bus Rebuilders Inc.	Equipment/Materials
The Aftermarket Parts Company	Equipment/Materials
Cummins Power Systems LLC	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0006) Bus Fleet Acquisition Program

FY2021 Q3

Initiative Type Program
Invest. Program Bus and Paratransit Acquisition
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Post-Delivery inspections occur at Landover Bus Division - Landover

Description

This program acquires and replaces standard 30-foot, 40-foot buses and the articulated buses according to the current Metrobus Fleet Management Plan. It also includes all training required to maintain a bus and the purchase of spare parts.



Outcome

Provides customers with reliable and modern buses as measured by the Bus Fleet Reliability performance indicator [FY20 target greater than 7,000 miles between failures]. Maintains an average fleet age of approximately 7.5 years.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$88.6	\$77.5 - \$82.5	62%

Funding Sources	YTD Expended
Formula	\$47.2
PRIIA	\$-
Other	\$4.9
Federal Subtotal	\$52.1
System Performance	\$0.2
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$2.5
Net Accruals	\$1.9
TOTAL	\$54.6

Metro's FY2021 order includes 100-40 foot and 32 60-foot Clean Diesel buses. As of Q3, 32 60-foot Clean Diesel buses have been delivered and 38 40-foot Clean Diesel buses have been delivered.

Active Procurement & Awarded Contracts

Company	Vendor Activity
New Flyer of America, Inc.	Equipment/Materials
CH2M HILL, Inc.	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0007) Bus Closed Circuit Television Replacement Program

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance/Overhaul
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program replaces Metrobus closed circuit television (CCTV) camera systems on-board Metrobus vehicles to maintain a state of good repair on a lifecycle basis.



Outcome

Monitors the interior of buses to deter crime and support the safety of customers and employees as measured by the Metrobus customer injury rate performance indicator [FY20 target of less than 2.45 injuries per million passengers], the bus system employee injury rate performance indicator [FY20 target of less than 9.4 per 200,000 hours worked], and the rate of crimes against passengers performance indicator [FY20 target of less than 5.3 crimes per million passengers or fewer]

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$6.0	\$(0.6) - \$0.4	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.0
Net Accruals	\$(0.0)
TOTAL	\$0.0

Metro has begun the life cycle replacement of Close-Circuit TV (CCTV) units for the entire bus fleet (1,583 buses). FY2021 is the first year out of a three year program to replace CCTV units.

Active Procurement & Awarded Contracts

Company	Vendor Activity
CH2M HILL, Inc.	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0009) Service Vehicle Acquisition Program

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Bus
Location Systemwide

Description

This program acquires non-revenue support vehicles, including police vehicles, primarily to replace vehicles that are past their useful life.



Outcome

Maintains the fleet of service vehicles in a state of good repair and prevents potential reliability problems.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$11.9	\$11.4 - \$12.4	79%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$3.4
MD Dedicated Funding	\$3.2
VA Non-Restricted Dedicated Funding	\$2.3
VA Restricted Dedicated Funding	\$0.7
Local Subtotal	\$9.4
Net Accruals	\$(0.1)
TOTAL	\$9.4

Metro is scheduling the replacement of service vehicles based on a prioritized list of mileage and need.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Brian Hoskins Ford	Equipment/Materials
Criswell Chevrolet	Equipment/Materials
RK Chevrolet, Inc	Equipment/Materials
American Truck & Bus, Inc.	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0010) Environmental Compliance Program

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program designs, upgrades and replaces equipment and facilities to maintain compliance with environmental regulations and directives from regulatory agencies.



Outcome

Allows Metro operations to continue and protects the region's natural resources and human health.

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



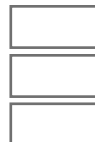
Ridership



Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$7.0	\$4.8 - \$5.8	60%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$1.4
MD Dedicated Funding	\$1.3
VA Non-Restricted Dedicated Funding	\$0.9
VA Restricted Dedicated Funding	\$0.3
Local Subtotal	\$4.2
Net Accruals	\$0.3
TOTAL	\$4.2

Metro is working with the District of Columbia to obtain the correct permits (anticipated in June) to start the construction of the New Hampshire Ave Chiller Water Treatment Facility. Metro also completed replacement of the Underground Storage Tank Replacement at the Alexandria Railyard.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Potomac Construction Company	Construction

Note: all figures are preliminary and unaudited



(CIP0015) MetroAccess Fleet Acquisition

FY2021 Q3

Initiative Type Program
Invest. Program Bus and Paratransit Acquisition
Invest. Category Bus, Bus Facilities and Paratransit

Mode Access
Location Systemwide

Description

This program acquires vehicles for the paratransit fleet (MetroAccess), consistent with the MetroAccess fleet plan. Vehicle acquisition includes purchase of vans, minivans and sedans, in addition to making the necessary retrofits to add paratransit equipment and features. This program primarily supports the replacement of paratransit vehicles on a lifecycle basis.



Outcome

Prevents future reliability problems within the fleet as measured by the MetroAccess on-time performance indicator [FY20 target greater than 90% on-time]. Newer vehicles also incorporate updated ADA standards, customer feedback on improvements and improved fuel efficiency.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$8.9	\$7.1 - \$9.1	46%

Funding Sources	YTD Expended
Formula	\$1.0
PRIIA	\$-
Other	\$-
Federal Subtotal	\$1.0
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$3.1
Net Accruals	\$2.9
TOTAL	\$4.1

Metro is accepting the delivery of a total of 177 sedans with related outfitting in FY2021. As of Q3, 80 sedans have been delivered. Additionally, Metro is procuring 100 next generation paratransit vans for delivery in FY2022 and mobile data terminals and CCTV equipment for new vehicles.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Sonny Merryman	Equipment/Materials
Lytix, Inc	Equipment/Materials
Trapeze Software Group	Equipment/Materials
Active Solicitation	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0024) Track Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Fixed Rail
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program replaces and rehabilitates the running rail and third rail track infrastructure and components to maintain a state of good repair.



Outcome

Maintains track infrastructure in a state of good repair to prevent potential safety incidents and minimize disruptions to rail service as measured by the Rail Infrastructure Availability performance indicator [FY20 target less than 3.8% of track under performance restrictions].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$85.3	\$63.4 - \$70.4	55%

Funding Sources	YTD Expended
Formula	\$31.3
PRIIA	\$-
Other	\$-
Federal Subtotal	\$31.3
System Performance	\$1.0
Reimbursable/Debt/Other	\$0.4
DC Dedicated Funding	\$5.3
MD Dedicated Funding	\$4.9
VA Non-Restricted Dedicated Funding	\$3.5
VA Restricted Dedicated Funding	\$1.1
Local Subtotal	\$15.9
Net Accruals	\$(0.1)
TOTAL	\$47.2

Metro is continuing the systemwide state of good repair program which includes stabilization and tamping of track, cleaning of the track bed, and replacement or renewal of crossties, fasteners, grout pads, drains, insulators and switches.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Mott McDonald I&E, LLC	Consulting
Progress Rail Services Corp	Equipment/Materials
Unitrac Railroad Materials, Inc.	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0025) Roadway Equipment and Vehicle Program

FY2021 Q3

Initiative Type Program
Invest. Program Fixed Rail
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Commissioning for equipment will occur at Greenbelt Rail Yard

Description

This program acquires roadway maintenance machines (RMM) and equipment primarily to replace RMM and equipment that has reached the end of its useful life and is no longer feasible to maintain.



Outcome

Maximizes productivity of maintenance work through timely replacement of track equipment to address equipment availability, reliability, and fewer work delays due to equipment breakdowns. This state of good repair supports the efficient use of work time for track outages.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$8.2	\$5.3 - \$6.3	36%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$1.1
MD Dedicated Funding	\$1.1
VA Non-Restricted Dedicated Funding	\$0.8
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$3.0
Net Accruals	\$(0.3)
TOTAL	\$3.0

Currently ongoing equipment production for Down and Under Prime Movers, Drain Cleaner, E-clip Installers, and Ride-on Plate Inserters. Delivery and commissioning of all equipment expected in Q1/Q2 of FY2022.

Active Procurement & Awarded Contracts

Company	Vendor Activity
HARSCO Metro Rail LLC	Equipment/Materials
Racine Railroad Products	Equipment/Materials
Swingmaster Corp	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0029) Warehouse Vertical Store Unit

FY2021 Q3

Initiative Type Project
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Metro Supply Facility; Various Storerooms at Railyards and Bus Garages

Description

This project installs and reorganizes vertical and horizontal storage units, shelving and racking for storage of repair parts in order to allow greater storage capacity, inventory accuracy and enhanced safety. This project also upgrades parts storage systems with bar code systems for better parts location features.



Outcome

This project supports Metro's state of good repair.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.8	\$0.3 - \$0.3	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Metro is procuring and replacing vertical and horizontal storage units, warehouse security systems, and inventory control systems at the Metro Supply Facility and various storerooms located at railyards and bus garages. Currently, contract solicitations are being prepared to move two Remstar units to the new Dulles Rail Yard warehouse and for construction of new storage mezzanines at Main Supply Facility in Landover.

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0033) Revenue Facility Equipment Replacement

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program replaces and rehabilitates deteriorated bus bins, cash vaults and other equipment used to collect and transport cash and coins.



Outcome

Improves bus revenue processing reliability by reducing equipment failures.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro planned to replace bus bins and cash vaults to facilitate revenue processing. This effort is pending due to fare collection program upgrades.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.4	\$- - \$-	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
GENFARE	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0034) Revenue Collection Facility Rehabilitation

FY2021 Q3

Initiative Type Project
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Alexandria

Description

This project will rehabilitate the high security facility where Metro processes cash revenue and bring it back into a state of good repair.



Outcome

Rehabilitate Metro's facility to maintain efficient and secure revenue collection operations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro concluded a building assessment of the revenue collection facility and continues the design of facility improvements in preparation for future construction.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.8	\$0.3 - \$0.3	38%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.3
Net Accruals	\$(0.4)
TOTAL	\$0.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
Johnson, Mirmiran & Thompson Inc	Engineering/Design
Systems Technology Group	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0035) Bicycle and Pedestrian Facility Rehabilitation

FY2021 Q3

Initiative Type Program
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program will improve non-vehicular access to Metrorail stations including: replacing bicycle racks and lockers that have reached the end of their useful life; as well as improving side-walks and curb designs.



Outcome

Improves the safety and security of customers through updated pedestrian access routes and bicycle storage facilities as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers] and the rate of crimes against passengers performance indicator [FY20 target of less than 5.3 crimes per million passengers or fewer]. Supports the region's goals of reducing vehicle use by providing additional and updated options to access Metrorail facilities by foot or bicycle.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.4	\$1.1 - \$1.1	53%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$0.7
Net Accruals	\$(0.1)
TOTAL	\$0.7

Metro continues to replace existing bike lockers and racks with new automated lockers and racks securable through a mobile application. Metro is also planning activities for new pedestrian walkways throughout the system.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Potomac Construction Co Inc.	Construction
Whitaker Parking Systems Inc.	Construction
Copper River Information Technology	Equipment/Materials
AECOM, USA, INC.	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0036) Procurement Program Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

Staff support for capital program procurement activity including support for the management and oversight of Metro's Small Business and Disadvantaged Business Enterprise Programs.



Outcome

Addresses Metro compliance with federal and local jurisdictional regulations including those regarding minority and small business contracting matters and supports timely procurement of capital contracts.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro continues to provide procurement support to facilitate planned capital projects.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.6	\$1.8 - \$1.8	74%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.2
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$(0.0)
MD Dedicated Funding	\$(0.0)
VA Non-Restricted Dedicated Funding	\$(0.0)
VA Restricted Dedicated Funding	\$(0.0)
Local Subtotal	\$1.2
Net Accruals	\$(0.0)
TOTAL	\$1.2

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0039) System Planning and Development

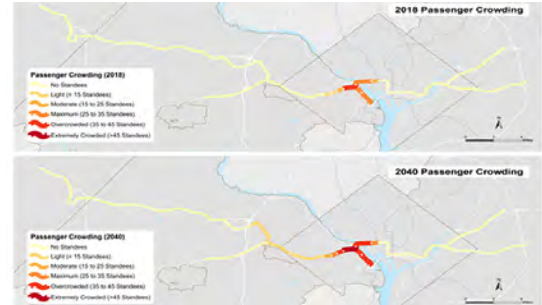
FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program conducts near-term and long-range planning studies and produces plans for station improvements that improve pedestrian flow, travel time, customer experience, vertical transportation, bus or rail operations, and station access.



Outcome

Allows Metro to continue to improve service to equitably meet customer and regional needs.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro continues planning, review, and implementation of facility and passenger improvements systemwide.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.3	\$1.4 - \$1.4	46%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.6
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.6
Net Accruals	\$(0.0)
TOTAL	\$0.6

Active Procurement & Awarded Contracts

Company	Vendor Activity
AECOM, USA, INC.	Consulting
Parsons Transportation Group	Consulting
VHB - Vanasse Hangen Brustlin, Inc	Consulting
KORBATO	Consulting

Note: all figures are preliminary and unaudited



(CIP0042) Asset Management Software Improvements

FY2021 Q3

Initiative Type Program

Invest. Program IT

Invest. Category Business and Operations Support

Mode Systemwide

Location Systemwide

Description

This program evaluates Metro's maturing business practices surrounding asset management and supports software modifications or the purchase and implementation of new software solutions.



Outcome

Allows Metro to track assets throughout their lifecycle from initial procurement to disposal.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.5	\$0.3 - \$0.3	34%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.2
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.2
Net Accruals	\$0.0
TOTAL	\$0.2

Metro is currently completing tasks related to the decommissioning of the Windchill application and consolidate PLM functionality into Metro's existing asset management system.

Active Procurement & Awarded Contracts

Company	Vendor Activity
CH2M HILL, Inc.	Engineering/Design
Birlasoft Consulting Inc.	Equipment/Materials
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0043) Bus Scheduling and Operations Software Improvements

FY2021 Q3

Initiative Type Project

Invest. Program IT

Invest. Category Business and Operations Support

Mode Bus

Location Systemwide

Description

This project will acquire scheduling software for both bus and rail scheduling functions.



Outcome

Enables workforce flexibility, efficiency, and compliancy through scheduling that maximally complies with work rules, including fatigue policies. A single enterprise scheduling system will reduce costs associated with operating and maintaining the system.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro is advancing project planning, design and development for Phase 1 of the scheduling Bus and Rail system and completing MetroAccess scheduling system product implementation.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.6	\$1.0 - \$1.0	7%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.2
Net Accruals	\$(0.0)
TOTAL	\$0.2

Active Procurement & Awarded Contracts

Company	Vendor Activity
Dell Marketing LP	Consulting
WSP USA Inc.	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0049) Technology Improvements for Administrative Functions

FY2021 Q3

Initiative Type Project

Mode Systemwide

Invest. Program IT

Location Systemwide

Invest. Category Business and Operations Support

Description

This project upgrades and implements new features and functionality to the Customer Relationship Management (CRM), Financial Management System (FMS) and employee badging technology systems.



Outcome

Improves customer relations, communications, financial management and compliance. Increases physical security through more efficient and secure software applications and the improved ability to control access to facilities.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro plans to complete the One Badge project by upgrading access software and adding badge readers, integrating Human Capital Model, and finalizing security protocols. This project supports Metro's security goals.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$2.1	\$2.6 - \$2.6	112%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.5
MD Dedicated Funding	\$0.5
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$2.3
Net Accruals	\$(0.3)
TOTAL	\$2.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
V Group Inc.	Consulting
Trigyn Technologies, Inc.	Consulting
Susan Fitzgerald & Associates, Inc.	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0052) Network & Communications

FY2021 Q3

Initiative Type Project

Mode Systemwide

Invest. Program IT

Location Systemwide

Invest. Category Business and Operations Support

Description

Provide secure access to network devices by regulating security controls when they initially attempt to access the network.



Outcome

The goal of the in-flight Network Access Control (NAC) project is to develop and enforce Metro's security policies on all devices accessing Metro's network, restrict access of noncompliant devices and limiting the potential damage from emerging security threats and risks, provide automatic vulnerability assessment and remediation of all devices (zero trust), and give real-time visibility of WMATA's network security posture.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.7	\$2.1 - \$2.1	42%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.6
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.7
Net Accruals	\$0.1
TOTAL	\$0.7

Active Procurement & Awarded Contracts

Company	Vendor Activity
Susan Fitzgerald & Associates, Inc.	Engineering/Design
A-Connection, Inc.	Equipment/Materials
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0056) Rail Service Management Software Improvements

FY2021 Q3

Initiative Type Program

Invest. Program IT

Invest. Category Business and Operations Support

Mode Rail

Location Systemwide

Description

This program will provide software updates and system integration between the Rail Operations Control Center (ROCC) and Passenger Information Display System (PIDS) at each station, ensuring train information is accurate and available to customers.



Outcome

Provides accurate information to Metrorail customers and employees regarding train arrival schedules and service disruptions.

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



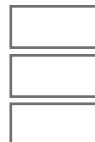
Ridership



Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.7	\$4.6 - \$4.6	63%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.8
MD Dedicated Funding	\$0.8
VA Non-Restricted Dedicated Funding	\$0.5
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$2.4
Net Accruals	\$0.0
TOTAL	\$2.4

Metro is advancing upgrades to Passenger Information Display Systems (PIDS), including software to support digital media for Silver Line Phase II stations, integration of the Potomac Yard station, and new 55 inch PIDS displays. The program will also implement performance dashboard software to monitor and report on the status of each PIDS in Metro's rail stations.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Susan Fitzgerald & Associates, Inc.	Engineering/Design
Software Information Resource Corporation	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0059) 8000-Series Railcars

FY2021 Q3

Initiative Type Project
Invest. Program Railcar Acquisition
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This project acquires up to 800 new 8000 series railcars. The initial 360 vehicles replace the 2000 and 3000 series railcars.



Outcome

Acquires new railcars to allow for retirement of the 2000 and 3000 series cars at the end of their 40-year service life. Maintaining the rail fleet in a state of good repair prevents future safety and reliability concerns as measured by the Rail Fleet Reliability performance indicator [FY20 greater than 130,000 miles between delay]. In addition, new railcars reduce maintenance needs, and provides improved customer features.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro awarded a contract for the 8000 Series and issued a Notice to Proceed (NTP) in Q3 of FY2021. Project is now advancing to the mobilization and conceptual design phases.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$37.7	\$33.8 - \$35.8	83%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$4.7
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$31.3
Net Accruals	\$26.6
TOTAL	\$31.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
Hitachi Railcars Inc.	Railcars

Note: all figures are preliminary and unaudited



(CIP0063) Rail Vehicle Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Railcar Maintenance/Overhaul
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Greenbelt Rail Yard; Brentwood Rail Yard

Description

This program will support scheduled overhauls of approximately one-fifth of the fleet (225 cars) annually. Major rail vehicle systems overhauled include, but are not limited to, replacement of wheels, brakes, traction motors, propulsion systems, HVAC, couplers and vital relays.



Outcome

Maintains the rail fleet in a state of good repair to prevent future safety and reliability concerns as measured by the Rail Fleet Reliability performance indicator [FY20 greater than 130,000 miles between delay] and the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$46.5	\$40.8 - \$43.8	67%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$30.0
Other	\$-
Federal Subtotal	\$30.0
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$0.9
Net Accruals	\$(0.0)
TOTAL	\$30.9

Metro has overhauled and conducted Scheduled Maintenance Service (SMS) on 94 out of an anticipated 134 Railcars (2000/3000/6000). Metro is also planning for 7000-series railcar overhauls.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Merak North America	Equipment/Materials
Stand Steel	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0065) Track Geometry Vehicle

FY2021 Q3

Initiative Type Project
Invest. Program Fixed Rail
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This project addresses the need to upgrade the Track Geometry Measuring System (TGMS) that gathers information used to perform maintenance work and forecast future needs and/or Track Geometry Vehicle (TGV) that detects flaws in the rail track.



Outcome

This project supports Metro's state of good repair.

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



Ridership



Op. Impact

Overall Status

Current Project Phase:

☐
☐
☐

Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.0	\$- - \$-	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Metro is procuring new Rail Flaw Detection equipment for the existing Track Geometry Vehicle. Currently in the equipment design and customization phase.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Ensco Rail Inc.	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0067) Rail Vehicle Safety & Reliability Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Railcar Maintenance/Overhaul
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This program performs engineering analysis, diagnosis, testing and resolution of safety, maintenance and operational issues.



Outcome

Improves and maintains the reliability of the railcar fleet as measured by the Rail Fleet Reliability performance indicator [FY20 greater than 130,000 miles between delay].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.8	\$3.7 - \$3.7	62%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$0.8
MD Dedicated Funding	\$0.8
VA Non-Restricted Dedicated Funding	\$0.5
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$2.3
Net Accruals	\$0.1
TOTAL	\$2.3

Metro is continuing fleet implementation for Precision Station Stop, Converter Function Module, and Stop & Proceed software updates for 2000/3000 and 6000 Series Railcars. Metro also plans to receive 1 out of 2 Bench Testing equipment units for Converter Function Modules for Railcar Maintenance/Overhaul Shops.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Alstom Transportation Inc.	Engineering/Design
Alstom Signaling Inc.	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0072) Elevator Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Vertical Transportation
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program rehabilitates elevators at Metrorail stations across the system including the replacement of internal elevator components and lighting upgrades to maintain a state of good repair.



Outcome

Maintains elevators in a state of good repair to preserve availability as measured by the Elevator Availability key performance indicator [FY20 target greater than 97%].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro has rehabilitated five out units at various locations around the system in FY2021.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$9.0	\$4.5 - \$4.5	37%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$3.6
Other	\$-
Federal Subtotal	\$3.6
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$(0.3)
Net Accruals	\$(0.3)
TOTAL	\$3.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
TMAK Joint Venture	Construction

Note: all figures are preliminary and unaudited



(CIP0073) Escalator Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Vertical Transportation
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program rehabilitates escalators to maintain a state of good repair.



Outcome

Maintains escalators in a state of good repair to prevent potential safety issues and preserve availability as measured by the Escalator Availability key performance indicator [FY20 target greater than 92%].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro has rehabilitated five out of 13 units planned systemwide under the new 5-year Escalator Rehabilitation contract which totals 89 units.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$14.4	\$8.6 - \$9.6	48%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$6.0
Other	\$-
Federal Subtotal	\$6.0
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.9
Net Accruals	\$0.9
TOTAL	\$6.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
TMAK Joint Venture	Construction

Note: all figures are preliminary and unaudited



(CIP0074) Parking Access & Collect Equipment

Q3

Initiative Type Project
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Systemwide
Location Systemwide

Description



Outcome

This project supports Metro's operations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro will conclude studies for parking meter technologies that could lead to future replacement of existing meters and will also update PCI standards for parking lot payment systems.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.6	\$0.7 - \$0.7	112%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.7
Net Accruals	\$0.1
TOTAL	\$0.7

Active Procurement & Awarded Contracts

Company	Vendor Activity
Parsons Transportation Group Inc.	Construction
Parkmobile USA, Inc.	Construction
Whitaker Parking Systems Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0076) Rail System Power Upgrades

FY2021 Q3

Initiative Type Project
Invest. Program Propulsion
Invest. Category Rail Systems

Mode Rail
Location Franconia-Springfield, King St., Pentagon City, Greenbelt, West Hyattsville, Tenleytown, Takoma Park, PG Plaza

Description

This project will upgrade and replace electrical infrastructure equipment to improve performance of the rail power system and accommodate additional eight-car trains. Upgrades to the rail power infrastructure include Traction Power Substations, Tie Breaker Stations, cabling, and transformers to both increase system capacity and reliability. Future upgrades on the red, yellow, and green lines will be completed with the needed state of good repair work under CIP0253.



Outcome

Contributes to Metro's ability to operate more 8-car trains in revenue service to increase capacity, reduce crowding, and improve the riding experience for Metrorail customers.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$48.8	\$53.8 - \$60.8	87%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$2.7
Reimbursable/Debt/Other	\$17.7
DC Dedicated Funding	\$7.4
MD Dedicated Funding	\$6.9
VA Non-Restricted Dedicated Funding	\$4.9
VA Restricted Dedicated Funding	\$1.5
Local Subtotal	\$42.5
Net Accruals	\$1.4
TOTAL	\$42.5

In Q3, Metro continued the installation of Traction Power Substation equipment at Van Dorn St, West Hyattsville and College Park-UMD. Metro started installation of traction power equipment at Franconia-Springfield and Takoma. Additionally, Metro started Tie Breaker Station equipment installation at West Hyattsville. 1,250 linear feet of cabling was installed.

Active Procurement & Awarded Contracts

Company	Vendor Activity
C3M Power Systems, LLC	Construction

Note: all figures are preliminary and unaudited



(CIP0087) Station and Facility Restoration Program

FY2021 Q3

Initiative Type Program
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program consists of evaluation of station condition, replacement of worn materials and fixtures, thorough cleaning and power washing of concrete and architectural features and the rehabilitation of restrooms. Each Metrorail station is scheduled for restoration approximately every four years.



Outcome

Provides customers and employees with a safe, clean and well-maintained environment.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro will clean and power wash concrete and architectural features and repair or replace worn interior fixtures systemwide.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$10.6	\$8.0 - \$9.2	57%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.4
DC Dedicated Funding	\$2.0
MD Dedicated Funding	\$1.9
VA Non-Restricted Dedicated Funding	\$1.3
VA Restricted Dedicated Funding	\$0.4
Local Subtotal	\$6.1
Net Accruals	\$0.0
TOTAL	\$6.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
C3M Power Systems, LLC	Construction

Note: all figures are preliminary and unaudited



(CIP0088) Station Entrance Canopy Installation

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This project installs new station entrance canopies over entry escalators and stairways.



Outcome

Improves the reliability and useful life of escalators by protecting escalators and stairways from exposure to weather as measured by the Escalator Availability key performance indicator [FY20 target greater than 92%]. Provides additional coverage for customers as they enter and exit the station.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$7.6	\$5.3 - \$5.3	50%

Funding Sources	YTD Expended
Formula	\$3.5
PRIIA	\$-
Other	\$-
Federal Subtotal	\$3.5
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.3
Net Accruals	\$(0.0)
TOTAL	\$3.8

Metro continues to install the DuPont Circle (North) canopy and the Judiciary Square (South) stairs. An RFP for Phase 4 of the project is being prepared for release in Q4. Scope includes new station entrance canopies at: Tenleytown-AU, Judiciary Square (North), Smithsonian (North), Capitol South, Potomac Ave, U St (East), Archives-Navy Memorial, Arlington Cemetery and stairs at: Bethesda, College Park-UMD, and Judiciary Square (North).

Active Procurement & Awarded Contracts

Company	Vendor Activity
F.H. Paschen, S.N. Nielsen & Assoc., LLC	Construction
Active Solicitation	Construction

Note: all figures are preliminary and unaudited



(CIP0099) Joint Development Program Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program supports the technical, legal, real estate advisory, and related services to support joint development planning and execution.



Outcome

Allows Metro to perform appropriate due diligence and accelerates the joint development process to increase ridership and economic development.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.3	\$1.0 - \$1.0	213%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.4
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.6
Net Accruals	\$0.1
TOTAL	\$0.6

Metro is continuing the transactional work that is required to enter into joint development agreements with various developers.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Hogan Lovells	Consulting
Jones Lang LaSalle	Consulting

Note: all figures are preliminary and unaudited



(CIP0101) Internal Compliance Capital Management Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program supports the performance of internal audits and oversight of the capital program.



Outcome

Allows Metro's capital program to be executed with strong organizational governance, internal controls and effective risk management.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro will perform audits of various capital project and business processes related to the delivery of capital projects.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.0	\$1.2 - \$1.2	93%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.3
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.9
Net Accruals	\$0.7
TOTAL	\$0.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
Crowe Horwath LLP	Consulting

Note: all figures are preliminary and unaudited



(CIP0102) Police District III Substation

FY2021 Q3

Initiative Type Project
Invest. Program MTPD
Invest. Category Business and Operations Support

Mode Systemwide
Location Prince George's County

Description

This project provides a permanent and dedicated transit police substation by renovating a former child care facility at Morgan Boulevard rail station to serve as a police substation with administrative office workspace, locker rooms, a break room, gym, interview rooms, and other workspaces.



Outcome

Improves the distribution of police personnel to strengthen customer safety and security through reduced response times to police calls as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers], the Metrobus customer injury rate performance indicator [FY20 target of less than 2.45 injuries per million passengers] and the rate of crimes against passengers performance indicator [FY20 target of less than 5.3 crimes per million passengers or fewer].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

No planned deliverables in FY2021, project will commence between FY2022 and FY2026.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.1	\$0.0 - \$0.0	31%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.0
Net Accruals	\$(0.0)
TOTAL	\$0.0

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0127) Transit Police Support Equipment

FY2021 Q3

Initiative Type Program

Mode Systemwide

Invest. Program MTPD

Location Systemwide

Invest. Category Business and Operations Support

Description

This program will provide acquisition and lifecycle replacement of various support equipment for the Metro Transit Police Department (MTPD).



Outcome

Addresses the security of Metro's passengers and employees by properly equipping MTPD as measured by the rate of crimes against passengers performance indicator [FY20 target of less than 5.3 crimes per million passengers or fewer].

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.0	\$0.9 - \$0.9	47%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.5
Net Accruals	\$-
TOTAL	\$0.5

Metro will continue acquisition and lifecycle replacement of support equipment for MTPD.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Safeware Inc.	Equipment/Materials
Axon Enterprise, Inc.	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0131) Capital Program Financing Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program funds the availability fees and interest expense for Metro's short-term line of credit used for capital program expenditures.



Outcome

Provides Metro access to short-term borrowing to fund the capital program.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro will continue to fund the lines of credit and interim financing costs necessary to finance capital program cash flow needs.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.7	\$2.0 - \$2.0	74%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.2
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$1.3
Net Accruals	\$-
TOTAL	\$1.3

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0132) Escalator and Elevator Overhaul Program

FY2021 Q3

Initiative Type Program
Invest. Program Vertical Transportation
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program rehabilitates or replaces escalator and elevator components based on condition and asset management criteria.



Outcome

Maintains elevators and escalators in a state of good repair to preserve availability as measured by the Elevator Availability key performance indicator [FY20 target greater than 97%] and the Escalator Availability key performance indicator [FY20 target greater than 92%].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$6.0	\$8.5 - \$9.5	105%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$2.2
MD Dedicated Funding	\$2.1
VA Non-Restricted Dedicated Funding	\$1.5
VA Restricted Dedicated Funding	\$0.5
Local Subtotal	\$6.3
Net Accruals	\$(0.0)
TOTAL	\$6.3

Metro is replacing speed reducer motors and rack and axle units, and refurbish gearboxes, brake boards and escalator steps. Additionally, production of 10,000 steps for replacement will begin.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Precision Escalator Products	Equipment/Materials
ECS Corporation	Equipment/Materials
Schindler Elevator Corporation	Equipment/Materials
Glebe Electronic	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0133) Train Detection and Warning System

FY2021 Q3

Initiative Type Project
Invest. Program Signals & Communications
Invest. Category Rail Systems

Mode Systemwide
Location Systemwide

Description

This project is for the design and installation of a wayside intrusion detection system within Metro's railcar train wash systems, service and inspection areas.



Outcome

Protects the safety of Metro employees by alerting them to nearby train movement as measured by the Metrorail system employee injury rate performance indicator [FY20 target of less than 3.4 per 200,000 hours worked].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro is installing motion warning systems at six train wash stations- West Falls Church, Greenbelt, Glenmont, Alexandria, Branch Avenue, and New Carrollton rail-yards. The warning system consists of both audible and visual warnings via alarms and strobes for employee safety.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.6	\$0.6 - \$0.6	13%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.1
Net Accruals	\$(0.0)
TOTAL	\$0.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
eVigilant Security	Construction

Note: all figures are preliminary and unaudited



(CIP0136) Radio Infrastructure Replacement

FY2021 Q3

Initiative Type Project
Invest. Program Signals & Communications
Invest. Category Rail Systems

Mode Rail
Location Systemwide

Description

This project replaces the existing Metro's radio system operating in the 450-490 MHz frequency band with a new system operating in the 700 MHz band, as required by the Federal Communications Commission (FCC). In addition, wireless signal communications will be installed throughout the tunnel system allowing customers to utilize wireless service while underground.



Outcome

Improves Metro's ability to communicate with first responders in the surrounding jurisdictions efficiently. Increases internal efficiency by enabling employees to communicate with the Operations Control Center and management seamlessly throughout the system. Also, provides wireless coverage throughout the underground portions of Metrorail, which improves the customer's riding experience and makes Metrorail a more attractive commuting option.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro completed cellular installation and wireless service is now available in all 100 miles of tunnel. Metro is continuing 700/800 Mhz radio fiber installation.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$65.8	\$46.3 - \$56.3	47%

Funding Sources	YTD Expended
Formula	\$6.3
PRIIA	\$13.4
Other	\$-
Federal Subtotal	\$19.7
System Performance	\$0.0
Reimbursable/Debt/Other	\$10.2
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$11.5
Net Accruals	\$0.3
TOTAL	\$31.2

Active Procurement & Awarded Contracts

Company	Vendor Activity
Motorola Solutions Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0139) Tunnel Fan Control Panels Replacement

FY2021 Q3

Initiative Type Project
Invest. Program Signals & Communications
Invest. Category Rail Systems

Mode Rail
Location Systemwide

Description

This project replaces the existing Tunnel Fan Control Panels, Tunnel Ventilation Control System Programmable Logic Controls (PLC), and Electric Infrastructure in tunnel vent shafts with modern equipment that meets current safety standards and requirements. The overall project will replace 69 pneumatic logic control (PLC) panel boxes located in the tunnel fan shafts to address the FTA corrective action plan. These control boxes allow Metro to operate and monitor control of the tunnel fan system.



Outcome

This project supports Metro's safety goals.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro is working on the pneumatic control boxes replacement for tunnel ventilation fans with Programmable Logic Control (PLC) Systems systemwide.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.6	\$2.2 - \$2.2	101%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$1.4
Other	\$-
Federal Subtotal	\$1.4
System Performance	\$0.2
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.2
Net Accruals	\$0.0
TOTAL	\$1.6

Active Procurement & Awarded Contracts

Company	Vendor Activity
Shred-IT USA LLC	Equipment/Materials
K&J Consulting Services Inc.	Consulting
MC Dean	Equipment/Materials
Active Solicitation	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0142) Rail Vehicle Preventive Maintenance

FY2021 Q3

Initiative Type Program
Invest. Program Railcar Maintenance/Overhaul
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This program supports a portion of the annual preventive maintenance activities of the railcar fleet. The balance of activity is charged to Metro's operating budget.



Outcome

Allows railcars to receive necessary preventive maintenance to maintain the fleet in a state of good repair as measured by the Rail Fleet Reliability performance indicator [FY20 greater than 130,000 miles between delay].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro continues to perform routine inspections and scheduled maintenance on railcars.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$59.0	\$38.3 - \$59.0	41%

Funding Sources	YTD Expended
Formula	\$24.3
PRIIA	\$-
Other	\$-
Federal Subtotal	\$24.3
System Performance	\$(0.0)
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.1
Net Accruals	\$0.1
TOTAL	\$24.4

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0143) Bus Vehicle Preventive Maintenance

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance/Overhaul
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program supports a portion of the annual preventive maintenance activities of the Metrobus fleet. The balance of activity is charged to Metro's operating budget.



Outcome

Allows the bus fleet to receive necessary preventive maintenance to maintain the fleet in a state of good repair as measured by the Bus Fleet Reliability performance indicator [FY20 target greater than 7,000 miles between failures].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro continues to perform routine inspections and scheduled maintenance on buses.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.0	\$1.0 - \$1.0	94%

Funding Sources	YTD Expended
Formula	\$1.0
PRIIA	\$-
Other	\$-
Federal Subtotal	\$1.0
System Performance	\$(0.0)
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$(0.0)
Net Accruals	\$-
TOTAL	\$0.9

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0145) Facility Security Monitoring Equipment Program

FY2021 Q3

Initiative Type Program
Invest. Program Railcar Maintenance Facilities
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This program will provide for the hardening and improvement of security at various rail yards, stations, and facilities by installing closed circuit television (CCTV) surveillance, public address systems, intercoms and additional security measures.



Outcome

Addresses the safety and security of customers and employees through monitoring of the interior and exterior of stations and facilities as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers] and the rate of crimes against passengers performance indicator [FY20 target of less than 5.3 crimes per million passengers or fewer]. Monitoring deters crime, enables clear communication of public safety notices in rail stations and ensures proper functioning of devices used to request assistance.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$9.7	\$10.6 - \$11.1	88%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.6
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$2.7
MD Dedicated Funding	\$2.5
VA Non-Restricted Dedicated Funding	\$1.8
VA Restricted Dedicated Funding	\$0.5
Local Subtotal	\$8.5
Net Accruals	\$0.3
TOTAL	\$8.5

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is evaluating current parking facility cameras and continuing multi-system Life Safety and Security upgrades at various stations. Metro is completing CCTV and security upgrades at Shady Grove, Greenbelt, and Glenmont yard facilities.

Active Procurement & Awarded Contracts

Company	Vendor Activity
C3M Power Systems, LLC	Construction
Orion Management, LLC	Construction
Aldridge Electric, Inc.	Construction
eVigilant Security	Construction

Note: all figures are preliminary and unaudited



(CIP0150) Support Facility Fire System Rehabilitation

FY2021 Q3

Initiative Type Project
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Systemwide
Location Systemwide

Description

This project upgrades fire alarm and electronic security systems at support facilities.



Outcome

Improves compliance with the latest National Fire Protection Association (NFPA) standards, which will improve the safety of Metro employees; help safeguard Metro assets; and maintain current fire alarm systems in a state of good repair.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro is upgrading fire alarms and security systems at support facilities.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.0	\$1.9 - \$1.9	52%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.6
MD Dedicated Funding	\$0.6
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.6
Net Accruals	\$(0.2)
TOTAL	\$1.6

Active Procurement & Awarded Contracts

Company	Vendor Activity
Singleton Electric Company, Inc.	Construction
Cintas Corporation	Consulting

Note: all figures are preliminary and unaudited



(CIP0151) Rail Station Cooling Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program funds the rehabilitation and replacement of station cooling system components including, but not limited to, chiller plants, cooling towers, water piping, ventilation systems, air handling units, and ductwork. During the warmer months of the calendar year, Metro operates equipment to cool and circulate the ambient air in parts of the station.



Outcome

Addresses customer and employee comfort during hot days.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$7.2	\$8.1 - \$8.1	87%

Funding Sources	YTD Expended
Formula	\$6.4
PRIIA	\$-
Other	\$-
Federal Subtotal	\$6.4
System Performance	\$0.0
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$0.4
MD Dedicated Funding	\$0.4
VA Non-Restricted Dedicated Funding	\$0.3
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$(0.1)
Net Accruals	\$(1.4)
TOTAL	\$6.3

Metro has replaced chillers at Woodley Park, Tenleytown, Union Station, Pentagon, and Benning Road and is preparing a procurement for designs to replace five additional chillers at Van Ness, Rosslyn, L'Enfant Plaza (2), and Stadium Armory. Station air conditioning units are continuing at Pentagon, DuPont Circle, and Crystal City.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Paramount Mechanical Corp.	Construction
The Matthews Group, Inc.	Construction
Edward Kocharian & Co Inc.	Construction
Gannet Flemming-Parsons Joint Venture	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0152) Parking Garage and Surface Lot Rehabilitation

FY2021 Q3

Initiative Type Program
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Systemwide
Location Systemwide

Description

This program will rehabilitate parking structures including garages and surface lots.



Outcome

Allows parking facilities to be maintained in a state of good repair to prevent property damage, improve customer satisfaction, improve customer safety as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$11.6	\$10.1 - \$12.1	63%

Funding Sources	YTD Expended
Formula	\$3.9
PRIIA	\$-
Other	\$-
Federal Subtotal	\$3.9
System Performance	\$0.0
Reimbursable/Debt/Other	\$1.1
DC Dedicated Funding	\$0.6
MD Dedicated Funding	\$0.5
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$3.4
Net Accruals	\$0.7
TOTAL	\$7.3

Metro has completed rehabilitation of parking garages at Vienna and White Flint. Moreover, rehabilitation work will begin at the Anacostia, Addison Road and other locations. Surface lots repair/rehabilitation will commence in Q4 of FY2021 at Landover and East Falls Church lots.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Engineering/Design
Concrete Protection & Restoration, Inc.	Construction
Metro Paving Corporation	Construction

Note: all figures are preliminary and unaudited



(CIP0170) Facility Roof Rehabilitation and Replacement

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program supports facility roof rehabilitation or replacement including the preparation of assessment reports, sampling, removal, and installation of new roofing systems. Metro has approximately 660 locations that are maintained through this program.



Outcome

Addresses the protection of critical infrastructure, systems, and contents of Metro's buildings and helps prevent potential safety issues.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$11.9	\$12.3 - \$13.8	74%

Funding Sources	YTD Expended
Formula	\$9.0
PRIIA	\$-
Other	\$-
Federal Subtotal	\$9.0
System Performance	\$-
Reimbursable/Debt/Other	\$0.1
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$(0.2)
Net Accruals	\$(1.0)
TOTAL	\$8.8

Metro has completed 11 out of the 18 roofs are scheduled to be rehabilitated in FY2021.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Patuxent Roofing and Contracting, Inc.	Construction
DJB Contracting	Engineering/Design
Habor Roofing	Construction
Gannett Fleming-Parsons JV	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0185) Escalator Replacement

FY2021 Q3

Initiative Type Program
Invest. Program Vertical Transportation
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program replaces escalators that have reached the end of their useful life.



Outcome

Maintains escalators in a state of good repair to prevent potential safety issues and preserve availability as measured by the Escalator Availability key performance indicator [FY20 target greater than 92%]. In addition, modernized units are as much as 30% more energy efficient than the old units.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$10.0	\$7.3 - \$7.8	51%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$4.0
Other	\$-
Federal Subtotal	\$4.0
System Performance	\$0.7
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$1.1
Net Accruals	\$0.2
TOTAL	\$5.1

Metro has awarded a contract for the replacement of 130 escalators over the next 6 years. Work will begin on the first escalators in Q4 of FY2021.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Kone	Construction

Note: all figures are preliminary and unaudited



(CIP0197) Support Facility Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program will provide for the rehabilitation of support facilities to maintain them in a state of good repair.



Outcome

Improves the productivity and satisfaction of Metro employees and improves Metro's ability to recruit and maintain workforce by providing safer and more modern facilities and worker amenities.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$0.2 - \$0.2	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.0
Net Accruals	\$0.0
TOTAL	\$0.0

Metro is renovating existing breakrooms at bus garages and railyards throughout the system. Additionally, Metro is replacing HVAC units at the Carmen Turner Facility.

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Construction

Note: all figures are preliminary and unaudited



(CIP0204) Railcar Rooftop Access Platform

FY2021 Q3

Initiative Type Project
Invest. Program Railcar Maintenance Facilities
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Shady Grove, Greenbelt, Branch Avenue, Alexandria, and Brentwood Rail Yards

Description

This project installs railcar rooftop access platforms at Alexandria, Brentwood, Shady Grove, Branch Avenue and Greenbelt railyards to allow safe and efficient maintenance of HVAC units on railcars.



Outcome

Provides safe access to the rooftop HVAC units on railcars for maintenance personnel.

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



Ridership



Op. Impact

Overall Status

Current Project Phase:

☒ X

Development & Evaluation

☒ X

Implementation & Construction

☐

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$4.1	\$1.4 - \$1.4	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$(0.3)
MD Dedicated Funding	\$(0.2)
VA Non-Restricted Dedicated Funding	\$(0.2)
VA Restricted Dedicated Funding	\$(0.1)
Local Subtotal	\$(0.5)
Net Accruals	\$0.3
TOTAL	\$(0.5)

In Q3, Metro awarded a contract and issued a Notice to Proceed for railcar rooftop platform construction. Work is currently ongoing at three locations (Alexandra, Shady Grove, Branch Avenue) with two additional locations for FY2022.

Active Procurement & Awarded Contracts

Company	Vendor Activity
City Construction	Construction
Gannett Fleming-Parsons Joint Venture	Consulting

Note: all figures are preliminary and unaudited



(CIP0212) Sustainability/Resiliency Program

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program develops and pilots projects to test and evaluate new technology and practices for suitability and performance within Metro operations. Once tested and evaluated by the sustainability team, these new technologies and processes can be rolled out fully across Metro as part of wider capital investments or operational improvements. Projects typically focus on methods to reduce waste, decrease consumption of energy and water, and assess resilience against environmental factors.



Outcome

Identifies investments to reduce Metro's energy consumption, improve environmental stewardship, increase Metro's resiliency, and contribute to improved quality of life in the region.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.2	\$0.7 - \$0.7	49%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.6
Net Accruals	\$(0.0)
TOTAL	\$0.6

Metro is continuing to make improvements to the waste management and recycling processes throughout the system as well conduct studies on the resilience of Metro's infrastructure against various climate factors.

Active Procurement & Awarded Contracts

Company	Vendor Activity
AECOM-STV JV	Consulting
Louis Berger (DC)	Consulting
PLLC/Urban Engineers	Consulting
Parsons Transportation Group Inc.	Consulting

Note: all figures are preliminary and unaudited



(CIP0213) Capital Program Development Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program supports resources necessary to perform capital program development, monitoring, reporting and strategic planning.



Outcome

Improves Metro's ability to plan, evaluate, prioritize, and report on its extensive capital improvement program.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Support Metro's development of capital planning, programming, and transit asset management functions.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$18.0	\$17.5 - \$17.5	73%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$13.2
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$13.2
Net Accruals	\$0.0
TOTAL	\$13.2

Active Procurement & Awarded Contracts

Company	Vendor Activity
WSP USA Inc.	Consulting
AECOM USA Inc.	Consulting

Note: all figures are preliminary and unaudited



(CIP0218) Metrorail Station Improvements

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Systemwide
Location Systemwide

Description

This project supports rehabilitation of station components throughout the system including shaft repairs, entry gates, flooring and other components and amenities.



Outcome

Improves safety and customer experience by modernizing and maintaining Metrorail station infrastructure and systems in a state of good repair as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers]. Prevents crime and increases the security of employees and customers by ensuring station entry gates are functional.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.3	\$1.3 - \$1.3	105%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.5
MD Dedicated Funding	\$0.4
VA Non-Restricted Dedicated Funding	\$0.3
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.3
Net Accruals	\$0.0
TOTAL	\$1.3

Metro is completing the installation of bi-fold gates with emergency exit doors at five stations - Farragut North, Farragut West, Judiciary Square, Smithsonian, and L'Enfant plaza. Metro will also begin upgrades of wayfinding information and Passenger Information Displays (PIDS) at stations throughout the rail system.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Jacobs Engineering Group, Inc.	Engineering/Design
Potomac Construction Co Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0219) Rail Station Lighting Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program improves the lighting and illumination levels within rail stations, including mezzanines, lower level platforms and track beds of Metrorail stations. In addition, exterior lighting as customers access the stations including station pathways and bus loops, are also replaced through this program.



Outcome

Provides sufficient lighting to improve customer and employee safety and security as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers], and the rate of crimes against passengers performance indicator [FY20 target of less than 5.3 crimes per million passengers or fewer]. In addition, newer lights are more efficient and reduce Metro's energy consumption.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

The platform lighting contract is coming to completion in FY2021. Work continues to progress with new LED Station Ceiling Downlighting completed at 10 out of the 12 stations scheduled. Re-lamping of station backrooms is also ongoing.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$23.0	\$18.3 - \$21.3	72%

Funding Sources	YTD Expended
Formula	\$14.9
PRIIA	\$-
Other	\$-
Federal Subtotal	\$14.9
System Performance	\$0.1
Reimbursable/Debt/Other	\$0.9
DC Dedicated Funding	\$0.7
MD Dedicated Funding	\$0.6
VA Non-Restricted Dedicated Funding	\$0.5
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.7
Net Accruals	\$(1.1)
TOTAL	\$16.6

Active Procurement & Awarded Contracts

Company	Vendor Activity
M.C. Dean, Inc.	Construction
Aldridge Electric, Inc.	Construction
Orion Management	Construction
C3M Power Systems	Construction

Note: all figures are preliminary and unaudited



(CIP0220) Bus Planning Studies Program

FY2021 Q3

Initiative Type Program
Invest. Program Bus Passenger Facilities/Systems
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program advances Metrobus planning studies necessary to sustain the network of services and facilities. Efforts focus on service plans, customer information, facilities management, bus stop accessibility, transit operations, traffic management and service delivery.



Outcome

Optimizes bus service levels and delivery by Metro and other bus services across the metro region.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.3	\$1.6 - \$1.6	36%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.5
Net Accruals	\$(0.1)
TOTAL	\$0.5

Metro is advancing studies related to (1) Purple Line/ Silver Line Connection Service Evaluation; (2) Service Evaluation Study for G2, D1, and D2 Routes; (3) Service Study/Review of Metro Extra Network Service; and (4) Update to the 5-Year Service Plan.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Jacobs Engineering Group, Inc.	Consulting
AECOM, USA	Consulting
Kimley-Horn and Associates, Inc.	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0221) Bus Customer Facility Improvements

FY2021 Q3

Initiative Type Program

Mode Bus

Invest. Program Bus Passenger Facilities/Systems

Location Systemwide

Invest. Category Bus, Bus Facilities and Paratransit

Description

This program upgrades Metrobus facilities and amenities to achieve and maintain a state of good repair and improve delivery of customer information.



Outcome

Provides more comfortable bus shelters and improves compliance with ADA guidelines. Improves customer communication and information through proper signage, maps and schedules for riders to clearly see bus stops and bus route timetables resulting in improved bus customer satisfaction.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$5.2	\$5.4 - \$6.4	61%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$1.1
MD Dedicated Funding	\$1.1
VA Non-Restricted Dedicated Funding	\$0.8
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$3.2
Net Accruals	\$(0.1)
TOTAL	\$3.2

Metro has installed 71 Customer Electronic Information Displays out of a planned 135. Metro is also replacing digital bus signs, updating maps, and making other bus stop infrastructure improvements. Bus shelter replacement will continue in FY2022.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Luminator Mass Transit, LLC	Construction
Transit Information Products	Equipment/Materials
CHKAMER	Equipment/Materials
Active Solicitation	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0225) Heavy Repair and Overhaul Facility

FY2021 Q3

Initiative Type Project
Invest. Program Railcar Maintenance Facilities
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Pennsy Dr. Landover

Description

This project constructs a new Heavy Repair and Overhaul (HRO) Facility in Landover, MD. This will consolidate Railcar Overhaul functions into a dedicated facility. Currently, Railcar rehabilitation and overhaul are split between Brentwood and Greenbelt Rail Yards.



Outcome

Improves the efficiency of railcar maintenance by consolidating overhaul operations into one facility. Also provides workers with a modern facility and shop equipment.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Pre-construction phase 1 (60 percent design packages for demolition, site preparation, and the HRO facility) is ongoing. This is anticipated to conclude in (Q2 of FY2022). In addition, tenant relocation continues to proceed to assist businesses with property move-out to new locations.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$17.6	\$22.5 - \$21.0	90%

Funding Sources	YTD Expended
Formula	\$5.4
PRIIA	\$-
Other	\$-
Federal Subtotal	\$5.4
System Performance	\$0.5
Reimbursable/Debt/Other	\$2.1
DC Dedicated Funding	\$2.3
MD Dedicated Funding	\$2.1
VA Non-Restricted Dedicated Funding	\$1.5
VA Restricted Dedicated Funding	\$0.5
Local Subtotal	\$10.5
Net Accruals	\$1.4
TOTAL	\$15.8

Active Procurement & Awarded Contracts

Company	Vendor Activity
Hensel Phelps Construction Co.	Construction
Jacobs Engineering Group	Consulting

Note: all figures are preliminary and unaudited



(CIP0231) Good Luck Road Facility

FY2021 Q3

Initiative Type Project
Invest. Program Railcar Maintenance Facilities
Invest. Category Railcar and Railcar Facilities

Mode Systemwide
Location Lanham, MD

Description

This project builds out the Good Luck Road facility, the Metro support facility for printing, maintenance functions, and storage.



Outcome

Increase workforce productivity and manage operating cost by consolidating multiple leased warehouse and other facilities into a single Metro owned facility.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro will make necessary upgrades to building infrastructure such as heating and cooling systems, security systems, and replace the facility roof.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$2.5	\$1.3 - \$1.3	36%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$0.9
Net Accruals	\$(0.0)
TOTAL	\$0.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Construction

Note: all figures are preliminary and unaudited



(CIP0241) Flood Resiliency Infrastructure Upgrades

FY2021 Q3

Initiative Type Project
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

Since the opening of the first Metro line over 40 years ago, changes in local development, aging of the system, updates in design guidelines and criteria, and the effects of extreme weather events have led to flooding vulnerabilities in the system. This project will assess and construct solutions to protect stations from flood waters entering into the rail system.



Outcome

Reduces disruption to revenue service and increases passenger safety by mitigating the risk of fire, smoke, and other incidents caused by water intrusion into Metrorail tunnels and stations as measured by the Rail Infrastructure Availability performance indicator [FY20 target less than 3.8% of track under performance restrictions] and the number of fire incidents performance indicator [FY20 target of less than 50 incidents annually]. Protects Metro infrastructure and equipment which reduces the frequency and cost of repairs and replacements.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.9	\$1.7 - \$1.7	154%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.5
MD Dedicated Funding	\$0.4
VA Non-Restricted Dedicated Funding	\$0.3
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.4
Net Accruals	\$0.1
TOTAL	\$1.4

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



Ridership



Op. Impact

Overall Status

Current Project Phase:

☒
☐
☐

Development & Evaluation

Implementation & Construction

Operations Activation

Metro is assessing the effectiveness of previously raised vent shafts and evaluating more comprehensive flood mitigation solutions at stations.

Active Procurement & Awarded Contracts

Company	Vendor Activity
F.H. Paschen, S.N. Nielsen & Assoc., LLC	Construction
AECOM USA Inc.	Consulting
Jacobs Engineering Group, Inc.	Engineering/Design
In Development	Construction

Note: all figures are preliminary and unaudited



(CIP0242) Rail System Drainage Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program replaces and improves drainage pumping stations that have exceeded their lifecycle throughout the Metrorail system and supports implementation of flood resiliency improvements.



Outcome

Reduces disruption to revenue service and mitigates some of the risk of fire, smoke, and other incidents caused by excess water collecting within Metrorail tunnels and stations as measured by the Rail Infrastructure Availability performance indicator [FY20 target less than 3.8% of track under performance restrictions]. Protects Metro infrastructure and equipment which reduces the frequency and cost of repairs and replacements and helps prevent potential safety issues.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is currently addressing nine active locations (construction underway or scheduled) and planning to be complete by Q4 of FY2021. Six additional locations are currently in design/development, with active solicitation planned for Q4 of FY2021.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$10.0	\$10.4 - \$10.4	79%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$5.8
Federal Subtotal	\$5.8
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.9
MD Dedicated Funding	\$0.8
VA Non-Restricted Dedicated Funding	\$0.6
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$2.1
Net Accruals	\$(0.5)
TOTAL	\$7.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Engineering/Design
DHA/RK&K Joint Venture	Consulting
Gannett Fleming-Parsons Joint Venture II	Consulting
M&M Welding	Construction

Note: all figures are preliminary and unaudited



(CIP0246) General Engineering

FY2021 Q3

Initiative Type Program
Invest. Program Fixed Rail
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program provides general engineering support services for the development of architectural and engineering concept designs to help define the capital projects and address needs that may not be captured as part of other larger capital initiatives. This program helps resolve high-priority issues identified by Metro's engineers.



Outcome

Develops engineering solutions for maintenance and improvement needs that could lead to a capital investment.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Activities planned include on-call survey support, computer-aided design (CAD), and LiDAR scanning.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$4.9	\$8.5 - \$9.5	122%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$1.9
MD Dedicated Funding	\$1.7
VA Non-Restricted Dedicated Funding	\$1.2
VA Restricted Dedicated Funding	\$0.4
Local Subtotal	\$6.0
Net Accruals	\$0.8
TOTAL	\$6.0

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture	Consulting
AECOM-STV JV	Consulting
DHA/RK&K Joint Venture	Consulting
Active Solicitation	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0247) Emergency Construction and Emerging Needs Program

FY2021 Q3

Initiative Type Program
Invest. Program Fixed Rail
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program supports emergent and emergency needs that arise across the system beyond the scope of other established capital investments.



Outcome

Resolves emergency and emergent issues that impact Metro service and reliability.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro will address emergent construction needs as they arise.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.8	\$1.5 - \$2.5	57%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.6
MD Dedicated Funding	\$0.6
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.0
Net Accruals	\$(0.7)
TOTAL	\$1.0

Active Procurement & Awarded Contracts

Company	Vendor Activity
Potomac Construction Co Inc.	Construction
Consolidated Construction & Engineering	Construction
Limbach Company LLC	Equipment/Materials
Active Solicitation	Construction

Note: all figures are preliminary and unaudited



(CIP0251) Automatic Train Control State of Good Repair

FY2021 Q3

Initiative Type Program
Invest. Program Signals & Communications
Invest. Category Rail Systems

Mode Rail
Location Systemwide

Description

This program replaces aging Automatic Train Control (ATC) systems, Train Control Room (TCR) infrastructure and wayside equipment. Obsolete and failing equipment must be replaced at intervals ranging from 20 to 40 years.



Outcome

Increases the safety of Metrorail operations and provides reliable signal operation to minimize disruptions to rail service as measured by the Rail Infrastructure Availability performance indicator [FY20 target less than 3.8% of track under performance restrictions] and the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers] and prevent potential safety issues.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$48.5	\$50.0 - \$60.0	79%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$27.3
Other	\$-
Federal Subtotal	\$27.3
System Performance	\$0.8
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$4.3
MD Dedicated Funding	\$4.0
VA Non-Restricted Dedicated Funding	\$2.8
VA Restricted Dedicated Funding	\$0.9
Local Subtotal	\$10.8
Net Accruals	\$(1.9)
TOTAL	\$38.2

Metro continued to fabricate Alexandria Yard train control bungalows installation, which is anticipated to be completed in Q4 of FY2021. Metro completed an ATC Training Lab in Q3 and continued to test power supplies at various locations and conduct training for the new switch machine power supply replacements.

Active Procurement & Awarded Contracts

Company	Vendor Activity
M.C. Dean, Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0252) Low Voltage Power State of Good Repair

FY2021 Q3

Initiative Type Program
Invest. Program Propulsion
Invest. Category Rail Systems

Mode Rail
Location Farragut West, Foggy Bottom, Arlington Cemetery, Crystal City, Deanwood, East Falls Church, Vienna, Gallery Place, Silver Spring

Description

This program replaces low voltage power systems, improves various power components, and maintains existing low voltage power systems in a state of good repair.



Outcome

Maintains the reliability of systems that support service by keeping the infrastructure that provides power to station lighting, HVAC, elevators and escalators, train control and communication systems, drainage pumping stations, and other Metro-rail station infrastructure in a state of good repair.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$26.9	\$23.5 - \$27.5	64%

Funding Sources	YTD Expended
Formula	\$13.2
PRIIA	\$-
Other	\$-
Federal Subtotal	\$13.2
System Performance	\$-
Reimbursable/Debt/Other	\$0.1
DC Dedicated Funding	\$1.0
MD Dedicated Funding	\$1.0
VA Non-Restricted Dedicated Funding	\$0.7
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$4.1
Net Accruals	\$1.0
TOTAL	\$17.3

Metro continues to complete installation of new AC switchgear upgrades, transformers, cabling, and electrical panels. Uninterruptible Power Supplies (UPS) are planned to be replaced systemwide at a rate of 20 units annually. Programmable Logic Control (PLC) panels will continue a three-year replacement effort at various AC rooms systemwide where current technology has reached the end of its useful life.

Active Procurement & Awarded Contracts

Company	Vendor Activity
eVigilant Security	Construction
Aldridge Electric, Inc.	Construction
Singleton Electric Company, Inc.	Construction
Helix Electric, Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0253) Traction Power State of Good Repair

FY2021 Q3

Initiative Type Program
Invest. Program Propulsion
Invest. Category Rail Systems

Mode Rail
Location Rosslyn, West Falls Church, Cleveland Park

Description

This program replaces traction power systems, improves various traction power components, and maintains existing traction power systems in a state of good repair in order to deliver safe and reliable Metrorail operations.



Outcome

Addresses the ability to provide Metrorail service through replacement or rehabilitation of critical infrastructure that delivers propulsion power to Metrorail. Improvements decrease speed restrictions imposed on trains, and reduce the risk of safety incidents including track fire incidents and stray current problems as measured by the Rail Infrastructure Availability performance indicator [FY20 target less than 3.8% of track under performance restrictions] and the number of fire incidents performance indicator [FY20 target of less than 50 incidents annually].

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$37.5	\$37.5 - \$40.5	85%

Funding Sources	YTD Expended
Formula	\$23.1
PRIIA	\$-
Other	\$-
Federal Subtotal	\$23.1
System Performance	\$0.0
Reimbursable/Debt/Other	\$0.1
DC Dedicated Funding	\$1.3
MD Dedicated Funding	\$1.3
VA Non-Restricted Dedicated Funding	\$0.9
VA Restricted Dedicated Funding	\$0.3
Local Subtotal	\$8.9
Net Accruals	\$5.1
TOTAL	\$32.0

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro continues to replace the cable tray at Rosslyn which has degraded (estimated completion is Q4 of FY2022). Traction Power Substation equipment has been delivered for the planned replacement at West Falls Church and Cleveland Park. Priority transformer replacement has been completed at seven locations. Metro continues to megger and replace cable.

Active Procurement & Awarded Contracts

Company	Vendor Activity
C3M Power Systems, LLC	Construction
Mott MacDonald I&E, LLC	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0254) Bus Priority Program Development

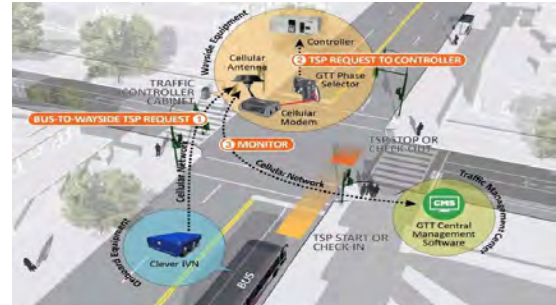
FY2021 Q3

Initiative Type Program
Invest. Program Bus Passenger Facilities/Systems
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

In response to the September 2018 Bus Transformation Project, the Bus Priority Program aims to improve bus service and equity. This program plans and implements new initiatives and technology to advance bus priority strategies.



Outcome

Increases the reliability of Metrobus service by developing strategies and working with jurisdictions to reduce travel time of buses through technology that prioritizes bus travel.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$2.0	\$1.0 - \$1.0	25%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.5
Net Accruals	\$(0.0)
TOTAL	\$0.5

Metro is partnering with regional transportation entities to develop projects such as increasing bus lanes, queue jumps, and the Transit Signal Priority project.

Active Procurement & Awarded Contracts

Company	Vendor Activity
WSP USA Inc.	Consulting
Parsons Transportation Group Inc	Engineering/Design
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0255) Fare Collection Modernization

FY2021 Q3

Initiative Type Project
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Systemwide
Location Systemwide

Description

This project replaces Metro's aging fare collection systems in rail stations and aboard Metrobuses and develops new methods for customers to pay for and manage their payment accounts.



Outcome

Provides modern infrastructure and payment options for Metro customers that will improve convenience, reliability and decrease repair costs.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

X	Development & Evaluation
X	Implementation & Construction
X	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$54.0	\$57.6 - \$67.6	77%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$3.4
Reimbursable/Debt/Other	\$(0.0)
DC Dedicated Funding	\$12.9
MD Dedicated Funding	\$12.0
VA Non-Restricted Dedicated Funding	\$8.5
VA Restricted Dedicated Funding	\$2.6
Local Subtotal	\$41.4
Net Accruals	\$2.1
TOTAL	\$41.4

Metro anticipates launching the SmarTrip mobile application on Android in Q4 of FY2021 (Apple iOS launched in Q1). New fare gates are being advanced, with pilot testing at 10 stations to begin in Q4, and final installations expected by the end of FY2022. A contract to replace emergency swing gates at 32 locations is expected to be awarded in Q4. Design of new bus fareboxes has begun and replacements are scheduled to begin in FY2022.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Cubic Transportation System Inc	Engineering/Design
Traffic America, LLC	Consulting
BoxBoat Technologies	Equipment/Materials
Evaluating Bids	Construction

Note: all figures are preliminary and unaudited



(CIP0256) 7000-Series Railcars

FY2021 Q3

Initiative Type Project
Invest. Program Railcar Acquisition
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This project procures 620 of the 7000 series railcars to replace the 1000, 4000, 5000 series fleets, plus 28 additional railcars. 128 additional 7000 series railcars were acquired through Silver Line Phase 1 and 2 extension projects and were funded by the Metropolitan Washington Airports Authority.



Outcome

Replaces the unreliable 1000, 4000, and 5000 series vehicles, which will improve customer safety and reduce failures that interrupt revenue service as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers] and the Rail Fleet Reliability performance indicator [FY20 greater than 130,000 miles between delay]. Metro was directed by NTSB to remove the 1000 Series fleet from service due to safety deficiencies.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$39.8	\$32.4 - \$34.4	71%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$4.0
Other	\$-
Federal Subtotal	\$4.0
System Performance	\$21.6
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$1.3
MD Dedicated Funding	\$1.2
VA Non-Restricted Dedicated Funding	\$0.9
VA Restricted Dedicated Funding	\$0.3
Local Subtotal	\$24.2
Net Accruals	\$(1.1)
TOTAL	\$28.3

Metro continues to make milestone payments for railcar warranties and work with the manufacturer and sub-contractors on various outstanding 7000 Series modifications for Automatic Train Control software upgrades, railcar door wiring, cybersecurity enhancements, reduction of power consumption, and troubleshooting training for railcar maintenance. Production of 7000 series training simulators and training course development is ongoing.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Kawasaki Rail Car Inc.	Railcars
LTK Engineering	Consulting

Note: all figures are preliminary and unaudited



(CIP0257) Emergency Trip Station (ETS) Rehabilitation

FY2021 Q3

Initiative Type Project
Invest. Program Signals & Communications
Invest. Category Rail Systems

Mode Rail
Location Systemwide

Description

The existing Emergency Trip Station (ETS) system has an aging, deteriorating infrastructure and utilizes obsolete electrical components and communications technology. This project upgrades the Rail Right-Of-Way (ROW) ETS system including the telephones.



Outcome

Improves the safety of Metro customers and employees through state of good repair replacement with newer and more reliable equipment as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers] and the Metrorail system employee injury rate performance indicator [FY20 target of less than 3.4 per 200,000 hours worked].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

No planned deliverables in FY2021. Project will commence between FY2022 and FY2026.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.2	\$0.1 - \$0.1	91%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.1
Net Accruals	\$(0.0)
TOTAL	\$0.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
Five Points Infrastructure Services, LLC	Equipment/Materials
In Development	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0258) Station And Tunnel Fire Alarm Rehabilitation

FY2021 Q3

Initiative Type Program
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program will upgrade fire alarm systems in the tunnels and stations.



Outcome

Improves Metro's compliance with National Fire Protection Association standards and addresses recommendations made by the National Transportation Safety Board. Improves customer and employee safety by accurately measuring and responding to fire incidents as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers] and the Metrorail system employee injury rate performance indicator [FY20 target of less than 3.4 per 200,000 hours worked].

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



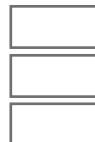
Ridership



Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

Metro is continuing installation of the Tunnel Smoke detection system pilot.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.5	\$3.7 - \$3.7	69%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$0.3
Other	\$-
Federal Subtotal	\$0.3
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.6
MD Dedicated Funding	\$0.6
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$2.2
Net Accruals	\$0.4
TOTAL	\$2.4

Active Procurement & Awarded Contracts

Company	Vendor Activity
Mott MacDonald I&E, LLC	Engineering/Design
eVigilant Security	Construction

Note: all figures are preliminary and unaudited



(CIP0259) Employee Timekeeping System

FY2021 Q3

Initiative Type Project

Invest. Program IT

Invest. Category Business and Operations Support

Mode Systemwide

Location Systemwide

Description

This project implements a new automated time and attendance system for Metro employees.



Outcome

Consolidates Metro's timekeeping into a single platform that provides improved controls and compliance with regulations while reducing operating and maintenance costs through a modern and streamlined application.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro is transitioning into the training and deployment phase of the timekeeping solution which enables monitoring employee time and attendance, labor tracking, and data collection.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$8.2	\$9.1 - \$9.1	86%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$2.5
MD Dedicated Funding	\$2.3
VA Non-Restricted Dedicated Funding	\$1.6
VA Restricted Dedicated Funding	\$0.5
Local Subtotal	\$7.1
Net Accruals	\$0.1
TOTAL	\$7.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
immixTechnology, Inc.	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0261) Rail Tunnel Lighting Replacement

FY2021 Q3

Initiative Type Program
Invest. Program Fixed Rail
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program replaces tunnel lights and fixtures with LED lamps. This program addresses a recommendation from the 2017 agency wide energy audit and a safety corrective action plan to finish replacing light fixtures in all tunnels.



Outcome

Intensifies tunnel illumination, increasing the safety of the work environment for Metro's workforce and first responders accessing tunnels as measured by the Metrorail system employee injury rate performance indicator [FY20 target of less than 3.4 per 200,000 hours worked]. Additionally reduces energy consumption and improves the efficiency of maintenance for tunnel lights.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is completing lighting upgrades on tunnel segments throughout the rail system.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$4.0	\$2.9 - \$3.5	52%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$2.1
Net Accruals	\$0.5
TOTAL	\$2.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
C3M Power Systems, LLC	Construction
Ideal Electrical Supply Corp.	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0262) Tunnel Water Leak Mitigation

FY2021 Q3

Initiative Type Program
Invest. Program Structures
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program mitigates water infiltration into the Metrorail tunnel system.



Outcome

Reduces disruption to revenue service and increases passenger and employee safety by mitigating the risk of water intrusion which can cause fire and smoke events as measured by the number of fire incidents performance indicator [FY20 target of less than 50 incidents annually] and the Metrorail customer on-time performance indicator [FY20 target greater than 88% on-time]. Protects Metro infrastructure and equipment which reduces the frequency and cost of repairs and replacements.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$2.4	\$2.2 - \$4.2	74%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.7
MD Dedicated Funding	\$0.6
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.8
Net Accruals	\$(0.1)
TOTAL	\$1.8

Metro is preparing to release an RFP for water mitigation work along two segments of the Red Line in Q4 of FY2021. Construction is anticipated for FY2022 and the effectiveness will be evaluated for potential further use in other tunnel segments.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Consulting
HNTB Corporation	Consulting
WSP USA Inc.	Consulting
Gannett Fleming-Parsons Joint Venture II	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0266) Historic Bus Loop and Facility Rehabilitation

FY2021 Q3

Initiative Type Project
Invest. Program Bus Passenger Facilities/Systems
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Chevy Chase, Calvert St. and Colorado Ave.

Description

This project rehabilitates three historic bus terminals: Calvert Street, Chevy Chase, and Colorado Avenue. All three facilities are obsolete and in failing condition and this will ensure the terminals are returned to a state of good repair.



Outcome

Improves employee and customer satisfaction by providing modern restroom facilities, wider bus stops, improved canopies for the public, and overall safer facilities that comply with ADA guidelines.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Construction is ongoing at the Chevy Chase historic bus passenger facility, which is estimated to be completed in Q1 of FY2022. Calvert and Colorado will then be addressed sequentially (Colorado anticipated in Q4 of FY2021).

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.4	\$2.1 - \$2.1	98%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.7
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$1.3
Net Accruals	\$0.7
TOTAL	\$1.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
Potomac Construction Co Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0269) Asset Management Software

FY2021 Q3

Initiative Type Program
Invest. Program IT
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program develops asset lifecycle management plans by asset group as required by the Federal Transit Administration (FTA). The project also establishes a consistent methodology for assessing asset conditions and standardizes how new assets are inducted into Metro's systems.



Outcome

Improves Metro's ability to track and maintain over \$42 billion in physical assets to enable proper maintenance in support of safe and reliable service.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is continuing to refine the systemwide asset hierarchy and ranking system, as well as data management support. Purchase of barcode scanners to continue as needed.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.1	\$1.9 - \$1.9	-93%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.6
MD Dedicated Funding	\$0.6
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$(1.0)
Net Accruals	\$(2.8)
TOTAL	\$(1.0)

Active Procurement & Awarded Contracts

Company	Vendor Activity
Jacobs Engineering Group, Inc.	Consulting
Gannett Fleming Engineers and Architects	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0270) Capital Delivery Program Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program provides project administration, planning, scheduling, and management support for the portfolio of major construction projects.



Outcome

Improves Metro's ability to plan and deliver its extensive capital improvement program. This improves Metro's financial responsibility and supports state of good repair efforts.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is providing project planning, scheduling, and management services to the current portfolio of major capital construction projects.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$32.8	\$25.9 - \$29.9	55%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$15.8
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$18.0
Net Accruals	\$2.1
TOTAL	\$18.0

Active Procurement & Awarded Contracts

Company	Vendor Activity
HNTB Corporation	Consulting
Gannett Fleming Engineers and Architects	Consulting

Note: all figures are preliminary and unaudited



(CIP0271) Metrorail Station Emergency Gates Replacement

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This project replaces Metrorail station emergency gates. Emergency gates will be replaced with new gates equipped with access control card readers, magnetic locks and panic hardware.



Outcome

This project helps secure the rail system and reduce fare evasion.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro is completing the replacement of swing-gates at station elevators and beginning architectural evaluation for swing gates at stations where space constrains present potential ADA issues.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.6	\$0.5 - \$0.5	52%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.3
Net Accruals	\$(0.1)
TOTAL	\$0.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
Potomac Construction Co. Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0272) Digital Display and Wayfinding Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program invests in new equipment and space improvements designed to increase non-fare revenue in stations. Investments include upgrading digital displays, improving signage and wayfinding, as well as other customer amenities.



Outcome

Improves Metro's ability to generate advertising revenue and increase customer satisfaction through modern wayfinding and digital signage at Metrorail stations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

No planned deliverables in FY2021. Project will resume between FY2023 and FY2026.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.9	\$1.3 - \$1.3	119%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.9
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.5
MD Dedicated Funding	\$0.4
VA Non-Restricted Dedicated Funding	\$0.3
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.1
Net Accruals	\$(2.2)
TOTAL	\$1.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
ANC Sports Enterprises LLC	Consulting

Note: all figures are preliminary and unaudited



(CIP0273) Support Facility Rehabilitation

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program rehabilitates administrative facilities for employees, including breakrooms, bathrooms, and work areas.



Outcome

Rehabilitates and modernizes administrative facilities for employees, enabling departments to be better organized, contributing to Metro's fiscal responsibility through improved productivity. Upgraded employee facilities will improve safety and satisfaction, and contribute to Metro's goal to be an employer-of-choice.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$8.6	\$8.3 - \$8.3	77%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$2.4
MD Dedicated Funding	\$2.3
VA Non-Restricted Dedicated Funding	\$1.6
VA Restricted Dedicated Funding	\$0.5
Local Subtotal	\$6.6
Net Accruals	\$(0.1)
TOTAL	\$6.6

Metro is developing plans to upgrade operation, maintenance, and administrative facilities, including Brentwood Railyard office reconfiguration, administration facility breakrooms, office furniture systems at railyards and bus garages, and continued replacement of LED lighting in various Metro facilities.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Construction
The Matthews Group, Inc.	Construction
T/A TMG Construction	Construction

Note: all figures are preliminary and unaudited



(CIP0274) Grosvenor-Strathmore Parking Garage Joint Development

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Grosvenor - Strathmore Station

Description

This project replaces surface parking at Grosvenor-Strathmore Parking Garage with approximately 400 additional garage spaces.



Outcome

This project will increase access to the Metrorail system and promote additional development.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro has completed the construction of the parking garage expansion at Grosvenor-Strathmore station and is currently addressing punchlist items and redesigning the bike and ride storage area.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$7.9	\$8.8 - \$9.8	97%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.8
Reimbursable/Debt/Other	\$1.6
DC Dedicated Funding	\$1.5
MD Dedicated Funding	\$1.4
VA Non-Restricted Dedicated Funding	\$1.0
VA Restricted Dedicated Funding	\$0.3
Local Subtotal	\$7.7
Net Accruals	\$0.0
TOTAL	\$7.7

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture	Consulting

Note: all figures are preliminary and unaudited



(CIP0275) New Carrollton Garage and Bus Bays

FY2021 Q3

Initiative Type Project
Invest. Program Bus Passenger Facilities/Systems
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location New Carrollton Rail Station

Description

This project supports the joint development at New Carrollton station. Metro, Prince George's County, and a developer have entered into an agreement for mixed-use development in New Carrollton station area. The development also includes the new Metro office building. As a part of this development Metro will demolish the obsolete parking garage and construct a replacement garage and bus loop.



Outcome

Increase station access, ridership and the customer experience.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro is progressing through the design phase for the New Carrollton parking garage. Pre-construction activities are scheduled to begin in Q1 of FY2022.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.0	\$2.5 - \$3.0	52%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$0.4
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.6
Net Accruals	\$0.6
TOTAL	\$1.6

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Consulting
New Carrollton Parking LLC	Construction

Note: all figures are preliminary and unaudited



(CIP0276) Art in Transit and Station Commercialization Program

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program restores Metro's art collection and helps Metro develop plans to commercialize underutilized space in Metrorail stations.



Outcome

Expands customer amenities in the form of retail and advertising, and develops consistent design standards to improve the customer experience and provide diverse revenue streams for Metro. Restores Metro's art collection.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is developing design guidelines for commercialization of Metrorail stations and support the Art In Transit program.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.2	\$0.2 - \$0.2	91%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.2
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.2
Net Accruals	\$0.0
TOTAL	\$0.2

Active Procurement & Awarded Contracts

Company	Vendor Activity
AECOM	Consulting

Note: all figures are preliminary and unaudited



(CIP0277) Supply Chain Modernization

FY2021 Q3

Initiative Type Project
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Rail
Location Systemwide

Description

This project modernizes Metro's warehouses including supply chain for logistics, warehousing, planning, and ordering of inventory.



Outcome

Improves Metro's ability to manage inventory and supplies the right parts at the right time to maintenance operations increasing efficiency and lowering inventory levels and costs.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.0	\$- - \$-	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Metro is conducting a business process evaluation of modern technologies to improve supply chain management of parts and supplies used by various maintenance employees. Metro is developing a procurement for a new warehouse management system (WMS) for FY2022

Active Procurement & Awarded Contracts

Company	Vendor Activity
Active Solicitation	Consulting
In Development	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0279) Railyard Shop Equipment Replacement

FY2021 Q3

Initiative Type Program
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Huntington Station

Description

This program replaces or rehabilitates Metro rail shop maintenance equipment, such as overhead cranes, rail train lifts, hoists, industrial shop air compressors, that are inoperable, deficient or have reached the end of useful life.



Outcome

Allows railcar maintenance activities to be completed safely and efficiently using equipment that is maintained in a state of good repair as measured by the Metrorail system employee injury rate performance indicator [FY20 target of less than 3.4 per 200,000 hours worked] and the Rail Fleet Reliability performance indicator [FY20 greater than 130,000 miles between delay].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.2	\$0.3 - \$0.3	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Scheduled rehabilitation/replacement of maintenance equipment including shop lifts, cranes, drop tables, hoists and wheel truing machines. Metro is actively soliciting bids for 12 new Emergency Tunnel Evacuation Carts (ETEC).

Active Procurement & Awarded Contracts

Company	Vendor Activity
Active Solicitation	Equipment/Materials

Note: all figures are preliminary and unaudited



(CIP0283) Major Railcar Maintenance Equipment State of Good Repair

FY2021 Q3

Initiative Type Program
Invest. Program Railcar Maintenance Facilities
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This program rehabilitates and replaces major railcar maintenance equipment including those requiring facility modifications such as railcar washes.



Outcome

Provides employees with appropriate equipment to maintain railcars in a state of good repair as measured by Rail Fleet Reliability performance indicator [FY20 greater than 130,000 miles between delay].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.3	\$2.7 - \$2.7	64%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$1.0
MD Dedicated Funding	\$0.9
VA Non-Restricted Dedicated Funding	\$0.6
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$2.1
Net Accruals	\$(0.6)
TOTAL	\$2.1

Metro has completed Phase 1 design for the rehabilitation of railcar washes at Greenbelt, New Carrollton, West Falls Church, Alexandria, and Shady Grove Rail Yards, with an NTP for Phase 2 design anticipated in Q4. Construction work will take place in FY2023.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture	Consulting

Note: all figures are preliminary and unaudited



(CIP0284) Railyard Facility and Site Rehabilitation

FY2021 Q3

Initiative Type Program
Invest. Program Railcar Maintenance Facilities
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This program rehabilitates railyard facilities, systems, and site assets to achieve and maintain a state of good repair.



Outcome

Maintains railyard facilities in a state of good repair to support efficient operations and the wide range of functions on site.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.8	\$4.9 - \$4.9	197%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.1
DC Dedicated Funding	\$0.9
MD Dedicated Funding	\$0.9
VA Non-Restricted Dedicated Funding	\$0.6
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$3.5
Net Accruals	\$0.8
TOTAL	\$3.5

Metro completed the fabrication and installation of non-metallic handrails at the Alexandria Rail Yard Service and Inspection (S/I) Shop in Q3 and advanced the replacement of the drop table at Shady Grove Service and Inspection Shop.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture	Consulting
Potomac Construction Co.	Construction
RailQuick	Construction

Note: all figures are preliminary and unaudited



(CIP0286) Power Generator Replacement

FY2021 Q3

Initiative Type Program
Invest. Program Propulsion
Invest. Category Rail Systems

Mode Rail
Location Systemwide

Description

This program provides for the replacement of power generators throughout system.



Outcome

Provides additional resiliency to the Metrorail system by providing a back up power source to critical infrastructure including fire and life safety and communications systems and equipment.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is conducting surveys for the prioritization of permanent generator replacement.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.6	\$0.1 - \$0.1	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Construction

Note: all figures are preliminary and unaudited



(CIP0291) Tunnel Ventilation Improvements

FY2021 Q3

Initiative Type Project
Invest. Program Structures
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Cleveland Park; Woodley Park; Van Ness

Description

This project upgrades and installs additional underground fans including components such as, electrical infrastructure, lighting, communications equipment, ladders, steps, smoke detectors, alarms, and information technology infrastructure. Under CIP0356, a pilot and evaluation to rehabilitate ventilation shaft components will be implemented on the Red Line to serve as a proof of concept for future designs across the Metrorail System.



Outcome

Improves the tunnel ventilation system performance and capacity by installing additional fans to move smoke more efficiently, increasing passenger and employee safety as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers] and the Metrorail system employee injury rate performance indicator [FY20 target of less than 3.4 per 200,000 hours worked].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$4.9	\$5.4 - \$6.5	76%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.0
Reimbursable/Debt/Other	\$0.2
DC Dedicated Funding	\$1.3
MD Dedicated Funding	\$1.3
VA Non-Restricted Dedicated Funding	\$0.9
VA Restricted Dedicated Funding	\$0.3
Local Subtotal	\$3.7
Net Accruals	\$(1.2)
TOTAL	\$3.7

Metro is evaluating bids for the Red Line pilot installation of tunnel ventilation systems at Cleveland Park, Woodley Park, and Van Ness stations and will award the contract by the end of FY2021.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Engineering/Design
Mott MacDonald I&E, LLC	Engineering/Design
DHA/RK&K Joint Venture	Consulting
Gannett Fleming-Parsons Joint Venture II	Consulting

Note: all figures are preliminary and unaudited



(CIP0294) Bridge Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Structures
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program rehabilitates structural and system components of rail tunnels, aerial structures, and station platforms across the Metro system. Metro is rehabilitating additional structural and system components under Structural Rehabilitation - Package 1 (CIP0348).



Outcome

Returns bridges and other Metro infrastructure to a state of good repair, avoiding future emergency shutdowns to address major defects identified in inspections.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.3	\$4.1 - \$4.4	105%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$2.0
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$3.4
Net Accruals	\$0.6
TOTAL	\$3.4

Metro is rehabilitating the Rockville and Glenmont Pedestrian Bridges and completing repairs on the Eisenhower Aerial Structure.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Consulting
Potomac Construction Co.	Construction
F.H. Paschen	Construction

Note: all figures are preliminary and unaudited



(CIP0297) Union Station Improvements

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Union Station

Description

This project will relieve congestion at Union Station by implementing a redesign of the First Street northeast entrance including expanding the north mezzanine by adding stairs, adding additional fare gates, and relocating the fare vending machines.



Outcome

Improves customer crowding and convenience by providing a better flow for riders as they enter and exit the station, as well as improved lighting and an additional staircase.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

In FY2022, Metro plans to advance construction on the First St NE Entrance at Union Station.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.3	\$- - \$-	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Construction

Note: all figures are preliminary and unaudited



(CIP0302) Huntington Station Parking Garage Replacement

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Huntington Station

Description

This project is part of a joint development between Metro and Fairfax County to replace the south parking garage at the Huntington Station in Fairfax County. The development enables Metro to offer up to 12 acres for private development.



Outcome

Enables development of a new bus loop to accommodate Fairfax County's planned Bus Rapid Transit terminus at Huntington station while replacing a closed parking facility.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro is working with Fairfax County on creating a Master Plan for development at the south end of the Huntington Station.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.5	\$0.5 - \$0.5	59%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.3
Net Accruals	\$(0.0)
TOTAL	\$0.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
Stout & Teague Management Corp	Consulting

Note: all figures are preliminary and unaudited



(CIP0305) Rail Passenger Facility State of Good Repair Program

FY2021 Q3

Initiative Type Program
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program repairs or replaces antiquated systems or infrastructure in passenger facilities including ceilings, sewage ejector pumps, and other systems.



Outcome

Increases the efficiency and reliability of passenger facilities. Also improves customers' experience and helps prevent potential safety issues.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro replaced the sewage ejector at Rosslyn. Additional sewage ejectors will be replaced pending need.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$0.0 - \$0.0	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.0
Net Accruals	\$-
TOTAL	\$0.0

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0307) Station Platform Rehabilitation - Phase 2

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location East Falls Church, West Falls Church, Dunn Loring, Vienna

Description

This project rehabilitates and repairs platforms and systems at the following Orange and Blue/Yellow Lines stations in Virginia to address potentially unsafe and deteriorating conditions: East Falls Church, West Falls Church, Dunn Loring, Vienna, and Reagan National Airport. Customer experience improvements include slip-resistant tile, improved lighting, upgraded passenger shelters, new passenger information displays, improved public address system, new closed-circuit television system, and renovated bathrooms.



Outcome

Upgrades and improves above-ground stations for customer comfort and to increase the lifespan of these assets, reducing future maintenance requirements and improving the quality of rail service provided for customers accessing these stations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

In Q3, remaining punch list items and CCTV equipment installation were completed. The majority of work was completed during a 3-month station shutdown from May through September. Platform rehabilitation for Reagan National Airport station was completed in December 2020 as part of this project.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$172.4	\$148.6 - \$152.1	86%

Funding Sources	YTD Expended
Formula	\$1.4
PRIIA	\$60.8
Other	\$-
Federal Subtotal	\$62.2
System Performance	\$-
Reimbursable/Debt/Other	\$131.4
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$86.1
Net Accruals	\$(45.3)
TOTAL	\$148.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
Kiewit Infrastructure Company	Construction

Note: all figures are preliminary and unaudited



(CIP0308) Station Platform Rehabilitation - Phase 3

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Cheverly, Landover, New Carrollton, Addison Rd., National Airport, Arlington Cemetery

Description

This project will rehabilitate and repair platforms and station systems at the following stations along the Green and Blue Lines in Maryland and Virginia to address potentially unsafe and deteriorating conditions: Arlington Cemetery, Addison Road, West Hyattsville, Prince George's Plaza, College Park, and Greenbelt. Customer experience improvements include slip-resistant tile, improved lighting, upgraded passenger shelters, new passenger information displays, and improved public address system.



Outcome

Upgrades and improves above-ground stations for customer safety and comfort, as measured by the Metrorail customer injury rate performance indicator [FY20 target of less than 1.40 injuries per million passengers]. New platforms and other new/rehabilitated station assets will increase the lifespan of these assets, reducing future maintenance requirements and improving the quality of rail service provided for customers accessing these stations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Construction activities are currently ongoing at Arlington Cemetery and Addison Road which are closed for revenue service (anticipated completion in Q4). Design and mobilization are ongoing at the four Green Line stations with shutdowns and major construction scheduled from Memorial day (Q4 of FY2021) to Labor day (Q1 of FY2022).

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$279.8	\$252.8 - \$269.4	49%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$89.9
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$135.7
Net Accruals	\$45.8
TOTAL	\$135.7

Active Procurement & Awarded Contracts

Company	Vendor Activity
Kiewit Infrastructure Company	Construction

Note: all figures are preliminary and unaudited



(CIP0309) Huntington Station Additional Entrance

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Huntington Station

Description

This project constructs an additional pedestrian entrance to the Huntington Metrorail station to improve station circulation. It will also provide ADA access to the station during the demolition and reconstruction of the South Parking Garage.



Outcome

Improves station access for customers by providing a second ADA compliant entrance to the station.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

- ☐ Development & Evaluation
- ☐ Implementation & Construction
- ☐ Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$- - \$-	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.5
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.2
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$-
Net Accruals	\$(1.9)
TOTAL	\$-

This project began by installing footers for the new entrance structure during the Platform Phase 1 shutdown in FY2020. Construction of the new entrance is projected for future fiscal years, starting in FY2025.

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0310) Station Platform Rehabilitation - Phase 4

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Minnesota Avenue, Deanwood, Cheverly, Landover, New Carrollton

Description

This project will rehabilitate and repair platforms and systems at the following Orange Line stations in Maryland to address potentially unsafe and deteriorating conditions: Minnesota Avenue, Deanwood, Cheverly, Landover, and New Carrollton. Customer experience improvements include slip-resistant tile, improved lighting, upgraded passenger shelters, new passenger information displays, improved public address system, new closed-circuit television system, and renovated bathrooms.



Outcome

Upgrades and improves above-ground stations for customer safety and comfort. New platforms and other new/rehabilitated station assets will increase the lifespan of these assets, reducing future maintenance requirements and improving the quality of rail service provided for customers accessing these stations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

RFP released in Q3 with an award expected by the end of FY2021.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$28.8	\$0.6 - \$0.6	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.1
Net Accruals	\$0.1
TOTAL	\$0.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
Active Solicitation	Construction

Note: all figures are preliminary and unaudited



(CIP0311) Bladensburg Bus Garage Replacement

FY2021 Q3

Initiative Type Project
Invest. Program Bus Maintenance Facilities
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Bladensburg Bus Division site

Description

This project will demolish and replace the existing obsolete bus maintenance and operations facility at Bladensburg to improve use and capacity of limited facility space. The new facility, to be designed to achieve LEED certification, will have an on-site employee parking lot, multiple access points, parking for up to 300 buses, 25 maintenance bays, and a compressed natural gas (CNG) fueling station. The construction will support future electric bus charging infrastructure.



Outcome

Provides a new LEED certified bus facility that will improve bus safety, efficiency, maintenance and operations, while maximizing bus fleet availability as measured by as measured by the bus system employee injury rate performance indicator [FY20 target of less than 9.4 per 200,000 hours worked] and the Bus Fleet Reliability performance indicator [FY20 target greater than 7,000 miles between failures].

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



Ridership



Op. Impact

Overall Status

Current Project Phase:

☒ X

Development & Evaluation

☒ X

Implementation & Construction

☐

Operations Activation

Pre-construction activities are ongoing in preparation of demolition to make way for the construction of the new bus garage facility. The off-site parking lot anticipated to be in service in Q4.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$18.4	\$15.9 - \$18.9	68%

Funding Sources	YTD Expended
Formula	\$6.8
PRIIA	\$-
Other	\$-
Federal Subtotal	\$6.8
System Performance	\$0.7
Reimbursable/Debt/Other	\$0.1
DC Dedicated Funding	\$1.8
MD Dedicated Funding	\$1.7
VA Non-Restricted Dedicated Funding	\$1.2
VA Restricted Dedicated Funding	\$0.4
Local Subtotal	\$5.8
Net Accruals	\$(0.2)
TOTAL	\$12.6

Active Procurement & Awarded Contracts

Company	Vendor Activity
Hensel Phelps Construction Co.	Construction

Note: all figures are preliminary and unaudited

(CIP0312) Four Mile Run Bus Garage Rehabilitation

FY2021 Q3

Initiative Type Project
Invest. Program Bus Maintenance Facilities
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Arlington

Description

The project rehabilitates interior and exterior elements of the Four Mile Run bus facility to restore a state of good repair and meet short-term fleet capacity needs due to other bus facility replacement projects.



Outcome

Provides a more modern facility while incorporating operating efficiencies that enable Metro to increase throughput to accommodate fleet requirements arising from other bus facility replacements.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro is continuing designs for the renovation of bus service lanes at the Four Mile Run Bus Garage.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.7	\$0.1 - \$0.1	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Consulting

Note: all figures are preliminary and unaudited



(CIP0315) Northern Bus Garage Replacement

FY2021 Q3

Initiative Type Project
Invest. Program Bus Maintenance Facilities
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Northern Bus Division site

Description

This project replaces the obsolete Northern Bus Garage to address structural deficiencies and improve use of limited facility space. The new facility will be designed to achieve LEED certification and retain the historical façade, provide multiple access points and parking for approximately 150 buses, support future electric bus charging infrastructure, and incorporate potential retail or public space.



Outcome

Provides a modern and safe bus operations and maintenance facility that will reduce associated energy consumption and operating costs and maximize bus fleet availability as measured by the Bus Fleet Reliability performance indicator [FY20 target greater than 7,000 miles between failures]. The design will preserve the historic facade, offering potential retail space for revenue generation and/or provide public space.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Pre-construction activities are ongoing in preparation of demolition to make way for the construction of the new bus garage facility.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$19.6	\$23.0 - \$25.0	82%

Funding Sources	YTD Expended
Formula	\$12.8
PRIIA	\$-
Other	\$-
Federal Subtotal	\$12.8
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.9
MD Dedicated Funding	\$0.9
VA Non-Restricted Dedicated Funding	\$0.6
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$3.4
Net Accruals	\$0.7
TOTAL	\$16.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
Clark Construction Group, LLC	Construction

Note: all figures are preliminary and unaudited



(CIP0319) Bus Maintenance Facility State of Good Repair Program

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance Facilities
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Montgomery, Landover, Western, Four Mile, Bladensburg

Description

This program renovates bus maintenance facilities and equipment to achieve a state of good repair.



Outcome

Provides modern, efficient, and safe bus operations and maintenance facilities as measured by the Metrobus customer injury rate performance indicator [FY20 target of less than 2.45 injuries per million passengers].

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is replacing bus vaults for farebox collections at various garages.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.1	\$0.1 - \$0.1	18%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.0
Net Accruals	\$-
TOTAL	\$0.0

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0322) Bus Passenger Fac./Systems Future Major Projects

FY2021 Q3

Initiative Type Project

Mode Bus

Invest. Program Bus Passenger Facilities/Systems

Location Systemwide

Invest. Category Bus, Bus Facilities and Paratransit

Description

This project improves bus passenger accessibility at revenue facilities.



Outcome

This project improves customer satisfaction and regulatory compliance.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.5	\$0.5 - \$0.5	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Metro has begun a systemwide bus stop accessibility survey to ensure Metrobus stops meet ADA accessibility requirements. The survey will include plans and prioritization for proposed improvements at deficient facilities.

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0324) Capital Program Financial Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program provides staff to support the financial management of the capital program, to include jurisdictional funds and federal grants.



Outcome

Improves Metro's ability to compliantly manage the various sources of funding for Metro's extensive capital improvement program. This program supports Metro's financial responsibility, compliance efforts, and state of good repair efforts.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.2	\$3.0 - \$3.0	92%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.4
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.9
MD Dedicated Funding	\$0.8
VA Non-Restricted Dedicated Funding	\$0.6
VA Restricted Dedicated Funding	\$0.2
Local Subtotal	\$3.0
Net Accruals	\$-
TOTAL	\$3.0

Active Procurement & Awarded Contracts

Company	Vendor Activity
InfraStrategies LLC	Consulting

Note: all figures are preliminary and unaudited



(CIP0326) Real-Time Bus and Rail Data Feed Development

FY2021 Q3

Initiative Type Project

Mode Bus

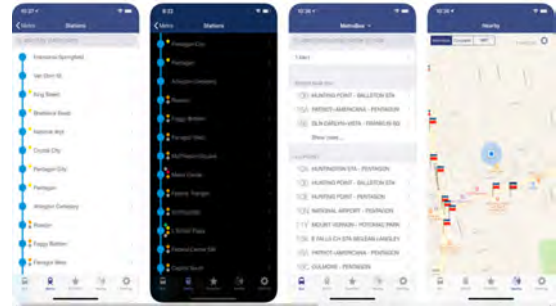
Invest. Program Bus Passenger Facilities/Systems

Location Systemwide

Invest. Category Bus, Bus Facilities and Paratransit

Description

This project develops general transit feed specifications (GTFS) for real-time data feeds for bus and rail service.



Outcome

Provides a real-time information feed that contains schedule, fare, and geographic transit information, which improves the customer experience.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:

☒ X

Development & Evaluation

☐

Implementation & Construction

☐

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.7	\$0.6 - \$0.6	12%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.1
Net Accruals	\$0.0
TOTAL	\$0.1

Metro is working towards delivering a real-time bus on-time performance and travel speed management dashboard as well as a tool to communicate real time service times.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Susan Fitzgerald & Associates, Inc.	Consulting

Note: all figures are preliminary and unaudited



(CIP0330) Information Technology Data Center

FY2021 Q3

Initiative Type Project

Invest. Program IT

Invest. Category Business and Operations Support

Mode Systemwide

Location Systemwide

Description

This project constructs a new data center to replace the existing data center at the Jackson Graham building that is being vacated. Metro will build a next-generation data center that blends new technologies with existing capabilities to continually improve and scale services to users, customers, and partners.



Outcome

Replaces Metro's existing data center with a newer more modern facility to support the system and that will also enable Metro to expand existing non-fare revenue through the leasing of excess capacity.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:



Development & Evaluation



Implementation & Construction



Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$17.2	\$7.1 - \$17.1	7%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$1.3
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$1.2
Net Accruals	\$(0.1)
TOTAL	\$1.2

Metro is advancing design and construction planning for the new data center along with the purchase of servers, racks, and networking equipment.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Dell Marketing LP	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0331) Enterprise Resource Planning Software Replacement

FY2021 Q3

Initiative Type Project

Invest. Program IT

Invest. Category Business and Operations Support

Mode Systemwide

Location Systemwide

Description

This project will implement a new enterprise resource planning (ERP) system. Metro will assess the existing suite of ERP systems supporting finance, procurement, workforce, payroll, and data warehousing functions to provide a roadmap and select an alternative to replace the current system.



Outcome

Replaces the existing enterprise resource planning (ERP) system that is scheduled to sunset by the vendor in 2030. Provides the financial management and related systems critical to compliant financial managing and reporting.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:

☒

Development & Evaluation

☐

Implementation & Construction

☐

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.4	\$1.3 - \$1.3	74%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.4
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.0
Net Accruals	\$0.0
TOTAL	\$1.0

Metro is upgrading the current ERP to maintain operations and beginning the needs assessment and planning required to select a ERP replacement.

Active Procurement & Awarded Contracts

Company	Vendor Activity
SyApps LLC	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0332) Fiber Optic Cable Installation

FY2021 Q3

Initiative Type Project
Invest. Program IT
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This project will install fiber optic cable for connectivity throughout the system to adjoining communication rooms along the rail Right-of-Way (ROW) and determine the appropriate strategy for installing fiber optic cabling to ancillary rooms such as traction power substations, low voltage power rooms, vent shafts, and tie breaker stations.



Outcome

Replaces outdated copper wiring with fiber optic cable increasing bandwidth, speeds, reliability and enabling Metro to upgrade communication infrastructure to modern equipment that requires fiber-optic connectivity. New cabling will improve Metro's ability to remotely monitor assets, increasing the efficiency of maintenance.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is completing the fiber optical cable strategy study which will provide the organization the guidance to develop the future fiber solution scope and project schedule.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.3	\$0.2 - \$0.2	74%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.2
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$0.2
Net Accruals	\$(0.6)
TOTAL	\$0.2

Active Procurement & Awarded Contracts

Company	Vendor Activity
Mott MacDonald I&E, LLC	Engineering/Design
Evaluating Bids	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0335) Office Consolidation - District of Columbia

FY2021 Q3

Initiative Type Project
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location L'Enfant Plaza

Description

Metro's regional office consolidation plan combines Metro's ten administrative facilities to four. This project funds the construction of a DC office building at 300 7th St. SW. The new site will be renovated to modern workplace standards, including new commercial amenities on the ground floor to activate the streetscape and generate lease revenue. In addition, Metro will improve the exterior appearance and add three floors. The building will be designed with the goal of achieving LEED certification.



Outcome

Updates and modernizes office space for employees that will streamline business process, allow departments to be more logically organized and reduce Metro's long-term costs.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$113.5	\$80.8 - \$84.8	55%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$60.4
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$62.5
Net Accruals	\$2.1
TOTAL	\$62.5

Metro has completed structural steel erection for the additional three floors and the installation of new curtain wall. Interior build out work, rooftop preparation work, and the delivery and installation of major electrical equipment are ongoing. The design milestones and GMP are anticipated in Q4.

Active Procurement & Awarded Contracts

Company	Vendor Activity
LDA 300 7th St LLC	Construction

Note: all figures are preliminary and unaudited



(CIP0336) Facility Energy Management Upgrades

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program analyzes data gathered from Metro's Energy Management System to recommend improvements in energy use and management at Metro facilities.



Outcome

Optimizes energy use and management strategies at Metro facilities.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.4	\$0.2 - \$0.2	47%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.2
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.2
Net Accruals	\$(0.0)
TOTAL	\$0.2

Metro is upgrading the Enterprise Energy Monitoring Software (EEMS) to improve tracking, analysis, and reporting of energy utilization.

Active Procurement & Awarded Contracts

Company	Vendor Activity
AECOM-STV JV	Consulting

Note: all figures are preliminary and unaudited



(CIP0337) Office Consolidation - Virginia

FY2021 Q3

Initiative Type Project
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Eisenhower Avenue

Description

This project constructs a new office building in Virginia as part of Metro's regional office consolidation plan. The new office building will be constructed near the Eisenhower Avenue Metro-rail station in Alexandria, Virginia. The building will be designed with the goal of achieving LEED certification and is part of the larger redevelopment of the Eisenhower Avenue corridor.



Outcome

Updates and modernizes office space for employees that will streamline business process, allow departments to be more logically organized and reduce Metro's long-term costs.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Utility work and vertical core/shell construction on the 10-floor structure are ongoing. The design milestones and GMP are anticipated in Q4.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$62.2	\$50.1 - \$60.1	61%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$35.1
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$37.9
Net Accruals	\$2.8
TOTAL	\$37.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
LDA 2395 Mill Rd LLC	Construction

Note: all figures are preliminary and unaudited



(CIP0338) Office Consolidation - Maryland

FY2021 Q3

Initiative Type Project
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location New Carrollton

Description

This project constructs a new office building in Maryland as part of Metro's regional office consolidation plan. The new office building is located near the New Carrollton Metrorail station in Prince George's County, Maryland, one of the region's most significant transit hubs (served by Metro, MARC, multiple local and regional buses, Amtrak, Greyhound, and the future Maryland MTA Purple Line). The building will be designed with the goal of achieving LEED certification and is part of the continued development of New Carrollton.



Outcome

Updates and modernizes office space for employees that will streamline business process, allow departments to be more logically organized and reduce Metro's long-term costs.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Pre-construction activities (site preparation, surveying, mobilization, utility work, foundation work, storm water infrastructure, installing structural piles and pile caps) are ongoing. The design milestones and GMP are anticipated in Q1 of FY2022.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$55.7	\$35.5 - \$43.5	44%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$14.8
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$24.6
Net Accruals	\$9.8
TOTAL	\$24.6

Active Procurement & Awarded Contracts

Company	Vendor Activity
Urban Atlantic LLC	Construction

Note: all figures are preliminary and unaudited



(CIP0339) Rail Station Emergency Egress Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program improves guidance signage for first responders to help them assess their location and direction throughout the Metrorail system.



Outcome

Improves the safety of customers and employees by providing clear signage to help first responders to reach emergency situations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

No activity planned in FY2021.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$- - \$-	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0341) Rail System Standpipe Replacement Program

FY2021 Q3

Initiative Type Program
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program replaces dry standpipes throughout the system that have reached the end of their useful life or need to be replaced based on asset condition.



Outcome

Replaces dry standpipes used to extinguish fires in Metrorail tunnels and station platforms to keep assets in a state of good repair and in compliance with national and local regulatory maintenance standards.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$10.9	\$15.0 - \$14.0	93%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$2.4
Reimbursable/Debt/Other	\$0.3
DC Dedicated Funding	\$3.1
MD Dedicated Funding	\$2.9
VA Non-Restricted Dedicated Funding	\$2.1
VA Restricted Dedicated Funding	\$0.6
Local Subtotal	\$10.2
Net Accruals	\$(1.3)
TOTAL	\$10.2

Metro has completed 8 out of 29 dry standpipe replacements across various lines and in tunnels. Completion of the remaining locations will be completed in FY2022.

Active Procurement & Awarded Contracts

Company	Vendor Activity
M & M Welding & Fabricators	Construction
Gannett Fleming-Parsons Joint Venture II	Consulting
Transportation Management Service Inc.	Construction

Note: all figures are preliminary and unaudited



(CIP0342) Information Technology Hardware State of Good Repair

FY2021 Q3

Initiative Type Program

Mode Systemwide

Invest. Program IT

Location Systemwide

Invest. Category Business and Operations Support

Description

This program implements data center infrastructure technology improvements to achieve higher operational efficiencies, increase capacity and service availability and reduce risk to the underlying business functions and communications network.



Outcome

Supports continuity of business operations by providing efficient, reliable, and secure computing and network infrastructure, communications hardware, and edge devices.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$16.4	\$13.1 - \$16.1	45%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$2.6
MD Dedicated Funding	\$2.4
VA Non-Restricted Dedicated Funding	\$1.7
VA Restricted Dedicated Funding	\$0.5
Local Subtotal	\$7.4
Net Accruals	\$0.0
TOTAL	\$7.4

Metro is upgrading or replacing outdated hardware and software assets, performing network maintenance and expansion to support operational needs, and continuing ongoing Authority-wide PC Desktop, laptop and tablet replacements.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Dell Marketing LP	Consulting
Mythics, Inc.	Consulting
Los Alamos Technical Associates, Inc.	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0343) Information Technology Software State of Good Repair

FY2021 Q3

Initiative Type Program

Invest. Program IT

Invest. Category Business and Operations Support

Mode Systemwide

Location Systemwide

Description

This program supports state of good repair activities for critical software applications including web applications, cybersecurity, rail operations, enterprise resource planning (ERP) systems.



Outcome

Provides continuity of operations and data security of critical information software applications.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$31.1	\$30.1 - \$30.1	67%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$7.1
MD Dedicated Funding	\$6.7
VA Non-Restricted Dedicated Funding	\$4.7
VA Restricted Dedicated Funding	\$1.4
Local Subtotal	\$20.8
Net Accruals	\$0.8
TOTAL	\$20.8

Metro is continuing application improvements and software application maintenance, including the development of an enterprise-level service-oriented architecture (SOA) design to integrate various software platforms.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Birlasoft Consulting Inc.,	Consulting
Software Information Resource Corporation	Consulting
EastBanc Technologies, LLC	Consulting
CW Professional Services LLC Advanced Digital Systems, Inc.	Consulting

Note: all figures are preliminary and unaudited



(CIP0344) IT Program Management Support

FY2021 Q3

Initiative Type Program

Invest. Program IT

Invest. Category Business and Operations Support

Mode Systemwide

Location Systemwide

Description

This program oversees Metro applications' enterprise testing efforts by providing audit support, establishing an IT process support model, standardization of change management, and support services.



Outcome

Provides oversight of IT application development to enable compliance with Metro's security and quality standards. Supports policy implementation to mitigate potential audit concerns regarding IT's processes and ongoing operations and internal IT stakeholders' compliance.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.4	\$1.4 - \$1.4	81%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$1.1
Net Accruals	\$(0.0)
TOTAL	\$1.1

Metro is supporting enterprise applications in order to deliver IT capital investment that meets business needs efficiently.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Susan Fitzgerald & Associates, Inc.	Consulting
Networking for Future, Inc. (NFF, Inc.)	Consulting
Biswas Information Technology Solutions	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP0347) Accounting Capital Program Support

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

Accounting services for the capital program to facilitate planned capital projects.



Outcome

This program supports Metro's administrative operations.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.1	\$0.8 - \$0.8	59%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.6
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.6
Net Accruals	\$(0.0)
TOTAL	\$0.6

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP0348) Structural Rehabilitation - Package 1

FY2021 Q3

Initiative Type Project
Invest. Program Structures
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location DC

Description

This project rehabilitates structural and system components of bridges, aerial structures, and the station platform canopy at Rockville Station.



Outcome

Returns aerial structures, the Rockville Station canopy, and supporting infrastructure across the system to a state of good repair by addressing structural issues identified during Metro safety inspections. Prevents emergency shutdowns of rail service due to structural deficiencies.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$4.0	\$1.9 - \$1.9	5%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.2
Net Accruals	\$0.0
TOTAL	\$0.2

Metro continued the technical evaluation of vendor bids for the structural rehabilitation contract, with an award anticipated in Q4. This project scope includes the Minnesota Avenue aerial structure, Grosvenor aerial structure, Rockville Station canopy, and seven segmental bridges.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Evaluating Bids	Construction

Note: all figures are preliminary and unaudited



(CIP0349) Yellow Line Tunnel and Bridge Rehabilitation

FY2021 Q3

Initiative Type Project
Invest. Program Structures
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location MD

Description

This project rehabilitates sections of tunnel and the Potomac River bridge located between L'Enfant Plaza and Pentagon stations.



Outcome

Prevents failure of the Yellow Line tunnel by addressing structural degradation of the tunnel liner. Extends the life of the tunnel and bridge to maintain the continuity of service and safety of Metro's customers and employees.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro has issued a solicitation for construction on the tunnel liner and bridge rehabilitation, with an award anticipated in Q4.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.2	\$0.5 - \$2.0	9%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.3
Net Accruals	\$0.1
TOTAL	\$0.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
Evaluating Bids	Construction

Note: all figures are preliminary and unaudited



(CIP0352) Rail Station Platform Canopy Rehabilitation Program

FY2021 Q3

Initiative Type Program
Invest. Program Station Platform Canopies
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program replaces or rehabilitates platform canopies at various Metrorail stations to maintain in a state of good repair.



Outcome

Provides customers with shelter from the elements on outdoor platforms and extends the life of Metro's platform assets and helps prevent future safety issues.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is developing a contract package for the replacement of station platform canopies at Twinbrook and Shady Grove.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.8	\$0.0 - \$1.0	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Construction

Note: all figures are preliminary and unaudited



(CIP0355) Zero Emissions Bus

FY2021 Q3

Initiative Type Project

Invest. Program Acquisition

Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus

Location Systemwide

Description

This project purchases electric buses and evaluates potential transition of the fleet to zero emissions technology. Results of the evaluation will inform, guide, and direct Metro's future bus fleet strategy and plans for supporting equipment and infrastructure.



Outcome

Results of the pilot will inform and guide Metro's strategy for the future bus fleet. Zero-emission buses bring value to the region by reducing local air pollution, providing a quieter, smoother ride and supporting a more livable region.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:

☒	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is developing the requirements necessary to launch a Battery Electric Bus Pilot.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$- - \$-	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
In Development	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP0356) Tunnel Vent Improvements- Red Line Pilot

FY2021 Q3

Initiative Type Project
Invest. Program Structures
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Woodley Park and Cleveland Park

Description

The project performs a pilot and evaluation to rehabilitate ventilation shaft components to improve Metro's compliance with National Fire Protection Association (NFPA 130) standards. The pilot will be implemented on the Red Line between Woodley Park through Cleveland Park Metrorail Stations. If successful, the project will serve as a proof of concept for future designs across the Metrorail System and will be used to update Metro's ventilation design criteria.



Outcome

Improves ventilation infrastructure to expel smoke from tunnels in the event of a fire incident.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

Current Project Phase:

☐
☒
☐

Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$1.1 - \$2.6	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.1
Net Accruals	\$-
TOTAL	\$0.1

Metro is evaluating bids for the Red Line pilot installation of tunnel ventilation systems at Cleveland Park, Woodley Park, and Van Ness stations and will award the contract by the end of FY2021. Procurement items and labor costs are being transferred from CIP0291.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Evaluating Bids	Construction
Evaluating Bids	Engineering/Design
Evaluating Bids	Consulting

Note: all figures are preliminary and unaudited



(CIP8005) D&E Rail Yard Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Railcar Maintenance Facilities
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This program provides surveys, studies, engineering, and designs to support rail yard improvements.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging rail maintenance facility needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.8	\$0.1 - \$0.1	8%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.1
Net Accruals	\$(0.0)
TOTAL	\$0.1

Metro is completing condemnation counsel support related to land settlement with property owners, and continue tenant relocation support in connection with the acquisition of parcels for the HRO facility.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture	Consulting
Hogan Lovell Law Firm	Consulting
Diversified Property Services	Consulting

Note: all figures are preliminary and unaudited



(CIP8007) D&E Electrical Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Propulsion
Invest. Category Rail Systems

Mode Rail
Location Systemwide

Description

This program provides surveys, studies, engineering, and designs to support train propulsion needs that may lead to future capital initiatives.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is continuing work on tagging relay updates for Metro's General Orders and Track Rights System.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.1	\$0.1 - \$0.1	117%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.1
Net Accruals	\$(0.0)
TOTAL	\$0.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
Mott McDonald	Engineering/Design
eVigilant Security	Construction

Note: all figures are preliminary and unaudited



(CIP8009) D&E ATC & Communications Improvements

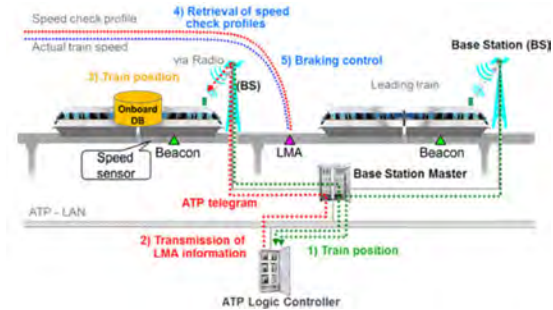
FY2021 Q3

Initiative Type Program
Invest. Program Signals & Communications
Invest. Category Rail Systems

Mode Rail
Location Systemwide

Description

This program provides surveys, studies, engineering, and designs related to new Signal and Communications Program efforts that may lead to future capital projects or programs.



Outcome

This program supports Metro's reliability goals.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.5	\$0.5 - \$0.5	71%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.5
Reimbursable/Debt/Other	\$0.0
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.4
Net Accruals	\$(0.1)
TOTAL	\$0.4

Metro is continuing studies to determine the feasibility of making significant long term investments in a next generation train control system as the current system reaches the end of its useful life.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Mott MacDonald I&E, LLC	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP8011) D&E Fixed Rail Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Fixed Rail
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program supports the development and evaluation of new initiatives associated with railway improvements.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.7	\$1.9 - \$2.2	100%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$1.8
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$1.7
Net Accruals	\$(0.1)
TOTAL	\$1.7

Metro is designing a 110-foot extension of a pocket track at the Orange and Blue/Silver Line junction near Minnesota Avenue. In addition, an assessment of the recently eliminated turn-backs on the Red and Yellow Lines will conclude and will determine the level of infrastructure investment and terminal/railyard operational adjustments required to support increased service and turnaround frequencies.

Active Procurement & Awarded Contracts

Company	Vendor Activity
DHA/RK&K Joint Venture	Engineering/Design
AECOM, USA, Inc.	Engineering/Design
WSP USA Inc.	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP8013) D&E Track Structures Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Structures
Invest. Category Track and Structures Rehabilitation

Mode Rail
Location Systemwide

Description

This program supports Metro's efforts to complete surveys, studies, engineering, and design tasks for tracks' and structures' capital initiatives.



Outcome

Supports efforts to develop and evaluate potential solutions for emerging track and structural needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.0	\$7.0 - \$9.0	193%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$3.6
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.1
MD Dedicated Funding	\$0.1
VA Non-Restricted Dedicated Funding	\$0.1
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$5.9
Net Accruals	\$1.9
TOTAL	\$5.9

Metro is continuing engineering and design initiatives to improve the management and prioritization of track infrastructure maintenance activities. These include analysis of alternatives for the Blue, Orange, and Silver Lines to address crowding in trains and stations, as well as the installation of track heater control modules that would reduce unnecessary run time for third rail heaters.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture	Engineering/Design
Mott MacDonald I&E, LLC	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP8015) D&E Rail Station Improvements

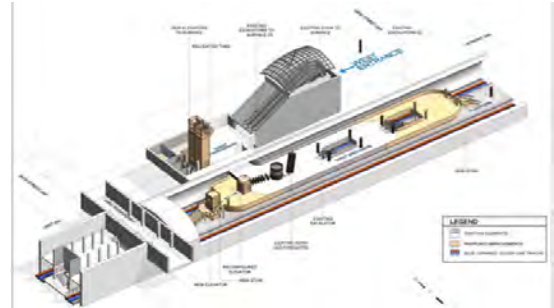
FY2021 Q3

Initiative Type Program
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program provides surveys, studies, engineering, and designs to support platform and structures improvement efforts that may lead to future capital initiatives.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.8	\$1.9 - \$1.9	204%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.9
Reimbursable/Debt/Other	\$0.1
DC Dedicated Funding	\$0.3
MD Dedicated Funding	\$0.3
VA Non-Restricted Dedicated Funding	\$0.2
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.7
Net Accruals	\$(0.1)
TOTAL	\$1.7

Metro is continuing to analyze proposed improvements to elevators and escalators in Metro Center to improve passenger flow within the station, and analyze passenger circulation improvements at L'Enfant Plaza, McPherson Square, and Archives-Navy Memorial. In addition, Metro plans to continue to evaluate platforms and structures in DC, Maryland, and Virginia to develop a prioritized list of projects.

Active Procurement & Awarded Contracts

Company	Vendor Activity
DHA/RK&K Joint Venture	Consulting

Note: all figures are preliminary and unaudited



(CIP8019) D&E Revenue Facility Improvement

FY2021 Q3

Initiative Type Program
Invest. Program Station Systems
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Systemwide

Description

This program identifies improvements needed for Metro's passenger facilities. Supports the development of designs and evaluates potential solutions.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.5	\$- - \$-	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Metro is continuing designs for systemwide upgrades to Passenger Information Display System (PIDS) and Public Address (PA) System.

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP8021) D&E Bus & Paratransit Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Bus and Paratransit Acquisition
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program provides surveys, studies, engineering, and designs related to new bus and paratransit efforts that may lead to future capital initiatives. Specifically, Metro will evaluate the feasibility and success of transitioning some of its bus fleet to electric vehicles and develop preliminary plans for infrastructure requirements to support an electric bus fleet.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is developing the requirements necessary to launch a Battery Electric Bus Pilot. This work is being transferred to CIP0355.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$1.9	\$0.4 - \$0.9	16%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.3
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.3
Net Accruals	\$0.0
TOTAL	\$0.3

Active Procurement & Awarded Contracts

Company	Vendor Activity
AECOM, USA, INC.	Consulting

Note: all figures are preliminary and unaudited



(CIP8025) D&E Bus Maintenance Facility Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance Facilities
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program provides surveys, studies, engineering, and designs related to new bus maintenance facility needs that may lead to future capital initiatives.



Outcome

Supports efforts to identify rehabilitation or replacement needs of bus maintenance facilities and develop and evaluate potential solutions before committing to investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

Metro is developing conceptual design and programming for replacement of the Western bus facility.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.6	\$0.6 - \$0.6	23%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.0
MD Dedicated Funding	\$0.0
VA Non-Restricted Dedicated Funding	\$0.0
VA Restricted Dedicated Funding	\$0.0
Local Subtotal	\$0.1
Net Accruals	\$(0.0)
TOTAL	\$0.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP8026) Future Bus Maintenance Facilities

FY2021 Q3

Initiative Type Program
Invest. Program Bus Maintenance Facilities
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program supports future large scale bus maintenance facility initiatives that are yet to be fully defined, but are known needs.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging bus maintenance facility needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

No planned deliverables in FY2021. Project expected to commence between FY2022 and FY2026.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$- - \$-	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP8027) D&E Bus Passenger Facility Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Bus Passenger Facilities/Systems
Invest. Category Bus, Bus Facilities and Paratransit

Mode Bus
Location Systemwide

Description

This program provides surveys, studies, engineering, and designs related to bus passenger facilities that may lead to future capital projects or programs.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging rehabilitation or replacement needs of bus passenger facilities before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

No planned deliverables in FY2021. Program expected to commence between FY2023 and FY2026.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.1	\$0.0 - \$0.0	53%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.1
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.1
Net Accruals	\$(0.0)
TOTAL	\$0.1

Active Procurement & Awarded Contracts

Company	Vendor Activity
AECOM, USA, INC.	Engineering/Design

Note: all figures are preliminary and unaudited



(CIP8029) D&E Information Technology Improvements

FY2021 Q3

Initiative Type Program

Invest. Program IT

Invest. Category Business and Operations Support

Mode Systemwide

Location Systemwide

Description

This program identifies emerging information technology needs and develops proposed solutions for evaluation to become potential future capital initiatives.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging information technology needs before committing to larger investments.

Strategic Objectives Supported



Safety

Cust. Sat.

Reliability

Ridership

Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$3.8	\$4.0 - \$4.0	70%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$2.7
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$2.7
Net Accruals	\$(0.0)
TOTAL	\$2.7

Metro is developing proposed solutions to support regulatory and reporting requirements of Metro's Occupational Health and Wellness (OHAW) department, deliver train arrival prediction timelines to Passenger Information Display Signs (PIDS), and evaluate technology options for Metro Transit Police needs.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Dell Marketing LP	Consulting
Vivsoft Technologies LLC	Consulting
Active Solicitation	Consulting

Note: all figures are preliminary and unaudited



(CIP8031) D&E Metro Transit Police Improvements

FY2021 Q3

Initiative Type Program
Invest. Program MTPD
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program supports the development and evaluation of new potential Metro Transit Police initiatives.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.4	\$- - \$-	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Metro is continuing to study the development of a Law Enforcement Mobile Application, as well as a potential future consolidated training facility to include canine, emergency management, tunnel and first responder training.

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP8032) Future Metro Transit Police Projects

FY2021 Q3

Initiative Type Program

Mode Systemwide

Invest. Program MTPD

Location Systemwide

Invest. Category Business and Operations Support

Description

This program supports large scale future Metro Transit Police projects that have yet to be fully defined, but are known needs.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety



Cust. Sat.



Reliability



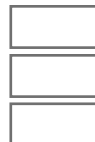
Ridership



Op. Impact

Overall Status

(Program are ongoing)



Development & Evaluation

Implementation & Construction

Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$-	\$0.0 - \$0.0	

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$0.0
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.0
Net Accruals	\$0.0
TOTAL	\$0.0

Metro Transit Police Department is continuing the Threat and Vulnerability Assessment (TVA) remediation to develop and evaluate security improvements for rail stations and tracks, bridges, tunnels, railyards and bus maintenance facilities.

Active Procurement & Awarded Contracts

Company	Vendor Activity

Note: all figures are preliminary and unaudited



(CIP8033) D&E Support Equipment Improvements

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Systemwide
Location Systemwide

Description

This program evaluates the purchase of equipment, services, and systems that provide support to Metro.



Outcome

Supports efforts to develop and evaluate potential solutions to emerging needs before committing to larger investments.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$2.2	\$2.8 - \$2.8	64%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$0.6
MD Dedicated Funding	\$0.5
VA Non-Restricted Dedicated Funding	\$0.4
VA Restricted Dedicated Funding	\$0.1
Local Subtotal	\$1.4
Net Accruals	\$(0.2)
TOTAL	\$1.4

Metro is assessing the use of digital technology to create more efficient ways to utilize the corporate website, improve mobile access, expand Wi-Fi marketing, develop touch screen wayfinding, improve voice commanded devices, and enhance self-service communications to improve business operations and customer experience.

Active Procurement & Awarded Contracts

Company	Vendor Activity
WSP USA Inc.	Consulting

Note: all figures are preliminary and unaudited



(CRB0005) Planning Support for the District of Columbia

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Bus
Location Washington, DC

Description

This program facilitates planning and design of potential future transit projects and transit oriented development efforts which create pedestrian-oriented, mixed-use communities centered around Metro stations. This also includes other projects that are of priority interest to Metro and the District of Columbia.



Outcome

Facilitates improvements in station circulation, station access, regional transportation planning, and joint development activities that are of mutual interest to Metro and the District of Columbia.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.2	\$0.7 - \$0.7	181%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.4
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.4
Net Accruals	\$(0.0)
TOTAL	\$0.4

Metro is planning for Transit Oriented Development at Brookland and Fort Totten. Development and evaluation of station improvements will continue at Navy Yard-Ballpark and planning requirements for other station passenger circulation improvements, joint developments, and bus facilities as requested by the District of Columbia.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Parsons Transportation Group Inc.	Consulting

Note: all figures are preliminary and unaudited



(CRB0009) Planning Support for Maryland Jurisdictions

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Rail
Location Maryland

Description

This program facilitates planning and design of potential future transit projects and transit oriented development efforts which create pedestrian-oriented, mixed-use communities centered around Metro stations. This also includes other projects that are of priority interest to Metro and the Maryland jurisdictions.



Outcome

Facilitates improvements in station circulation, station access, regional transportation planning, and joint development activities that are of mutual interest to Metro and the Maryland jurisdictions.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.2	\$0.4 - \$0.4	109%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.2
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.2
Net Accruals	\$(0.0)
TOTAL	\$0.2

Metro is planning for Transit Oriented Development at West Hyattsville, Morgan Boulevard, and Addison Road. Development and evaluation of station improvements will continue at Rockville and planning requirements for other station passenger circulation improvements, joint developments, and bus facilities as requested by localities in Maryland.

Active Procurement & Awarded Contracts

Company	Vendor Activity
HR&A Advisors	Consulting

Note: all figures are preliminary and unaudited



(CRB0013) Potomac Yard Station Construction

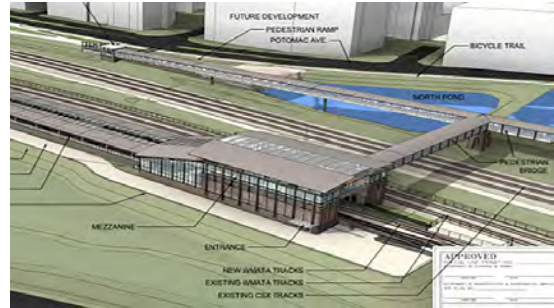
FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Alexandria

Description

The project supports the design and construction of a new Metrorail station on the Yellow and Blue Lines between the existing Braddock Road and Ronald Reagan Washington National Airport stations. This project is a partnership between Metro and the City of Alexandria, which is funding the new station.



Outcome

Increases access to Metrorail in the City of Alexandria, accommodating economic development, reduced vehicle traffic, and improved quality of life in the City of Alexandria and the surrounding community.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro has begun construction on buildings that will house train control, power and communication systems; installation of information technology equipment; and construction on the track double cross-over and track cut-over installations between National Airport and Braddock Road stations.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$97.5	\$87.7 - \$99.7	61%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$47.4
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$59.2
Net Accruals	\$11.8
TOTAL	\$59.2

Active Procurement & Awarded Contracts

Company	Vendor Activity
Potomac Yard Constructors	Consulting
Gannett Fleming-Parsons Joint Venture II	Construction
Mott MacDonald I&E, LLC	Engineering/Design
Active Solicitation	Construction

Note: all figures are preliminary and unaudited



(CRB0018) Planning Support for Virginia Jurisdictions

FY2021 Q3

Initiative Type Program
Invest. Program Support Equipment/Services
Invest. Category Business and Operations Support

Mode Rail
Location Virginia

Description

This program facilitates planning and design of potential future transit projects and transit oriented development efforts which create pedestrian-oriented, mixed-use communities centered around Metro stations. This also includes other projects that are of priority interest to Metro and the Virginia jurisdictions.



Outcome

Facilitates improvements in station circulation, station access, regional transportation planning, and joint development activities that are of mutual interest to Metro and the Virginia jurisdictions.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

(Program are ongoing)

☐	Development & Evaluation
☐	Implementation & Construction
☐	Operations Activation

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$0.8	\$0.3 - \$0.3	17%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$0.1
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$0.1
Net Accruals	\$(0.0)
TOTAL	\$0.1

Metro is planning for Transit Oriented Development at West Falls Church, East Falls Church Transit Facilities, and Eisenhower Avenue Public Space Improvements. Metro plans to coordinate and begin planning the Huntington Bus Rapid Transit initiative and planning requirements for other station passenger circulation improvements, joint developments, and bus facilities as requested by localities in Virginia.

Active Procurement & Awarded Contracts

Company	Vendor Activity
Parsons Transportation Group Inc.	Consulting

Note: all figures are preliminary and unaudited



(CRB0019_19) Silver Line Phase 1 Railcars

FY2021 Q3

Initiative Type Project
Invest. Program Railcar Acquisition
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This project acquires 64 new 7000 series railcars for phase 1 construction of the Silver Line. The railcars are funded by the Metropolitan Washington Airports Authority.



Outcome

Provides additional railcars necessary for the phase 1 portion of the new Silver Line rail service. All railcars have been received.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro is taking delivery of Operation and Maintenance Manuals and Spare Parts Catalogs, portable and bench testing equipment, and delivery of as-built drawings. Final acceptance for these items is scheduled for FY2022.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$10.9	\$5.4 - \$5.4	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
Kawasaki Rail Car Inc.	Railcars

Note: all figures are preliminary and unaudited



(CRB0020) Silver Line Phase 2 Construction Support

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location All new Phase II stations in Virginia - 3 in Fairfax County and 3 in Loudoun County

Description

This project supports Phase 2 construction, integration, and infrastructure improvements for the Silver Line expansion of six stations. This project is managed and funded by the Metropolitan Washington Airports Authority



Outcome

Provides rail customers a direct connection to Dulles International Airport and better access to rail service for residents, visitors, and businesses in Western Fairfax County and Loudoun County.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro is completing AFC equipment installation, ATC tie-in work at Wiehle-Reston East, and signage and graphics installation at the six new stations that are expected to begin revenue service in FY2022.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$37.5	\$37.1 - \$39.6	85%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$31.7
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$31.9
Net Accruals	\$0.2
TOTAL	\$31.9

Active Procurement & Awarded Contracts

Company	Vendor Activity
Mott McDonald LLC	Consulting
Clark Construction Group	Equipment/Materials
Cubic Transportation	Construction

Note: all figures are preliminary and unaudited



(CRB0020_01) Silver Line Phase 2 Railcars

FY2021 Q3

Initiative Type Project
Invest. Program Railcar Acquisition
Invest. Category Railcar and Railcar Facilities

Mode Rail
Location Systemwide

Description

This project acquires 64 new 7000 series railcars for phase 2 construction of the Silver Line. The railcars are funded by the Metropolitan Washington Airports Authority.



Outcome

Provides additional railcars necessary for the phase 2 portion of the new Silver Line rail service. All railcars have been received.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☐	Operations Activation

Metro is working with the vendor on software modifications for train announcements for Silver Line Phase 2 stations and Automatic Train Control improvements.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$2.0	\$0.7 - \$0.7	0%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$-
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$-
Net Accruals	\$-
TOTAL	\$-

Active Procurement & Awarded Contracts

Company	Vendor Activity
Kawasaki Rail Car Inc.	Railcars
In Development	Equipment/Materials

Note: all figures are preliminary and unaudited



(CRB0127) Purple Line Construction Support

FY2021 Q3

Initiative Type Project
Invest. Program Platforms & Structures
Invest. Category Stations and Passenger Facilities

Mode Rail
Location Bethesda, Silver Spring, College Park, and New Carrollton.

Description

This project supports the planned Purple Line, a 16-mile light rail transit line extending from Bethesda to New Carrollton. The Maryland Transit Administration (MTA) is managing and funding the development of the line which will connect to four Metrorail stations: Bethesda, Silver Spring, College Park, and New Carrollton. This project includes design and engineering support to integrate Metro facilities with the Purple Line and a new entrance into the South Mezzanine at Bethesda Station.



Outcome

Supports future multi-modal connections that will increase transit access in the region. Increases passengers flexibility and convenience when it comes to riding Metrorail.

Strategic Objectives Supported



Safety Cust. Sat. Reliability Ridership Op. Impact

Overall Status

Current Project Phase:

☐	Development & Evaluation
☒	Implementation & Construction
☒	Operations Activation

Metro will support design and construction efforts to integrate the Purple Line with the Metro rail system, particularly at the Bethesda and Silver Spring stations. Metro will provide engineering oversight and project management support for this MTA administered project.

FY2021 Funding (\$M)

FY21 Current Budget	FY21 Forecast	YTD % Budget Expended
\$4.4	\$4.0 - \$5.0	62%

Funding Sources	YTD Expended
Formula	\$-
PRIIA	\$-
Other	\$-
Federal Subtotal	\$-
System Performance	\$-
Reimbursable/Debt/Other	\$1.6
DC Dedicated Funding	\$-
MD Dedicated Funding	\$-
VA Non-Restricted Dedicated Funding	\$-
VA Restricted Dedicated Funding	\$-
Local Subtotal	\$2.7
Net Accruals	\$1.1
TOTAL	\$2.7

Active Procurement & Awarded Contracts

Company	Vendor Activity
Gannett Fleming-Parsons Joint Venture II	Consulting

Note: all figures are preliminary and unaudited

