

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD**  
777 North Capitol Street, N.E.  
Washington, D.C. 20002

**RESOLUTION ON AN AMENDMENT TO THE FY 2021-2024 TRANSPORTATION  
IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY  
REQUIREMENT TO UPDATE PROJECT AND FUNDING INFORMATION TO MATCH THE APPROVED  
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITYFY 2022 CAPITAL BUDGET**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative, and comprehensive transportation planning process for the Metropolitan Area; and

**WHEREAS**, the TIP is required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

**WHEREAS**, on March 18, 2020, the TPB adopted the FY 2021-2024 TIP; and

**WHEREAS**, in the attached letters of June 30 and July 1, 2021, WMATA has requested an amendment to the FY 2021-2024 TIP to update project and funding information for thirteen project groupings to match WMATA's FY 2022 Capital Budget, which was approved on April 22, 2021. increasing the four-year program total by \$659.3 million from \$6.731 billion to \$7.391 billion, as described in the attached materials; and

**WHEREAS**, these projects and programs are either exempt from the air quality conformity requirement, as defined in the Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012, or are included in the Air Quality Conformity Analysis of the 2020 Amendment to Visualize 2045 and the FY 2021-2024 TIP; and

**WHEREAS**, the TPB Steering Committee reviewed the proposed amendment at its meeting on July 9, 2021, and has recommended that the TPB approve the amendment at its July 21, 2021 meeting;

**NOW, THEREFORE, BE IT RESOLVED THAT** the National Capital Region Transportation Planning Board amends the FY 2021-2024 TIP to update project and funding information for thirteen project groupings to match WMATA's FY 2022 Capital Budget, increasing the four-year program total by \$659.3 million from \$6.731 billion to \$7.391 billion, as described in the attached materials.



June 30, 2021

Honorable Charles Allen  
National Capital Region  
Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington, DC 20002-4201

RE: Amendment Request to the FY2021-2024 TIP for the Washington Metropolitan Area Transit Authority (WMATA) FY2022 Approved Budget

Dear Chairman:

The Washington Metropolitan Area Transit Authority (WMATA) requests the FY 2021-2024 Transportation Improvement Program (TIP) be amended in support of WMATA's FY2022 Approved Budget as adopted by the WMATA Board of Directors on April 22, 2021. This amendment request increases WMATA's FY2022 Approved Budget in the TIP by \$722.4 million from \$1,865.3 million to \$2,587.6 million reflecting a cumulative change of 38.7%. The change is in part addressed by the issuance of additional debt to a total of \$1,027 million for FY2022. The FY2022 Approved Budget also includes approximately \$240 million for new railcars, the extension of the Silver Line into Loudoun County, and the Potomac Yards Station in Alexandria. In addition to ongoing system improvements the budget and requested amendment supports significant advancement of critical safety improvements and state of good repair projects.

WMATA's program within the TIP is structured into nine major categories and thirteen separate capital programs (13 individual TIP IDs). Attachment A and B detail the requested amendment. In summary, the amendment represents the following key capital investments:

**TIP 5853** - Railcars Replacement and Rehabilitations and Enhancements is increased by \$48.6 million associated with WMATA's procurement of new railcars and Railcar Rehabilitation.

**TIP 5856** - Rail System Infrastructure Rehabilitation is increased by \$336.9 million. The key projects contributing to the increase is WMATA's Platform Rehabilitation Program, Union Station and Purple Line projects, and the advancement of projects including tunnel ventilation and standpipe replacement systemwide.

**Washington  
Metropolitan Area  
Transit Authority**

600 Fifth Street, NW  
Washington, D.C. 20001  
202/962-1234

*By Metrorail:  
Judiciary Square-Red Line  
Gallery Place-Chinatown  
Red, Green and  
Yellow Lines*

*A District of Columbia  
Maryland and Virginia  
Transit Partnership*

**TIP 5859** – Track and Structures is increased by \$157.7 million. The majority is attributed to the advancement of safety critical repairs to ariel structures and rehabilitation of other structural infrastructure (track and pedestrian bridges) and the advancement of the L-Line (Yellow Line) Tunnel Liner project to maintain the structural integrity of the tunnel.

**TIP 5857** - Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement is increased by \$47.5 million to support continued work at the Bladensburg, Shepherds, 4 Mile Run, and Northern bus garages.

**TIP 5867** - Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support is increased by \$72.5 million with the majority attributed to the ongoing construction at WMATA's new Heavy Rail Operations facility and New Carrollton Bus Bays.

**TIP 5855** - Service Vehicles is increased by \$5.9 million to support the procurement for service vehicle replacements in FY2022.

The requested amendment reflects the availability and program of federal, state, and local funds for FY2022, including funds authorized under the Passenger Rail Investment and Improvement Act of 2008 (PRIIA) and the required local match for federal funds. WMATA's FY2022 Approved Budget and Capital Investment Program will soon be available at [WMATA's website](#).

The proposed amendment does not add additional capacity for motorized vehicles and does not require air quality conformity analysis. FY2022 presents an opportunity for WMATA to advance capital investments without significant impacts to customers while ridership remains lower than usual given the impact of COVID-19. WMATA's FY2022 Approved Budget represents its commitment to improve safety and reliability of its public transit systems.

WMATA hereby requests the Transportation Planning Board Steering Committee consider this amendment for approval at its July 9<sup>th</sup>, 2021 meeting. Upon final approval of the amendment, WMATA will submit its request for inclusion in the District of Columbia's STIP. Thank you for your continued support of WMATA.

Sincerely,

Patrick W. Bailey  
Director, Funds and Grants Management  
Office of Capital and Financial Management

Approved FY22 TIP-Budget as of April 22, 2021

FY22 CIP PROJECT SOURCES OF FUNDS

Attachment A-1

(In Millions)

MWCOG June 30th, 2021

TIP ID	Category	TIP Sub-Category	Proposed/Revised FY22 Total	Federal 5307 Grants	Federal 5337 Grants	Federal 5339 Grants	Federal PRIIA Grants	Federal 5339b Grants	5339 us Shelter	VA CMAQ	Local Funding	Other Sources Non-Fed	CARRY FORWARD
5853	A. Vehicles / Vehicle Parts	Rail Cars - Replacement, Rehabilitation & Enhancements	\$257.9	0.0	59.0	0.0	41.8	0.0	0.0	0.0	140.3	13.0	3.8
5854		Buses - Replacement, Rehabilitation & Enhancements	\$168.7	95.1	0.0	0.0	0.0	4.3	0.0	5.1	45.7	0.0	18.5
5855		Access & Service Vehicles	\$12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0	0.0
5856	B. Rail System Infrastructure Rehabilitation	Rail System Infrastructure Rehabilitation	\$650.7	0.0	0.0	0.0	194.5	0.0	0.0	0.0	427.7	4.1	24.4
5857	C. Maintenance Facilities	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	\$77.1	31.0	0.0	13.7	0.0	0.0	0.0	0.0	32.4	0.0	0.0
5866		Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	\$2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0
5867		Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support	\$168.3	0.0	27.9	0.0	0.0	0.0	1.5	0.0	139.0	0.0	0.0
5858	D. Systems and Technology	Systems and Technology	\$276.5	57.0	0.0	0.0	0.0	10.4	0.0	0.0	209.1	0.0	0.0
5859	E. Track and Structures	Track and Structures	\$346.3	0.0	63.5	0.0	0.0	0.0	0.0	0.0	281.2	0.0	1.7
5860	F. Passenger Facilities	Passenger Facilities	\$312.5	23.0	35.8	0.0	60.7	0.0	0.0	0.0	40.6	152.5	0.0
5861	G. Maintenance Equipment	Maintenance Equipment	\$0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
5862	H. Other Facilities	Other Facilities	\$307.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	307.4	0.0	0.0
5863	I. Project Management and Support	Project Management and Support	\$7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0
<b>Total Capital Improvement Plan</b>			<b>\$2,587.6</b>	<b>\$206.0</b>	<b>\$186.2</b>	<b>\$13.7</b>	<b>\$297.0</b>	<b>\$14.7</b>	<b>\$1.5</b>	<b>\$5.1</b>	<b>\$1,645.5</b>	<b>\$169.5</b>	<b>\$48.5</b>

Approved FY22 TIP-Budget as of April 22, 2021

FY22 CIP PROJECT SOURCES OF FUNDS

**Attachment B-1**

(In Millions)

MWCOG June 30th, 2021

TIP ID	Category	TIP Sub-Category	Approved FY22 TIP Budget (in system as of Jan 2020)	Proposed FY22 TIP Budget	\$ Change	% Change
5853	A. Vehicles / Vehicle Parts	Rail Cars - Replacement, Rehabilitation & Enhancements	\$209.3	\$257.9	\$48.6	23.2%
5854		Buses - Replacement, Rehabilitation & Enhancements	\$176.3	\$168.7	(7.6)	-4.3%
5855		Access & Service Vehicles	\$6.5	\$12.4	5.9	90.8%
5856	B. Rail System Infrastructure Rehabilitation	Rail System Infrastructure Rehabilitation	\$313.9	\$650.7	336.9	107.3%
5857	C. Maintenance Facilities	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	\$29.7	\$77.1	47.5	160.0%
5866		Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	\$6.0	\$2.1	(3.8)	-64.0%
5867		Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support	\$95.8	\$168.3	72.5	75.7%
5858	D. Systems and Technology	Systems and Technology	\$249.6	\$276.5	26.8	10.8%
5859	E. Track and Structures	Track and Structures	\$188.6	\$346.3	157.7	83.6%
5860	F. Passenger Facilities	Passenger Facilities	\$254.3	\$312.5	58.2	22.9%
5861	G. Maintenance Equipment	Maintenance Equipment	\$0.0	\$0.5	0.5	#DIV/0!
5862	H. Other Facilities	Other Facilities	\$328.9	\$307.4	(21.5)	-6.5%
5863	I. Project Management and Support	Project Management and Support	\$6.4	\$7.1	0.8	11.8%
	<b>Total Capital Improvement Plan</b>		<b>\$1,865.3</b>	<b>\$2,587.6</b>	<b>\$722.4</b>	<b>38.7%</b>

## Modifications to TIP Descriptions

### Amendment Request June 30, 2021

TIP ID #	Existing Description	Revised Description	
5852	<p>Replacement of Railcars: Replacement of the rail fleet including the 1000-Series and 4000-Series</p> <p>Rehabilitation of railcars: Midlife rehabilitation of rail fleet</p> <p>Rail fleet expansion: expansion of the rail fleet to met ridership growth</p> <p>Rail Enhancement: enhancement to the rail fleet that improve safety, reliability, and passenger comfort</p> <p>Preventive Maintenance for rail cars</p>	<p>Replacement of Railcars; Rehabilitation of railcars; and Midlife rehabilitation of rail fleet; and Rail fleet expansion to address ridership growth and service operations expansion and move to 8-car trains</p>	<p>Updates description to be current with CIPFY22 and Six Year Plan</p>
5854	<p>Replacement of Buses: Replacement of the bus fleet</p> <p>Rehabilitation of Buses: Mid-life of the bus fleet</p> <p>Bus Enhancements: Purchase and or replacement of equipment that upgrades or enhances the capability of the bus fleet</p>	<p>Replacement of the bus fleet; Routine Bus Rehabilitation and Life Cycle Overhaul of the bus fleet; Bus enhancements or upgrade or replacement/repair of equipment (security, fare boxes, bike racks, ADA, etc.)</p>	<p>Minor change to update language</p>
5856	<p>Provides funds for Rehabilitation segments of Metrorail system, particularly the Red, Orange, Blue Lines</p> <p>Preventive Maintenance for the rail system infrastructure rehabilitation</p>	<p>Rehabilitation and safety of Metrorail system including platform rehabilitation; Station Modernization; Replace/Rehab critical structures; Replace/Rehab rail systems; Conduct Preventive Maintenance for the rail system infrastructure.</p>	<p>Minor change to update language</p>
5857	<p>Rehabilitation and Replacement of Bus Garages: upgrades, rehabilitation, and/or replacement of bus garages and maintenance facilities, including the rehabilitation of the Bladensburg bus facility and the replacement of the Southern Avenue, Royal Street (Cinder Bed Road), Shepard Parkway bus garages.</p> <p>(b.) Maintenance of Bus Garages: maintenance of bus garages/maintenance facilities. (c.)</p> <p>Expansion of Bus Garages: expansion of bus garages to meet storage and maintenance needs of growing fleet.</p>	<p>Rehabilitation and Replacement Expansion or redesign of Bus of Bus Garages and maintenance facilities to meet storage, maintenance needs, and diversification of fleet. Facility Modernization to update equipment, address safety and adapt to alternative bus fleet types (e.g. CNG, Zero emission/ Electric Bus, etc.) (Bladensburg; Northern Bus Garage, Southern Avenue, Royal Street (Cinder Bed Road), Shepard Parkway, etc).</p>	<p>Minor changes to update language and reflect recent policy to support zero emission buses.</p>
5863	<p>Credit Facility</p>	<p>Project Planning, Management and Support</p>	<p><u>Change TIP Name</u> to more accurately reflect the activities of the TIP</p>



July 1, 2021

Honorable Charles Allen  
National Capital Region  
Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington, DC 20002-4201

RE: Amendment Request to the FY2021-2024 TIP for the Washington  
Metropolitan Area Transit Authority (WMATA) FY2022 Approved Budget

Dear Chairman:

This letter is to clarify the Washington Metropolitan Area Transit Authority's (WMATA) amendment request to the FY 2021-2024 Transportation Improvement Program (TIP). While WMATA's FY2022 Approved Budget, as adopted by the WMATA Board of Directors on April 22, 2021, increased by \$722.4 million from \$1,865.3 million to \$2,587.6 million, the amendment request to the TIP reflects an increase of programmed funds by \$659.3 million. The delta of the TIP and Approved Budget is a total of \$64.6 million which was previously obligated in the TIP and will support the FY2022 capital program.

Should you require additional information, please feel free to contact Marci Malaster at [mmalaster@wmata.com](mailto:mmalaster@wmata.com) or Chimgae Tumurbaatar at [mtumurbaatar@wmata.com](mailto:mtumurbaatar@wmata.com). Thank you again for your continued support of WMATA.

Sincerely,

Patrick W. Bailey  
Director, Funds and Grants Management  
Office of Capital and Financial Management

**Washington  
Metropolitan Area  
Transit Authority**

600 Fifth Street, NW  
Washington, D.C. 20001  
202/962-1234

*By Metrorail:  
Judiciary Square-Red Line  
Gallery Place-Chinatown  
Red, Green and  
Yellow Lines*

*A District of Columbia  
Maryland and Virginia  
Transit Partnership*

**National Capital Region Transportation Planning Board  
 FY 2021-2024 Transportation Improvement Program  
 Washington Metropolitan Area Transit Authority  
 TIP ACTION 21-29: Formal Amendment Request**

<i>TIP ID</i>	5853	<i>Agency Project ID</i>		<i>Total Cost</i>	\$1,020,829,636
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Metrorail/Heavy Rail	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Rail Cars - Replacement, Rehabilitation, Expansion, & Enhancements				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for: a. Replacement of Rail Cars: replacement of the rail fleet cars. b. Rehabilitation of Rail Cars: mid-life rehabilitation of rail fleet. c. Rail Fleet Expansion: expansion of the rail fleet to meet ridership growth. d. Rail Enhancements: enhancements to the rail fleet that improve safety, reliability, and passenger comfort. e. Preventative Maintenance for railcars				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$157,245,000	\$173,042,636	\$167,733,000	\$162,366,000	-	\$660,386,636
OTHER	WIP	-	\$10,667,000	\$12,951,000	-	-	-	\$23,618,000
OTHER	PRIIA	-	\$39,413,000	\$20,900,000	\$45,322,000	\$41,790,000	-	\$147,425,000
OTHER	SECT. 5337- SGR	-	\$47,200,000	\$47,200,000	\$47,200,000	\$47,200,000	-	\$188,800,000
OTHER	TID	-	\$600,000	-	-	-	-	\$600,000
<i>Total Other</i>		-	\$255,125,000	\$254,093,636	\$260,255,000	\$251,356,000	-	\$1,020,829,636
<b><i>Total Programmed</i></b>		-	<b>\$255,125,000</b>	<b>\$254,093,636</b>	<b>\$260,255,000</b>	<b>\$251,356,000</b>	-	<b>\$1,020,829,636</b>

**Version History**

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21-00 Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21-18 Modification 2021-2024	04/21/2021	N/A	N/A	N/A
21-29 Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

***Current Change Reason***

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

*Funding Change(s):*

Total project cost decreased from \$1,648,761,600 to \$1,020,829,636



**TIP ID** 5854 **Agency Project ID** **Total Cost** \$676,386,114  
**Lead Agency** Washington Metropolitan Area Transit Authority **Municipality** Region-wide **County**  
**Project Type** Transit - Maintenance **Completion Date** **TCM**  
**Project Name** Buses - Replacement, Rehabilitation, Expansion, & Enhancements  
**Project Limits** Not Location Specific  
**Description** Provides funds for Replacement of the bus fleet; Routine Bus Rehabilitation and Life Cycle Overhaul of the bus fleet; Bus enhancements or upgrade or replacement/repair of equipment (security, fare boxes, bike racks, ADA, etc.)

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	CMAQ	-	\$4,324,914	\$4,067,558	\$2,800,000	\$2,960,000	-	\$14,152,472
OTHER	LOCAL	-	\$49,703,547	\$65,693,695	\$62,912,000	\$50,411,000	-	\$228,720,242
OTHER	SECT. 5307	-	\$101,728,037	\$76,055,763	\$112,128,872	\$108,768,872	-	\$398,681,544
OTHER	SECT. 5339 (C)	-	\$4,162,472	-	-	-	-	\$4,162,472
OTHER	SECT. 5339	-	\$10,223,128	-	\$10,223,128	\$10,223,128	-	\$30,669,384
<i>Total Other</i>		-	\$170,142,098	\$145,817,016	\$188,064,000	\$172,363,000	-	\$676,386,114
<b>Total Programmed</b>		-	<b>\$170,142,098</b>	<b>\$145,817,016</b>	<b>\$188,064,000</b>	<b>\$172,363,000</b>	-	<b>\$676,386,114</b>

### Version History

TIP Document	MPO Approval	State Approval	FHWA Approval	FTA Approval
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	01/06/2021	N/A	N/A	N/A
21- Amendment 2021-2024	Pending	Pending	Pending	N/A

### Current Change Reason

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

### Funding Change(s):

Total project cost decreased from \$1,025,911,338 to \$676,386,114

<i>TIP ID</i>	5855	<i>Agency Project ID</i>		<i>Total Cost</i>	\$31,900,000
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	MetroAccess and Service Vehicles				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for a. MetroAccess Vehicles: purchase/ replacement of Metro Access vehicles. b. Replacement of Service Vehicles: purchase/ replacement of vehicles that will be used Authority-wide for service activities.				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$6,500,000	\$12,400,000	\$6,500,000	\$6,500,000	-	\$31,900,000
	<i>Total Other</i>	-	\$6,500,000	\$12,400,000	\$6,500,000	\$6,500,000	-	\$31,900,000
	<b><i>Total Programmed</i></b>	-	<b>\$6,500,000</b>	<b>\$12,400,000</b>	<b>\$6,500,000</b>	<b>\$6,500,000</b>	-	<b>\$31,900,000</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### Current Change Reason

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

#### *Funding Change(s):*

Total project cost decreased from \$44,600,000 to \$31,900,000

<i>TIP ID</i>	5856	<i>Agency Project ID</i>		<i>Total Cost</i>	\$1,441,591,101
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Rail Line Segment Rehabilitation				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Funding supports: Rehabilitation and safety of Metrorail system including Platform Rehabilitation; Station Modernization; Replace/Rehab critical structures; Replace/Rehab rail systems; and Preventive Maintenance/Rehabilitation of rail system infrastructure.				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$348,622,630	\$524,986,944	\$231,263,000	\$110,675,078	-	\$1,215,547,652
OTHER	WIP	-	\$1,829,000	\$4,068,000	\$3,000,000	-	-	\$8,897,000
OTHER	PRIIA	-	\$86,412,000	\$97,270,000	\$3,098,000	\$5,601,500	-	\$192,381,500
OTHER	SECT. 5307	-	\$3,874,517	-	-	-	-	\$3,874,517
OTHER	SECT. 5337-SGR	-	-	-	-	\$20,890,432	-	\$20,890,432
<i>Total Other</i>		-	\$440,738,147	\$626,324,944	\$237,361,000	\$137,167,010	-	\$1,441,591,101
<b><i>Total Programmed</i></b>		-	<b>\$440,738,147</b>	<b>\$626,324,944</b>	<b>\$237,361,000</b>	<b>\$137,167,010</b>	-	<b>\$1,441,591,101</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	01/06/2021	N/A	N/A	N/A
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### ***Current Change Reason***

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

#### *Funding Change(s):*

Total project cost decreased from \$1,690,945,287 to \$1,441,591,101

<i>TIP ID</i>	5857	<i>Agency Project ID</i>		<i>Total Cost</i>	\$321,268,001
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for: Rehabilitation or replacement, expansion or redesign of bus garages and maintenance facilities to meet storage, maintenance needs, and diversification of fleet. Facility Modernization to update equipment, address safety and adapt to alternative bus fleet types (e.g. CNG, Zero emission/Electric Bus, etc.) (Bladensburg; Northern Bus Garage, Southern Avenue, 4 Mile Run, Royal Street (Cinder Bed Road), Shepard Parkway, etc).				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$4,354,000	\$41,380,001	\$81,000,000	\$132,770,000	-	\$259,504,001
OTHER	SECT. 5307	-	\$17,416,000	\$24,816,025	\$6,000,000	\$2,600,000	-	\$50,832,025
OTHER	SECT. 5339	-	-	\$10,931,975	-	-	-	\$10,931,975
<i>Total Other</i>		-	\$21,770,000	\$77,128,001	\$87,000,000	\$135,370,000	-	\$321,268,001
<b><i>Total Programmed</i></b>		-	<b>\$21,770,000</b>	<b>\$77,128,001</b>	<b>\$87,000,000</b>	<b>\$135,370,000</b>	-	<b>\$321,268,001</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### Current Change Reason

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

#### *Funding Change(s):*

Total project cost increased from \$318,910,000 to \$321,268,001

<i>TIP ID</i>	5858	<i>Agency Project ID</i>		<i>Total Cost</i>	\$848,965,973
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Systems and Technology				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for a. Rail Power Systems: upgrade of rail system's power supply. b. Operations Support Software: purchase and/or replacement of software that supports the transit system. c. Business Support Software & Equipment: purchase and/or replacement of software and equipment that supports the agency's mission. d. Rail Fare Equipment: purchase and/or replacement of fare equipment for the transit system.				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$174,733,101	\$220,534,968	\$203,728,504	\$148,920,216	-	\$747,916,789
OTHER	SECT. 5307	-	-	\$45,576,000	-	-	-	\$45,576,000
OTHER	SECT. 5312	-	\$176,000	-	-	-	-	\$176,000
OTHER	SECT. 5339	-	\$2,180,000	-	-	-	-	\$2,180,000
OTHER	SECT. 5307/5340	-	\$17,383,904	-	\$9,801,496	\$25,931,784	-	\$53,117,184
	<i>Total Other</i>	-	\$194,473,005	\$266,110,968	\$213,530,000	\$174,852,000	-	\$848,965,973
	<b>Total Programmed</b>	-	<b>\$194,473,005</b>	<b>\$266,110,968</b>	<b>\$213,530,000</b>	<b>\$174,852,000</b>	-	<b>\$848,965,973</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	01/06/2021	N/A	N/A	N/A
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### Current Change Reason

SCHEDULE / FUNDING / SCOPE - Capital Investment advancement

### Funding Change(s):

Total project cost decreased from \$1,080,458,715 to \$848,965,973

<i>TIP ID</i>	5859	<i>Agency Project ID</i>		<i>Total Cost</i>	\$885,011,237
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Track and Structures				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for: a. Track Rehabilitation: maintain and rehabilitate track and track infrastructure including aerial structures. b. Station/Tunnel Rehabilitation: repair of water leaks in stations, vent shafts, air ducts, tunnels, tunnel liners, and other areas in the system. c. Preventative Maintenance for track and structures				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$89,659,000	\$293,854,237	\$96,175,000	\$130,859,000	-	\$610,547,237
OTHER	SECT. 5337- SGR	-	\$75,600,000	\$50,760,000	\$78,132,000	\$69,972,000	-	\$274,464,000
	<i>Total Other</i>	-	\$165,259,000	\$344,614,237	\$174,307,000	\$200,831,000	-	\$885,011,237
	<b><i>Total Programmed</i></b>	-	<b>\$165,259,000</b>	<b>\$344,614,237</b>	<b>\$174,307,000</b>	<b>\$200,831,000</b>	-	<b>\$885,011,237</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### ***Current Change Reason***

SCHEDULE / FUNDING / SCOPE - Capital Investment advancement

### *Funding Change(s):*

Total project cost decreased from \$1,065,522,800 to \$885,011,237

<i>TIP ID</i>	5860	<i>Agency Project ID</i>		<i>Total Cost</i>	\$899,163,674
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Passenger Facilities				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for a. Elevator/ Escalator Facilities: rehabilitation of elevator and escalators and expansion of elevator capacity. b. Maintenance of Rail Station Facilities: upgrade, rehabilitation, and/or replacement of station area components. c. Bicycle/ Pedestrian Facilities: rehabilitation, replacement and expansion of bicycle and pedestrian facilities. d. Rail Station Capacity/ Enhancements: expand the capacity of rail stations, improve passenger access, and protect exposed assets. e. Bus Priority Corridor Improvements: bus stops, runningway enhancements, street operations management and safety strategies to produce more reliable bus. f. Rail Station Equipment: purchase of equipment to be used in rail stations, including police emergency management equipment and other related. g. Preventative Maintenance for passenger facilities				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$62,844,752	\$82,647,493	\$83,105,080	\$67,754,300	-	\$296,351,625
OTHER	WIP	-	\$77,939,000	\$152,500,000	\$36,870,000	\$41,580,000	-	\$308,889,000
OTHER	PRIIA	-	\$22,675,000	\$30,330,000	\$25,830,000	\$26,858,500	-	\$105,693,500
OTHER	SECT. 5307	-	\$20,269,405	\$18,387,424	\$24,117,488	\$21,147,200	-	\$83,921,517
OTHER	SECT. 5337-SGR	-	\$25,797,600	\$28,652,000	\$31,294,432	\$18,564,000	-	\$104,308,032
<i>Total Other</i>		-	\$209,525,757	\$312,516,917	\$201,217,000	\$175,904,000	-	\$899,163,674
<b><i>Total Programmed</i></b>		-	<b>\$209,525,757</b>	<b>\$312,516,917</b>	<b>\$201,217,000</b>	<b>\$175,904,000</b>	-	<b>\$899,163,674</b>

**Version History**

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	01/06/2021	N/A	N/A	N/A
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

***Current Change Reason***

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

***Funding Change(s):***

Total project cost decreased from \$1,267,420,657 to \$899,163,674

<i>TIP ID</i>	5861	<i>Agency Project ID</i>		<i>Total Cost</i>	\$500,000
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Maintenance Equipment				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for a. Rail Maintenance Equipment: purchase and/or replacement of equipment to maintain the rail system. b. Bus Repair Equipment: purchase and/or replacement of repair equipment. c. Business Facilities Equipment: purchase and/or replacement of equipment that supports the business process of the agency.				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	-	\$500,000	-	-	-	\$500,000
	<i>Total Other</i>	-	-	\$500,000	-	-	-	\$500,000
	<b><i>Total Programmed</i></b>	-	-	<b>\$500,000</b>	-	-	-	<b>\$500,000</b>

#### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

#### ***Current Change Reason***

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

#### *Funding Change(s):*

Total project cost decreased from \$2,300,000 to \$500,000



<i>TIP ID</i>	5862	<i>Agency Project ID</i>		<i>Total Cost</i>	\$592,458,000
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Other Support Facilities				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for: a. Business Support Facilities: facilities that support business operations functions. b. Metro Transit Police Department (MTPD) Support Facilities Rehabilitation: upgrade and rehabilitation of MTPD facilities. c. MTPD Support Facilities Expansion: expansion of MTPD to meet new ridership and facility demands, to include the new District 2, police training facility, and special operations division facility.				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$263,716,000	\$307,406,000	\$13,062,000	\$8,274,000	-	\$592,458,000
	<i>Total Other</i>	-	\$263,716,000	\$307,406,000	\$13,062,000	\$8,274,000	-	\$592,458,000
	<b><i>Total Programmed</i></b>	-	<b>\$263,716,000</b>	<b>\$307,406,000</b>	<b>\$13,062,000</b>	<b>\$8,274,000</b>	-	<b>\$592,458,000</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### ***Current Change Reason***

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

### *Funding Change(s):*

Total project cost decreased from \$688,287,000 to \$592,458,000

<i>TIP ID</i>	5863	<i>Agency Project ID</i>		<i>Total Cost</i>	\$26,802,300
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Project Management and Support				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for Project Planning, Management and Support				

<b>Phase</b>	<b>Fund Source</b>	<b>Prior</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Future</b>	<b>Total</b>
OTHER	LOCAL	-	\$7,500,000	\$7,102,300	\$6,100,000	\$6,100,000	-	\$26,802,300
	<i>Total Other</i>	-	\$7,500,000	\$7,102,300	\$6,100,000	\$6,100,000	-	\$26,802,300
	<b><i>Total Programmed</i></b>	-	<b>\$7,500,000</b>	<b>\$7,102,300</b>	<b>\$6,100,000</b>	<b>\$6,100,000</b>	-	<b>\$26,802,300</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21- Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21- Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### Current Change Reason

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

#### *Funding Change(s):*

Total project cost decreased from \$65,183,800 to \$26,802,300

<i>TIP ID</i>	5866	<i>Agency Project ID</i>		<i>Total Cost</i>	\$61,840,000
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for a. Maintenance of Rail Yards: maintenance and/or rehabilitation of rail maintenance yards. b. Rail Maintenance Facilities: construction and/or replacement of rail maintenance facilities.				

<b>Phase</b>	<b>Fund Source</b>	<b>Prior</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Future</b>	<b>Total</b>
OTHER	LOCAL	-	\$2,700,000	\$2,140,000	\$27,000,000	\$28,500,000	-	\$60,340,000
	<i>Total Other</i>	-	\$2,700,000	\$2,140,000	\$27,000,000	\$28,500,000	-	\$60,340,000
	<b><i>Total Programmed</i></b>	-	<b>\$2,700,000</b>	<b>\$2,140,000</b>	<b>\$27,000,000</b>	<b>\$28,500,000</b>	-	<b>\$60,340,000</b>

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### Version History

<i>TIP Document</i>		<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21-00	Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21-29	Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	N/A

### ***Current Change Reason***

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

Total project cost decreased from \$78,450,000 to \$60,340,000

<i>TIP ID</i>	5867	<i>Agency Project ID</i>		<i>Total Cost</i>	\$585,413,001
<i>Lead Agency</i>	Washington Metropolitan Area Transit Authority	<i>Municipality</i>	Region-wide	<i>County</i>	
<i>Project Type</i>	Transit - Maintenance	<i>Completion Date</i>		<i>TCM</i>	
<i>Project Name</i>	Facilities Maintenance Support Systemwide Support Equipment, Environmental Compl Projects and Adm Support				
<i>Project Limits</i>	Not Location Specific				
<i>Description</i>	Provides funds for: a. Environmental Compliance Projects: facility or equipment upgrades and/or replacements required to comply with environmental regulatory requirements or directives. b. Maintenance Bus & Rail Facilities: upgrades, rehabilitation, and/or replacements of systemwide support equipment, financial planning and project administration, to include a new test track, railcar commissioning facility and New Carrollton Yard capacity improvements.				

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$64,973,172	\$144,547,468	\$139,573,000	\$193,438,000	-	\$542,531,640
OTHER	SECT. 5307	-	\$560,000	-	\$9,184,000	-	-	\$9,744,000
OTHER	SECT. 5337-SGR	-	\$8,028,828	\$22,324,533	-	-	-	\$30,353,361
OTHER	SECT. 5307/5340	-	-	-	-	\$2,784,000	-	\$2,784,000
	<i>Total Other</i>	-	\$73,562,000	\$166,872,001	\$148,757,000	\$196,222,000	-	\$585,413,001
	<b>Total Programmed</b>	-	<b>\$73,562,000</b>	<b>\$166,872,001</b>	<b>\$148,757,000</b>	<b>\$196,222,000</b>	-	<b>\$585,413,001</b>

### Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>State Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21-00 Adoption 2021-2024	03/20/2020	10/01/2020	05/27/2020	05/27/2020
21-29 Amendment 2021-2024	Pending	Pending	Pending	N/A

### Current Change Reason

SCHEDULE / FUNDING / SCOPE - Capital Investment Advancement

### Funding Change(s):

Total project cost increased from \$576,148,010 to \$585,413,001

National Capital Region Transportation Planning Board  
 FY 2021-2024 Transportation Improvement Program  
 Washington Metropolitan Area Transit Authority  
 Programmed Funding Sources by Fiscal Year

<b>FUNDING SOURCE</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>TOTAL YEAR</b>
Congestion Mitigation and Air Quality Improvement Program	\$4,324,914	\$4,067,558	\$2,800,000	\$2,960,000	\$14,152,472
Passenger Rail Investment and Improvement Act	\$148,500,000	\$148,500,000	\$74,250,000	\$74,250,000	\$445,500,000
Sect. 5307 - Urbanized Area Formula Program	\$143,847,959	\$164,835,212	\$151,430,360	\$132,516,072	\$592,629,603
Sect. 5312 - Public Transportation Innovation	\$176,000	\$0	\$0	\$0	\$176,000
Sect. 5337 - State of Good Repair Program	\$156,626,428	\$148,936,533	\$156,626,432	\$156,626,432	\$618,815,825
Sect. 5339 (c) - Low or No Emissions Vehicle Program	\$4,162,472	\$0	\$0	\$0	\$4,162,472
Sect. 5339 - Bus and Bus Facilities Formula Program	\$12,403,128	\$10,931,975	\$10,223,128	\$10,223,128	\$43,781,359
Section 5307/5340	\$17,383,904	\$0	\$9,801,496	\$28,715,784	\$55,901,184
Technology and Innovation Deployment Program	\$600,000	\$0	\$0	\$0	\$600,000
<b>FEDERAL SUBTOTAL</b>	\$488,024,805	\$477,271,278	\$405,131,416	\$405,291,416	\$1,775,718,915
Local	\$1,232,551,202	\$1,876,235,742	\$1,118,151,584	\$1,046,567,594	\$5,273,506,122
<b>LOCAL SUBTOTAL</b>	\$1,232,551,202	\$1,876,235,742	\$1,118,151,584	\$1,046,567,594	\$5,273,506,122
Local Funding Agreement (non-matching)	\$90,435,000	\$169,519,000	\$39,870,000	\$41,580,000	\$341,404,000
<b>OTHER SUBTOTAL</b>	\$90,435,000	\$169,519,000	\$39,870,000	\$41,580,000	\$341,404,000
<b>TOTAL</b>	\$1,811,011,007	\$2,523,026,020	\$1,563,153,000	\$1,493,439,010	\$7,390,629,037