

# FY2023 Quarter 4

**Appendix 1:** 

**Capital Program Project Pages** 









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#### (CIP0002) Bus Onboard Location Equipment and Software Program

#### FY2023 Q4

Mode:

Bus Location: Systemwide

Initiative Type: Program

Investment Program: Maintenance/Overhaul

Investment Category: Bus, Bus Facilities & Paratransit

#### **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.

#### **Expected 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 [FY21 target ≥ 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.

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The deployment of all 1,200 routers and 1,600 disruption management software has been successfully accomplished. A contract for Automated Vehicle Location/GPS is anticipated to be awarded in the fall.

# **Strategic Drivers**







FY23 Current Budget	YTD % Budget Expended
\$11.73	43%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.77
MD Dedicated Funding	\$0.72
VA Non-Restricted Dedicated Funding	\$0.51
VA Restricted Dedicated Funding	\$0.15
Local Subtotal	\$5.10
Debt	\$2.95
Net Accruals	
Total FY23 Expenditures	\$5.10



(CIP0002) Top 30 Active Contracts by Allocated CIP Value			CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FBMNT22210 9	Clever Devices Ltd.	EQUIP_MATL	\$2,427,129	\$2,427,129	1/3/2022	1/3/2023



#### (CIP0004) Bus Maintenance Facility and Equipment State of Good Repair Program

#### FY2023 Q4

Mode:

Bus Location: Systemwide

Initiative Type: Program

Investment Program: Maintenance/Overhaul

Investment Category: Bus, Bus Facilities & Paratransit

#### **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.

#### **Expected Outcome**

Maximizes the efficiency of bus maintenance operations to support improved fleet availability as measured by the Bus Fleet Reliability performance indicator [FY21 target ≥7,000 miles between failures].

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q3, bus operations simulators were received and work is progressing. However, supplies and equipment, specifically toolboxes, are behind schedule. Anticipate simulators' installation and payment in June (Q4).

FY23 Current Budget	YTD % Budget Expended
\$4.49	27%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.27
MD Dedicated Funding	\$0.25
VA Non-Restricted Dedicated Funding	\$0.18
VA Restricted Dedicated Funding	\$0.05
Local Subtotal	\$1.28
Debt	\$0.52
Net Accruals	(\$0.08)
Total FY23 Expenditures	\$1.21



#### (CIP0004) **Top 30 Active Contracts by Allocated CIP Value Contract** Contract **Allocated** Contract Contract Vendor **Activity Number Value CIP Value Start Date Expiration Date** CQ19104 Dell Marketing LP **EQUIPMENT** \$194,300,000 \$520,757 1/7/2019 1/7/2023 FQ16036B Matthews Group Inc CONSTRUCTION \$17,932,226 \$202,889 1/10/2017 1/10/2022 C20065 **GRAINGER EQUIPMENT** \$5,000,000 \$28,971 1/11/2019 1/12/2022 FBMNT23314 S&A Systems, Inc. **EQUIPMENT** \$1,581,916 \$1,109,310 1/7/2023 1/7/2025 CBMNT22212 ETech Simulation Corp EQUIP\_MATL \$1,010,000 \$1,010,000 1/7/2022 1/7/2023 1-BTK--1 CBMNT22234 Badger Mill Supply Corp **EQUIPMENT** \$485,000 \$485,000 1/11/2022 1/10/2023 5-SV FQ19213 Snap On Tools Company **EQUIPMENT** \$181,459 \$88,653 1/6/2020 1/6/2022 CIT01233224 Copper River Information EQUIP\_MATL \$91,459 \$91,459 1/6/2023 1/6/2024 Technology



#### (CIP0005) Bus Vehicle Rehabilitation Program

#### FY2023 Q4

Initiative Type: Program

Investment Program: Maintenance/Overhaul

Investment Category: Bus, Bus Facilities & Paratransit

#### **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.

Mode: Bus

Location: Systemwide



#### **Expected 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 [FY21 target ≥7,000 miles between failures].

#### Strategic Drivers







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the rehabilitation process for the buses continued. The team successfully completed 47 rehabs, and expects to finalize a total of 53 by June 30. The primary focus remained on overhauling engines and transmissions. WAMTA typically aims to rehabilitate 80-100 buses on an annual basis; however during FY23 WMATA experienced delays in parts and equipment due to supply chain delays and constraints.

FY23 Current Budget	YTD % Budget Expended
\$56.39	82%

FY23 Funding Sources	YTD Expended
Formula	\$38.65
PRIIA	
Other	
Federal Subtotal	\$38.65
System Performance	\$0.86
Reimbursable/Other	
DC Dedicated Funding	\$2.31
MD Dedicated Funding	\$2.16
VA Non-Restricted Dedicated Funding	\$1.54
VA Restricted Dedicated Funding	\$0.46
Local Subtotal	\$7.80
Debt	\$0.47
Net Accruals	(\$0.17)
Total FY23 Expenditures	\$46.27



#### (CIP0005) **Top 30 Active Contracts by Allocated CIP Value Allocated** Contract Contract Contract Contract Vendor **Activity** Number **CIP Value** Value **Start Date Expiration Date** CQ18058B The Aftermarket Parts VEHICLE\_REHAB \$11,041,456 \$51,707 1/6/2018 1/6/2023 Company LLC FBMNT23308 The Aftermarket Parts VEHICLE REHAB \$8,939,756 \$8,841,230 1/2/2023 1/2/2024 Company LLC FBMNT23308 VEHICLE REHAB \$7,491,638 \$7,491,638 1/2/2023 1/2/2024 The Aftermarket Parts Company LLC \$4,486,375 The Aftermarket Parts 1/7/2024 F20155 VEHICLE REHAB \$4,486,375 1/1/2021 Company LLC VEHICLE\_REHAB FBMNT23307 \$3,469,072 \$6,938,144 1/11/2022 1/11/2023 Cummins Inc FQ19052A Johnson & Towers VEHICLE\_REHAB \$3,265,548 \$66,829 1/1/2019 1/1/2022 Baltimore Inc FBMNT21110 STV Incorporated CONSULT 1/6/2022 1/5/2024 \$3,181,746 \$667,834 F20139 Modine Manufacturing VEHICLE REHAB \$1.718.806 \$1.718.806 1/8/2020 1/8/2022 Company FBMNT22211 Cummins Inc 1/11/2021 1/11/2022 VEHICLE REHAB \$1,457,618 \$1,457,618 FBMNT23314 1/4/2023 1/4/2026 Johnson & Towers VEHICLE REHAB \$1,413,475 \$689,500 2-SN Baltimore Inc 1/9/2022 8711 Needles Eye VEHICLE REHAB \$1,317,447 \$1,112,226 1/9/2025 FBMNT23307 Modine Manufacturing VEHICLE REHAB \$1,238,189 \$1,238,189 1/4/2023 1/3/2024 Company VEHICLE REHAB \$1,072,046 \$1,072,046 1/1/2021 1/1/2026 F20125 Cummins, Inc. 1/2/2022 1/2/2023 FBTRA22213 Lytx, Inc. VEHICLE\_REHAB \$785,314 \$1,235,701 FBMNT23314 Genfare LLC VEHICLE REHAB \$710,193 \$710,193 1/2/2023 1/2/2024 0 FBMNT23308 Johnson & Towers VEHICLE REHAB \$693,206 \$1,386,411 1/12/2022 1/12/2023 Baltimore Inc 6-A 1/1/2019 CQ19074D Neopart Transit LLC VEHICLE REHAB \$300,000 \$3,561 1/1/2022 \$201,000 FBMNT22233 RAM Industrial Services REPAIRABLES \$201,000 1/11/2022 1/11/2025 3-BTK LLC CBMNT21102 The Aftermarket Parts VEHICLE REHAB \$1,546,316 1/1/2021 1/1/2022 9-BTK Company LLC



#### (CIP0006) Bus Fleet Acquisition Program

#### FY2023 Q4

Mode:

Initiative Type: Program

Investment Program: Acquisition

Investment Category: Bus, Bus Facilities & Paratransit

#### **Description**

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

# Location: Systemwide

Bus



#### **Expected Outcome**

Provides customers with reliable and modern buses as measured by the Bus Fleet Reliability performance indicator [FY21 target ≥7,000 miles between failures]. Maintains an average fleet age of approximately 7.5 years.

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, we received a total of 24 buses, and we anticipate an additional 26 buses to be delivered by June 30th. However, the remaining 45 buses are now scheduled for delivery in Q1 of FY24, experiencing a delay from the initial forecast. The contract solicitation for FY24-28 is currently in the Technical Evaluation Team stage, with the award anticipated this fall. As part of the preparations for this contract, one bus was received in Q4.

FY23 Current Budget	YTD % Budget Expended
\$67.42	63%

FY23 Funding Sources	YTD Expended
Formula	\$40.95
PRIIA	
Other	
Federal Subtotal	\$40.95
System Performance	\$0.22
Reimbursable/Other	
DC Dedicated Funding	\$0.06
MD Dedicated Funding	\$0.06
VA Non-Restricted Dedicated Funding	\$0.04
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.89
Debt	\$0.48
Net Accruals	\$0.46
Total FY23 Expenditures	\$42.29



(CIP0006)		1	Top 30 Active	Contracts by	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CBMNT21109 5-A	Cummins, Inc.	3RD_PARTY	\$286,010	\$35,000	1/3/2021	1/3/2022



#### (CIP0007) Bus Closed Circuit Television Replacement Program

#### FY2023 Q4

Initiative Type: Program

Investment Program: Maintenance/Overhaul

Investment Category: Bus, Bus Facilities & Paratransit

#### **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.

Mode: Bus

Location: Systemwide



#### **Expected 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 [FY21 target of ≤154 injuries], the bus system employee injury rate performance indicator [FY21 target of ≤11.2 per 100 employees], and the rate of crimes against passengers performance indicator [FY21 target of ≤840 crimes]

#### **Strategic Drivers**







Budget and Funding (\$ Millions)

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EV22 Current Budget	VTD 0/ E

FY23 Current Budget	YTD % Budget Expended
\$21.05	

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	
Debt	
Net Accruals	
Total FY23 Expenditures	

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the procurement for the project was cancelled as WMATA is developing a comprehensive camera program across all its assets and facilities to include new cameras on buses. As a result, the team has shifted focus towards implementing a "refurbish/replacement program" for CCTVs, which will be the new direction moving forward.



(CIP0007)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



#### (CIP0009) Service Vehicle Acquisition Program

#### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

#### **Description**

This program acquires service and maintenance support vehicles, including police vehicles, primarily to replace vehicles that are past their useful life.



#### **Expected Outcome**

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

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, we received 2 Light Duty and 2 Medium Duty vehicles. In addition, 14 out of the 17 Service vehicles have been delivered by July. The procurement process has been progressing with 202 vehicle bids received. Moreover, 2 Cargo Vans were successfully delivered in June.

FY23 Current Budget	YTD % Budget Expended
\$13.50	25%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.17
MD Dedicated Funding	\$1.09
VA Non-Restricted Dedicated Funding	\$0.78
VA Restricted Dedicated Funding	\$0.23
Local Subtotal	\$3.27
Debt	
Net Accruals	\$0.10
Total FY23 Expenditures	\$3.38



#### (CIP0009) **Top 30 Active Contracts by Allocated CIP Value Contract Contract Allocated** Contract **Contract** Vendor **Activity Number Value CIP Value Start Date Expiration Date** 0000007675C Lindsay Ford LLC VEHICLES\_OTHER \$2,639,772 \$2,580,700 1/6/2021 1/3/2023 0000007675A Brian Hoskins Ford VEHICLES OTHER \$2,451,005 \$2,451,005 1/6/2021 1/12/2022 0000007675B 1/6/2021 Criswell Chevrolet VEHICLES\_OTHER \$1,323,636 \$88,500 1/12/2022 FSVMT21106 Samsara Inc CONSTRUCTION \$464,294 \$97,766 1/10/2021 1/10/2026 0000007675D Western Star Trucks of VEHICLES\_OTHER \$349,695 \$349,695 1/6/2021 1/12/2022 Delmarva, LLC



#### (CIP0010) Environmental Compliance Program

#### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

#### **Description**

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



#### **Expected Outcome**

Allows Metro operations to continue by protecting the region's natural resources and human health and complying with environmental regulations.

#### **Strategic Drivers**







**Overall Status** 

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The New Hampshire Chiller Plant construction reached 90% completion, with ongoing equipment installation and interior finish work. The team successfully finished the concrete pad for the Pepco transformer and began the brickwork. Final inspections and punch work commenced to ensure project quality. The storage tank replacement project at New Carrollton, Greenbelt, and Glenmont Rail Yards advanced, with the 90% drawings finalized. The design tasks for sloped landscapes in Huntington, Arlington, PG Plaza, and Rhode Island, also made substantial progress, reaching 90% completion.

FY23 Current Budget	YTD % Budget Expended
\$7.45	75%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.45
Reimbursable/Other	
DC Dedicated Funding	\$1.24
MD Dedicated Funding	\$1.16
VA Non-Restricted Dedicated Funding	\$0.83
VA Restricted Dedicated Funding	\$0.25
Local Subtotal	\$7.07
Debt	\$3.14
Net Accruals	(\$1.47)
Total FY23 Expenditures	\$5.60



(CIP0010)	Top 30 Active Contracts by Allocated CIP Value			CIP Value		
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ18033G	Gannett Fleming Engineers and Architects	CONSULT	\$90,000,000	\$10,000	1/8/2018	1/8/2023
FQ19172G	Gannett Fleming Engineers and Architects	ENGINEERING	\$70,250,000	\$2,272,890	1/10/2019	1/10/2024
FQ18033B	HNTB Corporation	ENGINEERING	\$65,000,000	\$1,000	1/8/2018	1/8/2023
FQ19172M	Mott MacDonald-WSP Joint Venture	CONSULT	\$61,000,000	\$16,112	1/10/2019	1/10/2024
FQ18033C	WSP USA Inc.	CONSULT	\$60,000,000	\$80,000	1/8/2018	1/8/2023
FQ19172A	AECOM, USA, INC.	ENGINEERING	\$15,000,000	\$269,905	1/10/2019	1/10/2024
FQ18110	CHK America Inc	3RD_PARTY	\$14,443,906	\$36,330	1/4/2018	1/4/2023
FQ16036A	Potomac Construction Co Inc	CONSTRUCTION	\$5,275,572	\$175,848	1/10/2017	1/10/2022
FQ19225	KCI Technologies Inc	CONSULT	\$1,559,145	\$200,000	1/7/2019	1/7/2024
FQ19172P	C C Johnson & Malhotra PC	CONSULT	\$200,000	\$117,369	1/10/2019	1/10/2024



#### (CIP0015) MetroAccess Fleet Acquisition

#### FY2023 Q4

Mode:

Initiative Type: Program
Investment Program: Acquisition

Investment Category: Bus, Bus Facilities & Paratransit

#### **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.

#### **Expected Outcome**

Prevents future reliability problems within the fleet as measured by the MetroAccess fleet reliability metric [FY21 target ≥20,000 miles between failure]. Newer vehicles also incorporate updated ADA standards, customer feedback on improvements and improved fuel efficiency.

# Metro Access 1630

#### Strategic Drivers



**Paratransit** 

Location: Systemwide



#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Out of the 23 mini-vans mentioned in Q3, 12 were successfully delivered in Q4. The 404 vehicle package is still undergoing review by the IG, while 50 sedans were delivered as planned. Additionally, the pre-award audit by the IG for the 100 Next Gen Vehicles, is still ongoing.

FY23 Current Budget	YTD % Budget Expended
\$18.42	26%

FY23 Funding Sources	YTD Expended
Formula	\$0.95
PRIIA	
Other	\$0.06
Federal Subtotal	\$1.01
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.75
MD Dedicated Funding	\$0.70
VA Non-Restricted Dedicated Funding	\$0.50
VA Restricted Dedicated Funding	\$0.15
Local Subtotal	\$2.10
Debt	
Net Accruals	\$1.68
Total FY23 Expenditures	\$4.79



(CIP0015)		Top 30 Active Contracts by Allocated CIP Value			CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CACCS21123 8	Sonny Merryman Inc.	PARA_SEDAN	\$1,784,150	\$1,784,150	1/2/2022	1/2/2023
FACCS22229 6-SV	Jeezny Sourcing LLC	PARA_VAN	\$639,955	\$639,955	1/3/2023	1/2/2024
CACCS22226 7_0	Lytx, Inc.	PARA_VAN	\$458,334	\$175,998	1/3/2023	1/3/2024



#### (CIP0024) Track Rehabilitation Program

#### FY2023 Q4

Initiative Type: Program

Investment Program: Fixed Rail

Investment Category: Track and Structures Rehabilitation

#### **Description**

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

Mode: Rail

Location: Systemwide



#### **Expected 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 [FY21 target ≤7.9% of track unavailable].

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Rehabilitation and maintenance tasks such as grout pad repairs, welding, fastener replacements, rail replacements, tie and concrete rehabilitation, restraining rail installation, and tamping. The efforts resulted in concrete restoration, grout pad rehabilitation, mitigation of station and tunnel leaks, installation of crossties, replacement of track fasteners, new third rail insulators, rail renewal, track surfacing, and turnout rehabilitation. Additionally, the Phase II Orange Line shutdown progressed successfully, with work continuing from Vienna to West Falls Church.

FY23 Current Budget	YTD % Budget Expended
\$81.04	149%

FY23 Funding Sources	YTD Expended
Formula	\$80.25
PRIIA	
Other	
Federal Subtotal	\$80.25
System Performance	\$1.39
Reimbursable/Other	
DC Dedicated Funding	\$11.47
MD Dedicated Funding	\$10.74
VA Non-Restricted Dedicated Funding	\$7.66
VA Restricted Dedicated Funding	\$2.27
Local Subtotal	\$38.29
Debt	\$4.76
Net Accruals	\$2.18
Total FY23 Expenditures	\$120.72



#### (CIP0024) **Top 30 Active Contracts by Allocated CIP Value Allocated** Contract Contract Contract Contract Vendor **Activity Number** Value **CIP Value Start Date Expiration Date** FQ18033F DHA/RK&K Joint Venture CONSULT \$93,000,000 \$556,743 1/8/2018 1/8/2023 C20088A Transportation 3RD PARTY \$69,979,125 \$1,015,420 1/2/2020 1/2/2024 Management Service Inc FQ18033E Louis Berger (DC), CONSULT \$22,500,000 \$5,577,877 1/8/2018 1/8/2023 PLLC/Urban Engineers CCSCM21107 | Sharp And Company 3RD PARTY \$12,000,000 \$1,155,121 1/5/2021 1/5/2024 C20113 Transportation 3RD\_PARTY \$10,196,919 \$142,332 1/5/2020 1/5/2022 Management Service Inc FTRST233241 Progress Rail Services EQUIP MATL \$8,248,916 \$8,248,916 1/4/2023 1/4/2025 -ER Corporation C20088B Yankee Line 3RD PARTY \$5,467,383 \$15,000 1/6/2020 1/2/2023 Transportation Management F200000123 OTAS Inc 3RD PARTY \$577,292 1/10/2019 1/10/2023 \$4,870,112 FQ17132 Unitrac Railroad EQUIP\_MATL \$3,001,839 \$883,889 1/3/2018 1/3/2023 Materials, Inc. Pandrol USA LP EQUIP\_MATL FQ17129A \$2,753,660 \$513,500 1/7/2017 1/7/2022 Industrial Commercial FTRST222209 3RD PARTY \$2,360,158 \$2,360,158 1/2/2023 1/1/2025 Cleaning Group Inc CRAIL21004 Net Consulting Group Inc CONSULT \$2,300,000 \$1,046,911 1/7/2021 1/7/2023 F20151A Daylily Landscaping, LLC 3RD PARTY \$1,897,500 \$348,600 1/11/2020 1/10/2022 FTRST211040 Stella-Jones Corporation **EQUIPMENT** \$1,556,199 \$24,765 1/11/2020 1/11/2025 1/6/2025 FTRST211097 Hands On, LLC 3RD\_PARTY \$1,422,000 \$1,422,000 1/6/2021 -FQ FQ17129B Lewis Bolt & Nut **EQUIP MATL** \$1,000,000 \$100,000 1/7/2017 1/7/2022 Company FQ19276A Atlantic Track & Turnout EQUIP\_MATL \$884.873 1/12/2019 1/12/2024 Co F20151B Deangelo Brothers LLC 3RD PARTY \$108,000 1/12/2020 1/12/2025



#### (CIP0025) Roadway Equipment and Vehicle Program

#### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Fixed Rail

Investment Category: Track and Structures Rehabilitation

#### **Description**

This program acquires roadway maintenance machines (RMM) used to maintain, repair, construct and inspect track and infrastructure across the system. This program replaces equipment that has reached the end of its useful life and is no longer feasible to maintain.



#### **Expected 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 program supports the efficient use of work time for track outages.

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No new equipment received in Q4.

FY23 Current Budget	YTD % Budget Expended
\$26.32	38%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.32
Reimbursable/Other	
DC Dedicated Funding	\$0.29
MD Dedicated Funding	\$0.27
VA Non-Restricted Dedicated Funding	\$0.19
VA Restricted Dedicated Funding	\$0.06
Local Subtotal	\$7.13
Debt	\$6.01
Net Accruals	\$2.86
Total FY23 Expenditures	\$9.98



(CIP0025)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
C20147	K&J Safety & Security Consulting	CONSULT	\$19,773,890	\$225,000	1/9/2020	1/10/2025
FQ19196	Hatch Associates Consultants Inc	3RD_PARTY	\$16,000,000	\$1,512,222	1/7/2019	1/7/2024
CCENV21122 7	Kelley Engineered Equipment LLC	EQUIPMENT	\$6,782,034	\$6,782,034	1/6/2023	1/6/2025
FQ19106-B	HARSCO Metro Rail LLC	EQUIP_MATL	\$5,794,254	\$6,054	1/1/2020	1/6/2023



#### (CIP0033) Revenue Facility Equipment Replacement

#### FY2023 Q4

Mode:

Location:

Bus

Initiative Type: Project

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

#### **Description**

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

#### **Expected Outcome**

Improves bus revenue processing reliability by reducing equipment failures.

# Strategic Drivers







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	$\bigcirc$

No new equipment received in Q4.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.02
Debt	\$0.01
Net Accruals	
Total FY23 Expenditures	\$0.02



(CIP0033)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



#### (CIP0034) Revenue Collection Facility Rehabilitation

#### FY2023 Q4

Initiative Type: Project

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

#### **Description**

This project will rehabilitate the revenue collection facility where Metro processes revenue and restore it to a state of good repair.

#### Mode: Systemwide

Location: Commonwealth of Virginia



#### **Expected Outcome**

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

#### **Strategic Drivers**





#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Design work has progressed to 100% design, and the design is being reviewed by WMATA.

FY23 Current Budget	YTD % Budget Expended
\$1.65	78%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$1.39
Debt	\$1.39
Net Accruals	(\$0.10)
Total FY23 Expenditures	\$1.29



(CIP0034)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ19172L	Johnson, Mirmiran & Thompson Inc.	ENGINEERING	\$5,000,000	\$2,408,142	1/10/2019	1/10/2024



#### (CIP0035) Bicycle and Pedestrian Facility Rehabilitation

#### FY2023 Q4

Initiative Type: Program

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

#### **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 sidewalks and curb designs.

Mode: Rail

Location: Systemwide



#### **Expected 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 [FY21 target of ≤177 injuries] and the rate of crimes against passengers performance indicator [FY21 target of ≤840 crimes]. Supports the region's goals of reducing vehicle use by providing additional and updated options to access Metrorail facilities by foot or bicycle.

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

A new solicitation is in development with advertisement and award anticipated in calendar year 2023, with execution anticipated in calendar 2024.

#### **Strategic Drivers**





**Budget and Funding (\$ Millions)** 

FY23 Current Budget	YTD % Budget Expended
\$3.58	19%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.02
Reimbursable/Other	
DC Dedicated Funding	\$0.22
MD Dedicated Funding	\$0.21
VA Non-Restricted Dedicated Funding	\$0.15
VA Restricted Dedicated Funding	\$0.04
Local Subtotal	\$0.64
Debt	
Net Accruals	\$0.06
Total FY23 Expenditures	\$0.70



(CIP0035)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ18033D	Jacobs Engineering Group, Inc.	CONSULT	\$84,500,000	\$1,597,713	1/8/2018	1/8/2023
CIT01211282	Copper River Information Technology	EQUIP_MATL	\$22,061,314	\$17,839	1/7/2021	1/7/2024



#### (CIP0036) Procurement Program Support

#### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Location: Systemwide

Systemwide

Mode:

#### **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.



#### **Expected 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 program and project contracts.

#### **Strategic Drivers**





# **Budget and Funding (\$ Millions)**

FY23 Current Budget	YTD % Budget Expended
\$12.99	59%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$7.30
Reimbursable/Other	
DC Dedicated Funding	\$0.12
MD Dedicated Funding	\$0.11
VA Non-Restricted Dedicated Funding	\$0.08
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$7.62
Debt	
Net Accruals	\$0.06
Total FY23 Expenditures	\$7.68

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

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



(CIP0036)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



#### (CIP0039) System Planning and Development

#### FY2023 Q4

Initiative Type: Program
Investment Program: Support Equipment/Services
Investment Category: Business & 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 and rail operations, and station access.



#### **Expected Outcome**

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

### Strategic Drivers



#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Point of sale system replacements and revenue coin counter maintenance work is on-going.

FY23 Current Budget	YTD % Budget Expended
\$4.17	195%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$6.01
Reimbursable/Other	
DC Dedicated Funding	\$0.72
MD Dedicated Funding	\$0.68
VA Non-Restricted Dedicated Funding	\$0.48
VA Restricted Dedicated Funding	\$0.14
Local Subtotal	\$8.03
Debt	
Net Accruals	\$0.09
Total FY23 Expenditures	\$8.12



#### (CIP0039) **Top 30 Active Contracts by Allocated CIP Value Contract** Contract **Allocated** Contract Contract Vendor **Activity** Number Value **CIP Value Start Date Expiration Date** FQ18033A \$74,000,000 Parsons Transportation CONSULT \$232,653 1/9/2018 1/9/2023 Group Inc C20102H CONSULT \$5,199,898 1/10/2020 1/9/2023 Kimley-Horn and \$3,999,898 Associates Inc CQ20005 Massachusetts Institute CONSULT \$1,603,194 \$1,603,194 1/6/2021 1/6/2024 of Technology CPLAN22219 KORBATO CONSULT \$1,252,116 \$1,252,116 1/10/2022 1/10/2027 C20102B Cambridge Systematics CONSULT \$1,094,878 \$189,644 1/10/2020 1/9/2023 C20102K VHB - Vanasse Hangen 1/10/2020 CONSULT \$707,534 \$314,793 1/9/2023 Brustlin, Inc. **CPLAN22205** Via Transportation Inc \$490,730 \$245,365 1/4/2022 1/4/2024 IT\_SOFTWARE\_OT 6-KJC C20102F IBI Group Professional CONSULT \$404,981 \$404,980 1/10/2020 1/9/2023 Services USA Inc CPLAN22205 University of Maryland \$350,000 1/7/2022 CONSULT 1/2/2024



#### (CIP0043) Bus and Rail Scheduling and Operations Software Improvements

#### FY2023 Q4

Mode:

Location:

Initiative Type: Project
Investment Program: IT

Investment Category: Business & Operations Support

#### **Description**

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



#### **Expected Outcome**

Increase the flexibility and efficiency of creating revenue service schedules to meet the needs of customers while reducing costs associated with operating and maintaining the system.

#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the Phase 1 User Acceptance Testing was ongoing and expected to continue. Confidence Testing is scheduled for August, and the Go Live phase is planned for September. Phase 3 kickoff is set for September, marking the next stage of the project. The project remains on track, with successful software customizations and Factory Acceptance Testing progressing.

#### **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended
\$5.12	25%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.15
Reimbursable/Other	
DC Dedicated Funding	\$0.37
MD Dedicated Funding	\$0.35
VA Non-Restricted Dedicated Funding	\$0.25
VA Restricted Dedicated Funding	\$0.07
Local Subtotal	\$1.23
Debt	\$0.04
Net Accruals	\$0.04
Total FY23 Expenditures	\$1.27



(CIP0043)			Top 30 Active Contracts by Allocated CIP Value			CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
C20059	Giro Inc	CONSULT	\$8,062,440	\$8,062,440	1/2/2022	1/2/2023



# (CIP0054) Customer Electronic Comms

# FY2023 Q4

Mode:

Bus

Location: Systemwide

Initiative Type: Project

Investment Program: IT

Investment Category: Business & Operations Support

### **Description**

The Bus Priority Program aims to improve bus service and equity by allowing buses to travel smoothly and efficiently with the aid of new technology and intelligent roadway design. This program plans and implements new initiatives and technology to advance bus priority strategies.

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# **Expected 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. The development of this program will improve bus operating speeds and reliability for improved customer experience, environmental sustainability, and financial stewardship.

# Strategic Drivers A part of the strategic Drivers A part of the

# Safety Security Budget and Funding (\$ Millions)

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.39
MD Dedicated Funding	\$0.37
VA Non-Restricted Dedicated Funding	\$0.26
VA Restricted Dedicated Funding	\$0.08
Local Subtotal	\$1.10
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$1.10

# **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Currently negotiating a new contract, which is anticipated to be completed in calendar 2023.

Reliability/SGR



(CIP0054)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
CIT01222273	EastBanc Technologies, LLC	CONSULT	\$1,056,540	\$239,860	1/5/2022	1/5/2023



# (CIP0056) Rail Service Management Software Improvements

# FY2023 Q4

Initiative Type: Program

Investment Program: IT

Investment Category: Business & Operations Support

# **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.

Mode: Rail

Location: Systemwide



# **Expected Outcome**

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

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Development and training support for the Rail Operations Control Center are ongoing, with completion expected this winter.

FY23 Current Budget	YTD % Budget Expended
\$7.81	10%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$1.03
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$1.03
Debt	
Net Accruals	(\$0.23)
Total FY23 Expenditures	\$0.80



(CIP0056)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CIT01222013- PMG	Kambrian Corporation	CONSULT	\$104,514	\$104,514	1/8/2021	1/8/2022



# (CIP0059) 8000-Series Railcars

### FY2023 Q4

Initiative Type: Project Mode:

Investment Program: Acquisition

Investment Category: Railcar and Railcar Facilities

### Description

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



# **Expected 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 [FY21 ≥15,000 miles between failure]. In addition, new railcars reduce maintenance needs, and provides improved customer features.

# **Strategic Drivers**

Rail

Location: Systemwide





# **Budget and Funding (\$ Millions)**

FY23 Current Budget	YTD % Budget Expended		
\$47.30	61%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$1.49
Reimbursable/Other	
DC Dedicated Funding	\$0.22
MD Dedicated Funding	\$0.21
VA Non-Restricted Dedicated Funding	\$0.15
VA Restricted Dedicated Funding	\$0.04
Local Subtotal	\$21.70
Debt	\$19.59
Net Accruals	\$7.33
Total FY23 Expenditures	\$29.03

# **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the new 8000-series railcar project received delivery of Subcontracts for Primary systems. Modifications were made to include Open Gangways and switch to an Aluminum Carshell from Stainless Steel.



(CIP0059) Top 30 Active Contracts by Allocated CIP Va			CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CQ19038	Hitachi Rail Washington LLC	RAILCARS	\$685,000,000	\$685,000,000	1/11/2020	1/11/2030
FQ18149	Hatch Associates Consultants Inc	ENGINEERING	\$3,044,834	\$3,044,834	1/9/2018	1/9/2025
F20101_SS_B	Susan Fitzgerald & Associates, Inc.	CONSULT	\$2,582,682	\$2,582,681	1/4/2021	1/3/2024



# (CIP0063) Rail Vehicle Scheduled Maintenance Program

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Maintenance/Overhaul Investment Category: Railcar and Railcar Facilities

### **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.

# **Expected 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 [FY21 ≥ 15000 miles between failure] and the Metrorail customer injury rate performance indicator [FY21 target of ≤177 injuries].

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, Metro completed SMP overhauls or rehabilitation on 14 railcars, comprising 12 cars from the 2000 Series and 2 cars from the 6000 Series. For FY2023, 84 railcars have undergone SMP overhauls or rehabilitation, with 34 cars from the 2000 Series and 50 cars from the 6000 Series. For the 7000 Series railcars, staff has given priority to the Wheelset Replacement Program.

FY23 Current Budget	YTD % Budget Expended
\$49.83	166%

FY23 Funding Sources	YTD Expended
Formula	\$21.91
PRIIA	\$3.31
Other	
Federal Subtotal	\$25.22
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$19.97
MD Dedicated Funding	\$18.69
VA Non-Restricted Dedicated Funding	\$13.33
VA Restricted Dedicated Funding	\$3.96
Local Subtotal	\$55.95
Debt	
Net Accruals	\$1.59
Total FY23 Expenditures	\$82.76



### (CIP0063) **Top 30 Active Contracts by Allocated CIP Value Allocated** Contract Contract Contract Contract Vendor **Activity Number** Value **CIP Value Start Date Expiration Date** FCMNT21126 Kawasaki Rail Car Inc RAIL\_REHAB \$85,021,056 \$3,936,160 1/4/2022 1/4/2025 FCMNT22231 Dellner Inc RAIL\_REHAB \$45,000,000 \$12,633,840 1/1/2023 1/1/2026 FCMNT22220 Voith US Inc RAIL\_REHAB \$25,351,114 \$12,675,557 1/1/2023 1/1/2026 3-RLJ-FCMNT22224 Merak North America 1/4/2024 RAIL REHAB \$5,975,724 \$5,975,724 1/5/2023 FCMNT23301 WABTEC Passenger RAIL REHAB \$5,681,212 \$5,681,212 1/3/2023 1/3/2025 0-ER Transit C20138 Merak North America REPAIRABLES \$3,423,578 \$3,423,580 1/7/2020 1/7/2022 FCMNT23323 RDG LLC 1/5/2023 1/5/2025 REPAIRABLES \$1,837,975 \$1,837,975 6-NS CCMNT21112 NSH USA Corporation RAIL REHAB \$523,835 \$208,970 1/9/2021 1/9/2023 6-ER FCMNT22223 \$470,430 1/10/2022 1/10/2024 Schunk Cardon RAIL REHAB \$470,430 Technology LLC FCMNT23339 Bureau Veritas North 3RD\_PARTY \$341,842 \$341,842 1/5/2023 1/5/2026 America, Inc. CCMNT23329 Transit Sourcing Services | EQUIP\_MATL \$28,680,000 1/2/2023 1/2/2026 3-RLJ Inc



# (CIP0067) Rail Vehicle Safety & Reliability Improvements

### FY2023 Q4

Mode:

Location:

Rail

Systemwide

Initiative Type: Program

Investment Program: Maintenance/Overhaul Investment Category: Railcar and Railcar Facilities

### **Description**

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

# Metro metro

# **Expected Outcome**

Improves and maintains the reliability of the railcar fleet as measured by the Rail Fleet Reliability performance indicator [FY21 ≥15,000 miles between failure].

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4 FY2023, civil work was ongoing at Site 5 for the Automatic Wayside Inspections project, with installation set to be completed before the end of July at East Falls Church. For the Railcar HVAC Improvements, all filtration testing and UV-C lighting testing were successfully completed, fulfilling all requirements. In addition, the Converter Funct Mod Updates project saw a significant milestone, with the confirmation of the software upgrade being 100% complete, and all associated work orders were closed.

FY23 Current Budget	YTD % Budget Expended
\$2.76	175%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	\$0.16
Federal Subtotal	\$0.16
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.68
MD Dedicated Funding	\$1.57
VA Non-Restricted Dedicated Funding	\$1.12
VA Restricted Dedicated Funding	\$0.33
Local Subtotal	\$4.70
Debt	\$0.00
Net Accruals	(\$0.02)
Total FY23 Expenditures	\$4.84



(CIP0067) Top 30 Active Contracts by Allocated CIP Value			CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19148	Hatch Associates Consultants Inc	ENGINEERING	\$24,676,051	\$225,000	1/7/2019	1/6/2026



# (CIP0072) Elevator Rehabilitation Program

# FY2023 Q4

Initiative Type: Program

Investment Program: Vertical Transportation

Investment Category: Stations and Passenger Facilities

# **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.

Mode: Rail

Location: Systemwide



# **Expected Outcome**

Maintains elevators in a state of good repair to preserve availability as measured by the Elevator Availability key performance indicator [FY21 target ≥97%].

# Strategic Drivers







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The Brentwood location was completed in Q4 with the Largo Town Center anticipated to be completed in FY2024.

FY23 Current Budget	YTD % Budget Expended
\$12.38	29%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$2.86
Other	
Federal Subtotal	\$2.86
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.09
MD Dedicated Funding	\$0.09
VA Non-Restricted Dedicated Funding	\$0.06
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$0.26
Debt	
Net Accruals	\$0.42
Total FY23 Expenditures	\$3.54



### (CIP0072) **Top 30 Active Contracts by Allocated CIP Value Contract Contract Allocated** Contract **Contract** Vendor **Activity Start Date** Number **Value CIP Value Expiration Date** FRBIR222275 \$108,102,205 C3M Power Systems, CONSULT \$106,602 1/10/2022 1/10/2027 LLC FQ14021R Tompkins/Mid-American CONSTRUCTION \$38,548,424 \$23,375,195 1/4/2014 1/7/2024 \$141,290 FQ18060 Benons LLC dba Falcon 3RD\_PARTY \$1,915,996 1/10/2018 1/10/2022 Transport FBPLN222297 Benons LLC dba Falcon \$1,098,749 3RD\_PARTY \$206,955 1/11/2022 1/10/2023 Transport -SV



# (CIP0073) Escalator Rehabilitation Program

### FY2023 Q4

Mode:

Rail

Initiative Type: Program

Investment Program: Vertical Transportation

Investment Category: Stations and Passenger Facilities

# **Description**

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

Location: Systemwide

# **Expected 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 [FY21 target ≥92%].



# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the contract for seven units was terminated. Negotations are on-going to determine plans for completing the impacted units. Five units were successfully completed during this period: two at McPherson Sq., and one at each of Fort Totten, Hyattsville, and West Hyattsville. The team has shifted its focus to the escalator replacement program to efficiently use available resources.

FY23 Current Budget	YTD % Budget Expended
\$16.01	89%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$14.02
Other	
Federal Subtotal	\$14.02
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.08
MD Dedicated Funding	\$0.07
VA Non-Restricted Dedicated Funding	\$0.05
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$0.22
Debt	
Net Accruals	\$0.01
Total FY23 Expenditures	\$14.26



(CIP0073)		Top 30 Active Contracts by Allocated CIP Value				CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ19006	TMAKm Joint Venture	CONSTRUCTION	\$65,383,719	\$65,383,719	1/8/2019	1/8/2024



# (CIP0074) Parking Access & Collection Equipment

# FY2023 Q4

Initiative Type: Project

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

Description

Mode: Systemwide

Location:



# **Expected Outcome**









# **Overall Status**

**Budget and Funding (\$ Millions)** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

FY23 Current Budget YTD % Budget Expended

No activity on this project in this quarter.

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.03
MD Dedicated Funding	\$0.02
VA Non-Restricted Dedicated Funding	\$0.02
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.07
Debt	(\$0.01)
Net Accruals	\$0.05
Total FY23 Expenditures	\$0.11



(CIP0074)		Top 30 Active Contracts by Allocated CIP Value			CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ15190C	Parsons Transportation Group Inc	CONSTRUCTION		\$587,554	1/3/2018	1/3/2023



# (CIP0076) Rail System Power Upgrades

### FY2023 Q4

Initiative Type: Project Mode: Rail

Investment Program: Power Location: Systemwide

Investment Category: Rail Systems

### **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.

# **Expected Outcome**

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



# **Strategic Drivers**



### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, Metro made further progress on traction power upgrades. For the Blue Line Contract, work continued on one traction power substation. One traction power substation was completed on the Red, Green, Orange line. The team focused on closing out the contract, including tasks such as Test Reports, Manuals, and As-Builts.

FY23 Current Budget	YTD % Budget Expended
\$15.88	133%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$0.54
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$22.91
Debt	\$22.35
Net Accruals	(\$1.75)
Total FY23 Expenditures	\$21.16



(CIP0076)		Top 30 Active Contracts by Allocated CIP Value				CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ17165	C3M Power Systems, LLC	CONSTRUCTION	\$60,121,710	\$5,737,772	1/4/2018	1/6/2023
FQ16148	C3M Power Systems, LLC	CONSTRUCTION	\$57,396,617	\$580,515	1/8/2017	1/10/2022
CQ18173- COOP	Graybar Electric Co Inc	EQUIP_MATL	\$5,000,000	\$52,560	1/10/2018	1/1/2023
FCMOWE210 07	ETAP Automation - USA	ENGINEERING	\$210,000	\$210,000	1/7/2021	1/7/2022

# (CIP0084) Southern Ave Bus Garage

# FY2023 Q4

Initiative Type:

Investment Program: Maintenance Facilities

Investment Category: Bus, Bus Facilities & Paratransit

Description

Mode:

Location:



# **Expected Outcome**

# Strategic Drivers







# **Overall Status**

# **Budget and Funding (\$ Millions)**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

FY23 Current Budget YTD % Budget Expended

No activity on this project in this quarter.

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$0.02
DC Dedicated Funding	\$0.02
MD Dedicated Funding	\$0.02
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.08
Debt	
Net Accruals	
Total FY23 Expenditures	\$0.08



(CIP0084)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



# (CIP0087) Station and Facility Restoration Program

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

# **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 and breakrooms. Each Metrorail station is scheduled for restoration approximately every four years.



# **Expected Outcome**

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

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, progress includes completion of station rehabilitations - deep cleaning and refresh, not structural work - at Courthouse, Mt. Vernon Square, DuPont Circle, Silver Spring, and Brookland. Additionally, six out of the ten remaining restrooms were also completed, demonstrating continued improvements in station facilities.

FY23 Current Budget	YTD % Budget Expended
\$11.84	99%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$2.27
MD Dedicated Funding	\$2.12
VA Non-Restricted Dedicated Funding	\$1.51
VA Restricted Dedicated Funding	\$0.45
Local Subtotal	\$11.76
Debt	\$5.40
Net Accruals	(\$0.05)
Total FY23 Expenditures	\$11.71



(CIP0087)	Top 30 Active Contracts by Allocated CIP Value				CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
C20049	Herc Rentals Inc	EQUIP_MATL	\$2,000,000	\$5,860	1/11/2019	1/10/2023



# (CIP0088) Station Entrance Canopy Installation

# FY2023 Q4

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

### **Description**

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

Location: Systemwide



# **Expected 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 [FY21 target ≥92%]. Provides additional coverage for customers as they enter and exit the station.

# **Strategic Drivers**







# **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, Bethesda's construction is almost finished, with punch list items remaining. Work on modifying retaining walls at five canopy locations is ongoing through summer 2023. Additionally, efforts continued at three stairways (Bethesda, College Park, and Judiciary Square) and five canopy locations (Arlington Cemetery North and South Canopy, Judiciary Square canopy, Archives, and U St.).

FY23 Current Budget	YTD % Budget Expended
\$7.38	92%

FY23 Funding Sources	YTD Expended
Formula	\$5.13
PRIIA	
Other	
Federal Subtotal	\$5.13
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.72
MD Dedicated Funding	\$0.68
VA Non-Restricted Dedicated Funding	\$0.48
VA Restricted Dedicated Funding	\$0.14
Local Subtotal	\$2.02
Debt	\$0.00
Net Accruals	(\$0.37)
Total FY23 Expenditures	\$6.78



(CIP0088)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FMCAP21106 6	Clark Construction Group, LLC	CONSTRUCTION	\$36,109,000	\$36,109,000	1/8/2021	1/8/2026



# (CIP0099) Joint Development Program Support

### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & 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.



# **Expected Outcome**

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

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Metro continued its support for capital project coordination, compact public hearings, and planning standard updates for bus and park projects. The team also developed a financial toolkit and updated the joint development offering-solicitation template. Negotiations support for transactions remained a priority, with a focus on providing technical, legal, and real estate advisory services for joint development planning and execution.

FY23 Current Budget	YTD % Budget Expended
\$2.52	49%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$1.39
Reimbursable/Other	
DC Dedicated Funding	\$0.05
MD Dedicated Funding	\$0.05
VA Non-Restricted Dedicated Funding	\$0.03
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$1.53
Debt	
Net Accruals	(\$0.30)
Total FY23 Expenditures	\$1.23



(CIP0099)	7) Top 30 Active Contracts by Allocated CIP Value				CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CLAND21125 4-5D	Redgate Real Estate Advisors LLC	CONSULT		\$249,660	1/12/2022	1/11/2027
CQ19089-H	HR&A Advisors Inc	CONSULT		\$419,435	1/4/2019	1/2/2023
CQ19089	Jones Lang LaSalle Americas Inc	CONSULT		\$151,862	1/6/2019	1/2/2022
CLAND21125 4-5B	HR&A Advisors Inc	CONSULT		\$247,300	1/11/2022	1/11/2027
CLAND21125 4-5E (DBE)	Hayat Brown LLC	CONSULT		\$249,698	1/12/2022	1/11/2027
CLAND21125 4-5C	Jones Lang LaSalle Americas Inc	CONSULT		\$249,917	1/11/2022	1/11/2027



# (CIP0101) Internal Compliance Capital Management Support

# FY2023 Q4

Initiative Type: Program
Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

# **Description**

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



# **Expected Outcome**

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

# **Strategic Drivers**





# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continuous support for the performance of internal audit and oversight of capital program.

FY23 Current Budget	YTD % Budget Expended
\$1.65	59%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.80
Reimbursable/Other	
DC Dedicated Funding	\$0.10
MD Dedicated Funding	\$0.09
VA Non-Restricted Dedicated Funding	\$0.07
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$1.08
Debt	
Net Accruals	(\$0.11)
Total FY23 Expenditures	\$0.97



(CIP0101)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
CINCP211174 -W02	Ernst & Young US LLP	CONSULT	\$4,743,904	\$1,200,000	1/9/2021	1/9/2023



# (CIP0102) Police District III Substation

### FY2023 Q4

Mode:

Location:

Initiative Type: Project Investment Program: MTPD

Investment Category: Business & Operations Support

### **Description**

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

# Fort Toltes

# **Expected 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 [FY21 target of ≤177 customer injuries], the Metrobus customer injury rate performance indicator [FY21 target of ≤154 customer injuries] and the rate of crimes against passengers performance indicator [FY21 target of ≤840 crimes].

# **Strategic Drivers**







# **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

The facility's interior demolition is fully complete, and progress has been made in structural and light framing. To expedite the process and avoid material delivery lead time, WMATA will utilize its own IT equipment. The project is now on track to be completed this winter.

# **Budget and Funding (\$ Millions)**

Systemwide

Maryland

FY23 Current Budget	YTD % Budget Expended
\$1.63	316%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$4.72
Debt	\$4.72
Net Accruals	\$0.42
Total FY23 Expenditures	\$5.14



(CIP0102)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



# (CIP0127) Transit Police Support Equipment

# FY2023 Q4

Initiative Type: Program
Investment Program: MTPD

Investment Category: Business & Operations Support

### **Description**

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

Mode: Systemwide Location: Systemwide



# **Expected Outcome**

Supports the security of Metro's passengers and employees by equipping MTPD.

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, progress continued in the protective equipment acquisition. The team received helmets, shields, respiratory devices, and batons in May and June. Access control and backroom infrastructure design are still pending and will be shifted to FY24 for completion.

FY23 Current Budget	YTD % Budget Expended
\$1.18	129%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.59
MD Dedicated Funding	\$0.55
VA Non-Restricted Dedicated Funding	\$0.39
VA Restricted Dedicated Funding	\$0.12
Local Subtotal	\$1.92
Debt	\$0.28
Net Accruals	(\$0.41)
Total FY23 Expenditures	\$1.52



(CIP0127)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FMTPD23320 1	Axon Enterprise, Inc.	EQUIP_MATL	\$4,796,250	\$959,250	1/12/2022	1/10/2027
C20208	Safeware Inc	EQUIP_MATL	\$4,628,865	\$845,724	1/6/2020	1/9/2023
CMTPD23313 5	Axon Enterprise, Inc.	EQUIP_MATL	\$1,786,125	\$1,786,125	1/12/2022	1/12/2027
CQ19120R	Safeware Inc	EQUIP_MATL	\$1,696,032	\$384,004	1/12/2018	1/9/2023



# (CIP0131) Capital Program Financing Support

# FY2023 Q4

Initiative Type: Program Investment Program: Support Equipment/Services Investment Category: Business & 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.



# **Expected Outcome**

Provides Metro access to borrowing to finance the capital program.

# **Strategic Drivers**





Reliability/SGR

# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

This project is used to support finance costs for WMATA's line of credit, when use of the line of credit is required to support the cash-on-hand needs of the Authority.

FY23 Current Budget	YTD % Budget Expended
\$0.62	93%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.58
Debt	\$0.58
Net Accruals	
Total FY23 Expenditures	\$0.58



(CIP0131)		ī	op 30 Active	Contracts b	y Allocated C	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
CQ19224	SS&C Technologies, Inc.	OTHER	\$385,000	\$175,000	1/8/2019	1/8/2022



# (CIP0132) Escalator and Elevator Overhaul Program

### FY2023 Q4

Initiative Type: Program

Investment Program: Vertical Transportation

Investment Category: Stations and Passenger Facilities

### **Description**

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

Mode: Rail

Location: Systemwide



# **Expected Outcome**

Maintains elevators and escalators in a state of good repair to preserve availability as measured by the Elevator Availability key performance indicator [FY21 target ≥97%] and the Escalator Availability key performance indicator [FY21 target ≥92%].

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, 60 out of 260 brakeboards were delivered, and plans were made to add 40 more. The speed reducers contract is nearing completion, pending final payment, with 34 units already delivered. A new program called the Escalator and Elevator Water Intrusion Program was initiated, resulting in ramp-up expenses to prepare for future work.

FY23 Current Budget	YTD % Budget Expended
\$11.60	55%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.26
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$6.28
Debt	\$6.03
Net Accruals	\$0.07
Total FY23 Expenditures	\$6.35



(CIP0132) Top 30 Active Contracts by Allocated				CIP Value		
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19258	Elevator Cable & Supply Corporation	EQUIP_MATL	\$4,292,820	\$4,270,320	1/8/2019	1/8/2022
FQ19064-A	Precision Escalator Products	EQUIP_MATL	\$4,026,250	\$3,821,600	1/3/2019	1/3/2022
F20234	Elevator Cable & Supply Corporation	EQUIP_MATL	\$3,108,780	\$3,108,780	1/12/2020	1/12/2023
CELES211082 -A	Glebe Electronics Inc	EQUIP_MATL	\$402,981	\$375,374	1/1/2021	1/1/2024
CIRPG23009	Potomac Construction Co Inc	CONSTRUCTION	\$241,635	\$241,635	1/5/2023	1/7/2023



### (CIP0133) Train Detection and Warning System

### FY2023 Q4

Mode:

Location:

Rail

Initiative Type: Project

Investment Program: Signals & Communications

Investment Category: Rail Systems

### **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.



### **Expected 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 Drivers







### **Overall Status**

Development & Evaluation	
Implementation & Construction	O
Operations Activation	

Project is in closeout.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.62
MD Dedicated Funding	\$0.58
VA Non-Restricted Dedicated Funding	\$0.42
VA Restricted Dedicated Funding	\$0.12
Local Subtotal	\$1.75
Debt	\$0.01
Net Accruals	(\$0.14)
Total FY23 Expenditures	\$1.61



(CIP0133) Top 30 Active Contracts by Allocated CIP Value					CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ18033I	AECOM-STV JV	CONSULT	\$70,000,000	\$100,000	1/7/2018	1/6/2025



### (CIP0136) Radio Infrastructure Replacement

### FY2023 Q4

Initiative Type: Project Mode: Rail

Investment Program: Signals & Communications Location: Systemwide

Investment Category: Rail Systems

### **Description**

This project replaces Metro's existing 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.



### **Expected 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 option.

### **Strategic Drivers**





### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, Metro made progress in the radio system upgrades. Construction continued on four above ground antenna sites to further support the enhanced system. Additionally, testing and installation activities were ongoing on the 7K, 2/3K, and non-revenue rail cars, ensuring the smooth integration of the new radio equipment.

FY23 Current Budget	YTD % Budget Expended		
\$33.47	104%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$12.99
Other	
Federal Subtotal	\$12.99
System Performance	\$0.11
Reimbursable/Other	\$0.41
DC Dedicated Funding	\$8.12
MD Dedicated Funding	\$7.60
VA Non-Restricted Dedicated Funding	\$5.42
VA Restricted Dedicated Funding	\$1.61
Local Subtotal	\$23.84
Debt	\$0.57
Net Accruals	(\$2.14)
Total FY23 Expenditures	\$34.68



(CIP0136)			Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ15000	Motorola Solutions Inc.	CONSTRUCTION	\$203,750,790	\$42,479	1/12/2016	1/12/2022
FQ18050 (E)	Anixter Wire And Cable	EQUIP_MATL		\$1,609,200	1/4/2018	1/4/2023



### (CIP0139) Safety Audit Recommendations

### FY2023 Q4

Mode:

Location:

Rail

Project Initiative Type:

Investment Program: Signals & Communications

Investment Category: Rail Systems

Description



### **Expected Outcome**

### **Strategic Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

Project completed.

FY23 Current Budget	YTD % Budget Expended
\$1.78	3%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.02
Reimbursable/Other	
DC Dedicated Funding	\$0.01
MD Dedicated Funding	\$0.01
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.05
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.05



(CIP0139)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



### (CIP0142) Rail Vehicle Preventive Maintenance

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Maintenance/Overhaul Investment Category: Railcar and Railcar Facilities

### **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.

### **Expected 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 [FY21 ≥15,000 miles between failure].

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continuous support of the annual preventive maintenance activities of the railcar fleet.

FY23 Current Budget	YTD % Budget Expended
\$59.00	100%

FY23 Funding Sources	YTD Expended
Formula	\$52.85
PRIIA	
Other	
Federal Subtotal	\$52.85
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.03
MD Dedicated Funding	\$0.03
VA Non-Restricted Dedicated Funding	\$0.02
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.09
Debt	
Net Accruals	\$6.07
Total FY23 Expenditures	\$59.00



(CIP0142)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



### (CIP0143) Bus Vehicle Preventive Maintenance

### FY2023 Q4

Initiative Type: Program

Investment Program: Maintenance/Overhaul

Investment Category: Bus, Bus Facilities & Paratransit

### **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. Mode: Bus

Location: Systemwide



### **Expected 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 [FY21 target ≥7,000 miles between failures].

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continuous support of the annual preventive maintenance activities of the Bus fleet.

FY23 Current Budget	YTD % Budget Expended
\$1.00	100%

FY23 Funding Sources	YTD Expended
Formula	\$1.00
PRIIA	
Other	
Federal Subtotal	\$1.00
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$1.00



(CIP0143)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



### (CIP0145) Facility Security Monitoring Equipment Program

### FY2023 Q4

Mode:

Initiative Type: Program Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

### **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.

# Location: Systemwide

Systemwide



### **Expected 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 [FY21 target of ≤1.40 injuries per million passengers] and the rate of crimes against passengers performance indicator [FY21 target of ≤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.

### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, progress was made in the NoMa Galludet Closed Circuit TV project, reaching 58% completion. Additionally, One Badge Phase 2 is anticipated to be completed by the end of Q2 FY2024. The award for Pennsy Dr. and Brentwood Energy Storage System upgrades is anticipated in Q3 FY2024.

### **Strategic Drivers**







FY23 Current Budget	YTD % Budget Expended
\$15.56	102%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.02
Reimbursable/Other	
DC Dedicated Funding	\$5.16
MD Dedicated Funding	\$4.83
VA Non-Restricted Dedicated Funding	\$3.45
VA Restricted Dedicated Funding	\$1.02
Local Subtotal	\$14.48
Debt	
Net Accruals	\$1.33
Total FY23 Expenditures	\$15.81



(CIP0145)		7	op 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FATOC222351 - C	James Electrical Control Inc	CONSTRUCTION	\$10,000,000	\$190,536	1/2/2023	1/2/2028



### (CIP0150) Support Facility Fire System Rehabilitation

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

### Description

This project upgrades fire alarm and electronic security systems at support facilities including bus garages, railyards, and administrative buildings.

# FIRE ALARN BREAK ASS PULL DWN

### **Expected Outcome**

Improves compliance with 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 Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Work began on the Pennsy Drive project in June and in May for the New Carrollton Rail Yard project. Both locations have a planned period of performance of 12 months.

FY23 Current Budget	YTD % Budget Expended
\$10.55	7%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$0.03
Other	
Federal Subtotal	\$0.03
System Performance	\$0.00
Reimbursable/Other	
DC Dedicated Funding	\$0.20
MD Dedicated Funding	\$0.19
VA Non-Restricted Dedicated Funding	\$0.13
VA Restricted Dedicated Funding	\$0.04
Local Subtotal	\$0.56
Debt	
Net Accruals	\$0.12
Total FY23 Expenditures	\$0.72



(CIP0150)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



### (CIP0151) Rail Station Cooling Rehabilitation Program

### FY2023 Q4

Mode:

Location:

Rail

Systemwide

Initiative Type: Program

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

### **Description**

This program rehabilitates and replaces 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.



### **Expected Outcome**

Supports customer and employee comfort during hot days.

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Metro made progress in the rehabilitation and improvement of facilities at Rosslyn and L'Enfant Plaza. The construction contract was awarded in May, and the Notice to Proceed (NTP) is scheduled for July. Until the cooling season begins, only miscellaneous work will be undertaken. Initially planned to be completed in phases, the timeline has been accelerated to complete all work in one phase.

FY23 Current Budget	YTD % Budget Expended
\$9.81	19%

FY23 Funding Sources	YTD Expended
Formula	\$0.98
PRIIA	
Other	
Federal Subtotal	\$0.98
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.04
MD Dedicated Funding	\$0.04
VA Non-Restricted Dedicated Funding	\$0.03
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.86
Debt	\$0.74
Net Accruals	\$0.00
Total FY23 Expenditures	\$1.83



(CIP0151)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FRBIR222323 -KB	Paramount Mechanical Corp	CONSTRUCTION	\$16,618,301	\$16,618,301	1/6/2023	1/7/2025



### (CIP0152) Parking Garage and Surface Lot Rehabilitation

### FY2023 Q4

Initiative Type: Program

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

### **Description**

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

Mode: Rail Location: Systemwide



### **Expected Outcome**

Allows parking facilities to be maintained in a state of good repair to prevent property damage, improve the customer experience, improve customer safety as measured by the Metrorail customer injury rate performance indicator [FY21 target of ≤177 injuries].

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Metro continued its progress in Q4, with Wheaton garage rehab nearly complete, including work on the pedestrian bridge anticipated to be completed in Fall 2023. Construction started at Addison Road garage to address structural issues with a modification pending approval. Anacostia worksite was completed, while New Carrollton's project progressed to 10% completion. Design plans for Shady Grove garage were 90% complete, construction scheduled for spring 2024. Designs for surface lots at Hyattsville Crossing, Morgan Blvd, Twinbrook, and Vienna reached 70% completion, with construction planned for spring 2024.

FY23 Current Budget	YTD % Budget Expended
\$13.54	154%

FY23 Funding Sources	YTD Expended
Formula	\$13.16
PRIIA	
Other	
Federal Subtotal	\$13.16
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$2.55
MD Dedicated Funding	\$2.38
VA Non-Restricted Dedicated Funding	\$1.70
VA Restricted Dedicated Funding	\$0.50
Local Subtotal	\$7.80
Debt	\$0.67
Net Accruals	(\$0.15)
Total FY23 Expenditures	\$20.81



(CIP0152)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19151R-A	Atlantic Refinishing & Restoration Inc	CONSTRUCTION	\$17,478,208	\$382,664	1/10/2021	1/8/2025
FQ18064	Concrete Protection & Restoration, Inc.	CONSTRUCTION	\$14,761,219	\$922,750	1/8/2018	1/3/2022
FLAND211142	OTAS Inc	3RD_PARTY	\$6,779,769	\$6,779,769	1/9/2021	1/9/2023
FQ19151R-B	Stillwater Construction Group	CONSTRUCTION	\$6,565,464	\$347,307	1/10/2021	1/8/2025
FQ16036-E	W M Schlosser Co Inc	CONSTRUCTION	\$6,166,000	\$465,737	1/10/2018	1/10/2022
FQ19138	Metro Paving Corporation	CONSTRUCTION	\$5,790,189	\$11,580,379	1/12/2020	1/8/2022



### (CIP0170) Facility Roof Rehabilitation and Replacement

### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

### **Description**

This program supports facility roof rehabilitation and replacement including the preparation of assessment reports, sampling, removal, and installation of new roofing systems. Metro has over 600 locations that need to be maintained in a state of good repair.



### **Expected Outcome**

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

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the roof and skylight replacement projects continued to make progress. At the Glenmont bus bay canopy, the replacement work restarted with completion anticipated in Summer 2023. The power facilities project has started, with work completed at Falls Church Station and ongoing at Vienna Station. New Carrollton Yard roof replacement is 80% complete, and skylight replacement is scheduled for installation in August after delivery in July.

FY23 Current Budget	YTD % Budget Expended
\$12.14	57%

FY23 Funding Sources	YTD Expended
Formula	\$4.46
PRIIA	
Other	
Federal Subtotal	\$4.46
System Performance	\$0.04
Reimbursable/Other	
DC Dedicated Funding	\$0.42
MD Dedicated Funding	\$0.39
VA Non-Restricted Dedicated Funding	\$0.28
VA Restricted Dedicated Funding	\$0.08
Local Subtotal	\$3.84
Debt	\$2.63
Net Accruals	(\$1.40)
Total FY23 Expenditures	\$6.90



(CIP0170) Top 30 Active Contracts by Allocated CIP Value					CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ19021D	Trumble Construction Inc	CONSTRUCTION	\$4,000,000	\$124,912	1/9/2019	1/9/2024



### (CIP0185) Escalator Replacement

### FY2023 Q4

Initiative Type: Program

Investment Program: Vertical Transportation

Investment Category: Stations and Passenger Facilities

### Description

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

Mode: Rail

Location: Systemwide



### **Expected 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 [FY21 target ≥92%]. In addition, modernized units are as much as 30% more energy efficient than the old units.

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

During Q4, eight units were successfully completed at various locations, including Metro Center, Silver Spring, Union Station, Farragut North, Tenleytown, Potomac Ave., and Benning Road. Additionally, one replacement at Dunn Loring was scheduled. So far, Metro has completed 56 out of 130 replacements in the contract.

FY23 Current Budget	YTD % Budget Expended	
\$18.50	230%	

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$16.31
Other	
Federal Subtotal	\$16.31
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.72
MD Dedicated Funding	\$0.67
VA Non-Restricted Dedicated Funding	\$0.48
VA Restricted Dedicated Funding	\$0.14
Local Subtotal	\$26.30
Debt	\$24.29
Net Accruals	\$0.01
Total FY23 Expenditures	\$42.61



(CIP0185)	P0185) Top 30 Active Contracts by Allocated CIP Value					CIP Value
Contract Number	Vendor	Activity	Contract Value		Contract Start Date	Contract Expiration Date
F20064	Kone Inc	CONSTRUCTION	\$179,413,000	\$179,413,000	1/12/2020	1/12/2027



### (CIP0197) Support Facility Improvements

### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & 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.



### **Expected 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 Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

At the Carmen Turner Facility, Q4 progress included the installation of the 1st Remote Terminal Unit and work commenced on two exhaust fans. Work on data center condensing units and utilities is underway, and plans are in place to install the 2nd and 3rd Remote Terminal Units and four additional exhaust fans. The dynamometer equipment installation is ongoing. Roof repair work at the Southern Ave bus maintenance facility was in progress after asbestos and moisture testing were completed.

FY23 Current Budget	YTD % Budget Expended		
\$7.39	117%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$2.80
MD Dedicated Funding	\$2.62
VA Non-Restricted Dedicated Funding	\$1.87
VA Restricted Dedicated Funding	\$0.56
Local Subtotal	\$7.84
Debt	
Net Accruals	\$0.80
Total FY23 Expenditures	\$8.65



(CIP0197) Top 30 Active Contracts by Allocated CIP Va			CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
CIRPG211139	W M Schlosser Co Inc	CONSTRUCTION	\$7,688,000	\$7,688,000	1/4/2022	1/3/2024



### (CIP0204) Railcar Rooftop Access Platform

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Project

Investment Program: Maintenance Facilities
Investment Category: Railcar and Railcar Facilities

### **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.



### **Expected Outcome**

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

### **Strategic Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continuous support for the performance of internal audit and oversight of capital program.

FY23 Current Budget	YTD % Budget Expended		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.08
MD Dedicated Funding	\$0.08
VA Non-Restricted Dedicated Funding	\$0.06
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$0.24
Debt	
Net Accruals	(\$0.60)
Total FY23 Expenditures	(\$0.37)



(CIP0204)			op 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
C20069	Steven Goodrich/City Construction LLC	CONSTRUCTION	\$4,133,914	\$4,133,914	1/12/2020	1/1/2022



### (CIP0212) Sustainability/Resiliency Program

### FY2023 Q4

Initiative Type: Program
Investment Program: Support Equipment/Services
Investment Category: Business & 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.



### **Expected Outcome**

Identify 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 Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No significant deliverables were reported for Q4. However, there were ongoing procurements for a feasibility analysis of a customer EV charging program and a sustainability bench contract. Additionally, a procurement process was initiated in March 2023 to hire a consultant for advising on an authority-wide decarbonization strategy.

FY23 Current Budget	YTD % Budget Expended		
\$3.19	74%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$2.12
Reimbursable/Other	
DC Dedicated Funding	\$0.08
MD Dedicated Funding	\$0.07
VA Non-Restricted Dedicated Funding	\$0.05
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$2.33
Debt	
Net Accruals	\$0.02
Total FY23 Expenditures	\$2.35



(CIP0212)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ18033H	AECOM, USA, INC.	CONSULT	\$12,500,000	\$705,068	1/8/2018	1/8/2023
C20102A	AECOM, USA, INC.	CONSULT	\$2,239,138	\$313,490	1/10/2020	1/9/2023
CTRST22034	Robel North America Corp	EQUIP_MATL	\$502,212	\$98,344	1/9/2022	1/12/2022



### (CIP0213) Capital Program Development Support

### FY2023 Q4

Initiative Type: Program
Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

### **Description**

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



### **Expected Outcome**

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

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Metro, supported by staff augmentation contractors, continues to work on capital program communications content, templates, reports & assets.

FY23 Current Budget	YTD % Budget Expended
\$21.60	129%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$25.00
Reimbursable/Other	
DC Dedicated Funding	\$0.67
MD Dedicated Funding	\$0.63
VA Non-Restricted Dedicated Funding	\$0.45
VA Restricted Dedicated Funding	\$0.13
Local Subtotal	\$28.17
Debt	\$1.28
Net Accruals	(\$0.25)
Total FY23 Expenditures	\$27.92



(CIP0213)			Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ15190A	AECOM, USA, INC.	CONSULT	\$30,500,000	\$17,176,509	1/3/2018	1/12/2023
CCPPM23008	WSP USA Inc.	CONSULT	\$6,013,766	\$6,013,766	1/6/2023	1/6/2026



### (CIP0218) Metrorail Station Improvements

### FY2023 Q4

Initiative Type: Program

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

### **Description**

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

Mode: Rail

Location: Systemwide



### **Expected 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 [FY21 target of ≤177 injuries]. Prevents crime and increases the security of employees and customers by ensuring station entry gates are functional.

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The design phase for the replacement of swing gates at WMATA rail stations has commenced and is ongoing. The implementation effort will be divided into five separate packages totalling six entrances.

FY23 Current Budget	YTD % Budget Expended		
\$1.00	25%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.03
MD Dedicated Funding	\$0.03
VA Non-Restricted Dedicated Funding	\$0.02
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.08
Debt	
Net Accruals	\$0.17
Total FY23 Expenditures	\$0.25



(CIP0218)	(CIP0218) Top 30 Active Contracts by Allocated CIP Value					CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ19172Q	CSI Engineering P C	ENGINEERING	\$1,400,000	\$867,271	1/10/2019	1/1/2025



### (CIP0219) Rail Station Lighting Improvements

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

### **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.

# Before Foggy Bottom After Metro Center

### **Expected Outcome**

Provides lighting to improve customer and employee safety and security as measured by the Metrorail customer injury rate performance indicator [FY21 target of ≤177 injuries], and the rate of crimes against passengers performance indicator [FY21 target of ≤840 crimes]. In addition, newer lights are more efficient and reduce Metro's energy consumption.

### **Strategic Drivers**





### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The Escalator Incline Lighting Phase I is nearly complete, with the contractor addressing remaining punch list items. Station lighting improvements are finished and in the closeout process. Platform Edge Lighting progress is ongoing, with a rail service adjustment approved for Ft. Totten in July. Site Lighting Replacement at Takoma has started mobilization, focusing on temporary lighting as fixtures have a long lead time.

FY23 Current Budget	YTD % Budget Expended
\$19.12	29%

FY23 Funding Sources	YTD Expended
Formula	\$1.03
PRIIA	
Other	
Federal Subtotal	\$1.03
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.32
MD Dedicated Funding	\$0.30
VA Non-Restricted Dedicated Funding	\$0.21
VA Restricted Dedicated Funding	\$0.06
Local Subtotal	\$1.69
Debt	\$0.80
Net Accruals	\$2.77
Total FY23 Expenditures	\$5.50



(CIP0219)			Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FRSMP22212 2	Aldridge Electric Inc	CONSTRUCTION	\$50,210,333	\$50,210,333	1/2/2023	1/2/2026
FATOC222351 - A	Aldridge Electric Inc	CONSTRUCTION	\$10,000,000	\$482,365	1/2/2023	1/2/2028



### (CIP0220) Bus Planning Studies Program

### FY2023 Q4

Initiative Type: Program

Investment Program: Passenger Facilities/Systems Investment Category: Bus, Bus Facilities & Paratransit

### **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.

Mode: Bus

Location: Systemwide



### **Expected Outcome**

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

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The Bus Right of Way Safety & Design project advanced, nearing completion with a projected closeout this summer. Additionally, Metro approved a new Task Order for the Bus Ops Restroom and Breakroom Facilities study, which is set to be conducted in FY2024. Future anticipated work includes evaluation of the optimal locations for bus terminal facilities away from WMATA property and rail stations.

FY23 Current Budget	YTD % Budget Expended
\$1.23	57%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.01
MD Dedicated Funding	\$0.01
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.81
Debt	\$0.78
Net Accruals	(\$0.11)
Total FY23 Expenditures	\$0.70



(CIP0220)	Top 30 Active Contracts by Allocated CIP Value			CIP Value		
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
C20102L	WSP USA Inc.	PLANNING	\$2,062,556	\$463,949	1/10/2020	1/9/2023



#### (CIP0221) Bus Customer Facility Improvements

#### FY2023 Q4

Initiative Type: Program

Investment Program: Passenger Facilities/Systems Investment Category: Bus, Bus Facilities & Paratransit

#### **Description**

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

#### Mode: Bus

Location: Systemwide



#### **Expected 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 Drivers**





#### Safety

Security

Reliability/SGR

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The customer electronic information displays project for better customer communicatiosn at bus stops continued, with ongoing fabrication, installation, and software upgrades. Replacement bus shelters at College Park station were under construction.

FY23 Current Budget	YTD % Budget Expended
\$24.26	22%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
. Reimbursable/Other	
DC Dedicated Funding	\$0.31
MD Dedicated Funding	\$0.29
VA Non-Restricted Dedicated Funding	\$0.21
VA Restricted Dedicated Funding	\$0.06
Local Subtotal	\$5.32
Debt	\$4.45
Net Accruals	(\$0.07)
Total FY23 Expenditures	\$5.25



(CIP0221)			Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19273D	ADP Consultants, Inc.	CONSTRUCTION	\$2,940,484	\$2,104,620	1/9/2020	1/4/2023
FQ19273C	Wycliffe Technologies, Inc.	CONSTRUCTION	\$120,781	\$32,961	1/4/2020	1/4/2023



#### (CIP0225) Heavy Repair and Overhaul Facility

#### FY2023 Q4

Initiative Type: Project
Investment Program: Maintenance Facilities
Investment Category: Railcar and Railcar Facilities

Mode: Rail Location: Maryland

#### **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 functions are split between Brentwood and Greenbelt Rail Yards.



#### **Expected 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 Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4 FY2023, Metro continued negotiations to reach an agreed Guaranteed Maximum Price for the project. Metro is working with the contractor to develop a mutally acceptable path forward.

FY23 Current Budget	YTD % Budget Expended		
\$69.76	12%		

FY23 Funding Sources	YTD Expended
Formula	\$6.87
PRIIA	
Other	
Federal Subtotal	\$6.87
System Performance	\$0.01
Reimbursable/Other	
DC Dedicated Funding	\$0.02
MD Dedicated Funding	\$0.02
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$1.39
Debt	\$1.33
Net Accruals	(\$0.03)
Total FY23 Expenditures	\$8.23



(CIP0225) Top 30 Active Contracts by Allocated CIP Value			CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ15190B	HNTB Corporation	CONSULT		\$355,491	1/3/2018	1/3/2023



## (CIP0231) Good Luck Road Facility

#### FY2023 Q4

Initiative Type: Project

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

Description

Mode: Systemwide

Location:



#### **Expected Outcome**

#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

No activity on this project in this quarter.

FY23 Current Budget	YTD % Budget Expended		
\$2.17	3%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.02
Reimbursable/Other	
DC Dedicated Funding	\$0.10
MD Dedicated Funding	\$0.10
VA Non-Restricted Dedicated Funding	\$0.07
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$0.31
Debt	
Net Accruals	(\$0.24)
Total FY23 Expenditures	\$0.07



(CIP0231)			Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19273A	Consolidated Construction & Engineering	CONSTRUCTION	\$500,000	\$47,784	1/4/2020	1/4/2023



#### (CIP0241) Flood Resiliency Infrastructure Upgrades

#### FY2023 Q4

Mode:

Location:

Rail

Systemwide

Initiative Type: Project

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

#### **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 mitigations to protect stations from flood waters entering into the rail system.

#### **Expected Outcome**

Reduces disruption to revenue service and increases passenger safety. Mitigates risk of fire, smoke, and other incidents caused by water intrusion into Metrorail tunnels and stations. Measured by the following performance indicators: Rail Infrastructure Availability performance indicator [FY21 target  $\leq$ 7.9% of track under performance restrictions] and fire incidents performance indicator [FY21 target of  $\leq$  66 incidents annually]. Protects infrastructure and equipment, reducing frequency and cost of repairs and replacements.

#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Phase I of the Flood Emergency Response Plan was completed in Q4, and Phase II design services will continue at eight locations to finalize proposed improvements. Two new sites were identified, requiring both Phase I and Phase II tasks to provide 100% design for a total of 10 sites. This effort aims to enhance flood mitigation solutions for these stations and addresses flooding issues at 18 underground utility locations.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.33
MD Dedicated Funding	\$0.31
VA Non-Restricted Dedicated Funding	\$0.22
VA Restricted Dedicated Funding	\$0.07
Local Subtotal	\$0.94
Debt	
Net Accruals	\$0.04
Total FY23 Expenditures	\$0.97



(CIP0241)			Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19172D	Jacobs Engineering Group, Inc.	ENGINEERING	\$3,500,000	\$958,890	1/10/2019	1/10/2024



#### (CIP0242) Rail System Drainage Rehabilitation Program

#### FY2023 Q4

Initiative Type: Program

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

#### **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.

Mode: Rail

Location: Systemwide



#### **Expected 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 [FY21 target ≤7.9% 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 Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the replacement of drainage pumping stations and discharge line piping continued across the WMATA system. Closeout activities were in progress at the Wheaton and Federal Triangle worksites. At Medical Center, Silver Spring, and Metro Center worksites, work was ongoing. Demolition work has begun on the Wheaton system.

FY23 Current Budget	YTD % Budget Expended		
\$13.29	115%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.06
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$16.00
Debt	\$15.94
Net Accruals	(\$0.66)
Total FY23 Expenditures	\$15.35



(CIP0242) Top 30 Active (			Contracts b	y Allocated (	CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FIRPG211167	M & M Welding & Fabricators Inc	CONSTRUCTION	\$26,800,200	\$10,814,518	1/9/2021	1/9/2024



#### (CIP0246) General Engineering

#### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Fixed Rail

Investment Category: Track and Structures Rehabilitation

#### **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 priority issues identified by Metro's engineers.



#### **Expected Outcome**

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

#### **Strategic Drivers**







**Overall Status** 

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, bridge inspections were ongoing, with continued staff augmentation support. Progress was made on bridge load rating reports, with 26 approved and 102 in progress. The contractor is onboarding additional staff to provide more support.

FY23 Current Budget	YTD % Budget Expended		
\$12.92	185%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$21.97
Reimbursable/Other	
DC Dedicated Funding	\$0.45
MD Dedicated Funding	\$0.42
VA Non-Restricted Dedicated Funding	\$0.30
VA Restricted Dedicated Funding	\$0.09
Local Subtotal	\$23.23
Debt	
Net Accruals	\$0.64
Total FY23 Expenditures	\$23.86



(CIP0246)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CENGA21123 5	DLT Solutions, LLC	IT_SOFTWARE_OT	\$510,484	\$510,484	1/6/2021	1/6/2024
FQ19172R	KGP Design Studio LLC.	ENGINEERING	\$300,000	\$236,881	1/10/2019	1/10/2024
FQ19172KGP	KGP Design Studio LLC	ENGINEERING	\$300,000	\$289,596	1/10/2019	1/10/2024
CENGA23308 3	IHS Global Inc	IT_SOFTWARE_OT H	\$145,872	\$145,872	1/12/2022	1/12/2023



#### (CIP0247) Emergency Construction and Emerging Needs Program

#### FY2023 Q4

Mode: Initiative Type: Program

Investment Program: Fixed Rail

Investment Category: Track and Structures Rehabilitation

#### **Description**

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

#### **Expected Outcome**

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

#### **Strategic Drivers**

Rail

Location: Systemwide







Safety

Security

Reliability/SGR

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the Addison Rd and Vienna fire alarm installations were completed. The Rosslyn egress project, including bollards, reached 100% completion. The Shady Grove water intrusion project is being re-solicited, pushing estimated completion time to the fall. The ongoing Track ID signage project also experienced delays and is now anticipating completion in the fall as well.

FY23 Current Budget	YTD % Budget Expended		
\$50.50	8%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.50
MD Dedicated Funding	\$0.47
VA Non-Restricted Dedicated Funding	\$0.33
VA Restricted Dedicated Funding	\$0.10
Local Subtotal	\$4.17
Debt	\$2.77
Net Accruals	(\$0.20)
Total FY23 Expenditures	\$3.97



(CIP0247)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



#### (CIP0251) Automatic Train Control State of Good Repair

#### FY2023 Q4

Initiative Type: Program Mode:

Investment Program: Signals & Communications Location: Systemwide

Investment Category: Rail Systems

#### **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.



#### **Expected 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 [FY21 target ≤7.9% of track under performance restrictions] and the Metrorail customer injury rate performance indicator [FY21 target of ≤177 customer injuries] and prevent potential safety issues.

#### **Strategic Drivers**

Rail







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the Grade of Automation Level 2 project's timeline for the Red Line shifted to Q1 FY2024, while other lines are targeted for Q2 FY2024. The Automatic Train Control State of Good Repair program is progressing on schedule with Integrated Testing on the Red Line. The Train Control Room Renewal project has recieved approval of the main design package, design quality management plan, and preliminary hazard analysis. Several hardware submittals and training plans were also approved. Additionally, various components, such as switch machines and cables, were successfully replaced or tested.

FY23 Current Budget	YTD % Budget Expended
\$71.01	104%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$36.89
Other	
Federal Subtotal	\$36.89
System Performance	\$0.21
Reimbursable/Other	
DC Dedicated Funding	\$2.56
MD Dedicated Funding	\$2.40
VA Non-Restricted Dedicated Funding	\$1.71
VA Restricted Dedicated Funding	\$0.51
Local Subtotal	\$33.87
Debt	\$26.48
Net Accruals	\$3.40
Total FY23 Expenditures	\$74.17



#### (CIP0251) **Top 30 Active Contracts by Allocated CIP Value Allocated Contract** Contract Contract Contract Vendor **Activity Number** Value **CIP Value Start Date Expiration Date** FQ18134 M.C. Dean, Inc. CONSTRUCTION \$26,215,000 \$26,215,000 1/1/2019 1/12/2023 FQ18050 (A) Prysmian Group EQUIP\_MATL \$8,008,729 \$2,212,200 1/4/2018 1/4/2023 Specialty Cables LLC HITACHI Rail STS USA, FSSRP22218 CONSTRUCTION 1/5/2022 1/5/2027 \$3,219,810 \$3,219,810 Inc. FQ18119 CONSTRUCTION 1/12/2018 1/1/2022 **B&C Transit Consultants** \$2,611,145 \$2,611,145 Inc. FSSRP22232 Alstom Signaling Inc EQUIP\_MATL \$807,690 \$807,690 1/5/2023 1/7/2023 FQ18191 RailComm EQUIP\_MATL \$267,144 \$267,144 1/7/2018 1/7/2023 FQ19275A HITACHI Rail STS USA, EQUIP\_MATL \$432,888 1/6/2020 1/11/2022 EQUIP\_MATL 1/8/2019 1/8/2024 FQ19093 (A) Anixter Wire And Cable \$35,701



#### (CIP0252) Low Voltage Power State of Good Repair

#### FY2023 Q4

Mode:

Initiative Type: Program

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

#### **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.

# Location: Systemwide

Rail



#### **Expected 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 Metrorail station infrastructure in a state of good repair.

#### **Strategic Drivers**





#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the AC Switch Gear Room Rehab projects continued to progress. Closeout is progressing for seven stations. Additionally, work is ongoing at nine stations, with various tasks such as installing conduit and wire, preparing for ATS, and furnishing switchgear. Deliveries for 62.5Kva units have resumed, and installations for the PLC project are anticipated to begin in FY24 Q1.

FY23 Current Budget	YTD % Budget Expended		
\$32.08	49%		

FY23 Funding Sources	YTD Expended
Formula	\$11.59
PRIIA	
Other	
Federal Subtotal	\$11.59
System Performance	
Reimbursable/Other	
DC Dedicated Funding	(\$5.69)
MD Dedicated Funding	(\$5.33)
VA Non-Restricted Dedicated Funding	(\$3.80)
VA Restricted Dedicated Funding	(\$1.13)
Local Subtotal	\$5.33
Debt	\$21.27
Net Accruals	(\$1.08)
Total FY23 Expenditures	\$15.84



(CIP0252)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19218	Helix Electric Inc	CONSTRUCTION	\$27,922,244	\$16,390,602	1/10/2020	1/10/2023
FQ18050 (C)	Anixter Wire And Cable	EQUIP_MATL	\$4,000,000	\$893,057	1/4/2018	1/4/2023
CRAIL211020	A&A Transfer, Inc.	CONSTRUCTION	\$749,208	\$74,690	1/12/2020	1/12/2022
CMOWE2220 73-PG-A	Avista Realtime Systems LLC	CONSULT	\$289,125	\$289,125	1/3/2023	1/7/2023
CMOWE2101 5	Sortac Systems LLC	CONSULT	\$200,000	\$90,800	1/7/2021	1/7/2023
FQ18050 (B)	Prysmian Group Specialty Cables LLC	EQUIP_MATL		\$344,038	1/4/2018	1/4/2023
FQ18099	M.C. Dean, Inc.	EQUIP_MATL		\$1,854,780	1/3/2019	1/3/2024



#### (CIP0253) Traction Power State of Good Repair

#### FY2023 Q4

Initiative Type: Program Mode: Rail

Investment Program: Power Location: Systemwide

Investment Category: Rail Systems

#### **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.



#### **Expected Outcome**

Addresses ability to provide Metrorail service through replacement or rehabilitation of critical infrastructure that delivers propulsion power to Metrorail. Improvements decrease speed restrictions on trains, and reduce risk of safety incidents, including track fires and stray current problems, as measured by the Rail Infrastructure Availability performance indicator [FY21 target  $\leq$ 7.9% of track under performance restrictions] and the number of fire incidents performance indicator [FY21 target of  $\leq$  66 incidents annually].

# Overall Status

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

SOGR Cable Additions & Replacements installed over 11,000 LF in Q4. The project received 10 Cable Shield Monitors for equipment replacement. Continuing construction at Alexandria Yard and delivery of DC Switchgear for various stations.

#### **Strategic Drivers**







FY23 Current Budget	YTD % Budget Expended
\$42.57	170%

FY23 Funding Sources	YTD Expended
Formula	\$3.72
PRIIA	
Other	
Federal Subtotal	\$3.72
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.88
MD Dedicated Funding	\$1.76
VA Non-Restricted Dedicated Funding	\$1.25
VA Restricted Dedicated Funding	\$0.37
Local Subtotal	\$69.02
Debt	\$63.75
Net Accruals	(\$0.47)
Total FY23 Expenditures	\$72.27



(CIP0253)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FIRPG211191	C3M Power Systems, LLC	CONSTRUCTION	\$109,309,197	\$109,309,197	1/1/2022	1/12/2025
FQ19135	Mac Products Inc	EQUIP_MATL	\$1,391,378	\$452,389	1/12/2019	1/12/2022
CQ19056- COOP	Sid Tool Co Inc	EQUIP_MATL	\$1,000,000	\$46,587	1/10/2018	1/6/2023
FIT01222285- 1	Copper River Information Technology	EQUIP_MATL	\$823,950	\$735,670	1/7/2022	1/8/2022
FQ17101A	Relay & Power Systems	EQUIP_MATL	\$331,948	\$105,602	1/5/2018	1/6/2023
F20046	EL Tex Industries, Inc.	EQUIP_MATL	\$149,535	\$149,535	1/11/2020	1/11/2022
FIRPG211014	C3M Power Systems, LLC	CONSTRUCTION		\$4,155,000	1/2/2021	1/2/2022



#### (CIP0254) Bus Priority Program Development

#### FY2023 Q4

Mode:

Bus

Location: Systemwide

Initiative Type: Program

Investment Program: Passenger Facilities/Systems Investment Category: Bus, Bus Facilities & Paratransit

#### **Description**

The Bus Priority Program aims to improve bus service and equity by allowing buses to travel smoothly and efficiently with the aid of new technology and intelligent roadway design. This program plans and implements new initiatives and technology to advance bus priority strategies.

# Cellular Antenna Anten

#### **Expected 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. The development of this program will improve bus operating speeds and reliability for improved rider experience, environmental sustainability, and financial stewardship

#### **Strategic Drivers**





#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	$\bigcirc$

The Transit Signal Priority and Tactical Bus Lanes projects are progressing through the soliciation process. The Clear Lanes program equipment installations completion was shifted to FY24, with 106 buses installed with Clear Lanes equipment. On-street acceptance testing was completed, and public notification began.

FY23 Current Budget	YTD % Budget Expended
\$3.57	54%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.67
MD Dedicated Funding	\$0.63
VA Non-Restricted Dedicated Funding	\$0.45
VA Restricted Dedicated Funding	\$0.13
Local Subtotal	\$1.87
Debt	
Net Accruals	\$0.06
Total FY23 Expenditures	\$1.93



(CIP0254)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
COBTR22215 5-BTK	Hayden Al Technologies Inc	EQUIP_MATL	\$2,856,800	\$2,856,800	1/1/2023	1/1/2025
COBTR22208 4	Mead and Hunt Inc	CONSULT	\$428,425	\$427,525	1/12/2021	1/12/2023



#### (CIP0255) Fare Collection Modernization

#### FY2023 Q4

Mode:

Location:

Initiative Type: Project
Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

#### **Description**

This project replaces Metro's aging fare collection systems in rail stations, on Metrobuses, and upgrades the back end system that supports fare collection. The investment includes new methods for customers to pay and manage payment accounts.



#### **Expected Outcome**

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

#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Faregates were completed with a warranty payment scheduled for December. Fareboxes experienced delays during software testing, however, fareboxes were installed in 10 buses. Upgrade to exit fare machines is scheduled for completion by winter 2024. Fare vendors awarded the contract to Jacobs for quantification analysis.

#### **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended
\$53.56	118%

FY23 Funding Sources	YTD Expended
Formula	\$9.81
PRIIA	
Other	
Federal Subtotal	\$9.81
System Performance	\$0.17
Reimbursable/Other	
DC Dedicated Funding	\$0.08
MD Dedicated Funding	\$0.07
VA Non-Restricted Dedicated Funding	\$0.05
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$54.67
Debt	\$54.29
Net Accruals	(\$1.09)
Total FY23 Expenditures	\$63.40



#### (CIP0255) **Top 30 Active Contracts by Allocated CIP Value Allocated** Contract Contract Contract Contract Vendor **Activity Number** Value **CIP Value Start Date Expiration Date** FCPPM20021 Cubic Transportation DESIGN\_BUILD \$36,500,000 \$22,700,000 1/12/2020 1/12/2024 4-W01 Systems Inc. FQ18056 Cubic Transportation IT HARDWARE OT \$17,002,876 \$1,489,225 1/6/2018 1/9/2022 Systems Inc. CQ19236 IT SOFTWARE OT \$11,521,213 \$840,000 1/10/2019 1/9/2022 Cubic Transportation Systems Inc. 1/6/2022 CQ19016 **DESIGN BUILD** \$5,692,862 \$5,692,862 1/6/2019 Cubic Transportation Systems Inc. CCPPM21014 Hatch Associates CONSULT \$2,800,000 \$2,661,938 1/8/2021 1/8/2023 Consultants Inc CCPPM21012 Hatch Associates CONSULT \$1,900,000 \$536,929 1/7/2021 1/7/2023 Consultants Inc COBTR21120 Reflexions Data LLC CONSULT \$1,876,759 \$1,173,744 1/10/2021 1/7/2023 8-W03 F20085R Dell Marketing LP CONSULT \$1,662,265 \$1,662,265 1/5/2020 1/5/2023 Genfare LLC DESIGN BUILD 1/5/2023 COBTR23321 \$1,525,000 \$1,525,000 1/5/2028 2-09 FOBTR21127 Four Nines Technologies CONSULT \$1,171,325 \$1,171,325 1/1/2022 1/1/2027 9-W04 COBTR21003 Hatch Associates CONSULT \$1,000,000 \$892,334 1/7/2021 1/7/2023 Consultants Inc CIT01211124 **Boxboat Technologies** IT\_SOFTWARE\_OT \$65,400 \$65,400 1/1/2021 1/1/2022 DESIGN\_BUILD FQ18152 STraffic America LLC \$11,068,700 1/6/2019 1/6/2022 FQ15124\_VIV Viva USA Inc CONSULT 1/4/2016 1/10/2022 \$177,000



#### (CIP0256) 7000-Series Railcars

#### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Project

Investment Program: Acquisition

Investment Category: Railcar and Railcar Facilities

#### **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 funded by the Metropolitan Washington Airports Authority.

# Braddook Roser

#### **Expected 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 [FY21 target of ≤177 injuries] and the Rail Fleet Reliability performance indicator [FY21 ≥15,000 miles between failure].

#### **Strategic Drivers**







**Overall Status** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4 FY2023, Metro achieved the following milestones in the 7000-Series railcar project: completion of the 2-year warranty period. Software upgrades to add 5 new Silver Line stations; ATC and ATO and VMDS Destination & Code Charges Silver Line 2 are progressing.

FY23 Current Budget	YTD % Budget Expended
\$57.68	32%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$0.58
Other	\$12.38
Federal Subtotal	\$12.96
System Performance	\$1.13
Reimbursable/Other	
DC Dedicated Funding	\$0.45
MD Dedicated Funding	\$0.42
VA Non-Restricted Dedicated Funding	\$0.30
VA Restricted Dedicated Funding	\$0.09
Local Subtotal	\$10.54
Debt	\$8.15
Net Accruals	(\$5.19)
Total FY23 Expenditures	\$18.31



(CIP0256)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
C20050-A	Kawasaki Rail Car Inc	RAILCARS	\$42,240,000	\$42,240,000	1/5/2020	1/3/2022
CQ19284	Fundacion Fomento Innovacion Industrial	3RD_PARTY	\$3,102,640	\$3,102,640	1/6/2020	1/6/2025
FCENV22223 0-RLJ	Transportation Technology Center Inc	ENGINEERING	\$1,600,000	\$312,000	1/5/2022	1/12/2022
CQ18198	RemacUSA, Inc.	ENGINEERING	\$800,150	\$17,750	1/8/2018	1/8/2023



#### (CIP0257) Emergency Trip Station (ETS) Rehabilitation

#### FY2023 Q4

Mode:

Location:

Rail

Systemwide

Initiative Type: Project

Investment Program: Signals & Communications

Investment Category: Rail Systems

#### **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 box that houses the components, telephone, LED lights, and mushroom button that controls third rail power.

# **Expected 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 [FY21 target of ≤177 injuries] and the Metrorail system employee injury rate performance indicator [FY21 target of ≤3.5 per 100 employees].



**Strategic Drivers** 





#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No activity on this project in this quarter.

FY23 Current Budget	YTD % Budget Expended
\$1.40	27%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.01
Reimbursable/Other	
DC Dedicated Funding	\$0.13
MD Dedicated Funding	\$0.12
VA Non-Restricted Dedicated Funding	\$0.09
VA Restricted Dedicated Funding	\$0.03
Local Subtotal	\$0.38
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.38



(CIP0257)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



#### (CIP0258) Station and Tunnel Fire Alarm Rehabilitation

#### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

#### Description

This program upgrades fire alarm systems in Metrorail tunnels and stations.

#### **Expected 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 [FY21 target of ≤ 177 injuries] and the Metrorail system employee injury rate performance indicator [FY21 target of ≤3.5 per 100 employees].

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

During Q4, the closeout process for the 11 pilot locations was completed. Evaluations of the pilot are still ongoing, with an estimated additional 9 months for review and testing. Once the evaluation is finished, the design phase will commence for the remaining 42 locations.

#### **Strategic Drivers**







**Budget and Funding (\$ Millions)** 

FY23 Current Budget	YTD % Budget Expended
\$2.25	73%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
. Reimbursable/Other	
DC Dedicated Funding	\$0.58
MD Dedicated Funding	\$0.55
VA Non-Restricted Dedicated Funding	\$0.39
VA Restricted Dedicated Funding	\$0.12
Local Subtotal	\$1.63
Debt	
Net Accruals	\$0.02
Total FY23 Expenditures	\$1.65



(CIP0258)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



#### (CIP0259) Employee Timekeeping System

#### FY2023 Q4

Initiative Type:ProjectMode:SystemwideInvestment Program:ITLocation:Systemwide

Investment Category: Business & Operations Support

#### **Description**

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



#### **Expected Outcome**

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

#### **Strategic Drivers**





#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, all payroll-related improvements were completed, and the project is now moving into the closeout phase.

FY23 Current Budget	YTD % Budget Expended
\$1.90	9%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.18
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.18
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.18



(CIP0259)	Top 30 Active Contracts by Allocated CIP Value					
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CQ18047	NuAxis Innovations, LLC	CONSULT	\$24,553,638	\$129,043	1/2/2018	1/2/2022
CQ19054	immixTechnology Inc	IT_SOFTWARE_OT H	\$1,625,974	\$58,665	1/10/2018	1/10/2022



#### (CIP0261) Rail Tunnel Lighting Replacement

#### FY2023 Q4

Mode:

Location:

Rail

Initiative Type: Project

Investment Program: Fixed Rail

Investment Category: Track and Structures Rehabilitation

#### **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.



#### **Expected 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 Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the Rail Tunnel Lighting replacement project was successfully completed at all locations, including Grosvenor-Strathmore, Benning Road, and Stadium-Armory to Benning Road junction.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.87
MD Dedicated Funding	\$0.81
VA Non-Restricted Dedicated Funding	\$0.58
VA Restricted Dedicated Funding	\$0.17
Local Subtotal	\$4.28
Debt	\$1.85
Net Accruals	\$0.12
Total FY23 Expenditures	\$4.41



(CIP0261)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP



#### (CIP0262) Tunnel Water Leak Mitigation

#### FY2023 Q4

Mode:

Location:

Rail

Systemwide

Initiative Type: Program

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

#### Description

This program mitigates water infiltration into the Metrorail tunnel and vent shaft system.

#### **Expected 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 [FY21 target of ≤ 66 incidents annually] and the Metrorail customer on-time performance indicator [FY21 target ≥88% on-time]. Protects Metro infrastructure and equipment which reduces the frequency and cost of repairs and replacements.

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the water mitigation work continued on the Red Line segment near B08-B09, with work crews conducting drilling and grouting using waterproofing material. The updated forecast for the completion of the Red Line from X to Y is fall 2023, with work moving to other Red Line locations thereafter.

#### **Strategic Drivers**







FY23 Current Budget	YTD % Budget Expended
\$27.75	55%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$11.98
Other	
Federal Subtotal	\$11.98
System Performance	\$0.25
Reimbursable/Other	
DC Dedicated Funding	\$0.78
MD Dedicated Funding	\$0.73
VA Non-Restricted Dedicated Funding	\$0.52
VA Restricted Dedicated Funding	\$0.15
Local Subtotal	\$4.09
Debt	\$1.65
Net Accruals	(\$0.74)
Total FY23 Expenditures	\$15.33



(CIP0262)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0266) Historic Bus Loop and Facility Rehabilitation

# FY2023 Q4

Initiative Type: Project

Investment Program: Passenger Facilities/Systems Investment Category: Bus, Bus Facilities & Paratransit

# **Description**

This project rehabilitates historic bus terminals that are in failing condition and returns the terminals to a state of good repair.

### Mode: Bus

Location: District of Columbia



# **Expected 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 Drivers**







**Overall Status** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, the punch list work at the Colorado and Calvert historic bus passenger facilities continued.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.30
MD Dedicated Funding	\$0.28
VA Non-Restricted Dedicated Funding	\$0.20
VA Restricted Dedicated Funding	\$0.06
Local Subtotal	\$0.83
Debt	
Net Accruals	(\$0.20)
Total FY23 Expenditures	\$0.63



(CIP0266)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0269) Asset Management Software

# FY2023 Q4

Mode:

Initiative Type: Program
Investment Program: IT

Investment Category: Business & Operations Support

# **Description**

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

# **Expected Outcome**

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

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	$\bigcirc$

In Q4, Metro continued its digitization efforts for Railcar Maintenance and Automatic Train Control Maintenance, developing digital baselining forms and automated measurements. Bus Maintenance's asset management lifecycle plan was completed, and a transit asset condition assessment methodology will be piloted.

# **Budget and Funding (\$ Millions)**

Systemwide

Location: Systemwide

FY23 Current Budget	YTD % Budget Expended
\$1.87	118%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.82
MD Dedicated Funding	\$0.77
VA Non-Restricted Dedicated Funding	\$0.55
VA Restricted Dedicated Funding	\$0.16
Local Subtotal	\$2.30
Debt	
Net Accruals	(\$0.10)
Total FY23 Expenditures	\$2.20



(CIP0269)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0270) Capital Delivery Program Support

# FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

# **Description**

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



# **Expected Outcome**

Improves Metro's ability to plan and deliver the Capital Improvement Program. This improves Metro's financial responsibility and supports state of good repair efforts.

# **Strategic Drivers**





# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Staff augmentation support for design, engineering, and construction teams ongoing. Consultant team engaged in ADA requirements review.

# **Budget and Funding (\$ Millions)**

FY23 Current Budget	YTD % Budget Expended
\$28.16	130%

Security

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$34.55
Reimbursable/Other	
DC Dedicated Funding	\$0.54
MD Dedicated Funding	\$0.50
VA Non-Restricted Dedicated Funding	\$0.36
VA Restricted Dedicated Funding	\$0.11
Local Subtotal	\$36.05
Debt	
Net Accruals	\$0.52
Total FY23 Expenditures	\$36.57



(CIP0270)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
	Procore Technologies Inc	H	\$2,565,846	\$2,565,846	1/2/2023	1/1/2026
CENGA21109 7	Procore Technologies Inc	IT_SOFTWARE_OT H	\$1,068,700	\$465,000	1/1/2021	1/1/2023
CPFCM21001	Arora Engineers Inc	CONSULT	\$1,000,000	\$932,591	1/1/2022	1/11/2023



# (CIP0271) Swing Gates

# FY2023 Q4

Location:

Initiative Type: Project Mode:

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

Description



# **Expected Outcome**

# **Strategic Drivers**

Rail







# **Overall Status**

# **Budget and Funding (\$ Millions)**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, construction for Public View Monitors was completed at Addison Rd, Pentagon City, Southern Ave, and Columbia Heights.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.73
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.74
Debt	
Net Accruals	(\$0.02)
Total FY23 Expenditures	\$0.72



(CIP0271)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0272) Digital Display and Wayfinding Improvements

### FY2023 Q4

Initiative Type: Program
Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

### **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.

Mode: Systemwide Location: Systemwide



# **Expected Outcome**

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

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Metro continues to progress in improving signage and information displays at stations. Wayfinding signs were installed on vault walls and signposts, and pylon graphics were added to mezzanines and platforms. Replacement of Passenger Information Displays (PIDS) at select stations continued for ADA compliance and emergency communication. Efforts to install additional interactive digital displays in stations aimed to maximize advertising revenue.

FY23 Current Budget	YTD % Budget Expended
\$0.62	1,231%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.16
MD Dedicated Funding	\$1.08
VA Non-Restricted Dedicated Funding	\$0.77
VA Restricted Dedicated Funding	\$0.23
Local Subtotal	\$3.61
Debt	\$0.37
Net Accruals	\$3.96
Total FY23 Expenditures	\$7.57



(CIP0272)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FIRPG211121	Kiewit Infrastructure Company	CONSTRUCTION	\$290,552,000	\$4,500,000	1/7/2021	1/12/2023
CQ18193	ANC Sports Enterprises LLC	CONSTRUCTION	\$20,920,894	\$1,920,893	1/8/2018	1/12/2022
CQ14034	Outfront Media Group LLC	EQUIP_MATL	\$6,869,541	\$1,247,973	1/7/2014	1/6/2024



# (CIP0273) Support Facility Rehabilitation

# FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

# **Description**

This program provides assessments on condition, designs for necessary improvements, and performs minor emergent improvements for administrative facilities for employees, including breakrooms, bathrooms, and work areas.



# **Expected Outcome**

Complete minor improvements to administrative facilities for employees, enabling departments to be better organized and contributing to Metro's fiscal responsibility through improved productivity. Minor facility improvements will address immediate safety concerns, improve employee satisfaction, and contribute to Metro's goal to be an employer-of-choice.

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Condition assesments and designs to address findings at administrative facilities are on-going to improve breakrooms, bathrooms, and work areas. Contractor delays extended delivery date of lighthing upgrades resulting in the work being descoped from the task. The work will be recompeted.

FY23 Current Budget	YTD % Budget Expended
\$4.89	84%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.02
Reimbursable/Other	
DC Dedicated Funding	\$0.32
MD Dedicated Funding	\$0.30
VA Non-Restricted Dedicated Funding	\$0.22
VA Restricted Dedicated Funding	\$0.06
Local Subtotal	\$4.72
Debt	\$3.80
Net Accruals	(\$0.59)
Total FY23 Expenditures	\$4.13



(CIP0273)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CCPPM23309 5	C N Robinson Lighting Supply	EQUIP_MATL	\$500,000	\$9,819	1/11/2022	1/4/2023
FQ19273B	Signature Renovations LLC	CONSTRUCTION	\$300,000	\$280,819	1/6/2020	1/4/2023
CROCC22224 4	Adaptaspace Inc	EQUIP_MATL	\$39,444	\$39,444	1/5/2022	1/5/2023



# (CIP0274) Grosvenor Parking Garage (J/D)

# FY2023 Q4

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

Description

Mode: Systemwide

Location:



# **Expected Outcome**

# **Strategic Drivers**







# **Overall Status**

# **Budget and Funding (\$ Millions)**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

FY23 Current Budget YTD % Budget Expended

This project, supporting the associated joint development at the site, is moving twoards completion. Bike rack installation and access control continues while site survey has reached the 60% milestone.

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$1.05
Debt	\$1.05
Net Accruals	\$0.03
Total FY23 Expenditures	\$1.08



(CIP0274)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0275) New Carrollton Garage and Bus Bays

# FY2023 Q4

Mode:

Initiative Type: Project
Investment Program: Passenger Facilities/Systems
Investment Category: Bus, Bus Facilities & Paratransit

Location: Maryland

Bus

# **Description**

This project supports the joint development at New Carrollton Station. Metro has entered into a third-party joint development 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.



# **Expected Outcome**

Increase station access, ridership, economic development and the customer experience.

# **Strategic Drivers**







# **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Pre-cast erection has begun and is anticipated to take at least one year of work. Utility work resulted in some delay, for which the contractor has a make-up plan of running two shifts to recover this delay.

FY23 Current Budget	YTD % Budget Expended
\$40.92	115%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$39.84
Debt	\$39.83
Net Accruals	\$7.20
Total FY23 Expenditures	\$47.04



(CIP0275)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0276) Art in Transit and Station Commercialization Program

# FY2023 Q4

Mode:

Location:

Initiative Type: Program
Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

# **Description**

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



# **Expected 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 Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	$\bigcirc$

FY2024 planning and program design was undertaken in Q3 FY2023. It is anticipated that digital programming, art collection conservation and restoration review, including coordination with DC Historic Preservation and Arts groups will proceed in FY2024.

# **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended
\$0.50	168%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.83
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.83
Debt	
Net Accruals	\$0.01
Total FY23 Expenditures	\$0.84



(CIP0276)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
CARCH22202 2	Artbridge LLC	CONSTRUCTION	\$99,436	\$99,436	1/11/2021	1/6/2022



# (CIP0277) Supply Chain Modernization

# FY2023 Q4

Initiative Type: Project
Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

# **Description**

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



# **Expected 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 Drivers





# **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Baseline documents are under review to ensure project scope, schedule, and budget are aligned across internal departments. Material handling equipment expenses continue while this review is being undertaken.

FY23 Current Budget	YTD % Budget Expended
\$1.15	0%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.00
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.00
Debt	
Net Accruals	
Total FY23 Expenditures	\$0.00



(CIP0277)		7	Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
CSCES21118 2	ST ONGE COMPANY	CONSULT	\$612,000	\$612,000	1/9/2021	1/10/2022



# (CIP0279) Railyard Shop Equipment Replacement

# FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Maintenance Facilities
Investment Category: Railcar and Railcar Facilities

### **Description**

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

# POZEJ

# **Expected 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 [FY21 target of ≤3.3 per 100 employees] and the Rail Fleet Reliability performance indicator [FY21 ≥15,000 miles between failure].

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Review of the tramming table purchase to support maintenance of the 7000 series railcars is on-going.

FY23 Current Budget	YTD % Budget Expended
\$1.30	6%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.10
Debt	\$0.09
Net Accruals	(\$0.01)
Total FY23 Expenditures	\$0.08



(CIP0279)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0283) Railcar Maintenance Facilities State of Good Repair

# FY2023 Q4

Mode:

Initiative Type: Program

Investment Program: Maintenance Facilities
Investment Category: Railcar and Railcar Facilities

# **Description**

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

Rail



# **Expected Outcome**

Provides employees with equipment to maintain railcars in a state of good repair as measured by Rail Fleet Reliability performance indicator [FY21 ≥15,000 miles between failure].

# **Strategic Drivers**







**Overall Status** 

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Redesign of the train wash rehabilitation project is ongoing.

FY23 Current Budget	YTD % Budget Expended
\$3.26	19%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.51
Debt	\$0.50
Net Accruals	\$0.11
Total FY23 Expenditures	\$0.62



(CIP0283)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0284) Railyard Facility and Site Rehabilitation

# FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Maintenance Facilities
Investment Category: Railcar and Railcar Facilities

# **Description**

This program rehabilitates railyard facilities, systems, and site assets to achieve and maintain a state of good repair and improve the safety of employees and operational efficiency.

# **Expected Outcome**

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

# Strategic Drivers







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The railyard optimatization soliciation is being developed while bids have been received for the West Falls Church cable trough rehabilitation. The design of the sewage ejector rehabilitation project at Greenbelt yard is on-going.

FY23 Current Budget	YTD % Budget Expended
\$0.20	543%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$1.17
Debt	\$1.17
Net Accruals	(\$0.08)
Total FY23 Expenditures	\$1.09



(CIP0284)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0286) Power Generator Replacement

# FY2023 Q4

Initiative Type: Program Mode: Rail

Investment Program: Power Location: Systemwide

Investment Category: Rail Systems

# **Description**

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



# **Expected 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 Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The soliciation for the replacement of generators at 19 additional locations is rescheduled for release by FY2024 Q2.

FY23 Current Budget	YTD % Budget Expended
\$5.42	7%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.21
MD Dedicated Funding	\$0.20
VA Non-Restricted Dedicated Funding	\$0.14
VA Restricted Dedicated Funding	\$0.04
Local Subtotal	\$0.60
Debt	
Net Accruals	(\$0.20)
Total FY23 Expenditures	\$0.40



(CIP0286)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0291) Tunnel Ventilation Improvements

# FY2023 Q4

Initiative Type: Project

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

# **Description**

This project upgrades and installs additional underground ventilation 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.

# **Expected 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 [FY21 target of ≤1.40 injuries per million passengers] and the Metrorail system employee injury rate performance indicator [FY21 target of ≤3.5 per 100 employees].

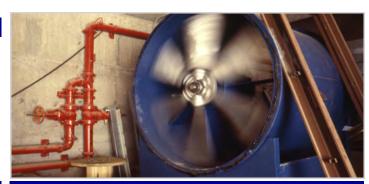
# **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Metro is currently reviewing designs for tunnel water leak mitigation in future tunnel segments. The plan for future work, based on the results and lessons learned from the pilot project (CIP0356), is still being developed.

# Mode: Rail

Location: District of Columbia



# **Strategic Drivers**







**Budget and Funding (\$ Millions)** 

FY23 Current Budget	YTD % Budget Expended
\$1.88	1%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.06
MD Dedicated Funding	\$0.06
VA Non-Restricted Dedicated Funding	\$0.04
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.06
Debt	(\$0.11)
Net Accruals	(\$0.04)
Total FY23 Expenditures	\$0.02



(CIP0291)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0294) Bridge Rehabilitation Program

# FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

# **Description**

This program rehabilitates structural and system components of 162 aerial structures across the Metro system. Metro is rehabilitating additional structural and system components under Structural Rehabilitation - Package A (CIP0348).

# **Expected Outcome**

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

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Design for the demolition of the three trestle bridges associated with abandoned streetcar infrastructure (Walhonding Bridge, Wilson Lane Bridge, and Foundry Branch Bridge) has reached 60% and the effort is now on hold.

FY23 Current Budget	YTD % Budget Expended
\$1.20	19%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.02
MD Dedicated Funding	\$0.02
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.09
Debt	\$0.04
Net Accruals	\$0.13
Total FY23 Expenditures	\$0.22



(CIP0294)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value			Contract Expiration Date
FQ19172J	AECOM Technicial Services Inc	ENGINEERING	\$2,500,000	\$1,169,959	1/10/2019	1/10/2024



# (CIP0297) Union Station Improvements

# FY2023 Q4

Mode:

Rail

Location: District of Columbia

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

# **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.

# M Union Station

# **Expected 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 Drivers**







# **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

30% design completed and under review after a design kickoff meeting was held in Q4.

FY23 Current Budget	YTD % Budget Expended
\$7.64	1%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.02
MD Dedicated Funding	\$0.02
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.05
Debt	
Net Accruals	\$0.01
Total FY23 Expenditures	\$0.06



(CIP0297)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0302) Huntington Station Parking Garage Demolition

# FY2023 Q4

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

# **Description**

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

### Mode: Rail

Location: Commonwealth of Virginia



# **Expected 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 Drivers**







# **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

The work associated with the Huntington Station Parking Garage replacement is moving to reimbursable project (CRB) 0018.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.06
MD Dedicated Funding	\$0.05
VA Non-Restricted Dedicated Funding	\$0.04
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.16
Debt	
Net Accruals	(\$0.06)
Total FY23 Expenditures	\$0.11



(CIP0302)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0305) Rail Passenger Facility State of Good Repair Program

## FY2023 Q4

Mode:

Location:

Rail

Systemwide

Initiative Type: Program

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

## **Description**

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

# **Expected Outcome**

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

# **Strategic Drivers**







## **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The sewage ejector system rehabilitation designs are ongoing. The next milestone is to identify, refine, and prioritize concept alternatives. This milestone is anticipated to be completed in FY2024 Q1 for the 10 sites included in this project.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.05
MD Dedicated Funding	\$0.04
VA Non-Restricted Dedicated Funding	\$0.03
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.13
Debt	\$0.00
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.13



(CIP0305)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0307) Station Platform Rehabilitation - Phase 2

# FY2023 Q4

Mode:

Location:

Rail

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

Description



# **Expected Outcome**









# **Overall Status**

**Budget and Funding (\$ Millions)** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No activity on this project in this quarter.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	(\$1.64)
Other	
Federal Subtotal	(\$1.64)
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$1.72
Debt	\$1.71
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.08



(CIP0307)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
C20090	Summitville Tiles Inc	CONSTRUCTION	\$5,000,000	\$12,975	1/12/2019	1/12/2022
C20094	North Carolina Granite Co	CONSTRUCTION	\$1,000,000	\$37,762	1/4/2020	1/12/2022



# (CIP0308) Station Platform Rehabilitation - Phase 3

#### FY2023 Q4

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

#### **Description**

This project rehabilitates and repairs 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.

# **Expected Outcome**

Upgrades and improves above-ground stations for customer safety and comfort, as measured by the Metrorail customer injury rate performance indicator [FY21 target of ≤177 injuries]. 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.

## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Throughout Q4, the focus continued to be on safety certifications and resolving remaining punchlist items.

Mode: Rail

Location: Systemwide



# **Strategic Drivers**







**Budget and Funding (\$ Millions)** 

FY23 Current Budget	YTD % Budget Expended
\$0.08	9,251%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$1.95
Other	
Federal Subtotal	\$1.95
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.73
MD Dedicated Funding	\$1.62
VA Non-Restricted Dedicated Funding	\$1.15
VA Restricted Dedicated Funding	\$0.34
Local Subtotal	\$7.53
Debt	\$2.68
Net Accruals	(\$1.71)
Total FY23 Expenditures	\$7.77



(CIP0308)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0310) Station Platform Rehabilitation - Phase 4

#### FY2023 Q4

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

#### **Description**

This project rehabilitates and repairs platforms and systems at the following Orange Line stations 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.

# **Expected 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.

# Mode: Rail Location: Systemwide



# **Strategic Drivers**







## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Single tracking access granted in Q4 to address feeder cables over roofing and CSX right-of-way at Cheverly, Minnesota Avenue, and Deanwood Metrorail stations pursuant to agreement with PEPCO to address this work. Project is moving to close-out and negotiation of final contract modifications.

FY23 Current Budget	YTD % Budget Expended
\$205.37	80%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	\$93.49
Other	
Federal Subtotal	\$93.49
System Performance	\$0.04
Reimbursable/Other	
DC Dedicated Funding	\$24.29
MD Dedicated Funding	\$22.72
VA Non-Restricted Dedicated Funding	\$16.21
VA Restricted Dedicated Funding	\$4.81
Local Subtotal	\$80.24
Debt	\$12.17
Net Accruals	(\$10.22)
Total FY23 Expenditures	\$163.52



(CIP0310)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0311) Bladensburg Bus Garage Replacement

#### FY2023 Q4

Mode:

Bus Location: District of Columbia

Initiative Type: **Project** 

Investment Program: Maintenance Facilities

Investment Category: Bus, Bus Facilities & Paratransit

#### **Description**

This project demolishes and replaces the obsolete bus maintenance and operations facility at Bladensburg to improve facility use and capacity. The new facility, 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 facility will be ready for future electric bus infrastructure as Metro begins full implementation of 100% electric vehicles.

#### **Expected 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 the bus system employee injury rate performance indicator [FY21 target of ≤11.2 injuries per 100 employees] and the Bus Fleet Reliability performance indicator [FY21 target ≥7,000 miles between failures].

# FULLECE 110 100 100 100

## **Strategic Drivers**







**Overall Status** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The stormwater retention design is still ongoing. WMATA has progressed to 30% of the BEB design. Foundation work for the Maintenance Building is continuing, and the completion of Shepherd Parkway remains scheduled for FY24Q2.

FY23 Current Budget	YTD % Budget Expended
\$78.41	81%

FY23 Funding Sources	YTD Expended
Formula	\$56.05
PRIIA	
Other	
Federal Subtotal	\$56.05
System Performance	\$1.90
Reimbursable/Other	\$0.00
DC Dedicated Funding	\$0.04
MD Dedicated Funding	\$0.03
VA Non-Restricted Dedicated Funding	\$0.02
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$7.53
Debt	\$5.53
Net Accruals	\$0.11
Total FY23 Expenditures	\$63.69



(CIP0311)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19144B-2	Hensel Phelps Construction Co	CONSTRUCTION	\$252,911,000	\$645,488	1/10/2021	1/3/2027



# (CIP0312) Four Mile Run Bus Garage Rehabilitation

# FY2023 Q4

Initiative Type: Project

Investment Program: Maintenance Facilities

Investment Category: Bus, Bus Facilities & Paratransit

#### **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. Mode: Bus

Location: Commonwealth of Virginia



# **Expected 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 Drivers**







**Overall Status** 

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

Design work for Four Mile Run Bus Garage rehabiliation is continuing and is expected to be completed in FY2024.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$1.25
Debt	\$1.25
Net Accruals	\$0.50
Total FY23 Expenditures	\$1.75



(CIP0312)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0315) Northern Bus Garage Replacement

#### FY2023 Q4

Initiative Type: Project

Investment Program: Maintenance Facilities

Investment Category: Bus, Bus Facilities & Paratransit

#### **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. Northern Bus Garage will fully support 100% electric vehicles.

#### **Expected 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 by the Bus Fleet Reliability performance indicator [FY21 target ≥7,000 miles between failures]. Northern will become Metro's first all electric bus garage. The design will preserve the historic façade, offering potential retail space for revenue generation and/or provide public space.

## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Demolition is ongoing while construction is now expected to begin in Fall 2023. WMATA held community engagement on May 2, 2023.

Mode: Bus

Location: District of Columbia



# **Strategic Drivers**







FY23 Current Budget	YTD % Budget Expended
\$79.12	98%

FY23 Funding Sources	YTD Expended
Formula	\$60.50
PRIIA	
Other	
Federal Subtotal	\$60.50
System Performance	\$0.13
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$7.75
Debt	\$7.61
Net Accruals	\$9.38
Total FY23 Expenditures	\$77.62



(CIP0315)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ19144N-2	Clark Construction Group, LLC	CONSTRUCTION	\$397,046,425	\$1,757,647	1/10/2022	1/5/2027



# (CIP0319) Bus Maintenance Facility State of Good Repair Program

## FY2023 Q4

Mode:

Location:

Bus

Initiative Type: Program

Investment Program: Maintenance Facilities

Investment Category: Bus, Bus Facilities & Paratransit

## **Description**

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



# **Expected 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 Drivers**







## **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

Landscaping design work continued at Cinder Bed Road. Under a separate contract, design work for breakroom and restroom improvements at nine locations is anticipated to begin in Q1 of FY2024.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.01
Reimbursable/Other	
DC Dedicated Funding	\$0.02
MD Dedicated Funding	\$0.01
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.05
Debt	
Net Accruals	\$0.25
Total FY23 Expenditures	\$0.30



(CIP0319)		7	Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19172O	Whitman, Requardt & Associate LLP	ENGINEERING	\$1,950,000	\$1,855,368	1/10/2019	1/11/2024



# (CIP0322) Bus Passenger Facility Improvements

# FY2023 Q4

Initiative Type: Program

Investment Program: Passenger Facilities/Systems Investment Category: Bus, Bus Facilities & Paratransit

Description

Mode: Bus

Location:



# **Expected Outcome**

# **Strategic Drivers**







# Overall Status

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No activity on this project in this quarter.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.61
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.61
Debt	
Net Accruals	
Total FY23 Expenditures	\$0.61



(CIP0322)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0324) Capital Program Financial Support

## FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

## **Description**

This program provides support for the financial management of the capital program, including jurisdictional funds and federal grants.



# **Expected Outcome**

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

# **Strategic Drivers**







## **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continue to provide staff augmentation to provide financial support (budgeting) and grant services for the capital program.

FY23 Current Budget	YTD % Budget Expended
\$0.40	3%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.01
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.01
Debt	
Net Accruals	
Total FY23 Expenditures	\$0.01



(CIP0324)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0330) Information Technology Data Center

#### FY2023 Q4

Mode:

Location:

Initiative Type: Project Investment Program: IT

Investment Category: Business & Operations Support

#### 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 modern data center that blends new technologies with existing capabilities to continually improve and scale services to users, customers, and partners.

# **Strategic Drivers**

Safety Security

Systemwide

Systemwide



# Expected Outcome Replaces Metro's existi

Replaces Metro's existing data center with a new modern facility to support the system and that will also enable Metro to generate revenue through the leasing of excess capacity.

## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Decommissioning of the equipment at the Jackson Graham Building was completed. Work continues on the outfiting of the new Metro Intregrated Control Center at the Virginia Esienhower Avenue office.

FY23 Current Budget	YTD % Budget Expended
\$13.20	294%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.28
MD Dedicated Funding	\$1.20
VA Non-Restricted Dedicated Funding	\$0.86
VA Restricted Dedicated Funding	\$0.25
Local Subtotal	\$38.22
Debt	\$34.63
Net Accruals	\$0.55
Total FY23 Expenditures	\$38.77



#### (CIP0330) **Top 30 Active Contracts by Allocated CIP Value Allocated** Contract Contract Contract Contract Vendor **Activity** Number Value **CIP Value Start Date Expiration Date** 2021049630U AT&T Corp CONSULT \$13,300,524 \$5,000,000 1/7/2022 1/7/2025 1/8/2021 CDCI1211225 Insight Public Sector, Inc. CONSULT \$12,318,017 \$628,233 1/4/2023 CQ19119 1/12/2018 1/2/2023 Canon Solutions America EQUIP\_MATL \$6,164,399 \$301,783 Inc CIT01222078 Sirius Computer IT HARDWARE OT \$4,747,661 \$4,747,661 1/3/2022 1/3/2027 Solutions CIT01233196 Copper River Information **EQUIPMENT** \$4,198,653 \$2,464,815 1/4/2023 1/4/2024 Technology CQ17089 ACI Worldwide Corp CONSULT \$3,641,392 \$30,183 1/2/2018 1/2/2024 CPRMT21102 Staples Business EQUIP\_MATL \$3,000,000 1/8/2020 1/3/2023 \$190,300 3-COA Advantage Copper River Information 1/5/2023 1/12/2023 CIT01233155 **EQUIP MATL** \$2,799,145 \$783,021 Technology CIT01222343-CAS Severn Inc IT\_HARDWARE\_OT \$1,302,577 \$1,302,577 1/6/2022 1/6/2023 COOP CIT01211155 Copper River Information CONSULT \$909,039 \$225,000 1/3/2021 1/3/2022 Technology CIT01233022 Copper River Information EQUIP\_MATL \$748,602 \$748,602 1/1/2023 1/1/2024 Technology 1/6/2022 CIT01222189 CONSULT \$638,422 \$638,422 1/6/2023 Avaya Inc CIT01222117 Software Information IT\_SOFTWARE\_OT \$251,034 \$251,034 1/12/2021 1/12/2022 Resource Corp SIRC



# (CIP0331) Enterprise Resource Planning Software Replacement

# FY2023 Q4

Mode:

Location:

Initiative Type: Project Investment Program: IT

Investment Category: Business & Operations Support

## **Description**

This project will implement a new enterprise resource planning (ERP) system. Metro will perform any necessary upgrades to the current ERP system to maximize vendor support until the current program sunsets.



# **Expected Outcome**

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

# **Strategic Drivers**







## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Vendor proposals are being reviewed by the technical evaluation team.

# **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended
\$7.50	71%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$5.35
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$5.35
Debt	
Net Accruals	(\$0.03)
Total FY23 Expenditures	\$5.32



(CIP0331)		1	Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CIT01211234- PMG	Accenture LLP	CONSULT	\$5,100,000	\$200,000	1/1/2022	1/4/2023



# (CIP0332) Fiber Optic Cable Installation

#### FY2023 Q4

Initiative Type: Project Mode:
Investment Program: Signals & Communications Location:

Investment Category: Rail Systems

## **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.



# **Expected 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 Drivers**







## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

On-going fiber optic cable installations continue with progress being made on Blue and Orange Lines.

# **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended
\$28.19	280%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$10.37
MD Dedicated Funding	\$9.70
VA Non-Restricted Dedicated Funding	\$6.92
VA Restricted Dedicated Funding	\$2.06
Local Subtotal	\$82.50
Debt	\$53.45
Net Accruals	(\$3.62)
Total FY23 Expenditures	\$78.88



(CIP0332)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FIRPG211190	C3M Power Systems, LLC	CONSTRUCTION	\$175,791,200	\$23,400,000	1/5/2022	1/6/2027



# (CIP0335) Office Consolidation - District of Columbia

#### FY2023 Q4

Initiative Type: Project

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

## **Description**

Part of Metro's regional office consolidation plan (combining 10 admin. 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 benefit the community. In addition, Metro will improve the exterior appearance and add three floors, creating space for leases to generate additional revenue. The building will be designed to achieve LEED certification.

#### **Expected Outcome**

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

#### Mode: Systemwide

Location: District of Columbia



# **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The first tenant improvements have been completed and the first tenant has taken occupancy of their lease space.

FY23 Current Budget	YTD % Budget Expended
\$11.84	330%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.47
MD Dedicated Funding	\$0.44
VA Non-Restricted Dedicated Funding	\$0.31
VA Restricted Dedicated Funding	\$0.09
Local Subtotal	\$40.95
Debt	\$39.63
Net Accruals	(\$1.85)
Total FY23 Expenditures	\$39.10



(CIP0335)			Top 30 Active	Contracts b	y Allocated C	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
C20053	Clearing Inc	CONSULT	\$8,958,233	\$7,158,233	1/12/2019	1/12/2024



# (CIP0336) Facility Energy Management Upgrades

# FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

# **Description**

This program supports research, analysis and implementation of energy efficiency investments as well as purchase and management of energy as an asset.

Mode: Systemwide

Location:



# **Expected Outcome**

Optimizes energy use and management strategies at Metro facilities and fleet.

# **Strategic Drivers**







# **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No activity on this project in this quarter. This CIP is being closed and will not be reported against in FY2024.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.14
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.14
Debt	
Net Accruals	
Total FY23 Expenditures	\$0.14



(CIP0336)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0337) Office Consolidation - Virginia

#### FY2023 Q4

Initiative Type: Project

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

## **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 Metrorail 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.

# **Expected 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.

#### Mode: Systemwide

Location: Commonwealth of Virginia



# **Strategic Drivers**







## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Partial Certificate of Occupancy received. Building ocupancy anticipated in FY2024 Q1.

FY23 Current Budget	YTD % Budget Expended
\$71.10	93%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$72.59
Debt	\$72.58
Net Accruals	(\$6.70)
Total FY23 Expenditures	\$65.90



(CIP0337)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0338) Office Consolidation - Maryland

#### FY2023 Q4

Initiative Type: Project Investment Program: Support Equipment/Services

Investment Category: Business & Operations Support

## **Description**

This project constructs a new office building in Maryland as part of Metro's regional office consolidation plan. The new building consolidates employees near the New Carrollton Metrorail Station in PG County. The station is a significant transit hub and is served by Metro, MARC, multiple local and regional buses, Amtrak, Greyhound, and in the future Maryland MTA Purple Line. The building will be designed to achieve LEED certification and is part of the continued development of New Carrollton.

## **Expected Outcome**

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

#### Mode: Systemwide Location: State of Maryland



# **Strategic Drivers**







## **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Command center space reached substantial completion in June while the plaza design work is on-going with work anticipated in FY2024 pending permitting approvals.

FY23 Current Budget	YTD % Budget Expended
\$38.12	52%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$37.03
Debt	\$37.03
Net Accruals	(\$17.27)
Total FY23 Expenditures	\$19.76



(CIP0338)

**Top 30 Active Contracts by Allocated CIP Value** 



# (CIP0341) Rail System Standpipe Replacement Program

## FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

#### **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.

# **Expected 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 Drivers**







## **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

On-going state of good repair work continues as part of this program. The program received and inspected a second prime mover to support a work platform that is anticipated to facilitate efficient program execution.

FY23 Current Budget	YTD % Budget Expended
\$4.10	167%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.02
MD Dedicated Funding	\$0.95
VA Non-Restricted Dedicated Funding	\$0.68
VA Restricted Dedicated Funding	\$0.20
Local Subtotal	\$7.11
Debt	\$4.27
Net Accruals	(\$0.27)
Total FY23 Expenditures	\$6.84



(CIP0341)			op 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
	Property & Environmental Management Inc	CONSTRUCTION	\$15,680,421	\$2,100,000	1/9/2022	1/12/2025



#### (CIP0342) Information Technology Hardware State of Good Repair

#### FY2023 Q4

Mode:

Location:

Initiative Type: Program
Investment Program: IT

Investment Category: Business & Operations Support

#### **Description**

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



#### **Expected Outcome**

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

#### **Strategic Drivers**



Systemwide

Systemwide



#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Metro continued to upgrade/replace outdated hardware and software assets, performed network maintenance and expansion to support operational needs, and continued ongoing Authority-wide PC Desktop, laptop and tablet replacements.

FY23 Current Budget	YTD % Budget Expended		
\$16.13	96%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$5.26
MD Dedicated Funding	\$4.92
VA Non-Restricted Dedicated Funding	\$3.51
VA Restricted Dedicated Funding	\$1.04
Local Subtotal	\$14.74
Debt	
Net Accruals	\$0.74
Total FY23 Expenditures	\$15.48



(CIP0342) Top 30 Active Contracts by Allocated					CIP Value	
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
CQ19100 AV	Avaya Inc	CONSULT	\$2,073,555	\$2,013,555	1/5/2019	1/3/2022
CIT01211136 R	CAS Severn Inc	IT_HARDWARE_OT H	\$1,890,000	\$1,890,000	1/3/2021	1/12/2022
CIT01222245- EH	Business Marketers Group Inc	EQUIP_MATL	\$291,600	\$291,600	1/12/2022	1/12/2023
CIT01222182	Avaya Inc	CONSULT	\$195,411	\$195,411	1/3/2022	1/6/2023
CQ20006	CMG Media Ventures LLC	EQUIP_MATL	\$82,320	\$81,420	1/10/2019	1/10/2024



#### (CIP0343) Information Technology Software State of Good Repair

#### FY2023 Q4

Mode:

Location:

Initiative Type: Program

Investment Program: IT

Investment Category: Business & Operations Support

#### **Description**

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

## Sun

#### **Expected Outcome**

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

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Closeout activities are underway. This project is anticipated to close with the communications work being transferred to CIP0358.

#### **Budget and Funding (\$ Millions)**

Systemwide

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.78
MD Dedicated Funding	\$0.73
VA Non-Restricted Dedicated Funding	\$0.52
VA Restricted Dedicated Funding	\$0.16
Local Subtotal	\$2.19
Debt	
Net Accruals	(\$0.40)
Total FY23 Expenditures	\$1.79



(CIP0343)			Top 30 Active	Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date	
CATS20101- 22-T00012	Advanced Digital Systems, Inc.	CONSULT	\$1,406,016	\$1,406,016	1/5/2022	1/11/2022	
CIT01222015	Signature Technologies Inc	CONSULT	\$185,153	\$185,153	1/9/2021	1/9/2022	
CIT01222116	Susan Fitzgerald & Associates, Inc.	CONSULT	\$173,443	\$173,443	1/10/2021	1/4/2022	



#### (CIP0345) Shady Grove Stairway

#### FY2023 Q4

Initiative Type:
Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

Description

Mode:

Location:



#### **Expected Outcome**









#### **Overall Status**

**Budget and Funding (\$ Millions)** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No activity on this project in this quarter.

FY23 Current Budget	YTD % Budget Expended		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.06
MD Dedicated Funding	\$0.06
VA Non-Restricted Dedicated Funding	\$0.04
VA Restricted Dedicated Funding	\$0.01
Local Subtotal	\$0.17
Debt	
Net Accruals	(\$0.13)
Total FY23 Expenditures	\$0.04



(CIP0345)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0347) Accounting Capital Program Support

#### FY2023 Q4

Mode:

Location:

Initiative Type: Program Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

#### **Description**

This program provides accounting support to Metro's capital program. This includes tracking depreciation, maintaining an inventory of capital assets, reviewing invoices for projects and communicating with stakeholders.



#### **Expected Outcome**

Financial reporting entries for expenses and capital assets. This includes documenting depreciation of fixed assets and conducting a biannual inventory of capital assets. This program supports accurate and reliable financial reporting.

#### **Strategic Drivers**





Reliability/SGR

#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continuous support to provide accounting servcies to the capital program, including review and control of expenditures and maintianing an inventory of capital assets.

#### **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended		
\$2.34	31%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.69
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.69
Debt	
Net Accruals	\$0.04
Total FY23 Expenditures	\$0.73



(CIP0347)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0348) Structural Rehabilitation - Package A

#### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Project

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

#### **Description**

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

#### **Expected Outcome**

Addresses structural issues on bridges, aerial structures, and the Rockville Station canopy identified during Metro safety inspections. Prevents emergency shutdowns of rail service due to structural deficiencies.

#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Work continued on the Red Line at Grosvenor station and on the Blue and Orange line where the lines diverge in the District of Columbia.

FY23 Current Budget	YTD % Budget Expended		
\$30.08	113%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.00
Reimbursable/Other	
DC Dedicated Funding	\$0.16
MD Dedicated Funding	\$0.15
VA Non-Restricted Dedicated Funding	\$0.10
VA Restricted Dedicated Funding	\$0.03
Local Subtotal	\$32.65
Debt	\$32.21
Net Accruals	\$1.35
Total FY23 Expenditures	\$34.00



(CIP0348) Top 30 Active Contracts by Allocated CIP Value			CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FIRPG211113	W M Schlosser Co Inc	CONSTRUCTION	\$49,477,000	\$49,477,000	1/4/2021	1/12/2022
C20088C	Dillons Bus Service Inc	3RD_PARTY	\$6,468,654	\$6,468,654	1/2/2020	1/2/2024



#### (CIP0349) Yellow Line Tunnel and Bridge Rehabilitation

#### FY2023 Q4

Mode:

Rail

Location: District of Columbia

Initiative Type: Project

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

#### **Description**

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



#### **Expected 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 Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The Yellow Line tunnel reopened on-schedule on May 7, 2023. Punchlist work, finalization of claims, and contract close out work continued in Q4.

FY23 Current Budget	YTD % Budget Expended
\$208.69	146%

FY23 Funding Sources	YTD Expended
Formula	\$85.08
PRIIA	
Other	
Federal Subtotal	\$85.08
System Performance	\$0.02
Reimbursable/Other	
DC Dedicated Funding	\$6.09
MD Dedicated Funding	\$5.70
VA Non-Restricted Dedicated Funding	\$4.07
VA Restricted Dedicated Funding	\$1.21
Local Subtotal	\$223.92
Debt	\$206.83
Net Accruals	(\$4.48)
Total FY23 Expenditures	\$304.52



(CIP0349)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ19172N	RK&K	CONSTRUCTION	\$11,050,000	\$133,341	1/10/2019	1/10/2024
FIRPG211117 AWD	Kiewit Infrastructure Company	CONSTRUCTION	\$1,876,800	\$1,876,800	1/7/2021	1/5/2022



#### (CIP0352) Rail Station Platform Canopy Rehabilitation Program

#### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

#### **Description**

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

#### **Expected 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 Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

This project is moving through the close out process after a negotiated descoping of certain work. WMATA is reviewing options for whether and how to address the descoped work.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.36
MD Dedicated Funding	\$0.34
VA Non-Restricted Dedicated Funding	\$0.24
VA Restricted Dedicated Funding	\$0.07
Local Subtotal	\$1.03
Debt	\$0.02
Net Accruals	(\$0.16)
Total FY23 Expenditures	\$0.88



(CIP0352)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0354) ePerformance and eCompensation Upgrades

#### FY2023 Q4

Initiative Type:ProjectMode:SystemwideInvestment Program:ITLocation:Systemwide

Investment Category: Business & Operations Support

#### **Description**

This project develops and deploys new modules for ePerformance and eCompensation, including the design, requirements, development, testing, and deployment of these modules.



#### **Expected Outcome**

Aligns organizational resources and systems for employee performance to improve analysis of performance-related metrics and increase options for data-driven gap analysis. Improves compensation programs for employees through planning, administration, and reporting activities.

#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

No significant milestones achieved in Q4 FY2023.

FY23 Current Budget	YTD % Budget Expended
\$0.70	

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	
Debt	
Net Accruals	
Total FY23 Expenditures	



(CIP0354)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0355) Zero Emission Bus Acquisition and Evaluation

#### FY2023 Q4

Mode:

Location:

Bus

Systemwide

Initiative Type: Project

Investment Program: Acquisition

Investment Category: Bus, Bus Facilities & Paratransit

#### **Description**

This project purchases electric buses and evaluates the 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.

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#### **Expected Outcome**

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

#### **Strategic Drivers**





#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, progress was made in installing chargers and pantographs for Phase 1 (60') at Shepherd Parkway. Phase 2 (40') pantographs and chargers are scheduled to complete by FY24 Q4. A PO, contract, and NTP were issued for pantograph chargers to support 40-foot BEB expected delivery in FY24 Q3. Fire hazard analysis and evaluation support services continued. A consulting task order with WSP was awarded to develop actionable schematics and program definition to pursue major capital delivery contracts for WMATA's goal of 100% zero-emission buses by 2042.

FY23 Current Budget	YTD % Budget Expended
\$12.21	37%

FY23 Funding Sources	YTD Expended
Formula	\$0.56
PRIIA	
Other	
Federal Subtotal	\$0.56
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.01
MD Dedicated Funding	\$0.01
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$4.01
Debt	\$3.98
Net Accruals	(\$0.01)
Total FY23 Expenditures	\$4.56



(CIP0355)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
7828	New Flyer of America Inc	BUS_ARTICULATED	\$4,243,831	\$4,243,831	1/9/2022	1/12/2023
COBTR22233 6-BTK	Rosendin Electric Inc	EQUIP_MATL	\$2,098,653	\$2,098,653	1/2/2023	1/2/2026
7759	Center for Transportation & Environment	CONSULT	\$374,500	\$374,500	1/12/2020	1/1/2024



#### (CIP0356) Tunnel Ventilation Improvements - Red Line Pilot

#### FY2023 Q4

Initiative Type: Project

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

#### **Description**

The project performs a pilot and evaluation to add ventilation fans and upgrade shaft components. 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.

#### **Expected Outcome**

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

#### Mode: Rail

Location: District of Columbia



#### **Strategic Drivers**







**Overall Status** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

In Q4, progress continues in Metro's plan to build mezzanine platforms over tracks for improved tunnel ventilation from Woodley Park to Cleveland Park stations along the Red Line. The structural platform and concrete deck are completed for both VA8 & VA9. CMU walls are finished above and at track level for both locations. Electrical upgrades, conduit installations, and switchgear replacements are ongoing. Fan selection has been completed, and delivery is expected by August 2023, though the project's period of performance is extended to 2/7/2024 due to fan fabrication delays. Additionally, various installation and testing activities are underway at different locations within the project.

FY23 Current Budget	YTD % Budget Expended
\$12.61	122%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.01
MD Dedicated Funding	\$0.01
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$15.99
Debt	\$15.97
Net Accruals	(\$0.67)
Total FY23 Expenditures	\$15.32



(CIP0356)			Top 30 Active Contracts by Allocated CIP Value			
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FIRPG211104-	Potomac Construction Co	CONSTRUCTION	\$34,751,268	\$1,178,567	1/4/2021	1/7/2023
FIRPG211104	Potomac Construction Co Inc	CONSTRUCTION	\$33,944,083	\$33,944,083	1/4/2021	1/9/2022



#### (CIP0357) Cybersecurity Legacy Software Improvements

#### FY2023 Q4

Initiative Type: Project Mode: Systemwide Investment Program: IT Location: Systemwide

Investment Category: Business & Operations Support

#### **Description**

This project will improve, maintain and upgrade applications to improve cybersecurity.



#### **Expected Outcome**

Protects Metro IT systems from cybersecurity risks through direct improvements, maintenance and upgrade of existing systems and technologies across the system.

#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continued deployment and maintenance of a small set of technologies that protect WMATA networks.

FY23 Current Budget	YTD % Budget Expended		
\$3.70	123%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$1.60
MD Dedicated Funding	\$1.49
VA Non-Restricted Dedicated Funding	\$1.07
VA Restricted Dedicated Funding	\$0.32
Local Subtotal	\$4.47
Debt	
Net Accruals	\$0.07
Total FY23 Expenditures	\$4.54



(CIP0357) Top 30 Ac				Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value			Contract Expiration Date
CDCI1233406	Microsoft Corporation	CONSULT	\$8,000,000	\$2,645,435	1/6/2023	1/3/2028



#### (CIP0358) Business Systems State of Good Repair

#### FY2023 Q4

Initiative Type: Program Investment Program: IT

Investment Category: Business & Operations Support

#### **Description**

This program supports state of good repair activities for critical business applications including web applications, timekeeping and enterprise resource planning (ERP) systems.

Mode: Systemwide Systemwide Location:



#### **Expected Outcome**

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

#### **Strategic Drivers**





Security **Budget and Funding (\$ Millions)** 

### (Programs are ongoing)

**Overall Status** 

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Ongoing operations & maintenance support services.

FY23 Current Budget	YTD % Budget Expended		
\$19.69	72%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$5.05
MD Dedicated Funding	\$4.72
VA Non-Restricted Dedicated Funding	\$3.37
VA Restricted Dedicated Funding	\$1.00
Local Subtotal	\$14.14
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$14.14



(CIP0358)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0359) Enterprise Technology Platforms State of Good Repair

#### FY2023 Q4

Mode:

Location:

Initiative Type: Program
Investment Program: IT

Investment Category: Business & Operations Support

#### **Description**

This program supports state of good repair activities for critical enterprise shared services including business intelligence, storing and building data structures and other enterprise tools.

#### **Expected Outcome**

This program supports tools and applications, as well as other shared services, utilized by both the Metro Business and Transit teams for their day-to-day sustainment operations.

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Contractor continues to provide Operations & Maintenance support services.

## **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended
\$5.65	97%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$5.12
Reimbursable/Other	
DC Dedicated Funding	\$0.27
MD Dedicated Funding	\$0.25
VA Non-Restricted Dedicated Funding	\$0.18
VA Restricted Dedicated Funding	\$0.05
Local Subtotal	\$5.87
Debt	
Net Accruals	(\$0.38)
Total FY23 Expenditures	\$5.49



(CIP0359)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
F20101_SS_A	Digital Mobile Innovation LLC	CONSULT	\$42,628,459	\$3,651,863	1/4/2021	1/3/2024



#### (CIP0360) Transit Systems State of Good Repair

#### FY2023 Q4

Mode:

Location:

Initiative Type: Program
Investment Program: IT

Investment Category: Business & Operations Support

#### **Description**

This program supports state of good repair activities for critical transit applications including Bus, Rail, Asset Management, Safety and Metro Transit Police Department (MTPD) systems.



#### **Expected Outcome**

Metro will continue to support the customer-facing services and related applications. This includes support for MTPD, Safety, Asset Management related to engineering and infrastructure assets, Geographic information system, Fare Collection, and other customer-facing websites.

#### **Strategic Drivers**







#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Contractor continues to provide Operations & Maintenance support services.

## **Budget and Funding (\$ Millions)**

Systemwide

Systemwide

FY23 Current Budget	YTD % Budget Expended
\$15.55	71%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$10.28
Reimbursable/Other	
DC Dedicated Funding	\$0.26
MD Dedicated Funding	\$0.24
VA Non-Restricted Dedicated Funding	\$0.17
VA Restricted Dedicated Funding	\$0.05
Local Subtotal	\$11.01
Debt	
Net Accruals	(\$0.05)
Total FY23 Expenditures	\$10.96



(CIP0360)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0361) Service Oriented Architecture (SOA) Program

#### FY2023 Q4

Mode:

Location:

Initiative Type: Program
Investment Program: IT

Investment Category: Business & Operations Support

#### Description

Service-Oriented Architecture (SOA) application platform enables organizations to share independent services to accomplish business goals. SOA enables the development of applications to be more efficient and secure. This supports the ability to adjust applications to align with changing business needs.

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#### **Expected Outcome**

SOA offers flexibility by providing infrastructure automation and tools, thereby achieving a reduction in integration costs, as well as their efficient and effective coordination. SOA architecture enables IT structures to align to business goals.

#### **Strategic Drivers**



Systemwide

Systemwide



#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

SOA procurement in progress. Anticipate award in FY24 Q1.

FY23 Current Budget	YTD % Budget Expended
\$1.31	

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	
Debt	
Net Accruals	
Total FY23 Expenditures	



(CIP0361)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0362) Independent Verification & Validation program

#### FY2023 Q4

Mode:

Initiative Type: Program
Investment Program: IT

Investment Category: Business & Operations Support

#### Description

For software products, the IV&V org. performs reviews of source code, examines product documentation, and analyzes algorithms for static verification. It also performs dynamic verification by different testing methods such as integration testing to ensure all software units (modules) are integrated, tested, and working. Functional testing ensures that user requirements are met. Additionally, system testing is performed throughout the software and hardware system to ensure it is working as required.

#### **Expected Outcome**

The IV&V program will reduce discrepancies in the product quality and specifications. The program will also ensures that developers are adhering to Metro regulations and standards.



#### **Strategic Drivers**



Systemwide

Location: Systemwide



#### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Procurement process continues to experience delays, however anticipated NTP estimate of FY2024 Q2 remains viable.

FY23 Current Budget	YTD % Budget Expended
\$0.50	

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	
Debt	
Net Accruals	
Total FY23 Expenditures	



(CIP0362)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0370) Structural Rehabilitation - Package B

#### FY2023 Q4

Initiative Type: Project

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

#### **Description**

This project rehabilitates bridges and aerial structures.

Mode: Rail

Location: Systemwide



#### **Expected Outcome**

Address issues on bridges and aerial structures identified during Metro safety inspections. Prevents emergency shutdowns of rail service due to structural deficiencies.

#### **Strategic Drivers**







Reliability/SGR

#### **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

No activity on this project in this quarter.

FY23 Current Budget	YTD % Budget Expended
\$2.70	14%

FY23 Funding Sources	YTD Expended
Formula	\$0.01
PRIIA	
Other	
Federal Subtotal	\$0.01
System Performance	\$0.00
Reimbursable/Other	
DC Dedicated Funding	\$0.01
MD Dedicated Funding	\$0.01
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.32
Debt	\$0.29
Net Accruals	\$0.04
Total FY23 Expenditures	\$0.37



(CIP0370)

**Top 30 Active Contracts by Allocated CIP Value** 



#### (CIP0372) Station Revitalization

#### FY2023 Q4

Initiative Type: Project

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

#### **Description**

This project will replace station systems including fire alarm systems, closed circuit television cameras, public address systems, lighting, station tile, customer information digital displays, static station signage and wayfinding at 18 stations (Farragut West, Judiciary Square, Union Station, National Airport, Mt. Vernon Square, Smithsonian, Federal Center SW, L'Enfant Plaza, Waterfront, McPherson Sq, Federal Triangle, Metro Center, Farragut North, Gallery Place, Archives, Foggy Bottom, Rosslyn and Court House)

#### **Expected Outcome**

Improve customer safety, upgrade information systems, and maintain fire and life safety assets in a state of good repair.

#### Mode: Rail

Location: Systemwide



#### **Strategic Drivers**







#### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Staff augmentation started in Q2 FY23. Project development is on hold pending approvals.

FY23 Current Budget	YTD % Budget Expended
\$8.17	1%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.04
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.04
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.04



(CIP0372)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP

Notes: All figures are preliminary and unaudited.



### (CIP0373) Equipment to Support New Radio System

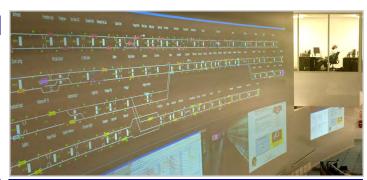
### FY2023 Q4

Initiative Type: Project
Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

### **Description**

This project renovates and relocates radio equipment at the Jackson Graham Building, upgrades CTF Operation Control Center equipment, and installs duct bank at the Alexandria, VA Office Building.



### **Expected Outcome**

### **Strategic Drivers**







**Overall Status** 

### **Budget and Funding (\$ Millions)**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

99% complete at Carmen Turner Facility and Pennsy Dr., 98% done at L'Enfant and Mt. Vernon. Furniture removal from Jackson Graham Building was completed. Full completion in Q1 FY24.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$56.07
Debt	\$56.07
Net Accruals	\$0.16
Total FY23 Expenditures	\$56.23



(CIP0373)			Top 30 Active	Contracts b	y Allocated (	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
CIRPGEMRG 22001	Kiewit Infrastructure Company	CONSULT	\$50,000,000	\$50,000,000	1/8/2022	1/12/2023



### (CIP0374) Infrastructure Improvements Solar Power Installation

### FY2023 Q4

Mode:

Initiative Type: **Project** Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

Systemwide Location: Systemwide

### **Description**

This project supports the installation of solar carports at four Metro sites: Anacostia, Southern Ave, Naylor Road, and Cheverly. The 12.6 acres of solar panels will collectively generate nearly 10MW of electrical capacity.



### **Expected Outcome**

Part of Metro's sustainability initiatives and Energy Action Plan, this project will help advance the Clean Energy DC Plan seeking to cut carbon emissions in half and transition to 100 percent renewable energy by 2032. The project supports the authority's operating budget through longterm revenue and improved customer amenities, especially: covered parking (offers shade and weather protection), improved light-emitting diode (LED) lighting, new security cameras, and emergency call boxes.

### **Strategic Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

At the Anacostia station, infrastructure improvements have been put into service except for the solar power system which continues to be delayed. Work at Sothern Ave. for utillity interconnection was completed while CCTV, lighting and GETs phones advanced. Interconnection work at Naylor Road has been delayed and the work at Cheverly has started.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	\$0.79
MD Dedicated Funding	\$0.74
VA Non-Restricted Dedicated Funding	\$0.53
VA Restricted Dedicated Funding	\$0.16
Local Subtotal	\$8.87
Debt	\$6.65
Net Accruals	\$0.33
Total FY23 Expenditures	\$9.20



(CIP0374)		T	op 30 Active	Contracts b	y Allocated C	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
20-01-SOLAR -A	Solar Star Track Anacostia LLC	CONSTRUCTION	\$10,056,840	\$13,337,905	1/6/2020	1/6/2030



### (CIP0375) Shaft Structural Rehabilitation - 7 Shafts

### FY2023 Q4

Mode:

Location:

Systemwide

Systemwide

Initiative Type: Project
Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

### **Description**

This project rehabilitates seven shafts to address damage to the structure from water infiltration, including repairs to grouting, concrete, ladders, stairs, electrical equipment, bollards, and drainage systems.



### **Expected Outcome**

Addresses the state of good repair deficiencies to bring these assets into good working order, mitigating the risk of failure and injury to employees and customers.

### **Strategic Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

Procurements to solicit this work are anticipated to be released in the Fall of 2023, including soliciation of work to perforam a fall proection assessment.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.99
Debt	\$0.99
Net Accruals	\$0.10
Total FY23 Expenditures	\$1.09



(CIP0375)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP0378) Metro Strategic Transformation Plan

### FY2023 Q4

Initiative Type: Project
Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide Location: Systemwide

### **Description**

This project creates a new strategic plan for Metro. The strategic plan will be developed by the Board, jurisdictional partners, customers, and staff to move the organization forward.



### **Expected Outcome**

Creates a new strategic plan to align the organization to deliver services in accordance with customer and jurisdictional needs.

### **Strategic Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Q4 work included staff augmentation for the Transformation Office, completing multiple sprint process reviews. Work is anticiapted to continue at least through Q1 of FY2024.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$3.14
Reimbursable/Other	
DC Dedicated Funding	\$0.35
MD Dedicated Funding	\$0.33
VA Non-Restricted Dedicated Funding	\$0.23
VA Restricted Dedicated Funding	\$0.07
Local Subtotal	\$4.13
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$4.13



(CIP0378)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP8007) D&E Electrical Improvements

### FY2023 Q4

Initiative Type: Mode: Rail Program

Investment Program: Power Location: Systemwide

Investment Category: Rail Systems

### **Description**

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



### **Expected Outcome**

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

### **Strategic Drivers**





Reliability/SGR

### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

There is currently no planned activity for FY2023.

### **Budget and Funding (\$ Millions)**

FY23 Current Budget	YTD % Budget Expended
\$0.52	-28%

Security

FY23 Funding Sources	YTD Expended		
Formula			
PRIIA			
Other			
Federal Subtotal			
System Performance			
Reimbursable/Other			
DC Dedicated Funding	\$0.03		
MD Dedicated Funding	\$0.03		
VA Non-Restricted Dedicated Funding	\$0.02		
VA Restricted Dedicated Funding	\$0.01		
Local Subtotal	\$0.08		
Debt			
Net Accruals	(\$0.23)		
Total FY23 Expenditures	(\$0.15)		



(CIP8007)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP8009) D&E ATC & Comms Improvemnts

### FY2023 Q4

Initiative Type:

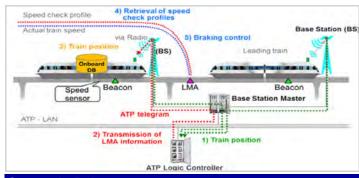
Investment Program: Signals & Communications

Investment Category: Rail Systems

Description

Mode:

Location:



### **Expected Outcome**





### **Overall Status**

Development & Evaluation	
Implementation & Construction	$\bigcirc$
Operations Activation	

No activity on this project in this quarter.

FY23 Current Budget	YTD % Budget Expended		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.01
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.01
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.01



(CIP8009)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP8011) D&E Fixed Rail Improvements

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Fixed Rail

Investment Category: Track and Structures Rehabilitation

### **Description**

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

### **Expected Outcome**

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

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The Frog design study was completed and a Phase II plan for testing the designs over a two year period is being developed. Separately, the staff augmentation contractor is preparing a restrating rail study with work anticipated to begin in FY2024.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.02
Reimbursable/Other	
DC Dedicated Funding	\$0.09
MD Dedicated Funding	\$0.08
VA Non-Restricted Dedicated Funding	\$0.06
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$0.27
Debt	
Net Accruals	
Total FY23 Expenditures	\$0.27



(CIP8011)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
F15190_A	AECOM Technicial Services Inc	CONSULT	\$351,531	\$351,531	1/3/2018	1/3/2023



### (CIP8013) D&E Track Structures Improvements

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Structures

Investment Category: Track and Structures Rehabilitation

### Description

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

### **Expected Outcome**

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

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Staff augmentation contractor continues to assist with Wayside Planning Maintenance implemenation.

FY23 Current Budget	YTD % Budget Expended
\$2.80	68%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$1.32
Reimbursable/Other	
DC Dedicated Funding	\$0.21
MD Dedicated Funding	\$0.19
VA Non-Restricted Dedicated Funding	\$0.14
VA Restricted Dedicated Funding	\$0.04
Local Subtotal	\$1.89
Debt	
Net Accruals	\$0.02
Total FY23 Expenditures	\$1.92



(CIP8013)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ15190- FY19	HNTB Corporation	CONSULT	\$6,000,000	\$380,400	1/11/2018	1/3/2023



### (CIP8015) D&E Rail Station Improvements

### FY2023 Q4

Initiative Type: Program

Investment Program: Platforms & Structures

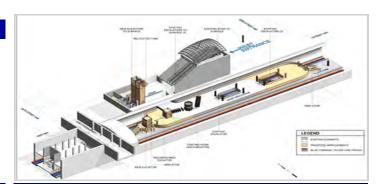
Investment Category: Stations and Passenger Facilities

### **Description**

This program provides surveys, studies, engineering, and designs to support platform and structures improvement efforts that may lead to future capital initiatives.

Mode: Rail

Location: Systemwide



### **Expected Outcome**

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

### Strategic Drivers







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Work associated with the study at Columbia Heights is ongoing.

FY23 Current Budget	YTD % Budget Expended
\$4.18	13%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.55
Reimbursable/Other	
DC Dedicated Funding	\$0.00
MD Dedicated Funding	\$0.00
VA Non-Restricted Dedicated Funding	\$0.00
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.56
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.56



(CIP8015)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP8019) D&E Passenger Facility Improvements

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Program

Investment Program: Station Systems

Investment Category: Stations and Passenger Facilities

### **Description**

This program identifies improvements needed for Metro's passenger facilities. Supports the development of designs and evaluates potential solutions.

### CAR DESTINATION MIN **Frnconia** , 6 6 **Hntingtn** 9 8 **M** 6 **Frnconia** 18 **Hntingtn** 8 YL **Frnconia** 6 BL

### **Expected Outcome**

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

# Strategic Drivers A property of the control of the

## Safety

### **Budget and Funding (\$ Millions)**

FY23 Current Budget	YTD % Budget Expended
\$0.55	72%

Security

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.39
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.39
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.39

# Overall Status

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

The repair of damaged signs and other related tasks are ongoing.

Reliability/SGR



(CIP8019)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
C20180	Laz Parking Mid-Atlantic, LLC	EQUIP_MATL	\$732,448	\$578,650	1/3/2021	1/2/2022



### (CIP8021) D&E Bus & Paratransit Improvements

### FY2023 Q4

Mode:

Location:

Bus

Systemwide

Initiative Type: Program

Investment Program: Acquisition

Investment Category: Bus, Bus Facilities & Paratransit

### **Description**

This program provides surveys, studies, engineering, and designs related to new bus and paratransit efforts that may lead to future capital initiatives. Metro will evaluate the feasibility of transitioning some of its bus fleet to electric vehicles and develop preliminary plans for infrastructure requirements to support an electric bus fleet.

# metrobus M

### **Expected Outcome**

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

### **Strategic Drivers**





### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Battery Electric Bus support has been transferred to CIP0355.

FY23 Current Budget	YTD % Budget Expended
\$0.23	0%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.00
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.00
Debt	
Net Accruals	\$0.00
Total FY23 Expenditures	\$0.00



(CIP8021)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP8025) D&E Bus Maintenance Facility Improvements

### FY2023 Q4

Initiative Type: Program

Investment Program: Maintenance Facilities

Investment Category: Bus, Bus Facilities & Paratransit

### **Description**

This program provides surveys, studies, engineering, and designs related to new bus maintenance facility needs that may lead to future capital initiatives.

Mode: Bus

Location: Systemwide



### **Expected Outcome**

Supports efforts to identify rehabilitation or replacement needs of bus maintenance facilities and develop and evaluate potential solutions before committing to investments.

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Design work to revise the configuration of the Carmen Turner Facility is underway.

FY23 Current Budget	YTD % Budget Expended
\$0.20	318%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.45
Reimbursable/Other	
DC Dedicated Funding	\$0.02
MD Dedicated Funding	\$0.01
VA Non-Restricted Dedicated Funding	\$0.01
VA Restricted Dedicated Funding	\$0.00
Local Subtotal	\$0.50
Debt	
Net Accruals	\$0.14
Total FY23 Expenditures	\$0.64



(CIP8025)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP8026) Future Bus Maintenance Facilities

### FY2023 Q4

Initiative Type: Program

Investment Program: Maintenance Facilities

Investment Category: Bus, Bus Facilities & Paratransit

### **Description**

This program identifies new bus maintenance facility investment needs with the potential to develop into future projects based on outcomes of the development and evaluation process.

Mode: Bus

Location: Systemwide



### **Expected Outcome**

Identifies potential future investments as developments and evaluation efforts are undertaken to assess alternatives.

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Concept designs and environmental analysis needed to plan the Western Bus Garage replacement project are anticiapted in FY2024. Future work beyond analysis and planning will be aligned to CIP0376.

FY23 Current Budget	YTD % Budget Expended
\$0.50	341%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$0.90
Reimbursable/Other	
DC Dedicated Funding	\$0.08
MD Dedicated Funding	\$0.08
VA Non-Restricted Dedicated Funding	\$0.05
VA Restricted Dedicated Funding	\$0.02
Local Subtotal	\$1.12
Debt	
Net Accruals	\$0.58
Total FY23 Expenditures	\$1.71



(CIP8026)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CIP8029) D&E Information Technology Improvements

### FY2023 Q4

Mode:

Initiative Type: Program
Investment Program: IT

Investment Category: Business & Operations Support

### Description

This program identifies emerging information technology needs and develops and evaluates potential capital initiatives.

### **Expected Outcome**

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

### **Strategic Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Software licensing expenses continue to be aligned to this project while work associated the HR Workflow Management Tracking, New Employee Onboarding Document Submission and Resume Parsing Systems is being realigned to CIP8030. The employee health records task is delayed with anticipated award in FY2024.

### **Budget and Funding (\$ Millions)**

Systemwide

Location: Systemwide

FY23 Current Budget	YTD % Budget Expended
\$18.19	38%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	\$6.05
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$6.05
Debt	
Net Accruals	\$0.85
Total FY23 Expenditures	\$6.90



### (CIP8029) **Top 30 Active Contracts by Allocated CIP Value Allocated** Contract **Contract** Contract Contract Vendor **Activity Number** Value **CIP Value Start Date Expiration Date** CIT01211229 CAS Severn Inc CONSULT \$1,351,386 \$608,193 1/6/2021 1/12/2023 CIT01222223 Insight Public Sector, Inc. CONSULT \$784,200 \$784,200 1/5/2022 1/4/2023 CIT01222220-Carahsoft Technology IT\_SOFTWARE\_OT \$534,434 \$534,434 1/4/2022 1/4/2023 COOP CIT01211138 \$511,912 1/6/2021 1/10/2023 Insight Public Sector, Inc. CONSULT \$511,912 CQ19009 Optiv Security Inc IT\_SOFTWARE\_OT \$439,504 \$187,739 1/3/2019 1/10/2022 Annuk Incorporated CIT01222216 IT\_SOFTWARE\_OT \$184,608 1/5/2022 1/2/2023 \$247,074 CATS20101 Ignyte Group CONSULT \$243,648 \$243,648 1/8/2022 1/8/2023 CIT01222076 Novacoast Federal Inc \$202,496 1/1/2022 1/1/2023 IT\_HARDWARE\_OT \$202,496 CATS20101-1/8/2022 22nd Century CONSULT \$153,120 \$153,120 1/8/2023 22ND Technologies Inc



### (CRB0005) Planning Support for the District of Columbia

### FY2023 Q4

Mode:

Initiative Type: Program

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

### **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.

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### **Expected 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 Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continued studies at various locations.

### **Budget and Funding (\$ Millions)**

Systemwide

Location: District of Columbia

FY23 Current Budget	YTD % Budget Expended
\$1.09	196%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$2.17
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$2.17
Debt	
Net Accruals	(\$0.04)
Total FY23 Expenditures	\$2.14



(CRB0005	)		Top 30 Active	e Contracts	by Allocated	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
FQ15190D	WSP USA Inc.	CONSULT	\$5,000,000	\$529,052	1/3/2018	1/12/2023



### (CRB0009) Planning Support for Maryland Jurisdictions

### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services
Investment Category: Business & Operations Support

Mode: Systemwide
Location: State of 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.



### **Expected 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 Drivers**







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continued studies at various locations.

FY23 Current Budget	YTD % Budget Expended
\$0.94	91%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$1.19
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$1.19
Debt	
Net Accruals	(\$0.34)
Total FY23 Expenditures	\$0.85



(CRB0009)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CRB0013) Potomac Yard Station Construction

### FY2023 Q4

Mode:

Location:

Rail

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

### **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.

# MEZZANYE BUTRACE BUT

Commonwealth of Virginia

### **Expected Outcome**

Increases access to Metrorail in the City of Alexandria, accommodating economic development, reduced vehicle traffic, and improved quality of life in in the City of Alexandria and the surrounding community.

### **Strategic Drivers**





### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Station opened on May 19, 2023 after receipt of safety certification and occupancy permits. Post-opening punchlist work associated with trailer demobilization and restoration of parkland continued in Q4.

FY23 Current Budget	YTD % Budget Expended
\$32.21	195%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$66.07
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$66.07
Debt	
Net Accruals	(\$3.21)
Total FY23 Expenditures	\$62.87



(CRB0013)			Top 30 Active	e Contracts	by Allocated	CIP Value
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FQ16146	Potomac Yard Constructors A JV	DESIGN_BUILD	\$263,400,000	\$1,400,000	1/9/2018	1/3/2022



### (CRB0018) Planning Support for Virginia Jurisdictions

### FY2023 Q4

Initiative Type: Program

Investment Program: Support Equipment/Services Investment Category: Business & Operations Support

### **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.

### **Expected 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.

### Mode: Systemwide

Location: Commonwealth of Virginia



### Strategic Drivers







### **Overall Status**

(Programs are ongoing)

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Continued studies at various locations.

FY23 Current Budget	YTD % Budget Expended
\$1.08	130%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$1.37
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$1.37
Debt	
Net Accruals	\$0.04
Total FY23 Expenditures	\$1.41



(CRB0018)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CRB0019\_19) Silver Line Phase 1 Railcars

### FY2023 Q4

Mode:

Rail

Location: Systemwide

Initiative Type: Project

Investment Program: Acquisition

Investment Category: Railcar and Railcar Facilities

### **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.

# 7004

### **Expected Outcome**

Provides additional railcars necessary for the phase 1 portion of the new Silver Line rail service. All railcars have been received.

# Strategic Drivers





### **Overall Status**

Development & Evaluation	
Implementation & Construction	O
Operations Activation	

Kawasaki continues work on the following milestones: • Special Tools and Test Equipment • Delivery and Acceptance of as Built Drawings • Final Acceptance of the User Education Program • Final Acceptance of All Operation and Maintenance Manuals and Spare Parts Catalogs • Final Acceptance of All Portable and Bench Test Equipment • Final Acceptance of As Built Drawings

FY23 Current Budget	YTD % Budget Expended
\$5.48	30%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$1.66
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$1.66
Debt	
Net Accruals	
Total FY23 Expenditures	\$1.66



(CRB0019\_19)

**Top 30 Active Contracts by Allocated CIP Value** 

There are no active contracts associated with this CIP

Notes: All figures are preliminary and unaudited.



### (CRB0020) Silver Line Phase 2 Construction Support

### FY2023 Q4

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

### **Description**

This project supports Phase 2 construction, integration, and infrastructure improvements for the Silver Line extension of six stations. This project is managed and funded by the Metropolitan Washington Airports Authority

Mode: Rail

Location: Commonwealth of Virginia



### **Expected 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 Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Punchlist items continue to be addressed including, but not limited to final signage and art work, as-built drawings, and receipt of furniture, equipment, and vehicles.

FY23 Current Budget	YTD % Budget Expended
\$3.28	458%

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$15.21
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$15.21
Debt	
Net Accruals	(\$0.20)
Total FY23 Expenditures	\$15.01



(CRB0020)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value	Contract Start Date	Contract Expiration Date
FDULS211272	Mott MacDonald I&E, LLC	CONSULT	\$4,133,951	\$4,133,950	1/8/2021	1/11/2022
FSVMT21105 5-ACM-A	Criswell Chevrolet	VEHICLES_RAIL	\$620,384	\$620,384	1/4/2021	1/4/2022
FSVMT21105 5-ACM (B)	Brian Hoskins Ford	VEHICLES_RAIL	\$352,760	\$352,760	1/3/2021	1/3/2022
FIT01222091	Business Marketers Group Inc	EQUIP_MATL	\$349,360	\$349,360	1/1/2022	1/7/2022
FDULS22214 1	DeSimone Consulting Engineers Group LLC	CONSULT	\$136,592	\$136,592	1/4/2022	1/4/2027



### (CRB0020\_01) Silver Line Phase 2 Railcars

### FY2023 Q4

Mode:

Location:

Rail

Systemwide

Initiative Type: Project

Investment Program: Acquisition

Investment Category: Railcar and Railcar Facilities

### **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.

### **Expected Outcome**

Provides additional railcars necessary for the phase 2 portion of the new Silver Line rail service. All railcars have been received.

### **Strategic Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

Work associated with railcar acceptance, warranty items (both two- and five-year warranties), and reliability testing is on-going.

FY23 Current Budget	YTD % Budget Expended
\$1.20	

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	
Debt	
Net Accruals	
Total FY23 Expenditures	



(CRB0020\_01)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CRB0127) Purple Line Construction Support

### FY2023 Q4

Initiative Type: Project

Investment Program: Platforms & Structures

Investment Category: Stations and Passenger Facilities

### **Description**

This project supports the 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.

### **Expected Outcome**

Supports future multi-modal connections that will increase transit access in the region. Increases passengers flexibility and convenience.

### Mode: Rail Location: Maryland



### **Strategic Drivers**







### **Overall Status**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

Work continues at all four stations where Purple Line connects to Metrorail. Highlights include platform work starting at Silver Spring and the College Park station foundation begin started.

FY23 Current Budget	YTD % Budget Expended		
\$4.71	114%		

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$5.91
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$5.91
Debt	
Net Accruals	(\$0.57)
Total FY23 Expenditures	\$5.34



(CRB0127)

**Top 30 Active Contracts by Allocated CIP Value** 



### (CRB0136) McLean Station - New Entrance

### FY2023 Q4

Location:

Initiative Type: Project Mode: Rail

Investment Program: Signals & Communications

Investment Category: Rail Systems

### **Description**

Construction of a new second entrance to McLean Station.



### **Expected Outcome**

### **Strategic Drivers**







### **Overall Status**

### **Budget and Funding (\$ Millions)**

Development & Evaluation	
Implementation & Construction	
Operations Activation	

While the project is progessing, there have been some delays in regulatory approvals -- permits and site plan, specifically. These delays may push project completion into calendar year 2024.

FY23 Current Budget	YTD % Budget Expended

FY23 Funding Sources	YTD Expended
Formula	
PRIIA	
Other	
Federal Subtotal	
System Performance	
Reimbursable/Other	\$0.38
DC Dedicated Funding	
MD Dedicated Funding	
VA Non-Restricted Dedicated Funding	
VA Restricted Dedicated Funding	
Local Subtotal	\$0.38
Debt	
Net Accruals	\$0.06
Total FY23 Expenditures	\$0.44



(CRB0136)		Top 30 Active Contracts by Allocated CIP Value				
Contract Number	Vendor	Activity	Contract Value	Allocated CIP Value		Contract Expiration Date
	F.H. Paschen, S.N. Nielsen & Assoc., LLC	CONSTRUCTION	\$229,483	\$172,388	1/6/2023	1/8/2023