TPB Steering Committee Item #1b TPB R13-2022 March 4, 2022

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 AUTHORITY FY 2023 CAPITAL BUDGET

WHEREAS, the National Capital Region Transportation Planning Board (TPB), as the federally designated metropolitan planning organization (MPO) for the Washington region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act, reauthorized November 15, 2021 when the Infrastructure Investment and Jobs Act (IIJA) was signed into law, 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, the Washington Metropolitan Area Transit Authority (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 2023 Capital Budget, which is expected to be approved by the WMATA Board at its March 24, 2022 meeting, increasing the FY 2023 and the four-year program total by a net total of \$85.6 million from \$7.39 billion to \$7.46 billion, as described in the attached materials; and

WHEREAS, the attached materials include: Attachment A) a Project Overview report showing how the project groupings will appear in the TIP after the action is approved; Attachment B) an Amendment Summary report showing the project grouping costs, reason(s) for the amendment, and a Change Summary detailing changes to every programmed amount by fund source, fiscal year, and project phase; Attachment C) a Fund Change Detail report details the amount of change by each source; and Attachment D) a letter from WMATA dated February 25, 2022 requesting the amendment; and

WHEREAS, these projects have been entered in the TPB's Project InfoTrak database application under TIP Action 21-48, creating the 48th version of the FY 2021-2024 TIP, which supersedes all previous versions of the TIP and can be viewed online at www.mwcog.org/ProjectInfoTrak; and

WHEREAS, full funding for these projects and programs were included in the Visualize 2045 financial analysis; 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, this resolution and amendments to the FY 2021-2024 TIP shall not be considered final until the Transportation Planning Board has had the opportunity to review and accept these materials at its next full meeting;

NOW, THEREFORE, BE IT RESOLVED THAT the Steering Committee of the National Capital Region Transportation Planning Board amends the FY 2021-2024 TIP update project and funding information for thirteen project groupings to match WMATA's FY 2023 Capital Budget, increasing the FY 2023 and the four-year program totals by a net total of \$85.6 million from \$7.39 billion to \$7.46 billion, as described in the attached materials.



TIP ID T5853

Rail Cars - Replacement, Rehabilitation, Expansion, & Enhancements County

Not Location Specific

Lead Agency

Washington Metropolitan Area Transit Authority

Project Type Total Cost

Transit - Metrorail/Heavy Rail

Region-wide Municipality Agency Project ID

Completion Date

Description

Project Name

Project Limits

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	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$157,245,000	\$173,042,636	\$68,569,231	\$162,366,000	-	\$561,222,867
OTHER	WIP	-	\$10,667,000	\$12,951,000	-	-	-	\$23,618,000
OTHER	PRIIA	-	\$39,413,000	\$20,900,000	-	\$41,790,000	-	\$102,103,000
OTHER	SECT. 5337-SGR	-	\$47,200,000	\$47,200,000	\$82,324,459	\$47,200,000	-	\$223,924,459
OTHER	TID	-	\$600,000	-	-	-	-	\$600,000
	Total Other	-	\$255,125,000	\$254,093,636	\$150,893,690	\$251,356,000	-	\$911,468,326
	Total Programmed	-	\$255,125,000	\$254,093,636	\$150,893,690	\$251,356,000	-	\$911,468,326

*Not Location Specific

\$911,468,326

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-18 Amendment 2021-2024 04/21/2021 N/A N/A 21-29 Amendment 2021-2024 8/29/2021 07/21/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost decreased from \$1,020,829,636 to \$911,468,326



T5854

Attachment A: Project Overview Report TIP Action 21-48: Formal Amendment to the FY 2021-2024 Transportation Improvement Program Requested by Washington Metropolitan Area Transit Authority for Review and Approval by the TPB Steering Committee on March 4, 2022

Lead Agency Washington Metropolitan Area Transit Authority

Project Name Buses - Replacement, Rehabilitation, Expansion, & Enhancements County Project Limits

Not Location Specific Municipality Region-wide Completion Date

Agency Project ID

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 Description

racks, ADA, etc.)

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	CMAQ	-	\$4,324,914	\$4,067,558	-	\$2,960,000	-	\$11,352,472
OTHER	LOCAL	-	\$49,703,547	\$65,693,695	\$116,540,000	\$50,411,000	-	\$282,348,242
OTHER	SECT. 5307	-	\$101,728,037	\$76,055,763	\$88,880,000	\$108,768,872	-	\$375,432,672
OTHER	SECT. 5339 (C)	-	\$4,162,472	-	-	-	-	\$4,162,472
OTHER	SECT. 5339	-	\$10,223,128	-	\$11,504,000	\$10,223,128	-	\$31,950,256
	Total Other	-	\$170,142,098	\$145,817,016	\$216,924,000	\$172,363,000	-	\$705,246,114
	Total Programmed	-	\$170.142.098	\$145.817.016	\$216.924.000	\$172.363.000	-	\$705.246.114

*Not Location Specific

Transit - Maintenance

\$705.246.114

Project Type

Total Cost

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-14 Amendment 2021-2024 01/06/2021 N/A N/A 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 Amendment 2021-2024 21-48 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost increased from \$676,386,114 to \$705,246,114



T5855

Lead Agency

Project Type

Transit - Maintenance

Project Name Project Limits

Description

MetroAccess and Service Vehicles Not Location Specific

County Municipality Total Cost

\$29,000,000

Region-wide Agency Project ID

Completion Date

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.

Washington Metropolitan Area Transit Authority

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$6,500,000	\$12,400,000	\$720,000	\$6,500,000	-	\$26,120,000
OTHER	SECT. 5307	-	-	-	\$2,880,000	-	-	\$2,880,000
	Total Other	-	\$6,500,000	\$12,400,000	\$3,600,000	\$6,500,000	-	\$29,000,000
	Total Programmed	-	\$6,500,000	\$12,400,000	\$3,600,000	\$6,500,000	-	\$29,000,000

*Not Location Specific

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost decreased from \$31,900,000 to \$29,000,000



T5856

Project Name

Description

Lead Agency

Washington Metropolitan Area Transit Authority

Project Type Total Cost

Transit - Maintenance \$1.599.007.851

Rail Line Segment Rehabilitation Project Limits Not Location Specific

County Municipality

Completion Date

Agency Project ID

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	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$348,622,630	\$524,986,944	\$252,192,750	\$110,675,078	-	\$1,236,477,402
OTHER	WIP	-	\$1,829,000	\$4,068,000	\$40,185,000	-	-	\$46,082,000
OTHER	PRIIA	-	\$86,412,000	\$97,270,000	\$102,400,000	\$5,601,500	-	\$291,683,500
OTHER	SECT. 5307	-	\$3,874,517	-	-	-	-	\$3,874,517
OTHER	SECT. 5337-SGR	-	-	-	-	\$20,890,432	-	\$20,890,432
	Total Other	-	\$440,738,147	\$626,324,944	\$394,777,750	\$137,167,010	-	\$1,599,007,851
	Total Programmed	-	\$440,738,147	\$626,324,944	\$394,777,750	\$137,167,010	-	\$1,599,007,851

Region-wide

*Not Location Specific

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-14 Amendment 2021-2024 01/06/2021 N/A N/A 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost increased from \$1,441,591,101 to \$1,599,007,851



Project Name

Project Limits

TIP Document

21-00

21-29

21-48

23-00

Description

T5857

Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement County

Not Location Specific

Lead Agency

Washington Metropolitan Area Transit Authority

Project Type

Transit - Maintenance

\$351,708,355

Total Cost

Completion Date

Agency Project ID

Municipality

Pending

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),

Region-wide

Shepard Parkway, etc).

Adoption 2021-2024

Adoption 2023-2026

Amendment 2021-2024

Amendment 2021-2024

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$4,354,000	\$41,380,001	\$53,864,071	\$132,770,000	-	\$232,368,072
OTHER	SECT. 5307	-	\$17,416,000	\$24,816,025	\$63,576,283	\$2,600,000	-	\$108,408,308
OTHER	SECT. 5339	-	-	\$10,931,975	-	-	-	\$10,931,975
	Total Other	-	\$21,770,000	\$77,128,001	\$117,440,354	\$135,370,000	-	\$351,708,355
	Total Programmed	-	\$21,770,000	\$77.128.001	\$117,440,354	\$135.370.000	-	\$351.708.355

Pending

*Not Location Specific

Version History MPO Approval FHWA Approval FTA Approval 03/20/2020 05/27/2020 05/27/2020 07/21/2021 8/29/2021 8/29/2021 Pending Pending Pending

Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost increased from \$321,268,001 to \$351,708,355



Systems and Technology

Attachment A: Project Overview Report TIP Action 21-48: Formal Amendment to the FY 2021-2024 Transportation Improvement Program Requested by Washington Metropolitan Area Transit Authority for Review and Approval by the TPB Steering Committee on March 4, 2022

T5858

Lead Agency

Washington Metropolitan Area Transit Authority

County

Transit - Maintenance

Total Cost \$757.078.973

Project Type Completion Date

Project Limits Not Location Specific

Project Name

Description

Municipality Region-wide

Agency Project ID

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	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$174,733,101	\$220,534,968	\$121,643,000	\$148,920,216	-	\$665,831,285
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	-	-	\$25,931,784	-	\$43,315,688
	Total Other	-	\$194,473,005	\$266,110,968	\$121,643,000	\$174,852,000	-	\$757,078,973
	Total Programmed	-	\$194,473,005	\$266,110,968	\$121,643,000	\$174,852,000	-	\$757,078,973

*Not Location Specific

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-14 Amendment 2021-2024 01/06/2021 N/A N/A 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost decreased from \$848,965,973 to \$757,078,973



Track and Structures

Description

T5859

Lead Agency

Washington Metropolitan Area Transit Authority

05/27/2020

8/29/2021

Pending

Pending

Project Type

Transit - Maintenance

\$961.241.137

Project Name Project Limits Not Location Specific

County Municipality Region-wide Total Cost Completion Date

Agency Project ID

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	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$89,659,000	\$293,854,237	\$209,096,900	\$130,859,000	-	\$723,469,137
OTHER	PRIIA	-	-	-	\$13,600,000	-	-	\$13,600,000
OTHER	SECT. 5337-SGR	-	\$75,600,000	\$50,760,000	\$27,840,000	\$69,972,000	-	\$224,172,000
	Total Other	-	\$165,259,000	\$344,614,237	\$250,536,900	\$200,831,000	-	\$961,241,137
	Total Programmed	-	\$165,259,000	\$344.614.237	\$250.536.900	\$200.831.000	-	\$961,241,137

*Not Location Specific

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending 23-00 Adoption 2023-2026 Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost increased from \$885,011,237 to \$961,241,137



T5860

Lead Agency

Washington Metropolitan Area Transit Authority

Project Type Total Cost

Transit - Maintenance

Proiect Name Project Limits Passenger Facilities Not Location Specific County Municipality

Region-wide

Completion Date

Agency Project ID Description

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

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Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$62,844,752	\$82,647,493	\$93,339,948	\$67,754,300	-	\$306,586,493
OTHER	WIP	-	\$77,939,000	\$152,500,000	\$3,109,000	\$41,580,000	-	\$275,128,000
OTHER	PRIIA	-	\$22,675,000	\$30,330,000	\$24,300,000	\$26,858,500	-	\$104,163,500
OTHER	SECT. 5307	-	\$20,269,405	\$18,387,424	\$12,939,053	\$21,147,200	-	\$72,743,082
OTHER	SECT. 5337-SGR	-	\$25,797,600	\$28,652,000	\$14,256,000	\$18,564,000	-	\$87,269,600
	Total Other	-	\$209,525,757	\$312,516,917	\$147,944,001	\$175,904,000	-	\$845,890,675
	Total Programmed	-	\$209,525,757	\$312,516,917	\$147,944,001	\$175,904,000	-	\$845,890,675

*Not Location Specific

\$845.890.675

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-14 Amendment 2021-2024 01/06/2021 N/A N/A 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 Pending 21-48 Amendment 2021-2024 Pending Pending Adoption 2023-2026 23-00 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost decreased from \$899,163,674 to \$845,890,675



Project Name

Description

T5861

Lead Agency County

Washington Metropolitan Area Transit Authority

Project Type Total Cost

Transit - Maintenance

Maintenance Equipment Project Limits Not Location Specific

Municipality Region-wide Completion Date

Agency Project ID

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	Source		Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL		-	-	\$500,000	-	-	-	\$500,000
		Total Other	-	-	\$500,000	-	-	-	\$500,000
		Total Programmed	-	-	\$500,000	-	-	-	\$500,000

*Not Location Specific

\$500.000

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost stays the same \$500,000



Project Name

T5862

Lead Agency County

Washington Metropolitan Area Transit Authority

Project Type Total Cost

Transit - Maintenance \$606,790,490

Project Limits

Description

Other Support Facilities Not Location Specific

Municipality

Completion Date

Agency Project ID

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 Facility, and special operations division facility demands, to include the new District 2, police training facility, and special operations division facility.

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$263,716,000	\$307,406,000	\$27,394,490	\$8,274,000	-	\$606,790,490
	Total Other	-	\$263,716,000	\$307,406,000	\$27,394,490	\$8,274,000	-	\$606,790,490
	Total Programmed	-	\$263,716,000	\$307,406,000	\$27,394,490	\$8,274,000	-	\$606,790,490

Region-wide

*Not Location Specific

Version History

TIP Document 21-00 Adoption 2021-2024 21-29 Amendment 2021-2024 21-48 Amendment 2021-2024 23-00 Adoption 2023-2026

MPO Approval FHWA Approval FTA Approval 03/20/2020 05/27/2020 05/27/2020 07/21/2021 8/29/2021 8/29/2021 Pending Pending Pending Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost increased from \$592,458,000 to \$606,790,490



TIP ID Project Name Project Management and Support

T5863

Lead Agency

Washington Metropolitan Area Transit Authority

Region-wide

Not Location Specific

County Municipality Project Type Total Cost

Transit - Maintenance \$98.329.300

Completion Date

Project Limits Description

Agency Project ID Provides funds for Project Planning, Management and Support

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$7,500,000	\$7,102,300	\$77,627,000	\$6,100,000	-	\$98,329,300
	Total Other	-	\$7,500,000	\$7,102,300	\$77,627,000	\$6,100,000	-	\$98,329,300
	Total Programmed	-	\$7,500,000	\$7,102,300	\$77,627,000	\$6,100,000	-	\$98,329,300

*Not Location Specific

Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost increased from \$26,802,300 to \$98,329,300



Adoption 2021-2024

Adoption 2023-2026

Amendment 2021-2024

Amendment 2021-2024

TIP ID

Project Name

Project Limits

TIP Document

21-00

21-29

21-48

23-00

Description

Attachment A: Project Overview Report TIP Action 21-48: Formal Amendment to the FY 2021-2024 Transportation Improvement Program Requested by Washington Metropolitan Area Transit Authority for Review and Approval by the TPB Steering Committee on March 4, 2022

T5866

Lead Agency Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement County

Not Location Specific

Municipality Region-wide

Agency Project ID

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.

Project Type

Completion Date

Total Cost

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$2,700,000	\$2,140,000	\$45,939,000	\$28,500,000	-	\$79,279,000
OTHER	SECT. 5337-SGR	-	-	-	\$25,800,000	-	-	\$25,800,000
	Total Other	-	\$2,700,000	\$2,140,000	\$71,739,000	\$28,500,000	-	\$105,079,000
	Total Programmed	-	\$2,700,000	\$2,140,000	\$71,739,000	\$28,500,000	-	\$105,079,000

*Not Location Specific

Transit - Maintenance

\$105.079.000

Version History MPO Approval FHWA Approval FTA Approval 03/20/2020 05/27/2020 05/27/2020 07/21/2021 8/29/2021 8/29/2021 Pending Pending Pending Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Washington Metropolitan Area Transit Authority

Total project cost increased from \$60,340,000 to \$105,079,000



T5867

Project Name Facilities Maintenance Support Systemwide Support Equipment, Environmental Compl Projects and Adm Support

Project Limits Not Location Specific

Lead Agency

Washington Metropolitan Area Transit Authority Project Type

Transit - Maintenance

Total Cost

\$504.936.641

Municipality Region-wide Agency Project ID

Completion Date

Description

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	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
OTHER	LOCAL	-	\$64,973,172	\$144,547,468	\$65,080,640	\$193,438,000	-	\$468,039,280
OTHER	PRIIA	-	-	-	\$3,200,000	-	-	\$3,200,000
OTHER	SECT. 5307	-	\$560,000	-	-	-	-	\$560,000
OTHER	SECT. 5337-SGR	-	\$8,028,828	\$22,324,533	-	-	-	\$30,353,361
OTHER	SECT. 5307/5340	-	-	-	-	\$2,784,000	-	\$2,784,000
	Total Other	-	\$73,562,000	\$166,872,001	\$68,280,640	\$196,222,000	-	\$504,936,641
	Total Programmed	-	\$73,562,000	\$166,872,001	\$68,280,640	\$196,222,000	-	\$504,936,641



Version History

TIP Document MPO Approval FHWA Approval FTA Approval 21-00 Adoption 2021-2024 03/20/2020 05/27/2020 05/27/2020 21-29 Amendment 2021-2024 07/21/2021 8/29/2021 8/29/2021 21-48 Amendment 2021-2024 Pending Pending Pending 23-00 Adoption 2023-2026 Pending Pending Pending

Current Change Reason

SCHEDULE / FUNDING / SCOPE - Programming Update

Funding Change(s):

Total project cost decreased from \$585,413,001 to \$504,936,641

Attachment B: Summary Report for
TIP Action 21-48: Formal Amendment to the
FY (2021-2024) Transportation Improvement Program

	FY (2021-2024) Transportation improvement Program Requested by Weshington Metropolitan Area Transit Authority									
	PROJECT TITLE		COST AFTER	COST CHANGE	% CHANGE	CHANGE REASON	CHANGE SUMMARY PROJECT CHANGES (FROM PREVIOUS VERSION):			
15854	Buses - Replacement, Rehabilitation, Expansion, & Enhancements	\$676,386,114	\$705,246,114	\$28,860,000	4	Programming Update	LOCAL			
							+ Increase funds in FFY 23 in OTHER from \$62,912,000 to \$116,540,000 SECT. 5307			
							- Decrease funds in FFY 23 in OTHER from \$112,128,872 to \$88,880,000			
							SECT. 5339 + Increase funds in FFY 23 in OTHER from \$10,223,128 to \$11,504,000			
							CMAQ ► Delete funds in FFY 23 in			
							Total project cost increased from \$676,386,114 to \$705,246,114			
T5855	MetroAccess and Service Vehicles	\$31,900,000	\$29,000,000	(\$2,900,000)	-9	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
							LOCAL - Decrease funds in FFY 23 in OTHER from \$6,500,000 to \$720,000			
							SECT. 5307			
							► Add funds in FFY 23 in OTHER for \$2,880,000 Total project cost decreased from \$31,900,000 to \$29,000,000			
T5861	Maintenance Equipment	\$500,000	\$500,000	\$0	0	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
10001	municinate Equipment	\$000,000	\$000,000	•	ū	r rogiumining opulic	Total project cost stays the same \$500,000			
T5860	Passenger Facilities	\$899,163,674	\$845,890,675	(\$53,272,999)	-6	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
							LOCAL + Increase funds in FFY 23 in OTHER from \$83,105,080 to \$93,339,948			
							WIP			
							- Decrease funds in FFY 23 in OTHER from \$36,870,000 to \$3,109,000 SECT. 5337-SGR			
							- Decrease funds in FFY 23 in OTHER from \$31,294,432 to \$14,256,000 SECT. 5307			
							- Decrease funds in FFY 23 in OTHER from \$24,117,488 to \$12,939,053			
							PRIIA - Decrease funds in FFY 23 in OTHER from \$25,830,000 to \$24,300,000			
							Total project cost decreased from \$899,163,674 to \$845,890,675			
T5862	Other Support Facilities	\$592,458,000	\$606,790,490	\$14,332,490	2	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
							LOCAL + Increase funds in FFY 23 in OTHER from \$13,062,000 to \$27,394,490			
							Total project cost increased from \$592,458,000 to \$606,790,490			
T5859	Track and Structures	\$885,011,237	\$961,241,137	\$76,229,900	9	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
							LOCAL + Increase funds in FFY 23 in OTHER from \$96,175,000 to \$209,096,900			
							SECT. 5337-SGR			
							- Decrease funds in FFY 23 in OTHER from \$78,132,000 to \$27,840,000 PRIIA			
							 Add funds in FFY 23 in OTHER for \$13,600,000 Total project cost increased from \$885,011,237 to \$961,241,137 			
T5866	Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement	\$60,340,000	\$105,079,000	\$44,739,000	74	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION): LOCAL			
							+ Increase funds in FFY 23 in OTHER from \$27,000,000 to \$45,939,000 SECT. 5337-SGR			
							► Add funds in FFY 23 in OTHER for \$25,800,000			
							Total project cost increased from \$60,340,000 to \$105,079,000			
T5857	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	\$321,268,001	\$351,708,355	\$30,440,354	9	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION): LOCAL			
	and replacement						- Decrease funds in FFY 23 in OTHER from \$81,000,000 to \$53,864,071			
							SECT. 5307 + Increase funds in FFY 23 in OTHER from \$6,000,000 to \$63,576,283			
							Total project cost increased from \$321,268,001 to \$351,708,355			
T5856	Rail Line Segment Rehabilitation	\$1,441,591,101	\$1,599,007,851	\$157,416,750	11	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
							LOCAL + Increase funds in FFY 23 in OTHER from \$231,263,000 to \$252,192,750			
							WIP + Increase funds in FFY 23 in OTHER from \$3,000,000 to \$40,185,000			
							PRIIA			
							+ Increase funds in FFY 23 in OTHER from \$3,098,000 to \$102,400,000 Total project cost increased from \$1,441,591,101 to \$1,599,007,851			
TEOC	Systems and Technology	8040 005 675	\$757 078 973	(804 007 007)		December 11-1				
15858	Systems and Technology	\$848,965,973	\$/5/,078,973	(\$91,887,000)	-11	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION): LOCAL			
							 Decrease funds in FFY 23 in OTHER from \$203,728,504 to \$121,643,000 SECT. 5307/5340 			
							► Delete funds in FFY 23 in			
							Total project cost decreased from \$848,965,973 to \$757,078,973			
T5867	Facilities Maintenance Support Systemwide Support Equipment, Environmental Compl Projects and Adm Support	\$585,413,001	\$504,936,641	(\$80,476,360)	-14	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION): LOCAL			
	, , , , , , , , , , , , , , , , , , , ,						- Decrease funds in FFY 23 in OTHER from \$139,573,000 to \$65,080,640			
							SECT. 5307 ► Delete funds in FFY 23 in			
							PRIIA Add funds in FFY 23 in OTHER for \$3,200,000			
							Total project cost decreased from \$585,413,001 to \$504,936,641			
T5863	Project Management and Support	\$26,802,300	\$98,329,300	\$71,527,000	267	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
							LOCAL + Increase funds in FFY 23 in OTHER from \$6,100,000 to \$77,627,000			
							+ Increase funds in FFY 23 in OTHER from \$6,100,000 to \$77,627,000 Total project cost increased from \$26,802,300 to \$98,329,300			
T5853	Rail Cars - Replacement, Rehabilitation, Expansion, &	\$1,020,829,636	\$911,468,326	(\$109,361,310)	-11	Programming Update	PROJECT CHANGES (FROM PREVIOUS VERSION):			
	Enhancements						LOCAL - Decrease funds in FFY 23 in OTHER from \$167,733,000 to \$68,569,231			
							SECT. 5337-SGR			
							+ Increase funds in FFY 23 in OTHER from \$47,200,000 to \$82,324,459 PRIIA			
							► Delete funds in FFY 23 in			
							Total project cost decreased from \$1,020,829,636 to \$911,468,326			
	GRAND TOTALS:	\$7,390,629,037	\$7,476,276,862	\$85,647,825	1%					

Attachnment C: Fund Type Change Report TIP Action 21-48: Formal Amendment to the FY 2021-2026 Transportation Improvement Program Requested by Washington Metropolitan Area Transit Authority

FUNDING SOURCE	PRIOR	2021	2022	2023	2024	TOTAL YEAR
CMAQ	21-29	\$4,324,914	\$4,067,558	\$2,800,000	\$2,960,000	\$14,152,472
	21-48	\$4,324,914	\$4,067,558	\$0	\$2,960,000	\$11,352,472
	DELTA			(\$2,800,000)		(\$2,800,000)
PRIIA	21-29	\$148,500,000	\$148,500,000	\$74,250,000	\$74,250,000	\$445,500,000
	21-48	\$148,500,000	\$148,500,000	\$143,500,000	\$74,250,000	\$514,750,000
	DELTA			\$69,250,000		\$69,250,000
SECT. 5307	21-29	\$143,847,959	\$164,835,212	\$151,430,360	\$132,516,072	\$592,629,603
	21-48	\$143,847,959	\$164,835,212	\$168,275,336	\$132,516,072	\$609,474,579
	DELTA			\$16,844,976		\$16,844,976
SECT. 5312	21-29	\$176,000	\$0	\$0	\$0	\$176,000
	21-48	\$176,000	\$0	\$0	\$0	\$176,000
	DELTA			\$0		\$0
SECT. 5337	21-29	\$156,626,428	\$148,936,533	\$156,626,432	\$156,626,432	\$618,815,825
	21-48	\$156,626,428	\$148,936,533	\$150,220,459	\$156,626,432	\$612,409,852
	DELTA			(\$6,405,973)		(\$6,405,973)
SECT. 5339 (C)	21-29	\$4,162,472	\$0	\$0	\$0	\$4,162,472
	21-48	\$4,162,472	\$0	\$0	\$0	\$4,162,472
	DELTA			\$0		\$0
SECT. 5339	21-29	\$12,403,128	\$10,931,975	\$10,223,128	\$10,223,128	\$43,781,359
	21-48	\$12,403,128	\$10,931,975	\$11,504,000	\$10,223,128	\$45,062,231
	DELTA			\$1,280,872		\$1,280,872
SECT. 5307/5340	21-29	\$17,383,904	\$0	\$9,801,496	\$28,715,784	\$55,901,184
	21-48	\$17,383,904	\$0	\$0	\$28,715,784	\$46,099,688
	DELTA			(\$9,801,496)		(\$9,801,496)
TID	21-29	\$600,000	\$0	\$0	\$0	\$600,000
	21-48	\$600,000	\$0	\$0	\$0	\$600,000
	DELTA			\$0		\$0
FEDERAL SUBTOTAL	21-29	\$488,024,805	\$477,271,278	\$405,131,416	\$405,291,416	\$1,775,718,915
	21-48	\$488,024,805	\$477,271,278	\$473,499,795	\$405,291,416	\$1,844,087,294
	DELTA			\$68,368,379		\$68,368,379
LOCAL	21-29	\$1,232,551,202	\$1,876,235,742	\$1,118,151,584	\$1,046,567,594	\$5,273,506,122
	21-48	\$1,232,551,202	\$1,876,235,742	\$1,132,007,030	\$1,046,567,594	\$5,287,361,568
	DELTA			\$13,855,446		\$13,855,446
LOCAL (non-matching)	21-29	\$90,435,000	\$169,519,000	\$39,870,000	\$41,580,000	\$341,404,000
	21-48	\$90,435,000	\$169,519,000	\$43,294,000	\$41,580,000	\$344,828,000
	DELTA			\$3,424,000		\$3,424,000
LOCAL SUBTOTAL	21-29	\$1,322,986,202	\$2,045,754,742	\$1,158,021,584	\$1,088,147,594	\$5,614,910,122
	21-48	\$1,322,986,202	\$2,045,754,742	\$1,175,301,030	\$1,088,147,594	\$5,632,189,568
	DELTA			\$17,279,446	\$0	\$17,279,446
GRAND TOTAL	21-29	\$1,811,011,007	\$2,523,026,020	\$1,563,153,000	\$1,493,439,010	\$7,390,629,037
	21-48	\$1,811,011,007	\$2,523,026,020	\$1,648,800,825	\$1,493,439,010	\$7,476,276,862
	DELTA			\$85,647,825	\$0	\$85,647,825



February 25, 2022

The Honorable Pamela Sebesky
Chairman, 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) FY2023 Capital Budget

Dear Chairman Sebesky:

The Washington Metropolitan Area Transit Authority (WMATA) requests the FY 2021-2024 Transportation Improvement Program (TIP) be amended in support of WMATA's Proposed FY2023 Capital Budget. The WMATA Board, at its December 9th, 2021 meeting, authorized public hearings and publication of WMATA's program of projects and Proposed Budget for public comment. The WMATA Board is expected to adopt the FY2023 budget at its March 24, 2022 meeting.

This revised TIP amendment submission reflects WMATA's proposed FY2023 budget of \$2.3 billion. Specifically, this resubmission, per discussions with TPB staff, reflects only the anticipated Federal obligations and local match for FY2023. This revised amendment still reflects significant advancement of critical safety improvements and ongoing 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 for this amendment, and the represented amounts include the required local match for Federal funds. The WMATA's FY2023 Proposed Budget and capital investments can be found at <a href="https://www.wmatau.com/wmatau.

TIP 5853 - Railcars Replacement and Rehabilitations and

Enhancements is a Federal funded program supports Railcar Rehabilitation to include 7000-Series Railcars. The program now includes the 2000 and 3000-Series railcars which were returned back into service as a result of the ongoing investigation of the 7000-Series safety investigation. It also funds rehabilitation and scheduled maintenance.

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

TIP5854 – Bus Replacement, Rehabilitation, Expansion, &

Enhancements is a Federal funded program that continues the ongoing vehicle replacement, preventive maintenance, systemwide bus farebox replacement, and Federal and non-federal funding to support WMATA's transition to a zero emission bus fleet with a pilot test project at the Shepherds Parkway Garage.

TIP 5856 - Rail System Infrastructure Rehabilitation is a Federal funded program that continues the upgrade of the ATC and traction power projects, and adds Phase 4 of WMATA's Platform Rehabilitation Program, as well as includes funding for leak mitigation, drainage and resiliency improvements, and standpipe replacement programs to address critical replacement and rehabilitation needs for system state of good repair.

TIP 5857 - Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement is a Federal funded program and will continue to support work at Bladensburg, Shepherds Parkway, and Northern Bus Garages for the construction phase in FY2023.

TIP 5859 – **Track and Structures** is a Federal funded program that continues to support the ongoing management of WMATA track rehabilitation and will advance safety critical repairs to aerial structures and rehabilitation of other structural infrastructure (phase 2 of the track and pedestrian bridges projects).

TIP5860 – Passenger Facilities is a Federal funded program that continues the ongoing rehabilitation and replacement of vertical transportation throughout the system, to include station entrance canopies and will support a consistent systemwide approach to the modernization and revitalization of stations with improvements to include CCTV, lighting, fire systems, shelters, platform tile replacement, ADA compliant systems, wayfinding, etc.

TIP 5866 - Rail Yards is a Federal funded program that supports the ongoing construction of the Heavy Rail Overhaul (HRO) facility.

The requested amendment reflects WMATA's FY2023 Proposed Budget and its allocations to capital investments and anticipated Federal funds for FY2023, including Passenger Rail Investment and Improvement Act (PRIIA) funds reauthorized under the Bipartisan Infrastructure Law (BIL). WMATA is cognizant that additional Federal funds available for obligation are dictated by the continuing resolution, and WMATA may require further TIP modifications once full funding is available from FTA for the Infrastructure Investment and Jobs Act. To that end, please ensure that all TIP materials refer to WMATA's budget as proposed and is simultaneously under public review and is subject to change based on the final board adopted budget and/or final allocation of Federal funds

available to WMATA.

The proposed amendment does not add additional capacity for motorized vehicles and does not require air quality conformity analysis. The FY2023 Proposed Budget presents an opportunity for WMATA to advance capital investments and represents our commitment to improve safety and reliability of the public transit system for the Nation's Capital.

WMATA hereby requests the Transportation Planning Board Steering Committee consider this amendment for approval at its March 4th, 2022 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 Bailey
Director, Funds and Grants Management
Office of Capital and Financial Management
Department of Strategy, Planning and Program Management
Washington Metropolitan Area Transit Authority

Attachments

1) Attachment A – Revised WMATA TIP Amendment Request

FY23 CIP PROJECT SOURCES OF FUNDS

Attachment A-1 (In Millions)

TIP ID	Category	TIP Sub-Category	Federal 5307 Grants		Federal 5339 Grants	Federal PRIIA Grants	Federal 5339b Grants	VA CMAQ
5853		Rail Cars - Replacement, Rehabilitation & Enhancements	-	102.91	-	-	-	-
5854	A. Vehicles / Vehicle Parts	Buses - Replacement, Rehabilitation & Enhancements	111.10	-	14.38	-	10.25	3.23
5855		Access & Service Vehicles	3.60	-	-	-	-	-
	B. Rail System Infrastructure Rehabilitation	Rail System Infrastructure Rehabilitation	-	-	-	204.80	-	-
5857		Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	79.47	-	-	-	-	-
5866	C. Maintenance Facilities	Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	-	32.25	-	-	-	-
5867		Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support	-	-	-	6.40	-	-
5858	D. Systems and Technology	Systems and Technology	-	-	-	-	-	-
5859	E. Track and Structures	Track and Structures	-	34.80	-	27.20	-	-
5860	F. Passenger Facilities	Passenger Facilities	16.17	17.82	-	48.60	-	-
5861	G. Maintenance Equipment	Maintenance Equipment	-	-	-	-	-	-
5862	H. Other Facilities	Other Facilities	-	-	-	-	-	-
5863	I. Project Managament and Support	Project Management and Support	-	-	-	-	-	-
	Total Capital II	mprovement Plan	210.34	187.78	14.38	287.00	10.25	3.23