

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

Capital Improvement Program Progress Report



Fiscal Year 2020 Quarter 4

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OVERVIEW

Metro's Capital Improvement Program

Metro's FY2020-FY2025 Capital Improvement Program (CIP) totals \$9.45 billion with funding from the federal government, state and local contributions, and other sources. Metro's FY2020 capital budget, as amended by the Board of Directors on June 27, 2019, is \$1.76 billion.

The six-year CIP is focused on safety, state of good repair, and system preservation requirements identified in the Capital Needs Forecast (CNF). The plan also includes targeted investments to drive operating efficiency and improvements that will support service reliability, sustainability, and customer experience.

Metro's capital program is grouped into six major Investment Categories: Railcar, Rail Systems, Track & Structures Rehabilitation, Stations & Passenger Facilities, Bus & Paratransit, and Business Support.

Reporting Requirements

The Capital Funding Agreement (CFA) and each of the Dedicated Funding (DF) agreements require Metro to report quarterly on progress in use of funding for capital investments. This Capital Improvement Progress report provides information consistent with the requirements of those agreements.

This report includes a narrative summary of capital investment highlights through the most recent quarter and financial tables detailing capital expenditures, jurisdictional contributions, fund sources aligned to capital projects, changes to the current year capital budget, the status of projects and programs, and recent capital procurement awards. As this is an interim progress report, all figures are preliminary and subject to change.

Capital Funding Agreement

The CFA between WMATA, the District of Columbia, the Commonwealth of Maryland, Arlington County, Virginia, Fairfax County, Virginia, and the Cities of Alexandria, Falls Church, and Fairfax, Virginia establishes the terms and conditions for the receipt, use, and reporting of jurisdictional capital contributions made to support the WMATA Capital Program. Most recently, it was renewed on October 30, 2019 for a one-year period covering WMATA's Fiscal Year 2020.

Dedicated Funding Agreements

In 2018, the Commonwealth of Virginia, the State of Maryland, and the District of Columbia approved a combined \$500 million in new dedicated capital funding for the Washington Metropolitan Area Transit Authority (Metro) to restore its assets to a state of good repair and improve the safety and reliability of the Metro system. Over the past year, Metro has negotiated and signed individual DF agreements with Virginia (May 1, 2019), Maryland (September 26, 2019), and the District of Columbia (February 14, 2020).

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CAPITAL IMPROVEMENT PROGRAM

Through FY2020, Metro continued the aggressive delivery of capital projects to improve the safety, sustainability and reliability of the transit system.

Full platform reconstruction and infrastructure improvements to six Blue and Yellow line stations south of Ronald Reagan Washington National Airport was completed at the end of Q1. In late Q2 of FY2020, Metro awarded a \$257 million contract for the second phase of the Stations Platform Rehabilitation project. Demolition, rehabilitation, construction, and testing, are currently ongoing at Vienna, Dunn Loring, West Falls Church, and East Falls Church. An additional shutdown of the Silver Line stations will permit Metro to simultaneously complete this summer's work while enabling MWAA to complete work needed for the integration of the Silver Line Phase 2.

In Q2, Metro completed a multi-year \$176 million capital investment that has delivered 145 new escalators for rail customers since 2011, with the final new escalator placed in service at Court House Station approximately a month ahead of schedule.

Metro and the nation's leading wireless carriers - AT&T, Sprint, T-Mobile and Verizon Wireless - partnered to bring calling, texting, and streaming abilities to riders on the entire length of the Green Line and most of the Yellow Line in late Q2. Work is continuing on several remaining segments of the 100 miles of Metrorail tunnel track.

During Q3, Metro announced plans for redevelopment of its current downtown Washington headquarters site, the Jackson Graham Building. The real estate transaction will generate long-term revenue for Metro over the term of a 99-year ground lease agreement. Working with Prince George's County, Metro also updated a master plan for an urbanized town center that includes Metro's future office building at New Carrollton. The site will create a more attractive, walkable community connected by one of the region's largest transit hubs with access to Metro, Amtrak, MARC, Greyhound and the MTA Purple Line.

The 2019 Annual Sustainability Report, released in Q4, highlights Metro's value to the region and the economic prosperity, livability, accessibility and environmental impacts of the system. In Q4, Metro advanced these sustainability goals by entering into a ground lease with a solar developer to install and operate solar panels at four Metro stations.

During Q4, Metro took advantage of low ridership due to the Covid-19 pandemic to accelerate track work through a series of mini-surge shutdowns targeting the Yellow and Green Lines.

Metro conditionally accepted its 748th and final 7000-Series railcar in Q4. The 7000-Series railcars have replaced legacy 1000,4000 and 5000-Series cars.

Finally, Metro awarded a Design-Build contract in Q4 to rebuild and modernize the Bladensburg Bus Garage in Northeast Washington, D.C. to meet LEED certification requirements.

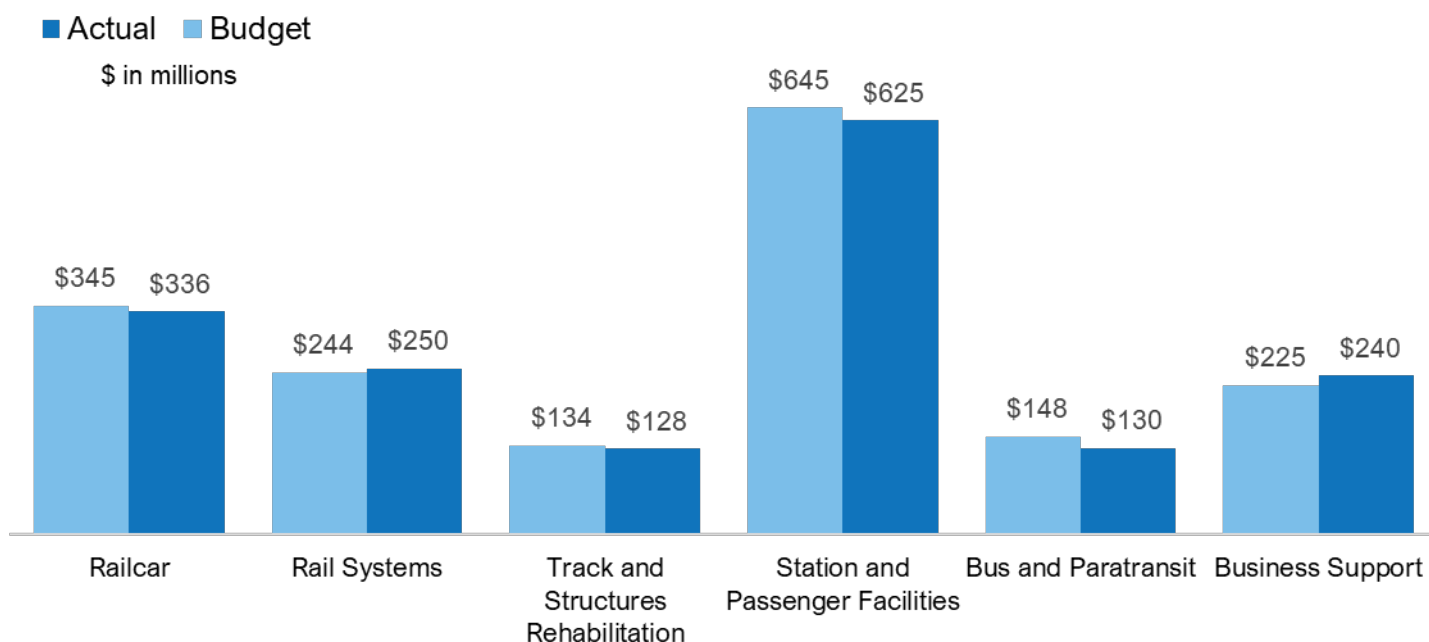
CAPITAL IMPROVEMENT PROGRAM (CONTINUED)

Through Q4 of FY2020, Metro invested \$1.709 billion in the Capital Improvement Program, 98% of the \$1.740 billion FY2020 budget.

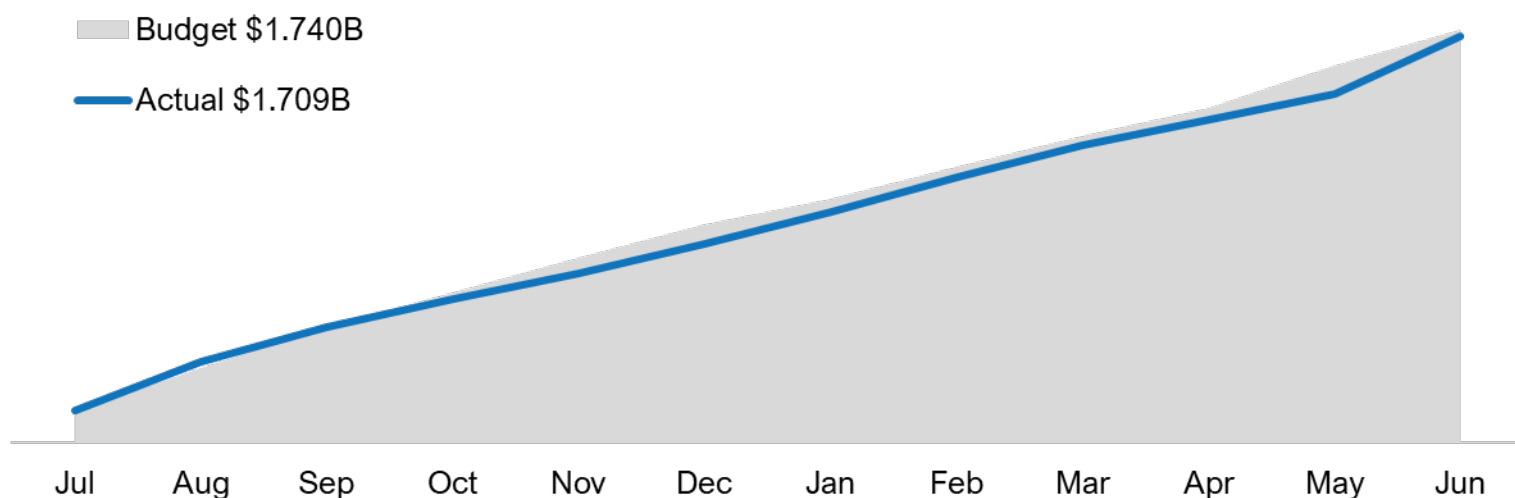
In Q4, Metro took advantage of low ridership by accelerating track and rail systems through summer shutdowns (continuing in FY2021), as well as work on the Alexandria ATC rehabilitation. While Rail Systems and Business Support investments exceeded projections, Covid-19 impacted Track and Structures, Railcar, and Stations and Passenger Facilities investments due to work restrictions, modified work schedules, and equipment production and delivery delays. Schedule delays in the delivery of bus fleet vehicles, and the procurement of Access sedans limited Bus & Paratransit investment totals.

Figures presented in this section are preliminary and unaudited.

Budget vs Actual by Investment Category Q4 YTD

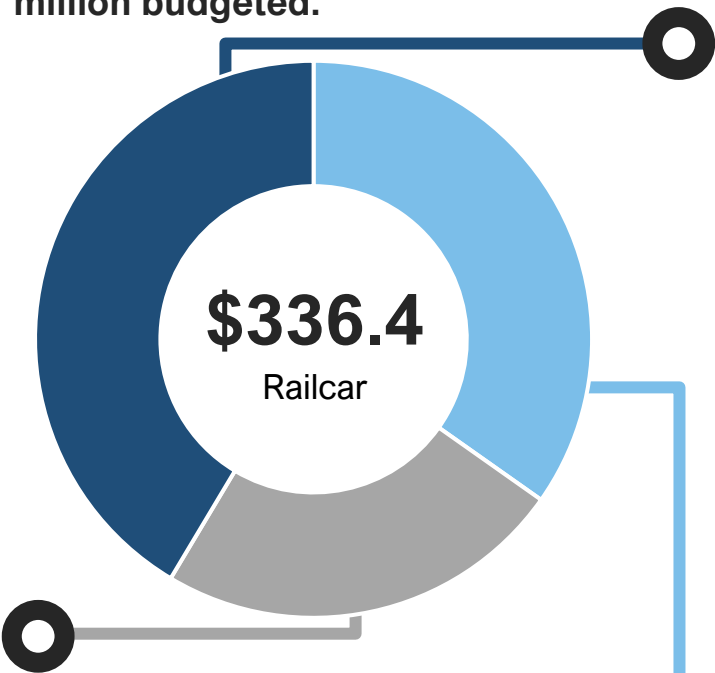


Capital Expenditures by Month



RAILCAR INVESTMENTS

Through Q4 of FY2020, Metro invested \$336.4 million in Railcar, 98% of the \$344.6 million budgeted.



Maintenance Facilities – \$80.1M

The fabrication and installation of non-metallic handrails for the Alexandria Rail Yard Service and Inspection (S/I) Shop will be continued in Q1 of FY2021 due to a procurement delay. The installation will improve worker safety.

Metro completed the installation of LED lighting improvements to the Alexandria S/I shop which will improve visibility and reduce energy use.



Acquisition – \$139.5M

In May 2020, Metro conditionally accepted its 748th and final 7000-Series railcar. WMATA continues to work with the manufacturer and sub-contractors on various outstanding modifications for software upgrades, railcar door wiring, and training for railcar maintenance.

In Q4, Metro continued to arrange meetings with bidding vendors to receive “Best and Final Offers” for the 8000 Series contract proposals. This final phase of the evaluation process is anticipated to conclude with a winning bidder selected. The revised estimate for the contract award and Notice to Proceed for the 8000-Series railcars is Q2 of FY2021.

Metro’s Performance Report includes specific data on Mean Distance Between Delay (MDBD) for the fleet. Note that Metro has increased its MDBD performance target for the fleet by 44%, from 90,000 in FY2019 to 130,000 in FY2020 due largely to the greater reliability of the 7000-Series railcars. This increased reliability has resulted in fewer rail disruptions and offloads.

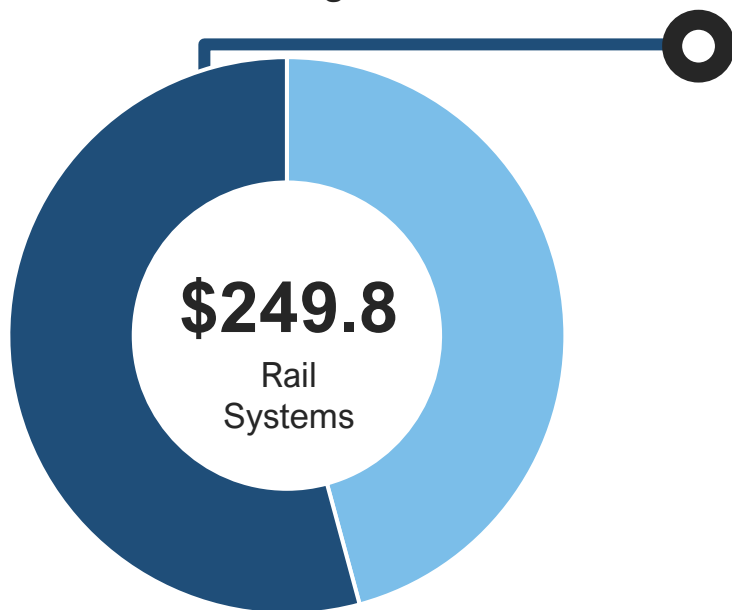
Maintenance/Overhaul – \$116.8M

Metro’s Railcar Rehabilitation Program supports the Scheduled Maintenance Service (SMS) of railcars. Specific deliverables include addressing 3000-Series air compressors, HVAC conversions, truck assemblies, and other components; as well as 6000-Series truck assemblies. Through Q4, Metro completed 74 of 90 rehabilitations scheduled in FY2020 for the 2000/3000-Series. Likewise, of the 104 planned rehabilitations for the 6000-Series, 84 were completed through the end of Q4. Covid-19 resulted in program delivery delays due to alternating work schedules and social distancing measures among crews.

Metro’s performance target for railcar availability is 98%, which makes ongoing rail fleet preventative maintenance critical. Metro’s Performance Report includes specific railcar service data.

RAIL SYSTEMS INVESTMENTS

Through Q4 of FY2020, Metro invested \$249.8 million in Rail Systems, 102% of the \$243.8 million budgeted.



Signals & Communications – \$135.4M

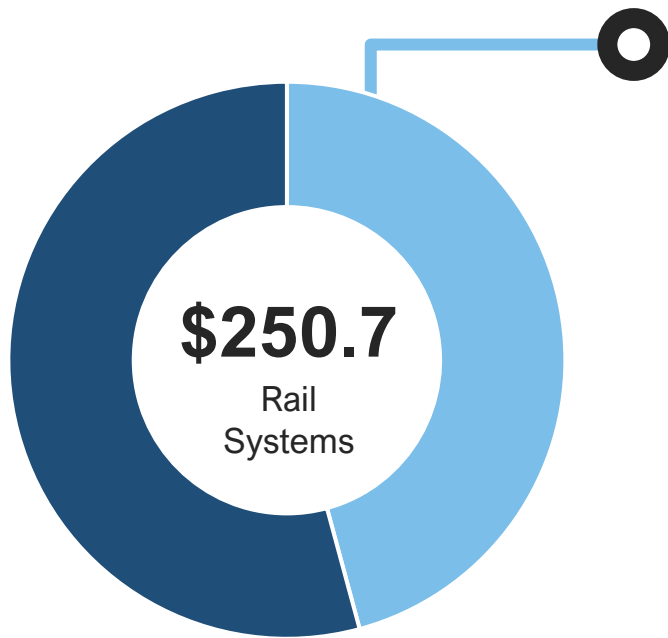
Metro continued to install fiber cable as part of the Radio Infrastructure Replacement project in Q4. The expected completion of cable installation on the Red Line north of Dupont Circle is Q2 of FY2021 due to delays resulting from Covid-19. Once cellular carriers initiate wireless service on the Red Line, the Yellow line from L'Enfant Plaza to the Potomac River portal and the one-mile Silver Line tunnel in Tysons in FY2021, all 100 miles of Metrorail tunnel track will have cellular and data service available for riders to talk, text and stream. This project also enhances safety - in the event of an emergency, customers and employees can communicate more easily with first responders while underground.

Metro also continued to fabricate the Alexandria Yard train control bungalows, install and test power supplies at various locations, and conduct training for the new Switch Machine power supplies replacements as part of the Automatic Train Control (ATC) SOGR Program. ATC equipment provides train position, rudimentary communication between the train and wayside, and automatic control of train speed and spacing of trains.



Asset	FY2020 Plan	FYTD Progress	Completion Percentage	Notes
SGR Switch Replacement – Mainline	20	4	20%	Delays due to Covid-19 in Q4 and switch procurement
SGR Switch Replacement – B99	52	18	35%	Delays due to Covid-19 in Q4 and switch procurement

RAIL SYSTEMS INVESTMENTS (CONTINUED)



Propulsion – \$114.4M

In the 8-Car Train Power Upgrade project, Metro completed installation of Tie Breaker Station equipment at Van Dorn Street and King Street, while continuing to install equipment at West Hyattsville, College Park and Silver Spring. Metro also began installation of Traction Power Substation (TPSS) equipment at Pentagon City and a transformer at the Cameron Run TPSS in Q4.

Metro is advancing the second large-scale TPSS and Tie Breaker Station equipment supply and installment contract, and anticipates receiving equipment for the West Falls Church Yard in Q2 of FY2021. In Q4, Metro continued transformer installs at Brookland, Rockville, and Shady Grove Yard. Metro also began transformer installs at West Hyattsville, Grosvenor-Strathmore, Twinbrook, and Shady Grove. Metro is preparing a procurement package for the replacement and relocation of the Rosslyn cable tray.

Construction continues on AC Switchgear replacements at Silver Spring and Gallery Place and began at Deanwood. Replacement at East Falls Church and Vienna will be complete in Q2 of FY2021 after the conclusion of Phase 2 of the Platform Rehabilitation Program. Metro is preparing a solicitation for AC Switchgear replacement at nine additional locations.

Asset	FY2020 Plan	FYTD Progress	Completion Percentage	Notes
Cable Replacements (LF)	23,200	46,828	202%	
Cable Additions (LF)	14,000	16,766	120%	
Cable Meggering	2,400	2,113	88%	Progress delayed by Covid-19 impacts in Q4
Uninterruptable Power Supply Replacement	21	27	129%	

TRACK & STRUCTURES REHABILITATION INVESTMENTS

Through Q4 of FY2020, Metro invested \$127.7 million in Track & Structures Rehabilitation, 95% of the \$134.2 million budgeted.

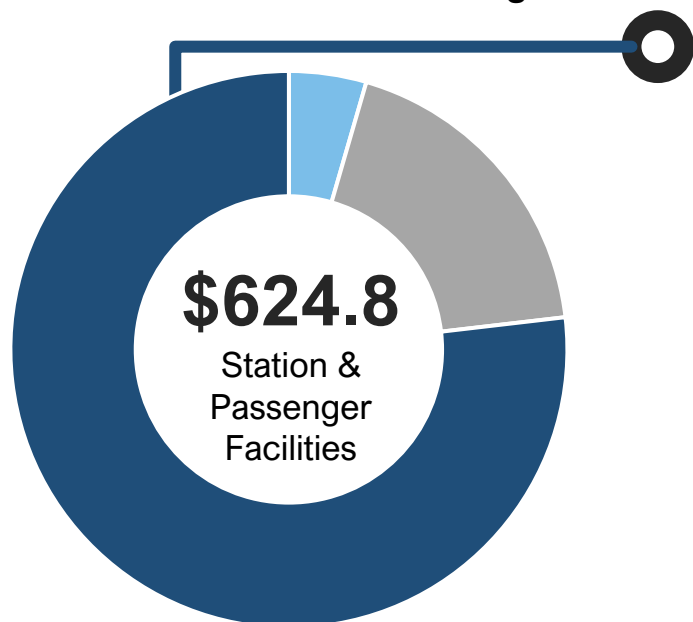
The Track and Structures Rehabilitation Program helps ensure a safe and reliable rail system through comprehensive inspection, maintenance and rehabilitation that enhance the condition of the tracks, guideways, and structures.

Asset	FY2020 Plan	FYTD Progress	Completion Percentage	Notes
Concrete Restoration (SF)	2,200	11,843	538%	Productivity exceeded expectations. Improving work planning for FY2021
Crossties Replaced	9,000	6,352*	71%	
Deck Joint Replacement (LF)	1,000	3,130	313%	High production during South of National Shutdown
Direct Fixation Fasteners Replaced	42,000	32,369*	77%	FY2020 work completed in FY2019
Drain Rodding (LF)	140,000	135,756*	97%	
Grout Pad Rehabilitation (LF)	40,000	25,226*	63%	Delays caused by silica dust safety concerns
Joint Elimination	1,000	644*	64%	Reduced open joint backlog
Leak Mitigation	2,700	4,659	173%	Productivity exceeded expectations. Improving work planning for FY2021
Running Rail Renewal (MI)	15	8.1*	54%	Orange Line rail renewal deferred due to the Summer Platform Shutdown limiting access
Third Rail Insulator Replacement	9,000	2,681*	30%	NFPA related shortage of materials
Third Rail Rehabilitation (MI)	2.5	0.54*	22%	NFPA related shortage of fiberglass materials
Track Bed Cleaning (LF)	800,000	874,371	109%	
Track Signage Replaced	2,500	2,542	102%	
Track Stabilization (LF)	200	730	365%	Low effort activity
Track Tamping (MI)	35	18.2*	52%	PM program cancelled
Turnouts Rehabilitated	23	3*	13%	Vendor manufacturing delays

* Progress delayed by Covid-19 impacts in Q4

STATIONS & PASSENGER FACILITIES INVESTMENTS

Through Q4 of FY2020, Metro invested \$624.8 million in Stations & Passenger Facilities, 97% of the \$645.0 million budgeted.



Platform & Structures – \$480.3M

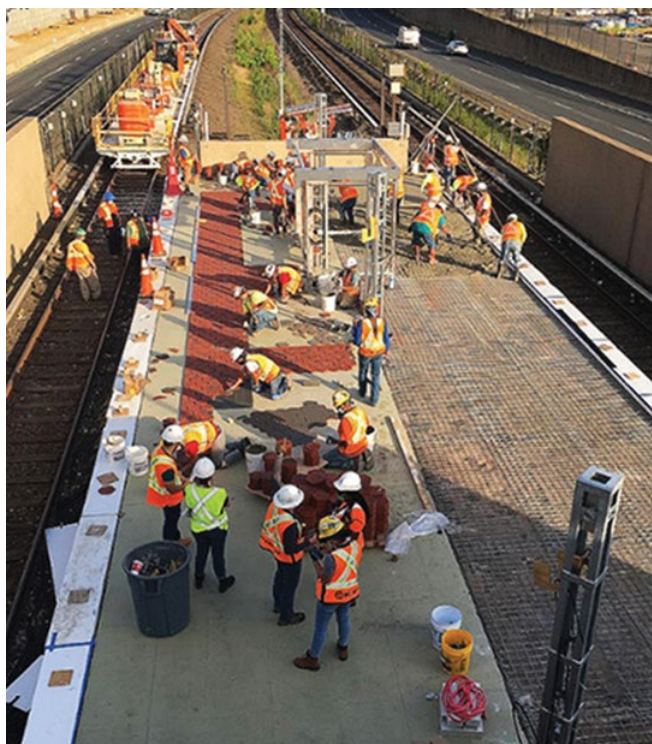
The Platform Rehabilitation Program addresses rehabilitation of platform concrete, pavers, and granite edges, as well as 36 other station systems including information displays, lighting, signage, bathrooms, public address, and fire systems.

Phase 2 of the Platform Rehabilitation Program is underway with East Falls Church, West Falls Church, Dunn Loring, and Vienna stations closing on Memorial Day weekend (Q4 FY2020). Pre-construction activities, the West Falls Church Track 3 platform shoring, concrete cleaning, station ceiling panels, the East Falls Church skylight installation and contractor mobilization were completed in Q4. Ongoing construction work as of June 2020 is as follows:

- Platform shoring on track 1 and 2 at West Falls Church, and at all other stations.
- Installation of platform floor tiles on Mezzanine levels and pedestrian bridges at West Falls Church and East Falls Church, with Vienna and Dunn Loring to begin in Q1 FY2021.
- Skylight installation at West Falls Church, Dunn Loring, and Vienna.
- Concrete crack repairs at all stations.
- CCTV camera system installation, electrical conduit wiring, fire alarm wiring, and fire standpipe installation at all stations.

The four stations are anticipated to reopen in Q1 of FY2021.

Additionally, platform reconstruction work for the Reagan National Airport station has been accelerated and will commence in Q1 of FY2021 and continue through Q2. The station has three tracks, so the station will remain open during construction. Installation of other customer experience improvements, such as new customer shelters and information screens, will be completed at a later date.



STATIONS & PASSENGER FACILITIES INVESTMENTS (CONTINUED)

\$624.8

Station &
Passenger
Facilities

Vertical Transportation – \$28.0M

Seven elevators underwent rehabilitation in Q4, located at Largo Town Center, Southern Avenue, Vienna (2 units), Wheaton, and Metro's Revenue Collection Facility. Ten additional elevators are scheduled to be rehabilitated in FY2021 at locations still under evaluation.

In Q4, Metro received bids to replace 127 escalators. The contract is expected to be awarded in Q1 of FY2021. In FY2021, Metro will begin a 5-year effort to rehabilitate 89 escalator units.

Metro's Performance Report includes elevator and escalator availability data in comparison with performance targets.

Station Systems – \$116.5M

In the Fare Collection Program, Metro has begun testing the new faregates that will be deployed throughout the system. Deployment planning is continuing with installations anticipated to begin in late FY2021.

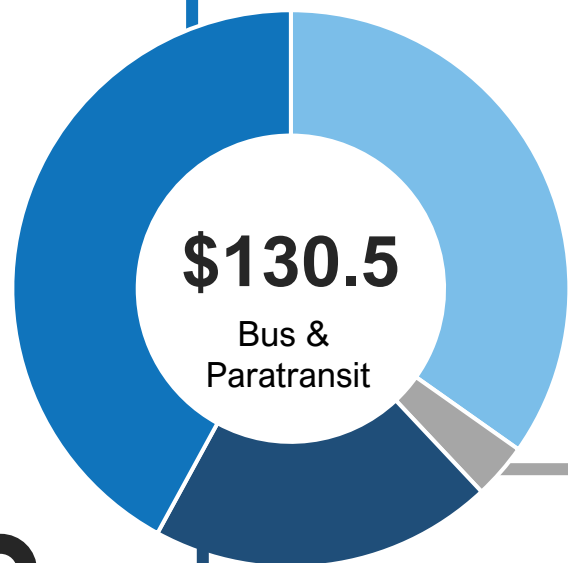
Metro continues to make progress on finalizing software development and testing in preparation for the launch of new mobile payment capabilities in early FY2021.

In Q4, Metro completed station platform LED lighting improvements at Dupont Circle, Rosslyn, and Dupont Circle, among others. Additionally, track bed lighting was improved at Judiciary Square, Capitol South, and Eastern Market. The Station Lighting Improvements Program replaces lighting at mezzanines, lower level platforms, and track beds to provide enhanced illumination for customers and reduce energy use.



BUS & PARATRANSIT INVESTMENTS

Through Q4 of FY2020, Metro invested \$130.5 million in Bus & Paratransit, 88% of the \$147.7 million budgeted.



Bus Maintenance Facilities – \$26.1M

In Q4, Metro awarded a Design-Build contract for the replacement of the Bladensburg bus maintenance and operations facility and a new CNG facility at Shepherd Parkway. Construction continued on an off-site bus parking lot for the Bladensburg Bus Garage, which is now scheduled to be completed in Q1 of FY2021. This will allow demolition and construction of the new Bladensburg Bus Garage Facility to proceed. Metro plans to increase the size of the site by approximately one acre to incorporate a garage designed for up to 300 buses, separate entrances for buses and employee vehicles, and on-site employee parking.

In Q4, pre-construction activities continued in preparation for demolition and construction at the Northern Bus Garage Facility. It includes an on-site employee parking lot, multiple access points and parking for up to 150 buses.

Bus & Paratransit Acquisition – \$54.9M

In Q4, 26 40-foot CNG buses and one 60-foot clean diesel bus have been delivered with 21 additional FY2020-ordered buses to be delivered in the first half of FY2021. These new buses enable Metro to achieve emissions reductions and fuel savings as they replace buses that have reached the end of their useful life.

Bus Type	FY2020 Order	FY2020 Progress	FY2021 Order
Clean Diesel 40-ft.	25	25	100
Clean Diesel 60-ft.	10	1	22
CNG 40-ft.	75	63	0

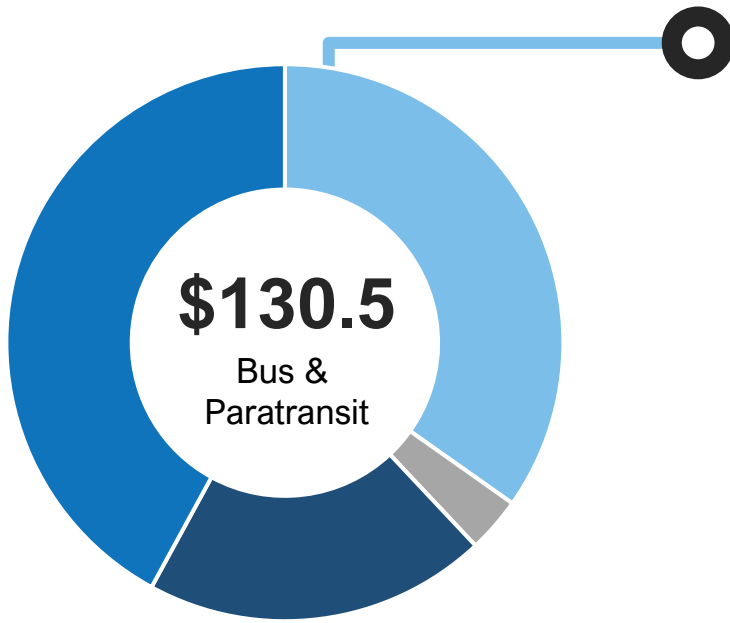
Procurement delays pushed back the contract award for 175 sedans (not vans) for Paratransit service into Q1 of FY2021. Deliveries of the vehicles are now anticipated to take place in the second half of FY2021.

Bus Passenger Facilities – \$4.2M

Metro installed eight Customer Information Electronic Display Signs in Q4 at Metrobus stops to show real-time bus arrivals. Delays due to Covid-19 will result in additional installations continuing through FY2021.

In Q4, final bids were received for the rehabilitation of the bus terminals at Chevy Chase, Calvert St. and Colorado Ave.

BUS & PARATRANSIT INVESTMENTS (CONTINUED)



Bus Maintenance & Overhaul – \$45.3M

Metro's bus maintenance and overhaul investments are focused on maintaining the reliability and safe operating condition of equipment as well as achieving the maximum useful life of the assets.

In Q4, 6 buses were rehabilitated, which included the rebuilding of engine assemblies, transmissions and fare boxes. Twenty-two Energy Storing Systems (ESS) were replaced.

These investments are critical to meeting Metro's Mean Distance Between Failure (MDBF) target for the bus fleet and providing customers with reliable service. Metro's Performance Report includes specific MDBF data for the bus fleet.

Asset	FY2020 Plan	FYTD Progress	Completion Percentage	Notes
Bus Rehabilitations	100	80	80%	Progress delayed by Covid-19 impacts in Q4
Energy Storage Systems	101	69	68%	Progress delayed by Covid-19 impacts in Q4
Fare Boxes	275	212	77%	Progress delayed by Covid-19 impacts in Q4
Engine Assemblies	125	75	60%	Progress delayed by Covid-19 impacts in Q4
Transmission Assemblies	120	125	104%	
Operator Shields	300	300	100%	



BUSINESS SUPPORT INVESTMENTS

Through Q4 of FY2020, Metro invested \$239.4 million in Business Support, 107% of the \$224.5 million budgeted.

\$239.4

Business
Support

Information Technology – \$66.1M

Metro's IT investments improve internal operations and the customer experience. Metro is completing the Passenger Information Display Systems (PIDS) 2020 Summer Station Rehabilitation and is currently formulating an implementation plan for new stations as part of the Rail Operations Support Software Program. This program is focused on ensuring real time train information is accurate and available to customers.

As part of the office consolidation initiative, Metro is constructing a new data center to replace the existing center at the Jackson Graham building. The end of life and maintenance assessment were completed for the Jackson Graham building and the Carmen Turner Facility. A study on the latest technology will be performed for potential adoption during the office consolidation. An RFP is being developed and is expected to be released by the end of FY2021

Support Equipment & Services – \$171.9M

Metro continues to advance interior design, base building and core design for the DC, VA, and MD office building locations. All location designs are planned to be completed in Q2 of FY2021, at which time the Guaranteed Maximum Pricing (GMP) will be negotiated. The GMP for each project contract will be finalized in FY2021. Additionally, construction activities continued at the DC and VA locations with completion anticipated in FY2022 and FY2023 respectively. The MD location is also anticipated to be completed in FY2023. The Office Consolidation Strategy will enable Metro to downsize from ten current office buildings throughout the region to four. The facilities are were evaluated for life cycle costs using a LEED design framework.



As part of Metro's Roof Rehabilitation Program, work advanced at the Shady Grove S&I Shop and the Western Bus Maintenance Facility.

Finally, Metro released a RFP for the New Hampshire Ave. Chiller Water Treatment Facility and continued the replacement of the Underground Storage Tank at the Alexandria Railyard in Q4.

Metro Transit Police Department (MTPD) – \$1.5M

REAL ESTATE UPDATE

Metro's Office of Real Estate and Parking actively manages Metro's real estate and parking portfolios to ensure required access and resources for its transit operations, non-fare revenue generation, customer acquisition through parking and bicycle access, and Joint Development to increase transit ridership.

Joint Development

New Carrollton: Construction is proceeding on a multifamily building.

Jackson Graham Building: Negotiations to ground lease Metro's headquarters site are underway and the project is expected to begin construction in early 2023.

West Falls Church: Negotiations to ground lease more than 20 acres at West Falls Church Metro are nearing completion. This project, when combined with two other public institutions' projects, will result in more than 3 million square feet of mixed-use development.

Acquisitions

Maryland Office Location: Metro's future New Carrollton office received building permit approval in Q4 FY2020 and will begin construction in Q2 of FY2021.

Rail Heavy Repair Overhaul: Acquisition of three properties required for a new Rail HRO in Landover, Maryland was filed for condemnation with the Department of Justice in Q4 FY2020. The acquisition will be complete in Q1 FY2021.

Bladensburg Bus Facility: Acquisition of three properties required for the redevelopment of Bladensburg Bus Facility received FTA concurrence and purchase offers have been made.

Dispositions

In Q4 FY20, Metro disposed of excess properties that generated \$8.76 million in revenue to be applied to Metro's capital program.

Incidental Uses

In Q4, Metro entered into ground leases with a solar developer to install a combined 17 acres of solar arrays among the Anacostia, Cheverly, Naylor Road, and Southern Avenue Metro station parking facilities at no cost to metro. Under the agreement, SunPower Goldman Sachs Renewable Power LLC will own the system and pay Metro annually for 25 years, providing Metro a long-term revenue stream.



Example of Solar Parking Canopies

SUSTAINABILITY UPDATE

Metro's Office of Sustainability implements and advances policies, programs and partnerships to make Metro resilient, equitable and fiscally responsible.

Sustainability is at the core of both the service Metro provides and how we provide it. A sustainable transit system is designed, constructed, and operated in a way that fosters social wellbeing, equity, economic prosperity, and environmental stewardship.

Energy Action Plan

Metro continues to reduce energy use, contain operating costs, modernize the system's operations, promote innovation, and help the region meet its sustainability goals through rollout of its Energy Action Plan, adopted in early 2019.

When fully implemented, the plan is expected to net \$16 million annually in energy cost savings and another \$13 million annually in operations and maintenance savings by 2025. Recent project highlights include:

- Station Lighting Improvement Program upgrades platform-level light and reduces energy use by approximately 60% and saves approximately \$25,000 annually, per station.
- Chiller replacements at five stations using efficient and state-of-the-art technology to reduce energy consumption and drive down operating expenses at each station by approximately \$10,000 to \$15,000 annually.
- Engagement in the renewable energy market has resulted in an innovative lease agreement to host a total of 176 acres of solar panels at 4 rail stations to generate energy to power over 1,500 single-family homes. Homes and businesses will be able to sign up for a share of the clean energy generated. This is the largest community solar project in the National Capital Area and one of the largest in the nation.
- Continued incorporation of green design standards into major capital projects. The Bladensburg and Northern Bus facilities are being designed to LEED Platinum standard, reducing environmental impacts and operating expenses.

Zero Emission Bus Planning

In Q3, Metro laid out the opportunities that zero-emission bus transportation offers the region, reviewed actions Metro has already initiated, and considered the market, infrastructure and policy prerequisites for successful rollout in our Zero-Emission Bus Update.

Metro is ensuring that new bus garages, including Bladensburg and Northern facilities, are designed as "electric bus ready" in support of future conversion to zero-emission bus operation. In addition, the bus turn-arounds at the Calvert St. and Colorado Avenue have also been designed to support future electric bus charging equipment.

In Q4, Metro was selected for a \$4.2 million grant from the FTA Low or No Emission Program. These funds will support Metro's purchase of up to 14 electric buses and charging infrastructure as well as a test and evaluation of the buses over the next two years.



TABLE 1: CAPITAL PROGRAM FINANCIALS AND ADJUSTMENTS

Dollar amounts are expressed in millions.

CIP	PROJECT NAME	FY2020 BOY Budget	Budget Adjustment ¹	FY2020 Current Budget	FY2020 Actual YTD	YTD % Forecast Expended	Budget Adjustment Reason
CIP0059*	8000 Series Railcars Procurement	\$5.0	\$0.2	\$5.2	\$5.2	99%	Schedule
CIP0256	7000 Series Railcars Procurement	\$142.3	-\$15.4	\$126.9	\$121.5	96%	Schedule
CRB0019_19	Silver Line Phase 1 Railcars	\$0.0	\$10.5	\$10.5	\$10.5	100%	Schedule
CRB0020_01	Silver Line Phase 2 Railcars	\$0.0	\$2.4	\$2.4	\$2.4	100%	Schedule
Railcar Acquisition		\$147.3	-\$2.4	\$144.9	\$139.5	96%	
CIP0063*	Railcar Rehabilitation Program	\$68.6	-\$14.2	\$54.4	\$55.9	103%	Schedule
CIP0067*	Rail Car Safety & Reliability Improvements	-\$0.5	\$2.4	\$1.9	\$1.8	93%	Schedule
CIP0142	Railcar Preventive Maintenance	\$59.0	\$0.0	\$59.0	\$58.9	100%	No change
Railcar Maintenance/Overhaul		\$127.1	-\$11.8	\$115.3	\$116.8	101%	
CIP0116*	Rail Yard Facility Repairs	\$0.0	\$0.2	\$0.2	\$0.1	41%	Schedule
CIP0145*	Station and Yard Security Upgrades	\$7.7	\$4.9	\$12.6	\$12.2	97%	Schedule
CIP0204*	Railcar Rooftop Access Platforms	\$3.0	\$2.5	\$5.5	\$4.9	89%	Schedule
CIP0225	Heavy Repair & Overhaul Facility	\$65.0	-\$14.7	\$50.3	\$50.8	101%	Schedule
CIP0231*	Good Luck Road Facility Construction	\$3.5	-\$0.6	\$2.9	\$2.6	89%	Schedule
CIP0279	Rail Equipment (truing machine, tandem wheel lathe, etc)	\$0.0	\$0.3	\$0.3	\$0.2	77%	Schedule
CIP0283	Railcar Maintenance Facility SGR Program	\$0.0	\$1.5	\$1.5	\$1.5	96%	Schedule
CIP0284*	Yard Facility Rehabilitation	\$1.0	\$8.5	\$9.5	\$7.2	76%	Scope
CIP8005	D&E Rail Yard Improvements	\$0.0	\$1.5	\$1.5	\$0.5	36%	Schedule
Railcar Maintenance Facilities		\$80.2	\$4.2	\$84.4	\$80.1	95%	
Railcar Investments		\$354.6	-\$10.1	\$344.6	\$336.4	98%	
CIP0076*	Rail Power Infrastructure Upgrades	\$48.1	-\$6.6	\$41.5	\$40.1	97%	Schedule
CIP0252*	Alternating Current (AC) Power Systems State of Good Repair	\$31.7	-\$7.0	\$24.7	\$25.1	102%	Schedule
CIP0253*	Traction Power State of Good Repair	\$39.1	\$7.7	\$46.8	\$47.5	101%	Schedule
CIP8007	D&E Power Improvements	\$2.2	-\$0.7	\$1.5	\$1.5	97%	Cost
Propulsion		\$121.1	-\$6.6	\$114.5	\$114.4	100%	
CIP0133*	Wayside Warning Train Wash	\$1.9	-\$0.1	\$1.8	\$1.3	74%	Schedule
CIP0136*	Radio Infrastructure Replacement	\$67.3	\$5.4	\$72.7	\$77.3	106%	Schedule
CIP0139	National Transportation Safety Board Recommendations	\$6.4	-\$2.7	\$3.8	\$3.6	97%	Schedule
CIP0251*	Automatic Train Control State of Good Repair	\$29.1	\$18.5	\$47.6	\$49.6	104%	Schedule

TABLE 1: CAPITAL PROGRAM FINANCIALS AND ADJUSTMENTS

Dollar amounts are expressed in millions.

CIP	PROJECT NAME	FY2020 BOY Budget	Budget Adjustment ¹	FY2020 Current Budget	FY2020 Actual YTD	YTD % Forecast Expended	Budget Adjustment Reason
CIP0257*	Emergency Trip Station Infrastructure	\$2.4	-\$0.6	\$1.8	\$1.8	101%	Schedule
CIP0260*	Track Inspector Location Pilot	\$1.5	-\$0.1	\$1.4	\$1.4	99%	Cost
CIP0350	Remote Terminal Unit Reliability Project	\$0.0	\$0.1	\$0.1	\$0.0	0%	Schedule
CIP8009	D&E Automatic Train Control & Communications Improvements	\$0.2	-\$0.1	\$0.1	\$0.3	217%	Schedule
Signals & Communications		\$108.8	\$20.5	\$129.3	\$135.4	105%	
Rail Systems Investments		\$229.8	\$13.9	\$243.8	\$249.8	102%	
CIP0024*	Track and Structures Rehabilitation	\$91.4	\$6.5	\$97.9	\$90.2	92%	Scope
CIP0025*	Track Maintenance Equipment	\$5.2	-\$1.3	\$3.9	\$3.4	89%	Schedule
CIP0065	Track Geometry Vehicle	\$0.0	\$0.4	\$0.4	\$0.0	0%	Schedule
CIP0246*	General Engineering Support	\$2.0	\$3.7	\$5.7	\$6.0	104%	Scope
CIP0247*	Emergency Construction Support	\$1.0	\$2.3	\$3.3	\$3.5	107%	Scope
CIP0261*	Tunnel Light Improvements	\$4.4	-\$1.8	\$2.6	\$2.6	99%	Schedule
CIP0289*	Third Rail Reconfiguration	\$2.0	-\$1.1	\$0.9	\$0.7	84%	Schedule
CIP0290	Trash & Dust Vacuum Train	\$5.0	-\$5.0	\$0.0	\$0.0	0%	Schedule
CIP8011	D&E Fixed Rail Improvements	\$3.3	-\$1.5	\$1.8	\$1.5	86%	Schedule
Fixed Rail		\$116.2	\$0.2	\$116.5	\$108.1	93%	
CIP0022	Track Structural Rehabilitation	\$21.4	-\$19.7	\$1.7	\$1.8	108%	Scope
CIP0205*	Bush Hill Aerial Structure	\$3.8	-\$2.2	\$1.6	\$1.6	95%	Cost
CIP0262*	Tunnel Water Leak Mitigation	\$24.1	-\$20.9	\$3.2	\$3.1	96%	Schedule
CIP0267*	Edmonston Bridge Project	\$0.0	\$0.7	\$0.7	\$0.7	100%	Schedule
CIP0291*	Tunnel Ventilation	\$5.0	-\$0.8	\$4.2	\$5.2	124%	Schedule
CIP0294*	Bridge Rehabilitation	\$5.0	-\$4.5	\$0.5	\$0.3	69%	Schedule
CIP8013*	D&E Track Structures Improvements	\$0.9	\$4.3	\$5.2	\$6.3	122%	Scope
CRB0134	Wheaton Parking Improvements	\$1.5	-\$0.9	\$0.6	\$0.6	91%	Cost
Structures		\$61.7	-\$43.9	\$17.8	\$19.7	111%	
Track and Structures Rehabilitation Investments		\$177.9	-\$43.7	\$134.2	\$127.7	95%	
CIP0035*	Bicycle & Pedestrian Facilities Improvements	\$3.5	-\$1.6	\$1.9	\$2.0	106%	Schedule
CIP0087*	Station Rehabilitation Program	\$11.0	-\$0.9	\$10.1	\$8.7	86%	Scope
CIP0088*	Station Entrance Canopies	\$7.5	-\$0.7	\$6.8	\$5.4	79%	Schedule
CIP0152	Parking Garage and Lot Rehabilitation	\$17.2	-\$2.1	\$15.1	\$13.8	91%	Schedule

TABLE 1: CAPITAL PROGRAM FINANCIALS AND ADJUSTMENTS

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CIP	PROJECT NAME	FY2020 BOY Budget	Budget Adjustment ¹	FY2020 Current Budget	FY2020 Actual YTD	YTD % Forecast Expended	Budget Adjustment Reason
CIP0218*	Station Upgrades	\$1.6	\$2.3	\$3.9	\$3.2	82%	Scope
CIP0271*	Metrorail Station Emergency Gates Replacement	\$3.0	-\$0.8	\$2.2	\$2.3	107%	Schedule
CIP0274*	Grosvenor Parking Garage Joint Development	\$2.3	\$8.8	\$11.0	\$9.2	83%	Schedule
CIP0300*	Gallery Place/Chinatown Passenger Circulation Improvement Study	\$0.0	\$0.5	\$0.5	\$0.5	100%	Scope
CIP0302	Huntington Parking Garage	\$0.0	\$0.2	\$0.2	\$0.3	144%	Scope
CIP0305	Passenger Facility SOGR Program	\$0.9	-\$0.5	\$0.4	\$0.4	99%	Scope
CIP0306	Stations Platform Rehabilitation - Phase 1	\$260.2	-\$60.2	\$200.0	\$200.4	100%	Scope
CIP0307	Stations Platform Rehabilitation - Phase 2	\$0.0	\$156.6	\$156.6	\$149.8	96%	Scope
CIP0308	Stations Platform Rehabilitation - Phase 3	\$0.0	\$0.3	\$0.3	\$0.3	104%	Schedule
CIP0309*	Huntington Metrorail Station Additional Entrance	\$0.0	\$11.4	\$11.4	\$13.3	117%	Scope
CIP0345*	Shady Grove Stairway	\$1.4	-\$0.9	\$0.5	\$0.3	72%	Schedule
CIP8015*	D&E Platform & Structures	\$6.9	-\$2.0	\$4.9	\$4.5	91%	Schedule
CRB0013	New Potomac Yard Metrorail Station	\$30.0	\$1.7	\$31.7	\$31.5	99%	Schedule
CRB0019	Silver Line Phase 1	\$1.3	-\$0.8	\$0.4	\$0.1	30%	Schedule
CRB0020	Silver Line Phase 2	\$21.8	\$5.2	\$27.0	\$27.3	101%	Schedule
CRB0127	Purple Line	\$1.4	\$5.3	\$6.7	\$7.1	107%	Schedule
CRB0133	Union Station Entrance Improvements	\$3.5	-\$3.5	\$0.0	\$0.0	100%	Schedule
Platforms & Structures		\$373.4	\$118.2	\$491.6	\$480.3	98%	
CIP0072	Elevator Rehabilitation Program	\$8.6	-\$1.8	\$6.8	\$5.4	80%	Schedule
CIP0073	Escalator Rehabilitation	\$8.5	-\$5.5	\$3.0	\$2.1	71%	Schedule
CIP0132*	Escalator and Elevator Overhaul	\$8.0	\$3.2	\$11.2	\$11.1	99%	Schedule
CIP0185	Escalator Replacement	\$20.6	-\$10.6	\$10.0	\$9.3	93%	Schedule
Vertical Transportation		\$45.7	-\$14.7	\$31.0	\$28.0	90%	
CIP0074	Parking Access and Collection Equipment Maintenance	\$2.0	-\$1.3	\$0.7	\$0.0	5%	Schedule
CIP0093	Regional NextFare System	\$0.0	\$0.1	\$0.1	\$0.1	100%	Schedule
CIP0150*	Non-Revenue Facility Fire Systems	\$4.0	\$1.4	\$5.4	\$5.6	104%	Schedule
CIP0151*	Station Cooling Systems Upgrade	\$11.0	\$10.9	\$21.9	\$22.6	104%	Schedule
CIP0219*	Station Lighting Improvements	\$38.9	-\$5.0	\$34.0	\$29.0	85%	Schedule
CIP0241	Raising Vent Shafts	\$2.0	-\$1.4	\$0.6	\$0.2	29%	Scope
CIP0242	Improving Drainage	\$7.4	\$1.9	\$9.3	\$9.9	106%	Scope
CIP0255*	Fare Collection Modernization Program	\$26.1	\$11.2	\$37.3	\$35.1	94%	Schedule
CIP0258*	Fire Alarm System Upgrade	\$1.8	\$2.6	\$4.4	\$3.8	86%	Schedule
CIP0341*	Standpipe Replacement Program	\$6.2	\$2.3	\$8.5	\$10.1	119%	Schedule

TABLE 1: CAPITAL PROGRAM FINANCIALS AND ADJUSTMENTS

Dollar amounts are expressed in millions.

CIP	PROJECT NAME	FY2020 BOY Budget	Budget Adjustment ¹	FY2020 Current Budget	FY2020 Actual YTD	YTD % Forecast Expended	Budget Adjustment Reason
CIP8019	D&E Station Systems	\$0.5	-\$0.3	\$0.2	\$0.0	0%	Schedule
Station Systems		\$100.1	\$22.3	\$122.4	\$116.5	95%	
Stations and Passenger Facilities Investments		\$519.3	\$125.8	\$645.0	\$624.8	97%	
CIP0006	Bus Acquisition Program	\$69.9	-\$15.3	\$54.6	\$53.8	98%	Schedule
CIP0015	MetroAccess Fleet Acquisition Program	\$12.8	-\$4.8	\$8.0	\$1.1	14%	Schedule
Bus and Paratransit Acquisition		\$82.7	-\$20.1	\$62.6	\$54.9	88%	
CIP0002*	Metrobus Onboard Location Equipment and Software Replacement	-\$0.6	\$1.0	\$0.3	\$0.7	206%	Schedule
CIP0004*	Bus Repair Equipment	\$5.0	-\$3.6	\$1.4	\$0.9	63%	Schedule
CIP0005	Bus Rehabilitation Program	\$57.7	-\$10.3	\$47.4	\$41.1	87%	Schedule
CIP0007	Metrobus Closed-Circuit Television (CCTV) Replacement Program	\$2.7	-\$2.8	-\$0.2	-\$0.1	58%	Schedule
CIP0143	Bus Preventive Maintenance Program	\$0.0	\$1.0	\$1.0	\$1.0	104%	Scope
CIP8023	D&E Bus Maintenance and Overhaul	-\$0.9	\$1.4	\$0.5	\$0.5	86%	Schedule
Bus Maintenance/Overhaul		\$63.8	-\$13.3	\$50.5	\$45.3	90%	
CIP0084*	Andrews Federal Bus Facility	-\$0.9	\$1.8	\$0.9	\$0.9	98%	Schedule
CIP0086*	Shepherd Parkway Bus Facility	\$3.6	-\$3.6	\$0.0	\$0.0	100%	Scope
CIP0311*	Bus Garage Replacement- Bladensburg	\$11.7	\$1.4	\$13.1	\$11.7	89%	Scope
CIP0315	Bus Garage Replacement - Northern	\$11.8	\$7.8	\$19.6	\$19.5	99%	Schedule
CIP8025*	D&E Bus Maintenance Facilities	\$0.0	\$0.5	\$0.5	\$0.5	104%	Scope
Bus Maintenance Facilities		\$23.3	\$4.4	\$27.6	\$26.1	94%	
CIP0037*	Bus Priority Corridor Network	\$0.0	\$0.1	\$0.1	\$0.1	100%	Schedule
CIP0220*	Metrobus Planning Program	\$1.6	-\$0.8	\$0.8	\$0.9	113%	Schedule
CIP0221	Bus Customer Facility Improvements	\$6.7	-\$3.6	\$3.1	\$2.3	75%	Schedule
CIP0254*	Traffic Signal Prioritization	\$1.3	-\$0.4	\$0.9	\$0.9	97%	Schedule
CIP0266*	Historic Bus Terminal Rehabilitation	\$1.5	-\$1.4	\$0.1	\$0.1	141%	Scope
CIP0275*	New Carrollton Bus Bays Joint Development	\$6.5	-\$5.8	\$0.7	-\$1.1	-150%	Cost
CIP8027	D&E Bus Passenger Facilities/Systems	\$0.0	\$1.2	\$1.2	\$0.8	68%	Schedule
CRB0012	King Street Station Bus Loop	\$0.0	\$0.1	\$0.1	\$0.1	89%	Schedule
Bus Passenger Facilities/Systems		\$17.5	-\$10.5	\$7.0	\$4.2	60%	
Bus and Paratransit Investments		\$187.3	-\$39.6	\$147.7	\$130.5	88%	

TABLE 1: CAPITAL PROGRAM FINANCIALS AND ADJUSTMENTS

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CIP	PROJECT NAME	FY2020 BOY Budget	Budget Adjustment ¹	FY2020 Current Budget	FY2020 Actual YTD	YTD % Forecast Expended	Budget Adjustment Reason
CIP0042	Product Lifecycle Software Decommissioning	\$0.0	\$0.1	\$0.1	\$0.1	100%	Scope
CIP0043	Bus Operations Support Software	\$2.2	-\$1.1	\$1.1	\$1.0	91%	Schedule
CIP0044	IT Capital Program Business Process Reengineering and Program Support	\$0.0	\$0.0	\$0.0	\$0.0	80%	Scope
CIP0046	Document Management System	\$0.0	\$0.0	\$0.0	\$0.0	100%	Scope
CIP0047	Enterprise Geographic Information System	\$0.0	\$0.1	\$0.1	\$0.1	100%	Scope
CIP0048	Sensitive Data Protection Technology	\$0.0	\$0.0	\$0.0	\$0.0	100%	Scope
CIP0049	Management Support Software	\$8.1	\$3.2	\$11.3	\$10.0	88%	Scope
CIP0051*	Police Dispatch and Records Management	\$1.3	-\$0.3	\$1.0	\$1.0	99%	Schedule
CIP0052	Network and Communications	\$1.5	-\$0.2	\$1.3	\$1.3	98%	Scope
CIP0054	Customer Electronic Communications & Outreach	\$4.1	-\$1.1	\$2.9	\$3.0	101%	Schedule
CIP0056	Rail Operations Support Software	\$3.5	-\$0.8	\$2.7	\$2.8	101%	Schedule
CIP0128	Data Governance and Business Intelligence	\$0.0	\$0.2	\$0.2	\$0.2	88%	Schedule
CIP0196*	Safety Measurement System	\$0.0	\$0.0	\$0.0	\$0.0	100%	Cost
CIP0215*	Rail Scheduling System Upgrade	\$1.2	-\$1.0	\$0.2	\$0.0	16%	Scope
CIP0230	Wireless Communication Infrastructure	\$0.0	\$0.0	\$0.0	\$0.0	100%	Cost
CIP0259*	Timecard Software Integration and Analysis	\$9.6	-\$2.7	\$6.9	\$7.5	108%	Scope
CIP0269*	Enterprise Asset Management Systems	\$2.0	\$0.3	\$2.3	\$4.7	208%	Schedule
CIP0330*	New Data Center IT Infrastructure and Equipment	\$0.0	\$0.5	\$0.5	\$0.5	91%	Scope
CIP0331*	Enterprise Resource Planning (ERP) Replacement	\$0.0	\$0.8	\$0.8	\$0.8	97%	Schedule
CIP0332*	Fiber Installation	\$2.8	-\$0.3	\$2.5	\$3.1	123%	Schedule
CIP0342*	IT Hardware Replacement Program	\$9.4	-\$1.9	\$7.5	\$8.0	106%	Schedule
CIP0343*	Operating and Maintenance Applications	\$36.5	-\$14.0	\$22.5	\$20.5	91%	Scope
CIP0344	IT Program Management and Quality Assurance	\$2.3	-\$1.3	\$1.0	\$0.7	77%	Scope
CIP0351	OIG IT Security	\$0.0	\$0.5	\$0.5	\$0.3	61%	Scope
CIP8029	D&E IT	\$7.9	-\$4.8	\$3.0	\$2.9	96%	Scope
IT		\$92.3	-\$23.7	\$68.6	\$66.1	96%	
CIP0102*	MTPD District III Substation Construction	\$3.5	-\$3.4	\$0.1	\$0.1	93%	Schedule
CIP0106	Special Operations Division Facility	\$1.0	\$0.6	\$1.6	\$1.0	62%	Schedule
CIP0127	Support Equipment - MTPD	\$1.0	-\$0.5	\$0.5	\$0.2	42%	Cost
CIP8031	D&E MTPD	\$0.0	\$0.2	\$0.2	\$0.2	100%	Scope
MTPD		\$5.5	-\$3.1	\$2.4	\$1.5	62%	
CIP0009*	Service Vehicle Replacement Program	\$8.5	-\$6.8	\$1.7	\$0.0	1%	Schedule

TABLE 1: CAPITAL PROGRAM FINANCIALS AND ADJUSTMENTS

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CIP	PROJECT NAME	FY2020 BOY Budget	Budget Adjustment ¹	FY2020 Current Budget	FY2020 Actual YTD	YTD % Forecast Expended	Budget Adjustment Reason
CIP0010*	Environmental Compliance Program	\$7.0	-\$3.1	\$3.9	\$3.7	97%	Schedule
CIP0011*	Underground Storage Tank Replacement	\$0.0	\$0.7	\$0.7	\$0.7	100%	Scope
CIP0028*	Materials Handling Equipment	\$1.0	-\$0.7	\$0.3	\$0.2	85%	Schedule
CIP0029	Warehouse Vertical Store Unit	\$0.0	\$0.2	\$0.2	\$0.0	0%	Scope
CIP0033	Revenue Facility Equipment	\$0.2	\$0.8	\$1.0	\$0.3	33%	Scope
CIP0034*	Revenue Collection Facility	\$0.2	\$0.0	\$0.2	\$0.4	179%	Cost
CIP0036*	Procurement Program Support	\$0.0	\$1.0	\$1.0	\$1.0	97%	Scope
CIP0039*	Core & System Development Program	\$2.3	-\$1.2	\$1.1	\$1.2	115%	Cost
CIP0080	Building Infrastructure & Systems Renewal	\$0.0	\$0.0	\$0.0	\$0.0	101%	Scope
CIP0099	Joint Development	\$0.0	\$0.2	\$0.2	\$0.3	198%	Scope
CIP0101*	Internal Compliance Capital Management	\$0.0	\$0.1	\$0.1	\$0.0	27%	Scope
CIP0131	Capital Program Financing	\$1.5	\$0.1	\$1.6	\$1.1	68%	Scope
CIP0149*	Transit Asset Management System	\$2.5	-\$2.3	\$0.2	\$0.0	2%	Scope
CIP0170*	Roof Rehabilitation and Replacement	\$13.0	\$16.8	\$29.8	\$28.7	96%	Schedule
CIP0212*	Environmental Sustainability Lab	\$1.0	\$0.2	\$1.2	\$1.4	109%	Scope
CIP0213*	Capital Program Development Support	\$0.0	\$4.1	\$4.1	\$3.7	92%	Scope
CIP0224*	IT Capital Management	\$5.0	-\$4.8	\$0.2	\$0.1	34%	Scope
CIP0270	Capital Delivery Program Support	\$26.4	-\$9.0	\$17.3	\$20.2	116%	Scope
CIP0272*	Station Commercialization Project	\$11.7	-\$4.0	\$7.7	\$10.2	132%	Schedule
CIP0273*	Facility Improvements	\$11.5	-\$2.6	\$8.9	\$8.9	100%	Schedule
CIP0276*	Station Commercialization Plan	\$3.7	-\$2.3	\$1.4	\$1.4	102%	Scope
CIP0277*	Supply Chain Modernization	\$1.5	\$0.0	\$1.5	\$1.4	97%	Scope
CIP0324	Capital Program Financial Support	\$0.0	\$1.5	\$1.5	\$1.3	87%	Scope
CIP0335	Headquarters - District of Columbia	\$75.0	-\$45.9	\$29.1	\$32.4	112%	Scope
CIP0336*	Energy Management Upgrades	\$0.0	\$0.3	\$0.3	\$0.3	104%	Schedule
CIP0337	Headquarters - Virginia	\$0.0	\$20.0	\$20.0	\$18.6	93%	Scope
CIP0338	Headquarters - Maryland	\$0.0	\$14.7	\$14.7	\$11.9	81%	Scope
CIP0339	First Responders Signs Updates	\$0.0	\$0.1	\$0.1	\$0.0	0%	Scope
CIP0347*	Accounting Capital Program Support	\$0.0	\$0.7	\$0.7	\$0.8	100%	Scope
CIP8033*	D&E Support Equipment/Services	\$0.4	\$0.7	\$1.1	\$1.1	96%	Schedule
CRB0005	Planning Support for DC	\$0.2	\$0.6	\$0.7	\$0.2	33%	Scope
CRB0009	Planning Support for MD	\$0.2	\$0.5	\$0.7	\$0.6	87%	Scope
CRB0018	Planning Support for VA	\$0.1	\$0.2	\$0.2	\$0.2	102%	Scope

TABLE 1: CAPITAL PROGRAM FINANCIALS AND ADJUSTMENTS

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CIP	PROJECT NAME	FY2020 BOY Budget	Budget Adjustment ¹	FY2020 Current Budget	FY2020 Actual YTD	YTD % Forecast Expended	Budget Adjustment Reason
SCOVID	COVID-19 IT: Equip & Services				\$19.4		
	Support Equipment/Services	\$173.1	-\$19.6	\$153.5	\$171.9	112%	
	Business Support Investments	\$270.9	-\$46.4	\$224.5	\$239.4	107%	
Total Capital Programs		\$1,739.8	\$0.0	\$1,739.8	\$1,708.7	98%	

*Projects that included Dedicated Funding as a fund source

¹ Adjustments include Reprogrammings (change to the six-year total cost of the project) and Cash Flow Management (change between years of the six-year program that results in no net cost change to the project).

TABLE 2: CAPITAL FUNDING ALLOCATION OF STATE & LOCAL CONTRIBUTIONS

	Q4 CAPITAL CONTRIBUTION BILLED ¹	Q4 CAPITAL CONTRIBUTION PAID ¹	YTD CAPITAL CONTRIBUTION BILLED ¹	YTD CAPITAL CONTRIBUTION PAID ¹	YTD UTILIZATION OF JURISDICTION CAPITAL CONTRIBUTION
District of Columbia	\$31,916,504	\$31,916,504	\$92,739,198	\$92,739,198	\$66,329,842
Montgomery County ²	\$15,868,102	\$15,868,102	\$46,107,651	\$28,113,910	\$32,977,568
Prince George's County ²	\$15,514,761	\$15,514,761	\$45,080,956	\$27,487,887	\$32,243,245
Maryland Subtotal	\$31,382,863	\$31,382,863	\$91,188,607	\$55,601,797	\$65,220,813
City of Alexandria	\$4,224,397	\$4,224,397	\$12,274,752	\$12,274,752	\$8,779,269
Arlington County	\$7,975,475	\$7,975,475	\$23,174,191	\$23,174,191	\$16,574,873
City of Fairfax	\$251,286	\$251,286	\$730,157	\$730,157	\$522,230
Fairfax County	\$13,696,757	\$13,696,757	\$39,798,415	\$39,798,415	\$28,465,014
City of Falls Church	\$252,015	\$252,015	\$732,276	\$732,276	\$523,746
Virginia Subtotal	\$26,399,930	\$26,399,930	\$76,709,791	\$76,709,791	\$54,865,131
Federal Formula Match & System Performance Subtotal	\$89,699,297	\$89,699,297	\$260,637,595	\$225,050,786	\$186,415,785
District of Columbia	\$1,072,513	\$1,072,513	\$49,500,000	\$49,500,000	\$45,716,895
State of Maryland	\$1,072,513	\$1,072,513	\$49,500,000	\$49,500,000	\$45,716,895
Commonwealth of Virginia	\$1,072,513	\$1,072,513	\$49,500,000	\$49,500,000	\$45,716,895
State and Local PRIIA Subtotal	\$3,217,539	\$3,217,539	\$148,500,000	\$148,500,000	\$137,150,684
District of Columbia	\$250,000	\$250,000	\$1,000,000	\$1,000,000	\$314,687
Montgomery County	\$126,409	\$126,409	\$505,631	\$505,631	\$324,998
Prince George's County	\$123,591	\$123,591	\$494,369	\$494,369	\$317,759
Maryland Subtotal	\$250,000	\$250,000	\$1,000,000	\$1,000,000	\$642,757
City of Alexandria	\$40,003	\$40,003	\$160,015	\$160,015	\$48,741
Arlington County	\$75,524	\$75,524	\$302,101	\$302,101	\$92,021
City of Fairfax	\$2,380	\$2,380	\$9,518	\$9,518	\$2,899
Fairfax County	\$129,704	\$129,704	\$518,818	\$518,818	\$158,033
City of Falls Church	\$2,385	\$2,385	\$9,545	\$9,545	\$2,907
Virginia Subtotal	\$249,995	\$250,000	\$1,000,000	\$1,000,000	\$304,603
Project Planning Subtotal	\$749,995	\$750,000	\$3,000,000	\$3,000,000	\$1,262,046
District of Columbia ³	\$0	\$89,250,000	\$178,500,000	\$178,500,000	\$178,246,609
State of Maryland	\$41,750,000	\$41,750,000	\$167,000,000	\$167,000,000	\$166,762,933
Commonwealth of Virginia - Non- Restricted	\$23,094,461	\$23,094,461	\$122,883,455	\$122,883,455	\$123,484,421
Commonwealth of Virginia - Restricted ⁴	\$155,305,369	\$15,530,539	\$31,616,545	\$31,616,545	\$30,796,257
Dedicated Funding Subtotal	\$220,149,830	\$169,625,000	\$500,000,000	\$500,000,000	\$499,290,220
State and Local Contributions Total	\$313,816,661	\$263,291,836	\$912,137,595	\$876,550,786	\$824,118,735

¹ Excludes Interest credits

² Maryland Formula Match and System Performance were not paid for the first or second quarters due to an auditing matter that remains unresolved as of the date of this report.

³ District of Columbia scheduled to pay Dedicated Funding twice annually in second and fourth quarters.

⁴ Virginia Restricted funding represents amounts remitted from the restricted fund sources

TABLE 3: SOURCE OF FUNDS - FY2020

Dollar amounts are expressed in millions.

	FY2020 Current Budget	FY2020 Actual
Federal Formula	\$349	\$308
PRIIA	\$149	\$210
Other Federal	\$12	\$22
Total Federal	\$510	\$540
Match & System Performance	\$261	\$205
PRIIA Match	\$149	\$137
Dedicated Funding	\$500	\$499
Other Jurisdictional	\$1	\$1
Total Jurisdictional	\$910	\$842
Reimbursable	\$58	\$90
Debt	\$285	\$311
Other	\$343	\$401
Net Accruals		-\$74
Total	\$1,763	\$1,709

Note: FY2020 Current Budget total shown includes funds for operating losses associated with capital work, particularly the Platform Rehabilitation Phase 2 Project.

TABLE 4: CAPITAL PROGRAM CASH EXPENDITURES AND FUNDING SOURCES - FY2020

Numbers are expressed in Whole Numbers

CIP	PROJECT NAME	TOTAL EXPENDITURES	FORMULA	PRIIA	OTHER FEDERAL	SYSTEM PERF./ DEBT/OTHER	DISTRICT OF COLUMBIA DED. FUND.	STATE OF MARYLAND DED. FUND.	COMMONWEALTH OF VIRGINIA - NONRESTRICTED DED. FUND.	COMMONWEALTH OF VIRGINIA - RESTRICTED DED. FUND.	TOTAL DEDICATED FUNDING	FY2019 YEAR-END ACCRUALS REVERSED IN FY2020	FY2020 YEAR-END ACCRUALS
CIP0057	1000 Series Railcars Replacement	(1,199)	-	-	-	(1,199)	-	-	-	-	-	-	-
CIP0059	8000 Series Railcars Procurement	5,151,672	-	-	-	1,497,876	1,373,145	1,284,679	1,022,127	166,393	3,846,344	(626,098)	433,551
CIP0071	Test Track & Railcar Commissioning Facility	(33,358)	-	-	-	(33,792)	1,499,555	1,402,945	1,116,223	181,711	4,200,434	(4,200,000)	-
CIP0256	7000 Series Railcars Procurement	121,481,163	-	129,294,848	-	15,025,468	461,159	431,448	343,273	55,882	1,291,761	(25,852,643)	1,721,729
Railcar Acquisition		126,598,278	-	129,294,848	-	16,488,353	3,333,858	3,119,072	2,481,623	403,985	9,338,539	(30,678,742)	2,155,280
CIP0063	Railcar Rehabilitation Program	56,165,363	-	31,957,892	-	1,154,522	8,288,348	7,754,365	6,169,596	1,004,353	23,216,662	(935,800)	772,087
CIP0067	Railcar Safety & Reliability Improvements	1,782,323	-	37,664	-	75,968	605,725	566,701	450,883	73,400	1,696,708	(49,596)	21,579
CIP0142	Railcar Preventive Maintenance	58,867,361	58,867,361	-	-	-	-	-	-	-	-	-	-
Railcar Maintenance/Overhaul		116,815,047	58,867,361	31,995,556	-	1,230,490	8,894,073	8,321,066	6,620,479	1,077,752	24,913,371	(985,396)	793,666
CIP0116	Rail Yard Facility Repairs	80,224	-	-	-	44,026	59,035	55,231	43,944	7,154	165,364	(129,165)	-
CIP0145	Station and Yard Security Upgrades	12,246,395	-	-	1,724,982	7,603	3,746,612	3,505,234	2,788,865	454,001	10,494,713	(629,035)	648,133
CIP0204	Railcar Rooftop Access Platforms	4,895,482	-	-	-	(429)	1,835,239	1,717,002	1,366,096	222,388	5,140,726	(245,314)	500
CIP0231	Good Luck Road Facility Construction	2,606,179	-	-	-	19,242	1,794,999	1,679,355	1,336,143	217,512	5,028,009	(2,488,818)	47,747
CIP0225	Railcar Heavy Repair and Overhaul Facility	50,835,821	-	-	-	10,717,638	14,280,112	13,360,105	10,629,683	1,730,414	40,000,313	(96,564)	214,433
CIP0279	Rail Equipment Replacement	199,869	-	-	-	-	71,353	66,756	53,113	8,646	199,869	-	-
CIP0283	Rail Maintenance Facility SGR Program	1,477,433	-	-	-	-	304,992	285,342	227,026	36,958	854,318	-	623,115
CIP0284	Yard Facility Rehabilitation Phase II	7,206,527	-	-	-	139,523	2,798,750	2,618,438	2,083,305	339,143	7,839,635	(1,253,752)	481,120
CIP8005	D&E Rail Yard Improvements	523,949	-	-	-	776,599	(173)	(162)	(129)	(21)	(484)	(275,019)	22,852
Railcar Maintenance Facilities		80,071,879	-	-	1,724,982	11,704,201	24,890,919	23,287,302	18,528,047	3,016,194	69,722,462	(5,117,667)	2,037,901
Railcar Investments		323,485,205	58,867,361	161,290,404	1,724,982	29,423,044	37,118,851	34,727,440	27,630,150	4,497,931	103,974,372	(36,781,805)	4,986,847
CIP0076	Rail Power Infrastructure Upgrades	40,124,972	-	-	-	25,316,455	7,050,411	6,596,183	5,248,113	854,344	19,749,050	(8,834,815)	3,894,282
CIP0252	Alternating Current (AC) Power Systems SOGR	25,147,755	11,703,653	-	-	328,366	4,587,780	4,292,209	3,415,005	555,931	12,850,924	(2,645,315)	2,910,127
CIP0253	Traction Power SOGR	47,688,626	41,094,453	-	-	7,284,331	2,694,469	2,520,876	2,005,681	326,506	7,547,532	(10,116,966)	1,879,276
CIP8007	D&E Power Improvements	1,456,245	-	-	-	1,382,304	55,550	51,972	41,350	6,731	155,603	(102,245)	20,582
Propulsion		114,417,598	52,798,106	-	-	34,311,456	14,388,210	13,461,239	10,710,148	1,743,513	40,303,110	(21,699,340)	8,704,266
CIP0133	Wayside Warning System	1,333,159	-	-	-	-	458,974	429,404	341,647	55,617	1,285,642	-	47,517
CIP0136	Radio Infrastructure Replacement	77,325,776	35,693,745	22,645,584	-	6,728,981	4,223,636	3,951,525	3,143,947	511,805	11,830,914	(14,484,293)	14,910,844
CIP0139	National Transportation Safety Board Recommendations	3,631,865	-	2,224,874	-	1,681,602	2,800	2,620	2,084	339	7,843	(307,700)	25,245
CIP0251	Automatic Train Control State of Good Repair	49,647,380	-	8,420,606	-	4,193,809	12,793,035	11,968,834	9,522,749	1,550,215	35,834,833	(4,444,701)	5,642,833
CIP0257	ETS Infrastructure	1,799,568	-	-	-	-	653,942	611,811	486,774	79,242	1,831,769	(33,809)	1,608
CIP0260	Track Inspector Location	1,402,115	-	-	-	34,992	592,583	554,405	441,101	71,807	1,659,895	(292,773)	-
CIP8009	D&E ATC & Communications Improvements	278,834	-	-	-	324,496	-	-	-	-	-	(162,974)	117,312
Signals & Communications		135,418,696	35,693,745	33,291,065	-	12,963,880	18,724,970	17,518,600	13,938,301	2,269,026	52,450,897	(19,726,249)	20,745,358
Rail Systems Investments		249,836,294	88,491,851	33,291,065	-	47,275,336	33,113,181	30,979,838	24,648,450	4,012,538	92,754,007	(41,425,589)	29,449,624

TABLE 4: CAPITAL PROGRAM CASH EXPENDITURES AND FUNDING SOURCES - FY2020

Numbers are expressed in Whole Numbers

CIP	PROJECT NAME	TOTAL EXPENDITURES	FORMULA	PRIIA	OTHER FEDERAL	SYSTEM PERF./ DEBT/OTHER	DISTRICT OF COLUMBIA DED. FUND.	STATE OF MARYLAND DED. FUND.	COMMONWEALTH OF VIRGINIA - NONRESTRICTED DED. FUND.	COMMONWEALTH OF VIRGINIA - RESTRICTED DED. FUND.	TOTAL DEDICATED FUNDING	FY2019 YEAR-END ACCRUALS REVERSED IN FY2020	FY2020 YEAR-END ACCRUALS
CIP0024	Track Rehabilitation	90,270,164	73,992,105	-	-	2,973,796	7,427,346	6,948,833	5,528,691	900,020	20,804,890	(9,263,271)	1,762,644
CIP0025	Track Maintenance Equipment	3,441,503	-	-	-	429,409	1,098,787	1,027,997	817,904	133,147	3,077,835	(338,964)	273,222
CIP0246	General Engineering	5,958,290	-	-	-	97,578	2,183,952	2,043,250	1,625,668	264,644	6,117,514	(794,723)	537,922
CIP0247	Emergency Construction	3,496,062	-	-	-	779	1,034,686	968,026	770,189	125,380	2,898,281	(146,025)	743,027
CIP0261	Tunnel Lighting	2,617,527	-	-	-	17,964	1,165,321	1,090,245	867,430	141,210	3,264,206	(664,642)	-
CIP0289	Third Rail Reconfiguration	742,172	-	-	-	55,756	259,331	242,623	193,038	31,425	726,416	(40,000)	-
CIP8011	D&E Fixed Rail Improvements	1,545,760	-	-	-	1,681,501	-	-	-	-	-	(289,080)	153,340
Fixed Rail		108,071,478	73,992,105	-	-	5,256,783	13,169,424	12,320,973	9,802,921	1,595,824	36,889,142	(11,536,706)	3,470,154
CIP0022	Track Structural Rehabilitation	1,845,000	589,994	-	-	1,280,095	334,551	312,997	249,030	40,540	937,118	(1,100,726)	138,519
CIP0026	Station/Tunnel Leak Mitigation	(1,361)	-	-	-	(2,193)	232	217	173	28	650	-	181
CIP0205	Bush Hill Aerial Structure	1,553,641	-	-	-	2,436,640	31,142	29,135	23,181	3,774	87,231	(970,231)	-
CIP0262	Tunnel Water Leak Mitigation	3,092,333	-	-	-	1,026,038	793,889	742,742	590,947	96,201	2,223,779	(316,906)	159,422
CIP0267	Edmonston Bridget Project	694,591	-	-	-	-	358,909	335,786	267,161	43,491	1,005,347	(310,756)	-
CIP0291	Tunnel Ventilation	5,240,350	-	-	-	691,018	1,067,316	998,553	794,478	129,334	2,989,680	(84,845)	1,644,497
CIP0294	Bridge Rehabilitation	337,429	-	-	-	61,425	31,630	29,592	23,544	3,833	88,599	(35,937)	223,342
CIP8013	D&E Track Structures Improvements	6,331,187	-	-	-	595,206	1,978,722	1,851,242	1,472,901	239,775	5,542,640	(1,598,991)	1,792,332
CRB0134	Wheaton Parking Improvements	568,878	-	-	-	449,451	-	-	-	-	-	-	119,427
Structures		19,662,046	589,994	-	-	6,537,680	4,596,391	4,300,265	3,421,414	556,974	12,875,044	(4,418,393)	4,077,721
Track and Structures Rehabilitation Investments		127,733,525	74,582,100	-	-	11,794,463	17,765,815	16,621,238	13,224,335	2,152,799	49,764,186	(15,955,099)	7,547,875
CIP0035	Bicycle & Pedestrian Facilities Improvements	1,988,075	-	-	-	1,684	795,285	744,048	591,986	96,370	2,227,688	(385,033)	143,736
CIP0087	Station Rehabilitation Program	8,747,080	-	-	-	576,400	2,979,838	2,787,860	2,218,102	361,086	8,346,886	(263,194)	86,987
CIP0088	Station Entrance Canopies	5,352,324	4,138,946	-	-	481,200	400,059	374,285	297,792	48,478	1,120,613	(672,720)	284,287
CIP0108	Rhode Island Avenue Metrorail Station Platform Rehabilitation	(1,525)	-	-	-	(1,525)	-	-	-	-	-	-	-
CIP0110	Orange/Blue Line Rehabilitation - Phase I	(19,057)	-	-	-	(26,416)	32,362	30,277	24,089	3,922	90,650	(83,291)	-
CIP0152	Parking Garage and Lot Rehabilitation	13,769,183	9,738,826	-	-	963,964	931,724	871,697	693,547	112,903	2,609,872	(605,025)	1,061,545
CIP0218	Station Upgrades	3,233,479	-	-	-	-	1,303,229	1,219,268	970,085	157,921	3,650,503	(649,140)	232,116
CIP0271	Metrorail Station Emergency Gates Replacement	2,322,428	-	-	-	6,789	933,986	873,813	695,231	113,177	2,616,206	(421,672)	121,104
CIP0274	Grosvenor Parking Garage Joint Development	9,151,151	-	-	-	181,123	3,283,501	3,071,959	2,444,139	397,883	9,197,483	(295,027)	67,572
CIP0300	Gallery Place-Chinatown Station Improvements	450,199	-	-	-	2,373	255,552	239,088	190,225	30,967	715,832	(268,006)	-
CIP0302	Huntington Parking Garage	297,206	-	-	-	297,206	-	-	-	-	-	-	-
CIP0305	Passenger Facilities SGR Program	390,106	-	-	-	447,451	-	-	-	-	-	(57,345)	-
CIP0306	Station Platform Rehabilitation - Phase 1	200,382,249	-	69,956,075	3,873,514	166,291,781	-	-	-	-	-	(51,659,736)	11,920,614
CIP0307	Station Platform Rehabilitation - Phase 2	149,834,979	-	67,519,554	-	34,955,614	-	-	-	-	-	-	47,359,811
CIP0308	Station Platform Rehabilitation - Phase 3	261,523	-	-	-	250,614	-	-	-	-	-	-	10,909
CIP0309	Huntington Metrorail Station Additional Entrance	13,305,000	-	-	-	10,758,685	228,949	214,199	170,423	27,743	641,315	-	1,905,000
CIP0345	Shady Grove Stairway	349,080	-	-	-	56,903	95,556	89,400	71,129	11,579	267,665	-	24,512
CRB0013	New Potomac Yard Metrorail Station	31,504,677	-	-	-	33,091,058	-	-	-	-	-	(6,494,865)	4,908,485
CRB0019	Silver Line Phase 1	10,631,792	-	-	-	10,608,131	-	-	-	-	-	(2,017)	25,677

TABLE 4: CAPITAL PROGRAM CASH EXPENDITURES AND FUNDING SOURCES - FY2020

Numbers are expressed in Whole Numbers

CIP	PROJECT NAME	TOTAL EXPENDITURES	FORMULA	PRIIA	OTHER FEDERAL	SYSTEM PERF./ DEBT/OTHER	DISTRICT OF COLUMBIA DED. FUND.	STATE OF MARYLAND DED. FUND.	COMMONWEALTH OF VIRGINIA - NONRESTRICTED DED. FUND.	COMMONWEALTH OF VIRGINIA - RESTRICTED DED. FUND.	TOTAL DEDICATED FUNDING	FY2019 YEAR-END ACCRUALS REVERSED IN FY2020	FY2020 YEAR-END ACCRUALS
CRB0020	Silver Line Phase 2 Prelim Eng	29,650,430	-	-	-	30,014,145	-	-	-	-	-	(2,204,552)	1,840,838
CRB0127	Purple Line	7,136,195	-	-	-	6,526,287	-	-	-	-	-	(192,108)	802,017
CRB0133	Union Station Entrance Improvements	1,082	-	-	-	1,141	-	-	-	-	-	(59)	-
CIP8015	D&E Platform & Structures Improvements	4,476,676	-	-	-	608,916	1,771,054	1,656,952	1,318,319	214,610	4,960,935	(1,203,142)	109,967
Platforms & Structures		493,214,333	13,877,772	137,475,630	3,873,514	296,093,524	13,011,096	12,172,846	9,685,066	1,576,639	36,445,648	(65,456,931)	70,905,176
CIP0072	Elevator Rehabilitation Program	5,400,986	2,439,241	3,422,987	-	492,700	-	-	-	-	-	(1,569,638)	615,697
CIP0073	Escalator Rehabilitation	2,182,510	186,078	1,956,075	-	35,157	-	-	-	-	-	(4,260)	9,461
CIP0132	Escalator and Elevator Overhaul	11,093,646	-	-	-	153,307	3,917,243	3,664,871	2,915,877	474,678	10,972,668	(242,585)	210,256
CIP0185	Escalator Replacement	9,329,820	724,430	8,558,153	-	2,038,998	-	-	-	-	-	(2,135,468)	143,708
Vertical Transportation		28,006,963	3,349,748	13,937,215	-	2,720,162	3,917,243	3,664,871	2,915,877	474,678	10,972,668	(3,951,952)	979,122
CIP0074	Parking Access and Collection Equipment Maintenance	33,735	-	-	-	-	11,134	10,416	8,288	1,349	31,187	-	2,548
CIP0093	Regional NextFare System	51,603	-	-	-	51,684	-	-	-	-	-	(81)	-
CIP0150	Non-Rev Facility Fire Systems	5,582,442	-	-	-	-	1,912,028	1,788,844	1,423,256	231,693	5,355,820	(131,183)	357,805
CIP0151	Station Cooling Systems Upgrade	22,647,872	10,428,018	-	-	4,028,576	3,023,581	2,828,784	2,250,662	366,387	8,469,413	(2,278,270)	2,000,135
CIP0219	Station Lighting Improvements	29,021,178	21,891,329	-	-	1,095,453	2,838,096	2,655,249	2,112,593	343,910	7,949,849	(4,189,645)	2,274,192
CIP0241	Raising Vent Shafts	171,427	-	-	-	-	35,267	32,995	26,252	4,274	98,786	(46,138)	118,779
CIP0242	Improving Drainage	9,900,294	-	-	7,012,030	-	496,141	464,177	369,312	60,121	1,389,751	(303,289)	1,801,802
CIP0255	Fare Collection Modernization Program	35,107,252	-	-	-	1,270,820	11,905,634	11,138,604	8,862,193	1,442,683	33,349,114	(2,390,523)	2,877,843
CIP0258	Fire Alarm System Upgrade	3,807,601	-	1,405,678	-	-	1,064,776	996,177	792,587	129,026	2,982,565	(866,264)	285,622
CIP0341	Standpipe Replacement Program	10,136,124	-	-	-	583,755	2,839,552	2,656,612	2,113,677	344,087	7,953,927	(319,162)	1,917,604
Station Systems		116,461,308	32,319,347	1,405,678	7,012,030	7,030,288	24,164,213	22,607,415	17,987,109	2,928,134	67,686,871	(10,629,235)	11,636,329
Stations and Passenger Facilities Investments		637,682,604	49,546,866	152,818,523	10,885,544	305,843,974	41,092,552	38,445,132	30,588,052	4,979,450	115,105,187	(80,038,118)	83,520,627
CIP0006	Bus Acquisition Program	53,754,821	49,871,627	-	4,518,136	77,991	-	-	-	-	-	(1,014,970)	302,036
CIP0015	MetroAccess Fleet Acquisition Program	1,137,173	7,969,377	-	300	547,041	-	-	-	-	-	(7,381,858)	2,314
CIP8021	D&E Bus & Paratransit	24,937	-	-	-	-	8,902	8,329	6,627	1,079	24,937	-	-
Bus and Paratransit Acquisition		54,916,931	57,841,004	-	4,518,436	625,032	8,902	8,329	6,627	1,079	24,937	(8,396,828)	304,350
CIP0002	Metrobus Onboard Equipment and Software Replacement	697,990	-	-	-	-	120,828	113,044	89,941	14,642	338,454	-	359,536
CIP0004	Bus Repair Equipment	882,723	-	-	-	-	327,457	306,360	243,749	39,680	917,245	(141,497)	106,975
CIP0005	Bus Rehabilitation Program	42,334,780	36,248,574	-	-	7,373,607	-	-	-	-	-	(2,808,762)	1,521,361
CIP0007	Metrobus Closed-Circuit Television (CCTV) Replacement Program	(94,740)	-	-	-	1,947,007	36,202	33,870	26,948	4,387	101,406	(2,163,153)	20,000
CIP0143	Bus Preventive Maintenance Program	1,039,342	995,855	-	-	43,487	-	-	-	-	-	-	-
CIP8023	D&E Bus Maint./Overhaul	474,628	-	-	-	474,628	-	-	-	-	-	-	-
Bus Maintenance/Overhaul		45,334,731	37,244,429	-	-	9,838,737	484,487	453,273	360,637	58,708	1,357,105	(5,113,413)	2,007,872
CIP0084	Southern Avenue Bus Garage Replacement	922,249	-	-	4,424	7,306,310	596,407	557,983	443,947	72,270	1,670,607	(8,059,092)	-
CIP0085	Royal Street Bus Garage Replacement (Cinder Bed Road)	(6,511,474)	-	-	-	19,457	428,588	400,976	319,028	51,935	1,200,526	(7,735,348)	3,892
CIP0086	Shepherd Parkway Bus Facility	9,470	-	-	-	1,280	3,095	2,896	2,304	375	8,670	(481)	-
CIP0155	Rehab Backlick Rd Facility	-	-	-	-	-	-	-	-	-	-	-	-
CIP0311	Bus Garage Replacement - Blandensburg	11,687,285	104,219	-	-	261,057	3,822,382	3,576,122	2,845,266	463,183	10,706,953	-	615,056
CIP0315	Bus Garage Replacement - Northern	19,479,714	1,288,167	-	-	5,917,029	3,998,406	3,740,805	2,976,292	484,513	11,200,016	(158,962)	1,233,465
CIP8025	D&E Bus Maintenance Facilities	467,410	-	-	-	6,677	178,033	166,563	132,522	21,573	498,691	(40,376)	2,418
Bus Maintenance Facilities		26,054,693	1,392,385	-	4,424	13,511,850	9,026,910	8,445,345	6,719,359	1,093,849	25,285,463	(15,994,259)	1,854,830

TABLE 4: CAPITAL PROGRAM CASH EXPENDITURES AND FUNDING SOURCES - FY2020

Numbers are expressed in Whole Numbers

CIP	PROJECT NAME	TOTAL EXPENDITURES	FORMULA	PRIIA	OTHER FEDERAL	SYSTEM PERF./ DEBT/OTHER	DISTRICT OF COLUMBIA DED. FUND.	STATE OF MARYLAND DED. FUND.	COMMONWEALTH OF VIRGINIA - NONRESTRICTED DED. FUND.	COMMONWEALTH OF VIRGINIA - RESTRICTED DED. FUND.	TOTAL DEDICATED FUNDING	FY2019 YEAR-END ACCRUALS REVERSED IN FY2020	FY2020 YEAR-END ACCRUALS
CIP0037	Bus Priority Corridor Network	130,677	-	-	120,947	-	3,473	3,250	2,586	421	9,730	-	-
CIP0220	Metrobus Planning Program	912,470	-	-	-	-	269,405	252,048	200,537	32,646	754,636	(26,372)	184,207
CIP0221	Bus Customer Facility Improvements	2,318,569	-	-	286,886	1,019,910	399,420	373,687	297,316	48,400	1,118,825	(373,722)	266,670
CIP0254	Traffic Signal Prioritization	862,544	-	-	-	-	300,107	280,772	223,390	36,366	840,635	-	21,909
CIP0266	Chevy Chase Bus Loop	118,667	-	-	-	-	42,137	39,422	31,365	5,106	118,030	-	636
CIP0275	New Carrollton Bus Bays Joint Development	(1,069,439)	-	-	-	9,056	533,803	499,412	397,347	64,684	1,495,246	(2,574,717)	976
CRB0012	King Street Station Bus Loop	122,668	-	-	-	142,195	-	-	-	-	-	(20,227)	699
CRB0132	Chevy Chase Bus Station	872	-	-	-	872	-	-	-	-	-	-	-
CIP8027	D&E Bus Passenger Fac./Systems	779,872	-	-	-	952,807	-	-	-	-	-	(179,668)	6,733
Bus Passenger Facilities/Systems		4,176,899	-	-	407,833	2,124,839	1,548,345	1,448,592	1,152,541	187,623	4,337,102	(3,174,706)	481,831
Bus and Paratransit Investments		130,483,254	96,477,818	-	4,930,693	26,100,460	11,068,644	10,355,539	8,239,164	1,341,259	31,004,606	(32,679,206)	4,648,883
CIP0102	Metro Transit Police Departement (MTPD) District III Substation Construction	95,572	-	-	-	-	56,829	53,168	42,302	6,886	159,186	(68,782)	5,168
CIP0106	Special Operations Division Facility	972,673	-	-	-	832,010	-	-	-	-	-	-	140,663
CIP0127	Support Equipment - MTPD	217,147	-	-	-	217,147	-	-	-	-	-	-	-
CIP8031	D&E MTPD	204,017	-	-	-	213,964	-	-	-	-	-	(9,947)	-
MTPD		1,489,410	-	-	-	1,263,122	56,829	53,168	42,302	6,886	159,186	(78,729)	145,831
CIP0042	Bus & Rail Asset Management Software	50,683	-	-	-	480,241	-	-	-	-	-	(429,558)	-
CIP0043	Bus Operations Support Software	980,081	-	-	-	1,026,374	-	-	-	-	-	(65,312)	19,018
CIP0044	IT Capital Program Business Process Reengineering and Program Support	26,524	-	-	-	55,795	49,383	46,202	36,760	5,984	138,329	(167,600)	-
CIP0045	Data Centers and Infrastructures	(2,432,239)	-	-	-	(2,078,223)	-	-	-	-	-	(354,016)	-
CIP0046	Document Management System	9,880	-	-	-	42,241	-	-	-	-	-	(32,361)	-
CIP0047	Enterprise Geographic Information System	64,673	-	-	-	180,849	-	-	-	-	-	(116,176)	-
CIP0048	Sensitive Data Protection Technology	42,067	-	-	-	45,608	-	-	-	-	-	(3,541)	-
CIP0049	Management Support Software	9,988,059	-	-	-	11,761,122	-	-	-	-	-	(2,124,510)	351,447
CIP0051	Police Dispatch and Records Management	990,637	-	-	-	-	382,893	358,224	285,014	46,398	1,072,528	(120,283)	38,392
CIP0052	Network and Communications	1,297,531	-	-	-	1,660,137	14,109	13,200	10,502	1,710	39,522	(430,088)	27,961
CIP0054	Customer Electronic Communications & Outreach	2,980,713	-	-	-	3,031,816	-	-	-	-	-	(246,225)	195,123
CIP0056	Rail Operations Support Software	2,769,684	-	-	-	2,797,893	-	-	-	-	-	(334,509)	306,300
CIP0128	Data Governance and Business Intelligence	203,030	-	-	-	158,958	36,114	33,787	26,882	4,376	101,160	(59,008)	1,920
CIP0196	Safety Measurement System	35,858	-	-	-	-	94,693	88,593	70,487	11,475	265,247	(229,389)	-
CIP0215	Rail Scheduling System Upgrade	38,117	-	-	-	-	14,005	13,103	10,425	1,697	39,230	(1,113)	-
CIP0230	Wireless Communication Infrastructure	3,799	-	-	-	3,799	-	-	-	-	-	-	-
CIP0259	Timekeeping Fix - Kronos	7,445,156	-	-	-	-	2,731,281	2,555,316	2,033,083	330,967	7,650,647	(850,383)	644,892
CIP0269	Enterprise Asset Mgmt Systems	4,719,956	-	-	-	12,525	688,313	643,968	512,360	83,407	1,928,048	(192,492)	2,971,875
CIP0330	Data Centers Move and Construction	468,956	-	-	-	244,200	108,512	101,521	80,773	13,149	303,956	(221,760)	142,560
CIP0331	PeopleSoft Upgrade	793,384	-	-	-	-	264,802	247,742	197,111	32,088	741,744	-	51,640

TABLE 4: CAPITAL PROGRAM CASH EXPENDITURES AND FUNDING SOURCES - FY2020

Numbers are expressed in Whole Numbers

CIP	PROJECT NAME	TOTAL EXPENDITURES	FORMULA	PRIIA	OTHER FEDERAL	SYSTEM PERF./ DEBT/OTHER	DISTRICT OF COLUMBIA DED. FUND.	STATE OF MARYLAND DED. FUND.	COMMONWEALTH OF VIRGINIA - NONRESTRICTED DED. FUND.	COMMONWEALTH OF VIRGINIA - RESTRICTED DED. FUND.	TOTAL DEDICATED FUNDING	FY2019 YEAR-END ACCRUALS REVERSED IN FY2020	FY2020 YEAR-END ACCRUALS
CIP0332	Fiber Installation (TPSS/TCR to COMM Room)	3,102,666	-	-	-	-	1,032,840	966,298	768,815	125,156	2,893,109	(406,873)	616,430
CIP0342	IT Hardware Replacement Program	7,950,935	-	-	-	-	2,770,977	2,592,454	2,062,631	335,777	7,761,840	-	189,095
CIP0343	Operating and Maintenance Applications	20,528,656	-	-	-	-	6,421,801	6,008,072	4,780,195	778,171	17,988,239	-	2,540,417
CIP0344	IT Program Mgmt and QA	741,747	-	-	-	549,716	15,130	14,155	11,262	1,833	42,381	-	149,650
CIP0351	OIG IT Security	307,098	-	-	-	307,098	-	-	-	-	-	-	-
CIP8029	D&E IT	2,915,505	-	-	-	3,190,399	110,148	103,051	81,991	13,347	308,537	(821,898)	238,467
IT		66,023,157	-	-	-	23,470,548	14,735,002	13,785,688	10,968,290	1,785,536	41,274,516	(7,207,096)	8,485,189
CIP0009	Service Vehicle Replacement Program	11,555	-	-	-	-	559,974	523,897	416,828	67,856	1,568,554	(1,902,320)	345,321
CIP0010	Environmental Compliance Project	3,743,681	-	-	-	-	1,184,177	1,107,885	881,465	143,494	3,317,022	(19)	426,678
CIP0011	Underground Storage Tank Replacement Program	694,480	-	-	-	27,067	250,031	233,922	186,115	30,298	700,366	(32,953)	-
CIP0028	Materials Handling Equipment	217,972	-	-	-	-	77,816	72,803	57,924	9,429	217,972	-	-
CIP0033	Revenue Facility Equipment	317,562	-	-	-	-	113,370	106,066	84,389	13,738	317,562	-	-
CIP0034	Revenue Collection Facility	418,913	-	-	-	-	9,815	9,182	7,306	1,189	27,492	(5,087)	396,508
CIP0036	Procurement Program Support	1,006,684	-	-	-	-	352,854	330,121	262,653	42,758	988,385	-	18,298
CIP0039	Core & System Development Program	1,241,070	-	-	-	-	1,183,094	1,106,872	880,659	143,363	3,313,989	(2,115,407)	42,487
CIP0080	Building Infrastructure & Systems ReNeweral	29,981	-	-	-	20,637	3,336	3,121	2,483	404	9,344	-	-
CIP0099	Joint Development	315,372	-	-	-	793	60,814	56,896	45,268	7,369	170,347	-	144,232
CIP0101	INCP Capital Management	32,670	-	-	-	-	2,238	2,094	1,666	271	6,270	-	26,400
CIP0131	Capital Program Financing	1,065,638	-	-	-	1,065,638	-	-	-	-	-	-	-
CIP0149	Transit Asset Mgmt System	4,695	-	-	-	-	131,400	122,934	97,810	15,923	368,066	(363,371)	-
CIP0170	Roof Rehabilitation and Replacement	28,723,218	8,001,711	-	-	5,736,192	5,101,343	4,772,685	3,797,286	618,163	14,289,477	(1,033,332)	1,729,170
CIP0197	Rehabilitation of Non-Revenue Facilities	(1,057)	-	-	-	33,782	166	155	124	20	465	(35,304)	-
CIP0212	Environmental Sustainability Lab	1,358,521	-	-	-	-	474,312	443,755	353,064	57,476	1,328,606	(59,376)	89,291
CIP0213	Capital Program Development Support	3,711,535	-	-	-	953,204	975,403	912,562	726,061	118,196	2,732,222	(2,295)	28,404
CIP0224	IT Capital Management	75,576	-	-	-	1,318	2,948	2,758	2,194	357	8,257	-	66,000
CIP0270	Capital Delivery Program Support	20,154,563	-	-	-	26,402,359	-	-	-	-	-	(9,709,016)	3,461,221
CIP0272	Station Commercialization Project	10,197,842	-	-	-	36,117	3,744,239	3,503,013	2,787,098	453,714	10,488,064	(4,189,566)	3,863,228
CIP0273	Facility Improvements	8,914,853	-	-	-	106,700	2,981,921	2,789,809	2,219,652	361,339	8,352,721	(252,625)	708,057
CIP0276	Station Commercialization Plan	1,376,143	-	-	-	-	555,549	519,757	413,534	67,319	1,556,159	(201,274)	21,258
CIP0277	Supply Chain Modernization	1,433,282	-	-	-	-	511,682	478,716	380,880	62,004	1,433,282	-	-
CIP0324	Capital Program Financial Support	1,302,811	-	-	-	1,302,811	-	-	-	-	-	-	-
CIP0335	Headquarters - District of Columbia	32,433,322	-	-	-	27,527,126	32,781	30,669	24,401	3,972	91,824	(767,849)	5,582,221
CIP0336	Energy Management Upgrades	303,717	-	-	-	-	102,202	95,617	76,076	12,384	286,279	-	17,438
CIP0337	Headquarters - Virginia	18,609,147	-	-	-	16,109,042	-	-	-	-	-	-	2,500,105
CIP0338	Headquarters - Maryland	11,853,196	-	-	-	11,846,783	318	297	236	38	890	-	5,524
CIP0347	Accounting Capital Program Support	751,696	-	-	-	-	263,861	246,862	196,410	31,974	739,108	-	12,588
CIP8033	D&E Support Equipment/Services	1,068,205	-	-	-	-	324,398	303,498	241,472	39,309	908,677	(184,404)	343,932
CRB0005	Project Development Program - DC	248,983	-	-	-	314,687	-	-	-	-	-	(67,871)	2,167
CRB0009	Project Development Program - MD	603,926	-	-	-	642,757	-	-	-	-	-	(40,905)	2,074

TABLE 4: CAPITAL PROGRAM CASH EXPENDITURES AND FUNDING SOURCES - FY2020

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CIP	PROJECT NAME	TOTAL EXPENDITURES	FORMULA	PRIIA	OTHER FEDERAL	SYSTEM PERF./ DEBT/OTHER	DISTRICT OF COLUMBIA DED. FUND.	STATE OF MARYLAND DED. FUND.	COMMONWEALTH OF VIRGINIA - NONRESTRICTED DED. FUND.	COMMONWEALTH OF VIRGINIA - RESTRICTED DED. FUND.	TOTAL DEDICATED FUNDING	FY2019 YEAR-END ACCRUALS REVERSED IN FY2020	FY2020 YEAR-END ACCRUALS
CRB0018	Project Development Program - VA	247,225	-	-	-	304,603	-	-	-	-	-	(59,696)	2,318
SCOV19-06	COVID-19 IT: Equipment & Services	19,429,647	-	-	5,022,935	-	4,295,695	4,018,942	3,197,585	520,537	12,032,759	-	2,373,953
Support Equipment/Services		171,896,622	8,001,711	-	5,022,935	92,431,614	23,295,735	21,794,889	17,340,640	2,822,895	65,254,159	(21,022,670)	22,208,873
Business Support Investments		239,409,189	8,001,711	-	5,022,935	117,165,283	38,087,566	35,633,746	28,351,232	4,615,317	106,687,861	(28,308,495)	30,839,893
Total Capital Program		1,708,630,070	375,967,708	347,399,991	22,564,153	537,602,560	178,246,609	166,762,933	132,681,383	21,599,295	499,290,220	(235,188,312)	160,993,749

Notes:

1. Negative expenditures can be attributed to corrections to payroll or invoice expenses related to prior fiscal years.
2. Accruals are not assigned a fund source in the funds management system. Accruals made at the end of FY2020 will be paid and assigned a fund source in FY2021, or reversed as appropriate. Any carry-forward funds will be used by these accrued expenses.
3. Maryland withheld \$35,586,809 of its FY2020 System Performance funding and \$2,445,488 of its FY2019 System Performance. These amounts have not been paid, but the project costs associated with that funding have been incurred.
4. FY2020 System Performance billing included \$23.4M to be used to offset revenue losses from shutdowns for the Platform 2 project. These funds remain on-account.
5. FY2020 System Performance billing included \$28M to be used as the required fund source for the use of remaining Federal interest in railcars that were retired early. Due to a grant application technicality, Metro was unable to use these funds in FY2020, but they are noted on a FTA grant and committed for use in early FY2021. These funds remain on-account with Metro for this purpose.
6. Formula, PRIIA, and Other Federal columns include local match contributions.

TABLE 5: CAPITAL PROGRAM INFORMATION

INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Railcar Investments	CIP0059	8000 Series Railcar Procurement	This project acquires 360 new railcars to replace the 2000 and 3000 Series fleets, and includes unfunded options for future railcar fleet expansion.	Project Development	Systemwide	Customer Satisfaction, Operational Impact, Reliability, Ridership	Pending Award	Alstom Transportation Inc.
Railcar Investments	CIP0063	Railcar Rehabilitation Program	This program will support scheduled overhauls in order to maintain railcar state of good repair, improve lifecycle safety and railcar reliability. Approximately one-fifth of the fleet (225 cars), are overhauled annually.	Ongoing Program	Greenbelt Rail Yard; Brentwood Rail Yard	Customer Satisfaction, Operational Impact, Reliability, Ridership	Under Contract	(To assist with long term parts and material contracts. The overall project costs are primarily labor, parts, and materials.)
Railcar Investments	CIP0067	Rail Car Safety & Reliability Improvements	This program performs engineering analysis, diagnosis, testing and resolution of safety, maintenance and operational issues relating to the railcar fleet and its interaction with track, automatic train control, communication and power systems, resolving compatibility issues across the various fleets and infrastructure related to changes and aging technology which improves the safety and reliability of railcars.	Implementation	Systemwide	Safety, Reliability	Under Contract	Merak North America
Railcar Investments	CIP0116	Rail Yard Facility Repairs	This project is for the rehabilitation of Alexandria, Brentwood and New Carrollton Rail yards that were put into service between 1976 and 1983. The scope of work varies across the facilities and rehabilitation work will include all systems and infrastructure to increase overall efficiency.	Implementation	Systemwide	Safety, Reliability	Closed Contract	Potomac Construction Co. Inc.
Railcar Investments	CIP0142	Railcar Preventive Maintenance	Provides preventive maintenance of the railcar fleet	Ongoing Program	Systemwide	Operational Impact, Reliability	Not Applicable	
Railcar Investments	CIP0145	Station and Yard Security Upgrades	This program will provide for the hardening and enhancement of security at various rail yards, stations, and facilities by installing CCTV surveillance and additional security measures.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	Schneider Electric Critical Systems, Inc.
Railcar Investments	CIP0204	Railcar Rooftop Access Platforms	Construct and install railcar rooftop access platforms at Alexandria, Brentwood, Shady Grove, Branch Avenue, and Greenbelt railyards to allow safe and efficient maintenance of HVAC on the 7000-series trains.	Implementation	Shady Grove, Greenbelt, Branch Avenue, Alexandria, and Brentwood Rail Yards	Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Potomac Construction Co. Inc.
Railcar Investments	CIP0225	Railcar Heavy Repair and Overhaul Facility	This project will build a new Heavy Railcar Repair and Overhaul (HRO) Facility in Landover, MD in vicinity of CTF and Main Supply Facility. This will consolidate all Railcar Overhaul functions into a dedicated facility. Currently, Railcar rehabilitation and overhaul are split between Brentwood and Greenbelt Rail Yards.	Project Development	Pennsy Dr. Landover, MD	Operational Impact, Reliability, Ridership	Pending Award	
Railcar Investments	CIP0231	Good Luck Road Facility Construction	This project will include the purchase of a warehouse or yard space to provide dedicated space for relocated maintenance departments displaced by rail yard projects and who are not required to be located in an active Metrorail yard.	Ongoing Program	Glenn Dale, MD	Operational Impact	Under Contract	W M Schlosser Co. Inc.
Railcar Investments	CIP0256	7000 Series Railcars Procurement	This project procures 620 of the 7000 Series railcars to replace the 1000, 4000, 5000 Series fleets, plus 28 additional railcars.	Implementation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	Kawasaki Rail Car Inc.
Railcar Investments	CIP0283	Railcar Maintenance Facility SGR Program	This project is for the replacement and/or renovation of Railcar Maintenance Facilities, equipment, and systems to achieve a state of good repair.	Project Development	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Gannett Fleming-Parsons Joint

TABLE 5: CAPITAL PROGRAM INFORMATION

INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Railcar Investments	CIP0284	Yard Facility Rehabilitation	This project is for Rail Yard facility (eight locations) rehabilitation to maintain buildings and equipment in a state of good repair.	Implementation	Systemwide	Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Gannett Fleming-Parsons Joint Venture
Railcar Investments	CIP8001	D&E Rail Car Replacement	This project will address surveys, studies, engineering, and design tasks related to new Railcar acquisition efforts that may lead to future capital projects or programs.	Development and Evaluation	Systemwide	Not Applicable	In Development	
Railcar Investments	CIP8005	D&E Rail Yard Improvements	This project will provide surveys, studies, engineering, and designs related to new Rail Yard Improvements which may lead to future capital projects or programs.	Development and Evaluation	Systemwide	Customer Satisfaction, Operational Impact, Ridership	Under Contract	Gannett Fleming-Parsons Joint Venture
Railcar Investments	CRB0019_19	Silver Line Phase 1 Railcars	This project supports the procurement of the base option of 64 railcars for phase 1 of the Silver Line.	Implementation	Systemwide	Not Applicable	Under Contract	Kawasaki Rail Car Inc.
Railcar Investments	CRB0020_01	Silver Line Phase 2 Railcars	This project supports procurement of 64 railcars for phase 2 of the Silver Line.	Implementation	Systemwide	Not Applicable	Under Contract	Kawasaki Rail Car Inc.
Rail Systems Investments	CIP0076	Rail Power Infrastructure Upgrades	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 increase both system capacity and reliability.	Implementation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	C3M Power Systems, LLC
Rail Systems Investments	CIP0133	Wayside Warning Train Wash	This project will install a safety signaling system at rail portals and other locations to alert personnel of approaching trains. This project will also develop a warning system to alert train operators about the presence of workers on the wayside.	Implementation	Systemwide	Fire/Life/Safety	Under Contract	eVigilant Security
Rail Systems Investments	CIP0136	Radio Infrastructure Replacement	This project will replace the existing Metro Comprehensive Radio Communications System (CRCS) operating in 450-490 MHz frequency band (also referred to as T-Band) with a new system operating in the 700 MHz band, as required by the Federal Communications Commission (FCC) T-Band relocation requirement that affects the Metro's Ultra High Frequency radio system. The project will also install wireless signal communications throughout the tunnel system allowing customers to utilize cellular and data service while underground.	Implementation	Systemwide	Fire/Life/Safety	Under Contract	Motorola Solutions Inc.
Rail Systems Investments	CIP0139	National Transportation Safety Board Recommendations	This project implements National Transportation Safety Board (NTSB) recommended safety improvements, corrective action plans, assessments and testing for systemwide implementation.	Implementation	Systemwide	Fire/Life/Safety	Under Contract	LanceSoft, Inc.
Rail Systems Investments	CIP0251	Automatic Train Control State of Good Repair	The Automatic Train Control (ATC) rooms and associated Train Control Room (TCR) and wayside equipment are aging. Obsolete and failing equipment must be replaced at intervals ranging from 20 to 40 years.	Ongoing Program	Systemwide	Reliability, Ridership	Under Contract	M.C. Dean, Inc.
Rail Systems Investments	CIP0252	Alternating Current (AC) Power Systems State of Good Repair	This program consists of continuously improving and maintaining existing AC power systems in a State of Good Repair (SOGR) in order to deliver safe and reliable Metrorail operations. Obsolete and failing equipment must be replaced at intervals ranging from eighteen to forty years.	Ongoing Program	Systemwide	Operational Impact, Reliability	Under Contract	Potomac Construction Co. Inc. Aldridge Electric, Inc. Singleton Electric Company, Inc.
Rail Systems Investments	CIP0253	Traction Power State of Good Repair	This program replaces traction power related components which are beyond or nearing the end of their useful life to maintain a reliable traction power system. This work includes equipment in both traction power substations and tie break stations, cabling, current and resistance testing, transformer replacements, and other ancillary components.	Ongoing Program	Systemwide	Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	C3M Power Systems, LLC Mott MacDonald I&E, LLC

TABLE 5: CAPITAL PROGRAM INFORMATION

INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Rail Systems Investments	CIP0257	Emergency Trip Station Infrastructure	The existing ETS system has an aging, deteriorating infrastructure and utilizes obsolete electrical components and communications technology. This project funds upgrades to the Rail Right-Of-Way (ROW) Emergency Trip Station (ETS) telephones. The new ETS Telephone system will replace the existing ETS telephone instruments with intelligent telephones that can perform self-diagnosis.	Implementation	Systemwide	Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Five Points Infrastructure Services, LLC
Rail Systems Investments	CIP0260	Track Inspector Location Pilot	This project develops and pilots technology that will allow for accurate tracking and location of workers within the right-of-way. The solution will be evaluated for effectiveness and a determination will be made to move forward with the remainder of the system.	Development and Evaluation	Systemwide	Fire/Life/Safety, Operational Impact	Under Contract	Protran Technology
Rail Systems Investments	CIP8007	D&E Power Improvements	This program provides surveys, studies, engineering, and designs related to new power distribution and maintenance efforts that may lead to future capital projects or programs.	Development and Evaluation	Silver Line	Fire/Life/Safety, Operational Impact	Pending Closeout	Mott McDonald, eVigilant Security
Rail Systems Investments	CIP8009	D&E ATC & Communications Improvements	This program provides surveys, studies, engineering, and designs related to new Signals and Communications Program efforts that may lead to future capital projects or programs.	Ongoing Program	Systemwide	Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	Mott MacDonald I&E, LLC
Track and Structures Rehabilitation Investments	CIP0022	Track Structural Rehabilitation	This project rehabilitates structural components and restores elevated platforms, bridges and retaining walls to designed load carrying capacity. The goals are based on annual inspections and critical engineering assessments, as the loss of one of these structures could affect an entire Metrorail line segment.	Ongoing Program	Systemwide	Operational Impact, Reliability, Ridership	Under Contract	Bullock Construction Inc, Louis Berger (DC), PLLC/Urban Engineers
Track and Structures Rehabilitation Investments	CIP0024	Track and Structures Rehabilitation	This program rehabilitates the track structure by replacing deteriorated fixed rail and structural components in addition to providing stabilization and tamping of track, along with improvements to the electrical and signal conductivity of running rail.	Ongoing Program	Systemwide	Operational Impact, Reliability, Ridership	Under Contract	Bullock Construction Inc, Louis Berger (DC), PLLC/Urban Engineers
Track and Structures Rehabilitation Investments	CIP0025	Track Maintenance Equipment	This program replaces heavy-duty track equipment that has reached the end of its useful life and is no longer feasible to maintain. Track equipment is essential to the safe and efficient execution of track rehabilitation and maintenance work. Timely replacement of self-propelled track equipment maximizes equipment availability and reliability, and reduces delays due to equipment breakdowns which allows for efficient use of track outages.	Implementation	Commissioning for equipment will occur at Greenbelt Rail Yard	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	HARSCO Metro Rail LLC
Track and Structures Rehabilitation Investments	CIP0205	Bush Hill Aerial Structure	This project will rehabilitate the Bush Hill bridge in order to maintain structural integrity. This bridge was originally constructed in the late 1990's and has been identified for rehabilitation through an annual inspection. The Bush Hill Bridge is located on the Blue line (the J-route) and is used by Metrorail daily.	Implementation	VA	Safety, Reliability	Under Contract	Freyssinet LLC
Track and Structures Rehabilitation Investments	CIP0246	General Engineering Support	General engineering support services for the development of architectural/engineering concept designs to help define capital projects needed to resolve priority operational and maintenance problems.	Ongoing Program	Systemwide	Operational Impact, Reliability, Ridership	Under Contract	Gannett Fleming-Parsons Joint Venture
Track and Structures Rehabilitation Investments	CIP0247	Emergency Construction Support	Supports emergency construction across the system.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	CG Automation Solutions USA, Inc.

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Track and Structures Rehabilitation Investments	CIP0261	Tunnel Light Improvements	Replace tunnel lights and fixtures with LED lamps instead of fluorescents. These improvements will provide a safe environment for employees and create a more efficient operational environment. This investment is a recommendation from the 2017 agency wide energy audit and a safety corrective action plan.	Implementation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	C3M Power Systems, LLC
Track and Structures Rehabilitation Investments	CIP0262	Tunnel Water Leak Mitigation	This program will address the water infiltration into the tunnel system through epoxy injection into the surrounding rock surface. Mitigating water intrusion reduces deterioration of assets and improves the safety and reliability of rail service.	Project Development	Systemwide	Operational Impact, Reliability, Ridership	In Development	
Track and Structures Rehabilitation Investments	CIP0267	Edmonston Bridge Project	This project will rehabilitate the Edmonston Drive Bridge in the City of Rockville, MD, to maintain structural integrity. This bridge crosses over WMATA's Metrorail Red Line right-of-way approximately one mile south of the Rockville Metro Station and was identified for rehabilitation through a City of Rockville annual inspection. WMATA and City of Rockville are to coordinate and share related costs of the construction/maintenance, and operation of the Red Line over and around Rockville public facilities.	Implementation	MD	Safety	Closed Contract	
Track and Structures Rehabilitation Investments	CIP0289	Third Rail Reconfiguration	This project supports the design and implementation of a new Third Rail Reconfiguration.	Development and Evaluation	Systemwide	Operational Impact, Reliability	Under Contract	Mott MacDonald
Track and Structures Rehabilitation Investments	CIP0291	Tunnel Ventilation	The tunnel ventilation and fan shaft rehabilitation project will upgrade components in vent shafts including, but not limited to: all electric, lighting, fans, communications, equipment, ladders, steps, smoke detectors, alarms and information technology infrastructure.	Project Development	Cleveland Park Woodley Park Van Ness	Operational Impact, Reliability	In Development	
Track and Structures Rehabilitation Investments	CIP0294	Bridge Rehabilitation	This program will rehabilitate bridge and aerial structures that have reached the end of their useful life.	Project Development	Systemwide	Operational Impact, Reliability	Under Contract	HNTB Corporation
Track and Structures Rehabilitation Investments	CIP0348	Minnesota Avenue Aerial Structure Rehabilitation	This project will retrofit hammerhead pier caps which support aerial guideways on Minnesota Avenue Bridge on the Orange Line. This retrofit construction will add a concrete pier cap box to each of the 60 bridge hammerheads to reinforce structures and extend the useful life of the structures by 75 years.	Project Development	DC	Operational Impact, Reliability	In Development	
Track and Structures Rehabilitation Investments	CIP8011	D&E Fixed Rail Improvements	This project supports the development and evaluation of new initiatives associated with fixed rail improvements.	Development and Evaluation	Systemwide	Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	DHA/RK&K Joint Venture
Track and Structures Rehabilitation Investments	CIP8013	D&E Track Structures Improvements	This project will address surveys, studies, engineering, and design tasks related to new Structures Program efforts that may lead to future capital projects or programs.	Development and Evaluation	Systemwide	Customer Satisfaction, Operational Impact, Ridership	Under Contract	Gannett Fleming-Parsons Joint Venture
Track and Structures Rehabilitation Investments	CRB0134	Wheaton Parking Improvements	This project will address facility, security, and lighting upgrades at the Wheaton Parking facility.	Implementation	MD	Customer Satisfaction, Fire/Life/Safety, Operational Impact	Pending Closeout	eVigilant Security
Stations and Passenger Facilities Investments	CIP0035	Bicycle & Pedestrian Facilities Improvements	This project will increase bicycle parking capacity at Metrorail stations and improve bicycle and pedestrian connections to stations from local communities. Additionally, this project replaces bike racks and lockers that are structurally damaged.	Implementation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact	In Development	

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Stations and Passenger Facilities Investments	CIP0072	Elevator Rehabilitation Program	Rehabilitate elevators at Metrorail stations across the system to improve performance and availability. Project includes the replacement of internal elevator components and upgrade of associated lighting while ensuring that code requirements are met and a state of good repair is achieved and maintained.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	TMAKm Joint Venture
Stations and Passenger Facilities Investments	CIP0073	Escalator Rehabilitation	This program rehabilitates and replaces escalators as necessary to maintain escalator availability, safety and reliability. The escalators are rehabilitated with energy saving devices.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	TMAKm Joint Venture
Stations and Passenger Facilities Investments	CIP0074	Parking Access and Collection Equipment Maintenance	This project will upgrade and replace communication devices for credit and debit card readers at parking garages and surface lots.	Implementation	Systemwide	Customer Satisfaction, Operational Impact	Under Contract	Whitaker Parking Systems Inc.
Stations and Passenger Facilities Investments	CIP0087	Station Rehabilitation Program	Twenty-four stations are scheduled for rehabilitation every year which results in each station receiving rehabilitation every four years. This program consists of evaluation of station condition, replacement of worn materials, and a thorough cleaning and power washing of all concrete and architectural features.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	C3M Power Systems, LLC Herc Rentals Inc.
Stations and Passenger Facilities Investments	CIP0088	Station Entrance Canopies	This project provides for installation of canopies over the remaining eleven stations with exposed escalators to protect both riders and escalators from weather. Canopies will aid in maintaining the State of Good Repair.	Implementation	Systemwide	Fire/Life/Safety, Operational Impact	Under Contract	F.H. Paschen, S.N. Nielsen & Assoc., LLC
Stations and Passenger Facilities Investments	CIP0093	Regional NextFare System	This project replaces and upgrades the regional fare collection system and develops an active backup database for the Fare Collection System Central Computer infrastructure. This project also includes the installation and maintenance of Compact Point of Sale units, the installation of SmarTrip(R) Card Dispensers throughout the system, labor to support the conversion of the Farecard Express Reload Machine Vendors (Paper Farecards) to SmarTrip(R) Sale and Reload Machines that vend reusable SmarTrip(R) cards.	Implementation	Systemwide	Customer Satisfaction, Operational Impact	In Development	
Stations and Passenger Facilities Investments	CIP0110	Orange/Blue Line Rehabilitation - Phase I	This project is the first stage of a comprehensive rehabilitation of the Orange and Blue Lines that will focus on rebuilding systems and infrastructure to extend useful life and improve reliability of the Metro system.	Implementation	Systemwide	Safety, Reliability, Customer Satisfaction	Closed Contract	Clark Construction Group, LLC
Stations and Passenger Facilities Investments	CIP0132	Escalator and Elevator Overhaul	Rehabilitate or replace escalator and elevator components based on WMATA asset management criteria.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Precision Escalator Products
Stations and Passenger Facilities Investments	CIP0150	Non-Rev Facility Fire Systems	This project upgrades existing fire alarm systems in auxiliary facilities and provides a central monitoring system. This project includes, but is not limited to, the removal and replacement of Halon Suppression System, development of a Fire and Intrusion Alarm (FIA) training lab and the repair or replacement of the existing standpipe system including parking garages.	Implementation	Systemwide	Fire/Life/Safety	Under Contract	Potomac Construction Co Inc
Stations and Passenger Facilities Investments	CIP0151	Station Cooling Systems Upgrade	This program rehabilitates station air conditioning systems including, but not limited to, rehabilitation/replacement of chiller plants, cooling towers, ventilation systems, air handling units and ductwork.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Paramount Mechanical Corp. Gannet Flemming-Parsons Joint Venture

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Stations and Passenger Facilities Investments	CIP0152	Parking Garage and Lot Rehabilitation	This program will rehabilitate parking structures including repair of horizontal concrete surfaces, slabs, soffits, beams, columns, walls; repair or replacement of post-tensioning anchorages, tendons, sheathing and expansion joints; application of traffic markings and traffic bearing membrane.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Gannett Fleming-Parsons Joint Venture II Concrete Protection & Restoration, Inc.
Stations and Passenger Facilities Investments	CIP0185	Escalator Replacement	Replacement of escalators that have reached the end of their useful life.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Pending Award	
Stations and Passenger Facilities Investments	CIP0218	Station Upgrades	This project provides upgrades to stations throughout the system to improve passenger flow and customer experience.	Development and Evaluation	Systemwide	Reliability	Under Contract	Mott McDonald, Jacobs Engineering Group, Inc.
Stations and Passenger Facilities Investments	CIP0219	Station Lighting Improvements	This program improves the lighting and illumination levels at mezzanines, lower level platforms, and track beds of Metrorail stations.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	M.C. Dean, Inc.
Stations and Passenger Facilities Investments	CIP0241	Raising Vent Shafts	This project will elevate surface barriers of vent shafts which will protect stations from flood waters entering into the rail system.	Development and Evaluation	Systemwide	Fire/Life/Safety, Operational Impact	Under Contract	AECOM
Stations and Passenger Facilities Investments	CIP0242	Improving Drainage	This project will replace and improve drainage pumping stations to support the Drainage/Flood/Piping replacement program for Flood Resiliency improvements. This project will also replace and improve drainage pumping stations and sewage ejector systems that have exceeded their lifecycle throughout the Metrorail system.	Implementation	Systemwide	Operational Impact, Reliability	Under Contract	M&M Welding, DHA/RK&K Joint Venture, Gannett Fleming-Parsons Joint Venture II
Stations and Passenger Facilities Investments	CIP0255	Fare Collection Modernization Program	Replacement of Metro's Fare Collection systems in rail stations and aboard Metrobuses.	Project Initiation	Systemwide	Customer Satisfaction, Reliability	Under Contract	Cubic Transportation System Inc Straffice America, LLC
Stations and Passenger Facilities Investments	CIP0258	Fire Alarm System Upgrade	This program will upgrade fire alarm systems in the tunnels and stations.	Implementation	Systemwide	Fire/Life/Safety	Under Contract	eVigilant Security
Stations and Passenger Facilities Investments	CIP0271	Metrorail Station Emergency Gates Replacement	Replace Metrorail station emergency gates.	Project Development	Systemwide	Operational Impact	Under Contract	Potomac Construction Co. Inc.
Stations and Passenger Facilities Investments	CIP0274	Grosvenor-Strathmore Parking Garage Joint Development	Replace surface parking lot at Grosvenor-Strathmore Parking Garage with approximately 400 garage spaces.	Implementation	Grosvenor - Strathmore Station	Operating Impact, Customer Satisfaction	Under Contract	Gannett Fleming-Parsons Joint Venture
Stations and Passenger Facilities Investments	CIP0300	Gallery Place/Chinatown Passenger Circulation Improvement Study	This project works to address capacity planning for the Gallery Place-Chinatown Metro Station. This station is the third busiest station in WMATA's Metrorail System.	Implementation	Gallery Place-Chinatown	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	AECOM
Stations and Passenger Facilities Investments	CIP0302	Huntington Parking Garage	This project will assess and determine possible future development and investment at the Huntington station and adjacent properties.	Implementation	Huntington Station	Operational Impact	Under Contract	Stout & Teague Management Corp

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Stations and Passenger Facilities Investments	CIP0306	Stations Platform Rehabilitation - Phase 1	Rehabilitation and repair of platforms at the following stations along the Blue and Yellow Lines in Virginia to address unsafe and deteriorating conditions: Huntington, Eisenhower Ave, Franconia-Springfield, Van Dorn St, King St-Old Town, Braddock Rd. Customer experience improvements include slip-resistant tile, improved LED lighting, upgraded passenger shelters, new passenger information displays (PIDs), improved public address (PA) system, new closed circuit television (CCTV) system, renovated bathrooms, and new bus shelters.	Implementation	Huntington, Eisenhower Ave, Franconia-Springfield, Van Dorn St, King St-Old Town, Braddock Rd	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Kiewit Infrastructure Company
Stations and Passenger Facilities Investments	CIP0307	Stations Platform Rehabilitation - Phase 2	Rehabilitation and repair of platforms at the following stations along the Orange Line in Virginia to address unsafe and deteriorating conditions: East Falls Church, West Falls Church, Dunn Loring, and Vienna. Customer experience improvements include slip-resistant tile, improved LED lighting, upgraded passenger shelters, new passenger information displays (PIDs), improved public address (PA) system, new closed circuit television (CCTV) system, renovated bathrooms, and new bus shelters.	Implementation	East Falls Church, West Falls Church, Dunn Loring, Vienna	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Kiewit Infrastructure Company
Stations and Passenger Facilities Investments	CIP0308	Stations Platform Rehabilitation - Phase 3	Rehabilitation and repair of platforms at the following stations along the Yellow, Blue, and Orange Lines in Virginia and Maryland to address unsafe and deteriorating conditions: Cheverly, Landover, New Carrollton, Addison Road, Ronald Reagan Washington National Airport, and Arlington Cemetery. Customer experience improvements include slip-resistant tile, improved LED lighting, upgraded passenger shelters, new passenger information displays (PIDs), improved public address (PA) system, new closed-circuit television (CCTV) system, renovated bathrooms, and new bus shelters.	Project Development	Cheverly, Landover, New Carrollton, Addison Rd., National Airport, Arlington Cemetery	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Pending Award	
Stations and Passenger Facilities Investments	CIP0309	Huntington Metrorail Station Additional Entrance	This project will construct an additional pedestrian entrance to the Huntington Metrorail station to improve station circulation. It will also provide ADA access to the station during the demolition of the South Parking Garage.	Project Development	Huntington Station	Customer Satisfaction, Ridership	Not Started	Kiewit Infrastructure Company (pre-construction and site-prep work only)
Stations and Passenger Facilities Investments	CIP0341	Standpipe Replacement Program	This program will address the replacement of dry standpipes throughout the system that have reached the end of their useful life or need to be replaced based on asset condition.	Ongoing Program	Systemwide	Fire/Life/Safety	Under Contract	M & M Welding & Fabricators Gannett Fleming-Parsons Joint Venture II
Stations and Passenger Facilities Investments	CIP0345	Shady Grove Stairway	This project will replace and add stairs to the mezzanine of Shady Grove Metro Station.	Implementation	Shady Grove Metro Station	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership	Under Contract	The Matthews Group, Inc. T/A TMG Construction
Stations and Passenger Facilities Investments	CIP8015	D&E Platform & Structures	This project will provide surveys, studies, engineering, and designs related to the new Platform & Structures Program efforts that may lead to future capital projects or programs.	Ongoing Program	Systemwide	Fire/Life/Safety, Operational Impact, Reliability	Under Contract	DHA/RK&K Joint Venture
Stations and Passenger Facilities Investments	CIP8019	D&E Station Systems	This project identifies improvements needed for Station System designs and evaluates potential solutions.	Development and Evaluation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Closed Contract	Gannett Fleming-Parsons Joint

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Stations and Passenger Facilities Investments	CRB0013	New Potomac Yard Metrorail Station	Design and construction of a new Metrorail Station between the Ronald Reagan Washington National Airport and Braddock Road Stations along the existing Blue and Yellow Lines.	Implementation	Alexandria, VA	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Potomac Yard Constructors Gannett Fleming-Parsons Joint Venture II Mott MacDonald I&E, LLC
Stations and Passenger Facilities Investments	CRB0020	Silver Line Phase 2	This project supports Phase II construction, integration, and infrastructure improvements for the Silver Line expansion.	Implementation	VA	Not Applicable	Under Contract	Mott MacDonald LLC Clark Construction Group Cubic Transportation
Stations and Passenger Facilities Investments	CRB0127	Purple Line	The Purple Line is a planned 16-mile light rail transit line extending from Bethesda to New Carrollton. The Maryland Transit Administration (MTA), is managing the development of the line, which will connect to four Metrorail station locations Bethesda, Silver Spring, College Park, and New Carrollton. This project includes design and engineering support to plan for and manage the impacts of the Purple Line on Metro facilities.	Implementation	MD	Not Applicable	Under Contract	Gannett Fleming-Parsons Joint Venture II
Stations and Passenger Facilities Investments	CRB0133	Union Station Entrance Improvements	Provide congestion relief to the First St NE entrance at Union Station. The project will increase customer safety and improve customer circulation by providing additional space in the mezzanine, adding stairs and faregates, and relocating fare card vendors.	Project Development	DC	Not Applicable	Not Applicable	
Bus and Paratransit Investments	CIP0002	Metrobus Onboard Location Equipment and Software Replacement	The design and equipment replacement of automatic vehicle location (AVL) units for buses. This equipment is vital to bus communications for location (GPS) and bus diagnostics. The replacements are bus state of good repair items that are critical to maintaining fleet reliability.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability, Ridership	Under Contract	Clever Devices Ltd.
Bus and Paratransit Investments	CIP0004	Bus Repair Equipment	This program replaces existing equipment that is past its useful life and provides new equipment for the repair and maintenance of the bus and non-revenue fleets. Additionally, this project supports construction of minor garage improvements.	Ongoing Program	Systemwide	Operational Impact, Reliability	Under Contract	Power Test, Inc. CH2M Hill, Inc
Bus and Paratransit Investments	CIP0005	Bus Rehabilitation Program	This program performs rehabilitations at approximately 7.5 years of age and provides for the complete rehabilitation of bus mechanical, electrical and structural systems. Additionally, the project supports the procurement of components to replace those that can no longer be overhauled.	Ongoing Program	Andrews Federal Bus Garage, Carmen Turner Facility, MD	Customer Satisfaction, Operational Impact, Reliability	Under Contract	North Eastern Bus Rebuilders Inc. Cummins Power Systems LLC
Bus and Paratransit Investments	CIP0006	Bus Acquisition Program	Acquisition and replacement of standard 30-foot and 40-foot buses and the longer articulated buses to ensure customers are provided with safe, reliable, and modern buses, and maintain an average fleet age of approximately 7.5 years, which is in accordance with the MetroBus Fleet Management Plan. Project also includes training and spare parts. The Fleet Management Plan adds buses for bus replacement as well as fleet expansion.	Ongoing Program	Landover, MD	Customer Satisfaction, Operational Impact, Reliability	Under Contract	New Flyer of America, Inc. CH2M HILL, Inc.
Bus and Paratransit Investments	CIP0007	Metrobus Closed-Circuit Television (CCTV) Replacement Program	Replace Metrobus closed-circuit television (CCTV) camera systems onboard all Metrobus vehicles to maintain a state of good repair on a lifecycle basis.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	CH2M HILL, Inc. Luminator Technology Group, Inc.
Bus and Paratransit Investments	CIP0015	MetroAccess Fleet Acquisition Program	Replace vehicles in the paratransit fleet (MetroAccess) on a lifecycle basis, consistent with the MetroAccess Fleet Plan. Vehicle replacement includes purchase of base vehicles and necessary retrofits to add paratransit equipment and features.	Ongoing Program	Systemwide	Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Lytix, Inc
Bus and Paratransit Investments	CIP0037	Bus Priority Corridor Network	This project supports improvements and upgrades system wide to the bus stops, stations and wayfinding to improve access for disabled customers.	Implementation	Systemwide	Operational Impact	Under Contract	Potomac Construction Co. Inc.

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Bus and Paratransit Investments	CIP0084	Andrews Federal Bus Garage	This project constructs a fully modern Leadership in Energy and Environmental Design (LEED) Silver facility that can hold 175 buses. Project also includes the construction of a new heavy repair and overhaul facility.	Implementation	Prince George's County, MD	Customer Satisfaction, Operational Impact, Reliability	Pending Closeout	Hensel Phelps Construction Co.
Bus and Paratransit Investments	CIP0085	Cinder Bed Road Bus Garage	This project replaces the Royal Street Bus Garage with a fully modern Leadership in Energy and Environmental Design (LEED) Silver facility at Cinder Bed Road, with a capacity of 160 buses.	Implementation	Newington, VA	Customer Satisfaction, Operational Impact, Reliability	Pending Closeout	Turner Construction Company
Bus and Paratransit Investments	CIP0086	Shepherd Parkway Bus Facility	This project will perform the design and construction of the Compressed Natural Gas (CNG) facility at Shepherd Parkway.	Project Development	Shepherd Parkway Bus Garage - Blue Plains	Operational Impact, Reliability	Pending Award	Hensel Phelps Construction Co.
Bus and Paratransit Investments	CIP0143	Bus Preventive Maintenance Program	Inspect and service buses and bus components to preserve and extend functionality of the vehicle	Ongoing Program	Systemwide	Not Applicable	Not Applicable	
Bus and Paratransit Investments	CIP0220	Metrobus Planning Program	Perform 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.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Jacobs Engineering Group, Inc. Kimley-Horn and Associates, Inc.
Bus and Paratransit Investments	CIP0221	Bus Customer Facility Improvements	Project to sustain, replace or renovate Metrobus facilities and amenities to achieve a State of Good Repair and improve delivery of customer information. Additionally, this project will implement industry best practices and improve customer safety at the bus stops.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Luminator Mass Transit, LLC Transit Information Products
Bus and Paratransit Investments	CIP0254	Traffic Signal Prioritization	This project supports the expansion of Traffic Signal Prioritization on select Priority Corridors in an effort to increase Bus delivery efficiency and improve the ridership experience. Signal prioritization will decrease route times, improve route coverage and impact peak ridership delivery.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	WSP USA Inc. Parsons Transportation Group Inc
Bus and Paratransit Investments	CIP0266	Historic Bus Terminal Rehabilitation	Design and rehabilitate three historic bus terminals: Calvert Street, Chevy Chase, and Colorado Avenue. This will ensure terminals are in a State of Good Repair. All three facilities are obsolete and in failing condition.	Project Development	Chevy Chase, Calvert St. and Colorado Ave.	Customer Satisfaction, Operational Impact, Reliability	Under Contract	CHK America Inc
Bus and Paratransit Investments	CIP0275	New Carrollton Bus Bays Joint Development	This joint development project will complete roadwork and the bus loop at the New Carrollton station.	Project Development	New Carrollton Rail Station	Operational Impact	Under Contract	Gannett Fleming-Parsons Joint Venture II
Bus and Paratransit Investments	CIP0311	Bus Garage Replacement - Bladensburg	Demolition and replacement of the existing Bladensburg bus maintenance and operations facility in the District of Columbia, to improve use and capacity of limited facility space. The new facility, designed to meet LEED certification, will have an on-site employee parking lot, multiple access points, parking for up to 300 buses, 25 maintenance bays, and a compressed natural gas (CNG) fueling station. The construction will take into account the needs of a potential future electric bus fleet.	Project Development	Bladensburg Bus Division site	Fire/Life/Safety, Operational Impact, Reliability, Ridership	Pending Award	Hensel Phelps Construction Co.
Bus and Paratransit Investments	CIP0322	Bus Passenger Fac./Systems Future Major Projects	This project will make improvements to bus passenger accessibility at revenue facilities.	Development and Evaluation	Systemwide	Operational Impact, Reliability	Pending Award	
Bus and Paratransit Investments	CIP8023	D&E Bus Maintenance and Overhaul	This project will provide surveys, studies, engineering, and designs related to Bus Maintenance and Overhaul that may lead to future capital projects or programs.	Development and Evaluation	Systemwide	Operational Impact, Reliability	Under Contract	AECOM, USA, INC. The Behavioral Insights Team
Bus and Paratransit Investments	CIP8025	D&E Bus Maintenance Facility	This project will provide surveys, studies, engineering, and designs related to new Bus Maintenance Facilities that may lead to future capital projects or programs.	Development and Evaluation	Systemwide	Operational Impact, Reliability	Under Contract	WSP USA Inc. Gannett Fleming-Parsons Joint Venture II

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Bus and Paratransit Investments	CIP8027	D&E Bus Passenger Facilities/Systems	This project will provide surveys, studies, engineering, and designs related to Bus Passenger Facilities and Systems that may lead to future capital projects or programs.	Development and Evaluation	Systemwide	Operational Impact, Reliability	Under Contract	AECOM, USA, INC.
Bus and Paratransit Investments	CRB0012	King Street Station Bus Loop	This project will improve infrastructure at the King Street Station Bus Loop.	Development and Evaluation	VA	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Gannett Fleming-Parsons Joint
Bus and Paratransit Investments	CRB0132	Chevy Chase Bus Station	This project will improve infrastructure at the Chevy Chase Bus Station.	Development and Evaluation	MD	Customer Satisfaction, Operational Impact, Reliability	Not Started	N/A
Business Support Investments	CIP0009	Service Vehicle Replacement Program	This program replaces service vehicles that are past their useful life.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Brian Hoskins Ford Lindsay Ford of Wheaton Criswell Chevrolet
Business Support Investments	CIP0010	Environmental Compliance Program	This program designs and constructs upgrades and/or replaces equipment and facilities in order to maintain compliance with environmental regulations, responds to directives from environmental regulatory agencies, and minimizes risks of civil/criminal citations/fines. This project also designs and constructs the replacement of storage tank systems and tank monitoring systems at or near the end of their warranty periods, as well as the ground water remediation system at the New Hampshire Avenue chiller plant to prevent contamination and ensure environmental compliance.	Ongoing Program	Systemwide	Fire/Life/Safety, Operational Impact, Reliability	Under Contract	W M Schlosser Co Inc
Business Support Investments	CIP0011	Underground Storage Tank Replacement	This project designs and constructs the replacement of underground storage tank (UST) systems, above ground storage tank (AST) systems and tank monitoring systems at or near the end of their warranty periods. In addition, this project rehabilitates the tank systems that are at mid-life to minimize potential liabilities.	Project consolidate into CIP0010	Systemwide	Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Total Environmental Concepts, Inc.
Business Support Investments	CIP0028	Materials Handling Equipment	This project replaces supply chain equipment such as forklifts, man lifts, material transport equipment, components, and support infrastructures that have reached the end of their useful life.	Implementation	Systemwide	Operational Impact	Not Applicable	Gannett Fleming-Parsons Joint
Business Support Investments	CIP0029	Warehouse Vertical Store Unit	This project installs and reorganizes vertical and horizontal storage units, shelving and racking for storage of repair parts in order to allow greater storage capacity, inventory accuracy and enhanced safety. This project also upgrades parts storage systems with bar code systems for better parts location features.	Implementation	Metro Supply Facility	Operational Impact, Reliability	Not Applicable	Potomac Construction Co Inc
Business Support Investments	CIP0030	Currency Processing Machines	This program replaces the currency processing machines that are currently used by WMATA.	Implementation	Alexandria	Operational Impact, Reliability	Not Applicable	
Business Support Investments	CIP0033	Revenue Facility Equipment	This program replaces equipment used to collect fares from stations and bus garages	Implementation	Alexandria	Operational Impact, Reliability	Under Contract	GENFARE
Business Support Investments	CIP0034	Revenue Collection Facility Improvements	This project assesses and upgrades/replaces structures, equipment, and systems, as needed, in the high-security facility where Metro processes cash revenue.	Project Development	Alexandria	Operational Impact, Reliability	Under Contract	Johnson, Mirmiran & Thompson Inc
Business Support Investments	CIP0036	Procurement Program Support	Staff support for capital program procurement activity.	Ongoing Program	Systemwide	Operational Impact	Not Applicable	

TABLE 5: CAPITAL PROGRAM INFORMATION

INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Business Support Investments	CIP0039	Core & System Development Program	This program conducts near-term and long-range planning studies and produces plans for station enhancements that improve pedestrian flow, travel time, customer experience, vertical transportation, line or route operations, and station access. Funding for future year implementation of adopted plans is included in the future fiscal years.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership	Under Contract	AECOM, USA, INC. WB&A Market
Business Support Investments	CIP0042	Product Lifecycle Software Decommissioning	WMATA's current product lifecycle management (PLM) software product will be decommissioned and its functionality will be incorporated into other applications to standardize asset condition tracking systemwide.	Ongoing Program	Systemwide	Not Applicable	Under Contract	Software Information Resource Corporation CH2M HILL, Inc. SFA
Business Support Investments	CIP0043	Bus and Rail Scheduling System Improvements	Replaces bus scheduling systems and upgrades rail scheduling systems so that both modes are scheduled in the same software package.	Implementation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Under Contract	Compass Solutions LLC/Elegance
Business Support Investments	CIP0044	IT Capital Program Business Process Reengineering and Program Support	This project will make improvements to and support the IT Capital Program.	Not Applicable	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Not Applicable	WSP USA Inc.
Business Support Investments	CIP0045	Data Centers and Infrastructures	This project will make improvements to the Data Center and Data Infrastructure.	Not Applicable	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Mythics, Inc.The Matthews Group
Business Support Investments	CIP0046	Document Management System	This project will make improvements to the Document Management System.	Not Applicable	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	Software Information Resource Corporation
Business Support Investments	CIP0047	Enterprise Geographic Information System	This project will support the Enterprise Geographic Information System.	Not Applicable	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Under Contract	Johnson, Mirmiran & Thompson
Business Support Investments	CIP0048	Sensitive Data Protection Technology	This project will support sensitive data protection technology.	Not Applicable	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Not Applicable	Dell Marketing LP
Business Support Investments	CIP0049	Management Support Software	This project will update software for the Metro access control system. The access control software will support the technical architecture communication with physical badge readers and allow badge holders access to Metro facilities based on the approved permissions configured in the software.	Implementation	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Not Applicable	WSP USA Inc.
Business Support Investments	CIP0051	Police Dispatch and Records Management	This project replaces the current Metro Transit Police Department (MTPD) legacy dispatch system with an up-to-date Computer Aided Dispatch and Records Management System, Organizational and Criminal Reporting, Automated Vehicle Location (AVL), communications integration, and mobile terminals and devices.	Implementation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Under Contract	Dell Marketing LP
Business Support Investments	CIP0052	Network and Communications	This project will support business network and communications.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	A-Connection, Inc. Annuk Incorporated Networking for Future, Inc. (NFF, Inc.)

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Business Support Investments	CIP0054	Customer Electronic Communications & Outreach	This project will make improvements to Customer Electronic Communications and Outreach.	Implementation	Systemwide	Customer Satisfaction, Operational Impact, Reliability	Under Contract	EastBanc Technologies, LLC SFA Powersolv, Inc
Business Support Investments	CIP0056	Rail Operations Support Software	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 real time train information is accurate and available to customers. This program will include implementation at new stations as they become operational.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact	Under Contract	22nd Century Technologies, Inc. SFA Annuk Incorporated
Business Support Investments	CIP0080	Building Infrastructure & Systems Renewal	This project will make improvements to Building Infrastructure and Systems.	Development and Evaluation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Under Contract	Safeware Inc Axon Enterprise, Inc.
Business Support Investments	CIP0099	Joint Development	This project explores Joint Development opportunities.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Not Applicable	Hogan Lovells, Jones Lang LaSalle
Business Support Investments	CIP0101	Internal Compliance Capital Management	This project will make improvements to Internal Compliance and Capital Management.	Ongoing Program	Systemwide	Operational Impact, Reliability	Not Applicable	Crowe Horwath LLP
Business Support Investments	CIP0102	Metro Transit Police Department (MTPD) District III Substation Construction	Renovate existing child care facility at Morgan Boulevard station to serve as a police substation with administrative office workspace, locker rooms, break room, gym, interview rooms, and other workspaces.	Development and Evaluation	Prince George's County	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership	Pending award	Gannett Fleming-Parsons Joint Venture II (Design only, no construction)
Business Support Investments	CIP0106	Special Operations Division Facility	This project replaces the temporary facility used by the Metro Transit Police Special Operations Division located in Suitland, Maryland, near the Branch Avenue Metrorail station with a new facility near the Landover Bus Garage. This facility includes the Special Response Team, Transit Anti-Crime Team, Auto Theft Unit and Explosive Ordinance Disposal Team.	Implementation	Landover, MD	Operational Impact	Pending Closeout	eVigilant Security
Business Support Investments	CIP0127	Support Equipment - MTPD	This project will support MTPD equipment needs.	Development and Evaluation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Under Contract	Safeware Inc Axon Enterprise, Inc.
Business Support Investments	CIP0128	Data Governance and Business Intelligence	This project will support data governance and business intelligence.	Development and Evaluation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership, Reliability	Under Contract	SFA VIVA USA, Inc.
Business Support Investments	CIP0131	Capital Program Financing	Availability fees and interest expense for Metro's short-term line of credit used for capital program expenditures.	Not Applicable	Systemwide	Operational Impact, Reliability	Not Applicable	
Business Support Investments	CIP0149	Transit Asset Management System	This project funds an internal asset planning and inventory program that aids in the maintenance of State of Good repair and Federal compliance documentation.	Implementation	Systemwide	Operational Impact, Reliability	Under Contract	Gannett Fleming-Parsons Joint Venture
Business Support Investments	CIP0170	Roof Rehabilitation and Replacement	Roof rehabilitation or replacement, as needed, at approximately 660 Metro locations. Project includes preparation of assessment report, sampling, removal, and installation of new roofing system.	Ongoing Program	Systemwide	Operational Impact, Reliability	Under Contract	Patuxent Roofing and Contracting, Inc. DJB Contracting

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Business Support Investments	CIP0196	Safety Measurement System	This project will develop an automated and centralized safety management system that will capture information from accidents and incidents that occur at Metro stations, Metro facilities and all Metro vehicles including: Metro Access, Metrobus and Metrorail vehicles.	Implementation	Systemwide	Fire/Life/Safety	Under Contract	SFA
Business Support Investments	CIP0212	Environmental Sustainability Lab	Develops and pilots projects to reduce consumption of energy and water, and to reduce waste.	Ongoing Program	Systemwide	Operational Impact	Under Contract	AECOM-STV JV Louis Berger (DC), PLLC/Urban Engineers C N Robinson Lighting Supply
Business Support Investments	CIP0213	Capital Program Development Support	Project development, strategic planning, asset management and sustainability work.	Ongoing Program	Systemwide	Operational Impact	Under Contract	WSP USA Inc.
Business Support Investments	CIP0215	Rail Scheduling System Upgrade	This project focuses on business process improvements in daily operations, planning and scheduling of Metrorail service delivery. The expanding Metrorail system and complex track-maintenance work requires a comprehensive transit scheduling application. Optimized and effective usage of the limited resources will be core to solving challenges such as the maintenance of aging infrastructure and the commitment of providing reliable and safe service to our customers. This project will be completed in two phases. The first phase will install the resource scheduling component and the second phase will install the daily operation management component.	Implementation	Systemwide	Reliability, Operational Impact	Under Contract	GIRO, INC.
Business Support Investments	CIP0224	IT Capital Management	The Metro-IT Architecture Review Board (ARB) provides IT architecture due diligence reviews of new and existing IT initiatives to keep them aligned with enterprise vision, strategy, goals and objectives.	Ongoing Program	Systemwide	Operational Impact	Under Contract	Annuk Incorporated
Business Support Investments	CIP0230	Wireless Communication Infrastructure	This project includes the engineering, design and construction of a wireless network in all WMATA rail stations to support ongoing operational activities, business initiatives, and customers. This project will also provide WMATA personnel mobile access to internal applications.	Implementation	Systemwide	Customer Satisfaction, Operational Impact		
Business Support Investments	CIP0259	Timecard Software Integration and Analysis	Implement new automated time and attendance system for Metro employees.	Implementation	Systemwide	Operational Impact	Under Contract	immixTechnology, Inc. SFA VIVA USA, Inc.
Business Support Investments	CIP0269	Enterprise Asset Management Systems	This project develops an Asset Management System using Metro's existing inventory software applications that will create an asset hierarchy, structure, asset definitions and a standard protocol for inducing, maintaining, retiring and replacement of assets.	Project Development	Systemwide	Operational Impact	Under Contract	Jacobs Engineering Group, Inc. Kimley-Horn and Associates, Inc.
Business Support Investments	CIP0270	Capital Delivery Program Support	Project administration, planning, scheduling, and management support for the portfolio of major construction projects.	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact	Under Contract	HNTB Corporation, Gannett Fleming Engineers and Architects
Business Support Investments	CIP0272	Station Commercialization Project	This project will make investments in new equipment and space improvements designed to increase non-fare revenue in stations. Investments include addition of retail vendor space, upgrading digital displays, and improving signage and wayfinding, as well as other customer amenities.	Implementation	Systemwide	Customer Satisfaction, Operational Impact	Under Contract	ANC Sports Enterprises LLC
Business Support Investments	CIP0273	Facility Improvements	This program provides upgrades to worker facilities, including breakrooms, bathrooms, and office spaces.	Ongoing Program	Systemwide	Operational Impact, Reliability	Under Contract	Gannett Fleming-Parsons Joint Venture II The Matthews Group, Inc. T/A TMG Construction

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INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Business Support Investments	CIP0276	Station Commercialization Plan	This project provides for the development of enhanced signage displays and wayfinding throughout Metro stations	Ongoing Program	Systemwide	Customer Satisfaction, Operational Impact	Under Contract	AECOM
Business Support Investments	CIP0277	Supply Chain Modernization	Initial phase of multi-year project to modernize the supply chain for logistics, warehousing, planning, and ordering of inventory.	Project Development	Systemwide	Operational Impact, Reliability	Not Started	KPMG LLP
Business Support Investments	CIP0324	Capital Program Financial Support	Provides financial support services for the capital program management of capital funds and grants.	Ongoing Program	Systemwide	Not Applicable	Under Contract	InfraStrategies LLC
Business Support Investments	CIP0330	New Data Center IT Infrastructure and Equipment	As part of Metro's office consolidation initiative, a new data center will be constructed to replace the existing data center at the Jackson Graham building that is being vacated.	Development and Evaluation	Systemwide	Operational Impact, Reliability	Under Contract	Annuk Incorporated Software Information Resource Corporation
Business Support Investments	CIP0331	Enterprise Resource Planning (ERP) Replacement	Metro's current Enterprise Resource Planning (ERP) system is being retired and will not be supported beyond FY2028. It is necessary to identify and implement a replacement for the current ERP to maintain business operations.	Development and Evaluation	Systemwide	Operational Impact	Under Contract	SyApps LLC Ideal ERP, LLC
Business Support Investments	CIP0332	Fiber Installation	Metro will install fiber optic cable along its Right-of-Way (ROW) to 590 ancillary locations in support of Supervisory Control and Data Acquisition (SCADA) and MetroNET services.	Implementation	Systemwide	Operational Impact, Reliability, Ridership	Under Contract	Mott MacDonald I&E, LLC
Business Support Investments	CIP0335	Headquarters - District of Columbia	As part of Metro's regional office consolidation plan, a new office building will be constructed at L'Enfant Plaza in the District of Columbia. The new office buildings allow for Metro to consolidate operations from 10 locations to 4 locations.	Implementation	L'Enfant Plaza, DC	Operational Impact, Reliability	Under Contract	LDA 300 7th St LLC
Business Support Investments	CIP0336	Energy Management Upgrades	This project will facilitate upgrades to energy use and management at Metro facilities based on the data gathered from the Energy Management System.	Development and Evaluation	Systemwide	Reliability, Ridership	Under Contract	AECOM-STV JV
Business Support Investments	CIP0337	Headquarters Construction - Virginia	As part of Metro's regional office consolidation plan, a new office building will be constructed near the Eisenhower Avenue Metrorail station and adjacent to the Hoffman Town Center 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.	Implementation	Eisenhower Avenue, VA	Operational Impact, Reliability	Under Contract	LDA 2395 Mill Rd LLC
Business Support Investments	CIP0338	Headquarters Construction - Maryland	As part of Metro's regional office consolidation plan, a new office building will be constructed in Maryland near the New Carrollton Metrorail station in Prince George's County, Maryland. The station is one of the region's most significant transit hubs and is served by Metro, MARC, multiple local and regional buses, Amtrak, Greyhound, and the future Maryland MTA Purple Line. The building will be designed with the goal of achieving LEED certification and is part of the continued development of New Carrollton.	Implementation	New Carrollton, MD	Operational Impact, Reliability	Under Contract	New Carrollton Commercial II,
Business Support Investments	CIP0339	First Responders Signs Updates	This project provides improved guidance signage for first responders to help them assess their location and direction throughout the system.	Ongoing Program	Systemwide	Not Applicable	Not Applicable	
Business Support Investments	CIP0342	IT Hardware Replacement Program	This program is focused on the implementation of data center infrastructure technologies which can achieve higher operational efficiencies, increase service availability and reduce risk to the underlying business service networks. The communication networks enable resource and information sharing for business functions such as voice communications, email, internet access, rail and bus operations and monitoring, surveillance systems and administrative business systems.	Ongoing Program	Systemwide	Operational Impact	Under Contract	Dell Marketing LP Mythics, Inc. The Matthews Group, Inc. T/A TMG Constru SFA

TABLE 5: CAPITAL PROGRAM INFORMATION

INVESTMENT CATEGORY	CIP	PROJECT NAME	PROJECT DESCRIPTION	PROJECT PHASE/STATUS	LOCATION	STRATEGIC OBJECTIVES SUPPORTED	PRIMARY CONSTRUCTION/ ACQUISITION CONTRACT STATUS	PRIMARY VENDORS
Business Support Investments	CIP0343	Operating and Maintenance Applications	This program provides software and security updates, corrections to software codes and maintains a state of good repair for critical systems including: Geographic Information System (GIS), Financial, Human Resources, security and safety, operational application for Rail, Bus, and Metro Access.	Ongoing Program	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	CH2M HILL, Inc. SFA Advanced Digital Systems, Inc. Ideal ERP, LLC SyApps LLC
Business Support Investments	CIP0344	IT Program Management and Quality Assurance	This program provides audit support, the establishment of an improved IT process support model, standardization of change management and other support services.	Ongoing Program	Systemwide	Not Applicable	Under Contract	SFA Networking for Future, Inc. (NFF, Inc.) Biswas Information Technology Solutions
Business Support Investments	CIP0347	Accounting Capital Program Support	Accounting services for the capital program to facilitate planned capital projects.	Implementation	Systemwide	Not Applicable	Not Applicable	Staff augmentation, no construction
Business Support Investments	CIP8029	D&E IT	This project identifies emerging Information Technology needs and develops proposed solutions for evaluation to become potential future capital projects.	Development and Evaluation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Under Contract	Dell Marketing LP SFA SyApps LLC Vivsoft Technologies LLC
Business Support Investments	CIP8031	D&E MTPD	This project supports the development and evaluation of new potential MTPD initiatives.	Development and Evaluation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Ridership	Under Contract	WSP USA Inc.
Business Support Investments	CIP8032	Future MTPD Major Projects	This project represents any large scale future MTPD projects that have yet to be fully defined, but are known needs.	Development and Evaluation	Systemwide	Customer Satisfaction, Fire/Life/Safety, Operational Impact, Reliability	Not Applicable	
Business Support Investments	CIP8033	D&E Support Equipment/Services	This project is for the development and evaluation of equipment, services, and systems that provide support to Metro's operation.	Development and Evaluation	Systemwide	Operational Impact, Reliability	Under Contract	WSP USA Inc.
Business Support Investments	CRB0005	Project Development Program - DC	This program is supported by the District of Columbia to facilitate the planning and designing of transit oriented development and other projects that are of priority interest to the District of Columbia.	Ongoing Program	DC	Not Applicable	Not Applicable	
Railcar Investments	CRB0009	Project Development Program - MD	This program is supported by the State of Maryland to facilitate the planning and designing of transit oriented development and other projects that are of priority interest to the State of Maryland.	Ongoing Program	MD	Not Applicable	Not Applicable	
Rail Systems Investments	CRB0018	Project Development Program - VA	This program is supported by the Commonwealth of Virginia to facilitate the planning and designing of transit oriented development and other projects that are of priority interest to the Commonwealth of Virginia.	Ongoing Program	VA	Not Applicable	Not Applicable	

TABLE 6: CAPITAL PROCUREMENT AWARDS - FY2020

CIP	CONTRACT NUMBER	CONTRACT DESCRIPTION	AWARD AMOUNT	AWARD DATE	AWARDED VENDOR	PERIOD OF PERFORMANCE
CIP0307	F20051	Station Platform Rehabilitation 2 - K Line	\$257,900,000	12/23/2019	Kiewit Infrastructure Co.	01/06/20 - 11/17/20
CIP0073	FQ19006	Rehabilitation of Escalators at multiple Metrorail stations (89 Units)	\$65,383,719	7/11/2019	TMAkm JV	08/09/19 - 08/07/24
CIP0315	FQ19144N	Northern Bus Division Replacement - Preliminary Engineering	\$15,587,132	8/29/2019	Clark Construction	09/09/19 - 05/06/20
CIP0151	FQ19204	Replacement of Station Air Conditioning Units at 7 Stations	\$10,609,000	8/12/2019	Paramount Mechanical Corporation	10/15/19 - 05/14/21
CIP0063	C20124	Alp Universal Disc Brakes	\$10,295,604	4/17/2020	Alp Rail Industries	04/17/20 - 04/16/25
CIP0225	FQ19267	Rail Heavy Repair and Overhaul Facility Hybrid Design-Build Services	\$10,052,357	5/27/2020	Hensel Phelps	07/01/20 - 08/06/21
CIP0151	FQ19162	Replacement of Chiller and Cooling Towers at 5 Metrorail Stations	\$6,654,728	7/5/2019	Edw. Kocharian & Company, Inc.	10/15/19 - 05/14/20
CIP0005	FQ19084	Energy Storage System (ESS)	\$6,096,111	10/18/2019	Johnson & Towers Baltimore	10/18/19 - 10/17/20
CIP0025_02	FQ19106-B	Down & Under prime Mover	\$5,788,200	2/20/2020	Harsco	2/20/2022
CIP0307	C20113	Transit Management Services	\$4,348,993	5/14/2020	Transportation Management Services Inc.	05/22/20 - 05/21/20
CIP0255	F20085	Big IP Appliance and Services	\$4,200,000	5/29/2020	Dell	05/23/20 -05/22/23
CIP0063	FQ19193DG	Inventory Parts for Rail Cars	\$3,457,441	1/24/2020	Wabtech	1/24/2021
CIP0025_02	FQ19210-C	Hi-rail 5 and 10-ton swing loaders for transporting and positioning materials for rail work	\$2,726,000	9/3/2019	SWNG dba Swingmaster	09/03/19 - 09/02/20
CRB0020_06	FQ19039	Furniture Delivery and Installation-Dulles Rail Yard	\$1,561,889	7/1/2019	George A. Wallace	07/01/19 - 07/01/20
CIP0025_02	FQ19210-A	E-Clip Installer	\$1,482,495	11/12/2019	Racine Railroad Products	01/16/20 01/15/21
Award Cancelled	FQ19255	6000 Series Railcar Coupler Overhaul	\$1,160,250	1/30/2020	Dellner	1/24/2021
CIP0024	FQ20000A	Rental of heavy Equipment with qualified operator	\$1,000,000	3/19/2020	Cranemaster	03/19/20 - 03/18/21
CIP0024	FQ20000B	Rental of heavy Equipment with qualified operator	\$1,000,000	3/19/2020	Crane Services	03/19/20 - 03/18/21
CIP0024	FQ20000C	Rental of heavy Equipment with qualified operator	\$1,000,000	3/19/2020	Digging & Rigging	03/19/20 - 03/18/21
CRB0020_06	C20056	SLP Police Vehicles	\$990,594	2/15/2020	Criswell Chevrolet	02/15/20 - 02/14/21
CIP0025_02	FQ19210-B	Tie Plate Inserter	\$969,167	11/12/2019	Racine Railroad Products	01/16/20 01/15/21
CRB0020_06	C20061	Non Police Vehicles	\$739,200	3/17/2020	Lindsey Ford of Wheaton	03/17/20 -- 03/16/21
CIP0221	FQ19223	Real-Time Performance Management Dashboard	\$556,500	2/18/2020	Swiftly, Inc.	02/25/20 - 02/24/21
CIP0132	FQ19258	Escalator rehab components - Modular Rack & Axle Assembly	\$500,000	8/28/2019	ECS Corporation	08/30/19 - 08/29/22
CIP0253	FQ19135	Heat Tape System Controller Panel Enclosures, Components, Fuse Box Disconnects and Accessories CRAIN18030	\$452,389	12/31/2019	MAC Products	12/31/13 - 03/31/20
CIP0024	FQ19201	Procurement of Two (2) Cement Volumetric Mixers to Include Training	\$430,418	7/24/2019	Western Star Trucks of Delmarva	12/31/2019
CIP0063	FQ19193DG	Inventory Parts for Rail Cars	\$281,292	1/24/2020	Transtech	1/24/2021
CIP0024_25	C20063	Rebar Supplies	\$221,087	1/22/2020	Atlantic Hardware Supply	01/22/20 - 07/22/20
CIP0306	FQ19266	Template creation for new 55" Passenger Information signs installed on six stations of Platform I project	\$155,073	7/12/2019	Signature Technologies	07/12/19 -07/11/20
CIP0004	PO#142907	Camera and Audio Support Equipment	\$110,259	11/18/2019	B&H Photo	One time Purchase
CIP0025	FQ19196	Engineering Consulting Services for Roadway Maintenance Machines (RMM)	\$100,000	7/23/2019	LTK	07/23/19 - 07/22/20
CIP0063	FQ19193DG	Inventory Parts for Rail Cars	\$98,799	1/24/2020	International Process	1/24/2021
CIP0028	FQ19169	Material Handling Equipment, Sweepers and Scrubbers for Floor Cleaning	\$89,455	11/19/2019	RPS Corporation	One Time Purchase
CIP0342_02	CQ20006	Digital Signage Replacement Project	\$81,420	10/9/2019	CMG Media Ventures	10/09/19 - 10/08/20
CIP0063	FQ19193DG	Inventory Parts for Rail Cars	\$50,400	1/24/2020	Phoenix Sales	1/24/2021
CIP0170	FQ19021A	Roofing Services Multiple Award Task Order Contract (MATOC)	\$50,000	9/10/2019	DJB Contracting, Inc.	09/30/19 - 09/29/21

TABLE 6: CAPITAL PROCUREMENT AWARDS - FY2020

CIP	CONTRACT NUMBER	CONTRACT DESCRIPTION	AWARD AMOUNT	AWARD DATE	AWARDED VENDOR	PERIOD OF PERFORMANCE
CIP0170	FQ19021B	Roofing Services Multiple Award Task Order Contract (MATOC)	\$50,000	9/10/2019	Harbor Roofing and Contracting, Inc.	09/30/19 - 09/29/21
CIP0170	FQ19021C	Roofing Services Multiple Award Task Order Contract (MATOC)	\$50,000	9/10/2019	Patuxent Roofing, Inc.	09/30/19 - 09/29/21
Task Order Contract	FQ19021D	Roofing Services Multiple Award Task Order Contract (MATOC)	\$50,000	9/10/2019	RBT Construction, Inc.	09/30/19 - 09/29/21
^	FQ19093 (A)	ATC & Armored Power Cables - IDIQ (Category A - ATC Cable)	\$50,000	8/8/2019	Anixter, Inc.	08/30/19 - 08/29/24
^	FQ19093 (B)	ATC & Armored Power Cables - IDIQ (Category B - Armored Power Cables)	\$50,000	8/8/2019	eVigilant.com, LLC	08/30/19 - 08/29/24
CIP0028	FQ19169	Material Handling Equipment, Sweepers and Scrubbers for Floor Cleaning	\$37,972	11/19/2019	District Safety Productions	One Time Purchase
Task Order Contract	FQ19273A	SBE General Construction Services MATOC	\$35,000	3/11/2020	Consolidated Construction and Engineering	04/15/20 - 04/14/23
CIP0273	FQ19273B	SBE General Construction Services MATOC	\$35,000	3/11/2020	Signature Renovations	04/15/20 - 04/14/24
Task Order Contract	FQ19273C	SBE General Construction Services MATOC	\$35,000	3/11/2020	Wycliffe Enterprises, Inc	04/15/20 - 04/14/25
Task Order Contract	FQ19273D	SBE General Construction Services MATOC	\$35,000	3/11/2020	ADP Consultants, Inc	04/15/20 - 04/14/26
*	FQ19172A	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	AECOM	10/03/19 - 10/03/24
*	FQ19172B	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	Gannett Fleming	10/03/19 - 10/03/24
*	FQ19172C	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	Gannett Fleming/ Atkins JV	10/03/19 - 10/03/24
*	FQ19172D	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	Jacobs	10/03/19 - 10/03/24
*	FQ19172E	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	JMT	10/03/19 - 10/03/24
*	FQ19172F	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	Mott MacDonald/WSP JV	10/03/19 - 10/03/24
CIP0283	FQ19172G	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	RK&K	10/03/19 - 10/03/24
*	FQ19172H	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) with multiple awards	\$25,000	10/3/2019	Whitman Requardt Associates	10/03/19 - 10/03/24
*	FQ19172P	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) - SBE Set-aside Award	\$10,000	12/6/2019	C.C. Johnson & Malhotra, P.C.	12/06/19 - 12/07/24
*	FQ19172Q	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) - SBE Set-aside Award	\$10,000	12/6/2019	CSI Engineering	12/06/19 - 12/07/24
*	FQ19172R	General Architectural & Engineering Consultant (GEC) On-Call Design Services (Task Order Contract) - SBE Set-aside Award	\$10,000	12/6/2019	KGP Design Studio	12/06/19 - 12/07/24
CIP0307	C20088A	IDIQ Bus Bridge Services	\$5,000	2/3/2020	Transportation Management Services	02/10/20 - 02/09/23
CIP0024_34	C20088B	IDIQ Bus Bridge Services	\$5,000	2/3/2020	Yankee	02/10/20 - 02/09/23
CIP0306	C20088C	IDIQ Bus Bridge Services	\$5,000	2/3/2020	Dillons/Coach USA	02/14/20 - 02/13/23
CIP0306	C20088D	IDIQ Bus Bridge Services	\$5,000	2/3/2020	Academy	02/16/20 - 02/17/23
Total New Competitive Awards			\$416,857,944			

^ An approval PR is not required for this procurement since the funding for this contract will be funded prior to each approved order.

* A CIP number will be assigned when a task is awarded.