

December 13, 2024

Ms. Valeriya Remezova
Division Administrator
Attn: Ms. Jasmine Champion
Federal Highway Administration
Maryland Division
George H. Fallon Federal Building
31 Hopkins Plaza, Suite 1520
Baltimore MD 21201

Ms. Terry Garcia Crews
Regional Administrator
Attn: Mr. Daniel Sommerville
Federal Transit Administration, Region III
1835 Market Street, Suite 1910
Philadelphia PA 19103-2968
Dear Ms. Remezova and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby modifies the Fiscal Year (FY) 2022-2025 Maryland Statewide Transportation Improvement Program (STIP) for three projects contained in the Baltimore Regional Transportation Planning Board (BRTB) FY 2025-2028 Transportation Improvement Program (TIP) on behalf of The Maryland Transit Administration (MTA). These modifications were approved by the BRTB Executive Committee on December 3, 2024.

Project Name	STIP #	Funding Source	FY22-FY25 Net Federal Change (in 000's)
Agencywide System Preservation and Improvement	40-1801-64	5307 5337	10,013 643
Zero Emission Infrastructure and Rolling Stock	40-2302-63	5307	1,903
MARC Rolling Stock Overhauls and Replacement	70-1501-53	CFP	1,000

Ms. Valeriya Remezova
Ms. Terry Garcia Crews
Page Two

The MDOT has assigned Control #22-181 for these modifications to the TIP, and the supporting documentation is attached.

The Maryland Statewide Transportation Improvement Program (STIP) continues to be fiscally constrained. Should you have additional questions or concerns, please contact me at 410-865-1098, toll free 888-713-1414 or via e-mail at djanousek@mdot.maryland.gov.

Sincerely,



Dan Janousek
Regional Planner
Office of Planning, Programming, and Project Delivery (OPPPD)

Attachment

cc: Ms. Kari Snyder, Regional Planner, OPPPD, MDOT
Mr. Shawn Keirnan, Strategic Planner, OPPPD, MDOT



December 3, 2024

Mr. Geoff Anderson, Chief
Office of Planning, Programming, and Delivery
Attn: Mr. Dan Janousek
Maryland Department of Transportation
7201 Corporate Center Drive
Hanover, MD 21076-1415

Dear Mr. Anderson:

Enclosed are three administrative modifications to the 2025-2028 Baltimore Region Transportation Improvement Program (TIP) as approved by the Baltimore Regional Transportation Board (BRTB) Executive Committee on December 3, 2024. The documentation enclosed supports changes to the 2025-2028 TIP for three Maryland Transit Administration (MDOT MTA) administrative modifications.

- **Agencywide System Preservation and Improvement: 40-1801-64**
- **Zero Emission Infrastructure and Rolling Stock: 40-2302-63**
- **MARC Rolling Stock Overhauls and Replacement: 70-1501-53**

These minor changes are within the framework for Administrative Modifications and do not affect the regional conformity determination. MDOT MTA has affirmed that fiscal constraint for their Program of Projects remains intact.

Pursuant to the prescribed Transportation Improvement Program MOU signed in 2014, the BRTB Executive Committee approved these changes to the 2025–2028 TIP.



If you have any questions, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd R. Lang", written over a light blue horizontal line.

Todd R. Lang, Director
Transportation Planning

Enclosures

cc: Ms. Michelle Martin, MDOT
Ms. Kari Synder, MDOT
Mr. Shawn Kiernan, MDOT
Mr. Eric Beckett, MDOT MTA
Ms. Erika Falk, MDOT MTA
Ms. Kisha Joyner, MDOT MTA
Mr. Albert Guiney Engel, MDOT MTA
Ms. Jamie Richardson, MDOT MTA



Summary of FY 2025-2028 TIP Changes

Project Title	TIP Change Reason	Description	Type of Change
Agencywide System Preservation and Improvement 40-1801-64	This administrative modification adds \$12.51 million in 5307 funds (\$10.01M federal/\$2.5M state) and \$804,000 in 5337 funds (\$643K federal/\$161K state) for construction in FY 2025. This funding will cover roof replacements, migration to MD First 700mhz, and rehabilitation and replacement of elevators throughout the system. The total cost increases to \$84.569 million.	This is an ongoing project to rehabilitate agency-wide facilities, systems, and infrastructure. Rehabilitation projects include roofing and pavement for facilities, system network migration and upgrade, and modernization of 40 elevators system wide. In addition to the matching funds listed, MDOT MTA has committed \$58 million in state dollars. Conformity Status: Exempt	Admin Mod



<p>Zero Emission Infrastructure and Rolling Stock 40-2302-63</p>	<p>This administrative modification adds \$2.379 million in 5307 funds (\$1.9M federal/\$0.476M state) in FY 2025 for construction. This funding supports the purchase of six ChargePoint chargers as well as retrofitting the Kirk and Northwest Division to support electric buses. The total project cost increases to \$91.5 million.</p>	<p>The MTA intends to utilize an alternative procurement process for a Contractor/Developer to procure, install, operate & maintain new electric charging infrastructure for both Kirk (100% bus fleet) & Northwest (50% of the bus fleet) bus depots. The selected Contractor will provide turn-key design, installation, implementation, commissioning and operations and management for civil works; provide ongoing services so that the BEBs at both Kirk and Northwest Depots are fully charged at their scheduled morning pull-out times; Provide charge mgt. services to support BEB and EVSE data collection, monitoring the performance of the EVSE, and managing energy use such that MTA can manage the BEBs in an efficient and cost-effective manner. MTA needs to conduct a pilot program to demonstrate the applicability of a Fuel Cell Electric Bus (FCEB) Program to our fixed route transit system and learn the characteristics of these buses prior to MTA's purchase clean battery electric buses.</p> <p>Conformity Status: Exempt</p>	<p>Admin Mod</p>
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<p>MARC Rolling Stock Overhauls and Replacement 70-1501-53</p>	<p>This administrative modification adds \$1 million in community project funding (earmark) with a \$250,000 state match for construction in FY 2025. This funding will assist with the purchase and retrofit of two new MARC locomotives. The total cost increases to \$56.96 million.</p>	<p>This is an ongoing project for the overhaul and replacement of MARC rolling stock. The overhaul of MARC coaches and locomotives is performed in accordance with "10-year minor" and "20-year midlife" schedules and/or the manufacturer's schedule. MARC vehicles will be upgraded with federally-mandated Positive Train Control safety features. In addition to the matching funds listed, MTA has committed \$19.9 million in state dollars.</p> <p>Conformity Status: Exempt</p>	<p>Admin Mod</p>
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Agencywide System Preservation and Improvement

TIP ID	40-1801-64	Year of Operation	Ongoing
Agency	MTA - Transit	Project Type	Preservation and improvements
Project Category	Transit preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	TBD	Est. Total Cost	\$71,248,000

Description:

This is an ongoing project to rehabilitate agency-wide facilities, systems, and infrastructure. Rehabilitation projects include roofing and pavement for facilities, a system network migration and upgrade, system-wide escalators, and modernization of 40 elevators system wide. In addition to the matching funds listed, MDOT MTA has committed \$139 million in state dollars.

Project Benefits:

The associated projects support regional management and operation initiatives to improve service, safety, and assure the preservation of infrastructure agency-wide.

Project Changes:

This administrative modification adds \$12.51 million in 5307 funds (\$10.01M federal/\$2.5M state) and \$804,000 in 5337 funds (\$643K federal/\$161K state) for construction in FY 2025. This funding will cover roof replacements, migration to MD First 700mhz, and rehabilitation and replacement of elevators throughout the system. The total cost increases to \$84.569 million.

Connection to Long-Range Transportation Planning Goals:

- 1.B Improve System Safety -- Adopt relevant state and local plans that seek to reduce transportation related injuries and fatalities
- 2.A Improve and Maintain the Existing Infrastructure -- Preserve and maintain the condition of roadway and transit systems through performance based planning and programming
- 2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops





Agencywide System Preservation and Improvement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -- ORIGINAL

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$6,600	\$1,650	\$0	\$0	\$5,555	\$1,388	\$38,668	\$9,667	\$63,528
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$6,600	\$1,650	\$0	\$0	\$5,555	\$1,388	\$38,668	\$9,667	\$63,528

Congestion Mitigation and Air Quality (CMAQ) -- ORIGINAL

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$55	\$0	\$55	\$0	\$55	\$0	\$55	\$0	\$220
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$55	\$0	\$55	\$0	\$55	\$0	\$55	\$0	\$220



Agencywide System Preservation and Improvement

(Funding in Thousands)

Rebuilding American Infrastructure with Sustainability and Equity (RAISE) -- ORIGINAL

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$6,000	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$6,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$12,655	\$3,150	\$55	\$0	\$5,610	\$1,388	\$38,723	\$9,667	\$71,248



Agencywide System Preservation and Improvement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -- UPDATED

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$16,613	\$4,154	\$0	\$0	\$5,555	\$1,388	\$38,668	\$9,667	\$76,045
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$16,613	\$4,154	\$0	\$0	\$5,555	\$1,388	\$38,668	\$9,667	\$76,045

Section 5337 (State of Good Repair Formula Program) -- NEW

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$643	\$161	\$0	\$0	\$0	\$0	\$0	\$0	\$804
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$643	\$161	\$0	\$0	\$0	\$0	\$0	\$0	\$804



Agencywide System Preservation and Improvement

(Funding in Thousands)

Congestion Mitigation and Air Quality (CMAQ)

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$55	\$0	\$55	\$0	\$55	\$0	\$55	\$0	\$220
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$55	\$0	\$55	\$0	\$55	\$0	\$55	\$0	\$220

Rebuilding American Infrastructure with Sustainability and Equity (RAISE)

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$6,000	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$6,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$23,311	\$11,815	\$55	\$0	\$5,610	\$1,388	\$38,723	\$9,667	\$84,569

TO: DIRECTOR MICHELLE MARTIN
OFFICE OF PLANNING, PROGRAMMING, AND PROJECT DELIVERY
MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)

ATTN: OPCP REGIONAL PLANNER DAN JANOUSEK
OPCP REGIONAL PLANNER KARI SNYDER

FROM: DIRECTOR ERIC BECKETT *Eric Beckett*
OFFICE OF CAPITAL PROGRAMMING AND ASSET MANAGEMENT
MARYLAND TRANSIT ADMINISTRATION (MTA)

DATE: OCTOBER 28, 2024

SUBJECT: REQUEST FOR AN AMENDMENT TO THE FISCAL YEAR 2025-2028
BALTIMORE REGIONAL TRANSPORTATION BOARD (BRTB)
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

PURPOSE OF MEMORANDUM

To request OPCP request BRTB to approve the following TIP amendment and, upon BRTB approval, notify the Federal Transit Administration (FTA) of the amendment to the BRTB FY 2025-FY2028 TIP. This amendment will add \$10,013,000 in 5307 funds, \$643,000 in 5337 funds and \$2,665,000 in state matching funds.

SUMMARY

The MTA requests that the BRTB amend the FY 2025-2028 BRTB TIP to reflect the following action.

TIP	PROJECT	FUNDING TYPE	NEW FUNDING
40-1801-64	Agencywide System Preservation and Improvement	5307	\$10,013,000
		5337	\$ 643,000
		State	\$ 2,665,000

ANALYSIS

The MTA has pre-award authority and is moving forward with obligating the FY 20 and FY 21 5307 grants and the FY 22 5337 grant with this action in FY 25, necessitating the moving of funds from those previous years. Projects included with this allocation and covered on this TIP page include roof replacements at Wabash, West Cold Spring Metro Substation, and the Rogers and Reisterstown Metro Stations; agencywide migration to MD First 700mhz; replacement of the elevators at the Mondawmin Metro station and general rehabilitation of elevators systemwide. This amendment will add \$10,013,000 in 5307 funds, \$643,000 in 5337 funds and \$2,665,000 in state matching funds.

The attached Statewide Transportation Improvement Program (STIP) report documents MDOT's requested amendment with respect to funding for the project above. The requested action will not impact scheduling or funding availability for other projects in the current STIP, which continues to be fiscally constrained.

Please modify the FY2025-2028 BRTB TIP and the FY 2022-2025 STIP to reflect the funding information provided in the attachments. If you have any questions, please do not hesitate to contact Mr. Albert Guiney Engel, MDOT MTA Office of Planning and Capital Programming, at 410-767-3752 or via email at aengel@mdot.maryland.gov.

ATTACHMENTS

- FY 2025-2028 BRTB TIP Project Report
- FY 2022-2025 Maryland STIP Project Report

cc: Mr. Erika Falk, Assistant Manager, Office of Capital Programming and Asset Management, MTA
Ms. Kisha Joyner, Assistant Manager, Capital Programming and Asset Management, MTA
Mr. Albert Guiney Engel, Assistant Manager, Baltimore Project Development, MTA
Ms. Jamie Richardson, Manager, Baltimore Project Development, MTA

Agencywide System Preservation and Improvement

TIP ID #	40-1801-64	Year of Operation	Ongoing
Agency	MTA - Transit	Project Type	Preservation and improvements
Project Category	Transit	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP / CTP Page #	Multiple	Est. Total Cost	\$ 84,569,000

Description	Justification
<p>This is an ongoing project to rehabilitate agency-wide facilities, systems, and infrastructure. Rehabilitation projects include roofing and pavement for facilities, a system network migration and upgrade, system-wide escalators, and modernization of 40 elevators system-wide. In addition to the matching funds listed, MDOT MTA has committed \$139 million in state dollars.</p>	<p>The associated projects support regional management and operation initiatives to improve service, safety, and assure the preservation of infrastructure agency-wide.</p>

Section 5307 Urbanized Area Formula Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY2025 Federal Funds	FY2025 Matching Funds	FY2026 Federal Funds	FY2026 Matching Funds	FY2027 Federal Funds	FY2027 Matching Funds	FY2028 Federal Funds	FY2028 Matching Funds	Estimated Project Total
CON	\$ -	\$ -	\$ 16,613	\$ 4,154	\$ -	\$ -	\$ 5,555	\$ 1,388	\$ 38,668	\$ 9,667	\$ 76,045
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ 16,613	\$ 4,154	\$ -	\$ -	\$ 5,555	\$ 1,388	\$ 38,668	\$ 9,667	\$ 76,045

Section 5337 State of Good Repair Formula Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY2025 Federal Funds	FY2025 Matching Funds	FY2026 Federal Funds	FY2026 Matching Funds	FY2027 Federal Funds	FY2027 Matching Funds	FY2028 Federal Funds	FY2028 Matching Funds	Estimated Project Total
CON	\$ -	\$ -	\$ 643	\$ 161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 804
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ 643	\$ 161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 804

Funding Source(s) Total

	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
Totals	\$ -	\$ -	\$ 23,311	\$ 5,815	\$ 55	\$ -	\$ 5,610	\$ 1,388	\$ 38,723	\$ 9,667	\$ 84,569

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT TIP ID: 40-1801.64

SUMMARY TABLE

Project: Agencywide System Preservation and Improvement	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
	B	Exempt		Federal	State/Local	Total
				\$ 12,655	\$ 3,150	\$ 15,805
	Administration	Area/MPO	CTP Page	Net Funding Change (000s)		
	MTA	BRTB	Multiple	Federal	State/Local	Total
				\$ 10,656	\$ 2,665	\$ 13,321
Description:	This is an ongoing project to rehabilitate agency-wide facilities, systems, and infrastructure. Rehabilitation projects include roofing and pavement for facilities, a system network migration and upgrade, system-wide escalators, and modernization of 40 elevators system-wide. In addition to the matching funds listed, MDOT MTA has committed \$139 million in state dollars.					
Justification:	The associated projects support regional management and operation initiatives to improve service, safety, and assure the preservation of infrastructure agency-wide.					

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria		Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
<input type="checkbox"/> A) Adds new individual projects to the current STIP	Current	Total	\$ -	\$ -	\$ -	\$ -	\$ 15,805
<input checked="" type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change	(000s)	Federal	\$ -	\$ -	\$ -	\$ -	\$ 12,655
<input type="checkbox"/> C) Removes or deletes individual listed project from the STIP		State/Local	\$ -	\$ -	\$ -	\$ -	\$ 3,150
<input type="checkbox"/> D) Other	Proposed	Total	\$ -	\$ -	\$ -	\$ -	\$ 29,126
	(000s)	Federal	\$ -	\$ -	\$ -	\$ -	\$ 23,311
		State/Local	\$ -	\$ -	\$ -	\$ -	\$ 5,815
	Change	Total	\$ -	\$ -	\$ -	\$ -	\$ 13,321
	(000s)	Federal	\$ -	\$ -	\$ -	\$ -	\$ 10,656
		State/Local	\$ -	\$ -	\$ -	\$ -	\$ 2,665



PHASE DETAIL

Current		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600	\$ 1,650	\$ 6,600	\$ 1,650	\$ 8,250
CO	CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55	\$ -	\$ 55	\$ -	\$ 55
CO	RAISE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ 1,500	\$ 6,000	\$ 1,500	\$ 7,500
CO	5337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,655	\$ 3,150	\$ 12,655	\$ 3,150	\$ 15,805

Proposed		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,613	\$ 4,154	\$ 16,613	\$ 4,154	\$ 20,767
CO	CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55	\$ -	\$ 55	\$ -	\$ 55
CO	RAISE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ 1,500	\$ 6,000	\$ 1,500	\$ 7,500
CO	5337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 643	\$ 161	\$ 643	\$ 161	\$ 804
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,311	\$ 5,815	\$ 23,311	\$ 5,815	\$ 29,126

Change		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,013	\$ 2,504	\$ 10,013	\$ 2,504	\$ 12,517
CO	CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	RAISE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	5337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 643	\$ 161	\$ 643	\$ 161	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,656	\$ 2,665	\$ 10,656	\$ 2,665	\$ 13,321

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 23,311	Federal	\$ 44,388	Federal	\$ 67,699
State/Local	\$ -	State/Local	\$ 5,815	State/Local	\$ 11,055	State/Local	\$ 16,870
Total	\$ -	Total	\$ 29,126	Total	\$ 55,443	Total	\$ 84,569



Zero Emission Infrastructure and Rolling Stock

TIP ID	40-2302-63	Year of Operation	Ongoing
Agency	MTA - Transit	Project Type	Preservation and improvements
Project Category	Transit Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	40-2302-63	Est. Total Cost	\$142,069,510

Description:

The MTA intends to utilize an alternative procurement process for a Contractor/Developer to procure, install, operate & maintain new electric charging infrastructure for both Kirk (100% bus fleet) & Northwest (50% bus fleet) bus depots. The selected Contractor will provide turn-key design, installation, implementation, commissioning, operations and mgt. for civil works; provide services so that the BEBs at both Kirk & Northwest Depots are fully charged at their scheduled AM pull-out times; Provide charge mgt. services to support BEB and EVSE data collection, monitoring the performance of the EVSE, & managing energy use such that MTA can manage the BEBs in an efficient, cost-effective manner. MTA needs to conduct a pilot program to show the applicability of a Fuel Cell Electric Bus (FCEB) Program to our fixed route transit system and learn the characteristics of these buses prior to MTA's purchase clean battery electric buses.

Project Benefits:

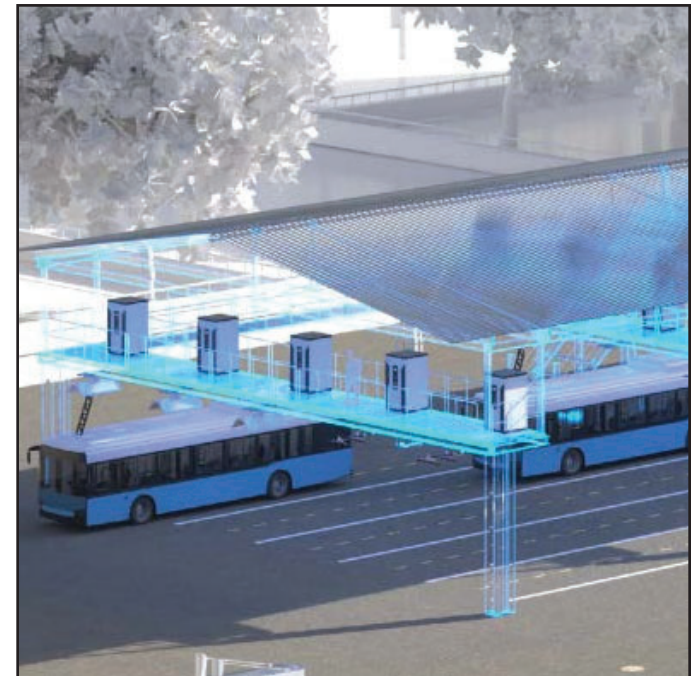
This infrastructure will help grow the economy, enhance U.S. competitiveness, create good jobs, reduce greenhouse gas emissions, support charging locations to accommodate battery electric buses and build a safe, resilient, and equitable transportation future.

Project Changes:

This administrative modification adds \$2.379 million in 5307 funds (\$1.9M federal/\$0.476M state) in FY 2025 for construction. This funding supports the purchase of six ChargePoint chargers as well as retrofitting the Kirk and Northwest Division to support electric buses. The total project cost increases to \$91.5 million.

Connection to Long-Range Transportation Planning Goals:

- 5.C Implement Environmentally Responsible Transportation Solutions -- Reduce Surface Runoff
- 5.D Implement Environmentally Responsible Transportation Solutions -- Reduce energy use of the transportation system





Zero Emission Infrastructure and Rolling Stock

(Funding in Thousands)

Congestion Mitigation and Air Quality (CMAQ)

-- ORIGINAL

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$15,282	\$3,820	\$37,076	\$9,269	\$12,719	\$3,179	\$6,184	\$1,546	\$89,075
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$15,282	\$3,820	\$37,076	\$9,269	\$12,719	\$3,179	\$6,184	\$1,546	\$89,075
Total	\$15,282	\$3,820	\$37,076	\$9,269	\$12,719	\$3,179	\$6,184	\$1,546	\$89,075



Zero Emission Infrastructure and Rolling Stock

(Funding in Thousands)

Congestion Mitigation and Air Quality (CMAQ)

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$15,282	\$3,820	\$37,076	\$9,269	\$12,719	\$3,179	\$6,184	\$1,546	\$89,075
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$15,282	\$3,820	\$37,076	\$9,269	\$12,719	\$3,179	\$6,184	\$1,546	\$89,075

Section 5307 Urbanized Area Formula Program (funding for capital projects) **-- NEW**

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$1,903	\$476	\$0	\$0	\$0	\$0	\$0	\$0	\$2,379
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$1,903	\$476	\$0	\$0	\$0	\$0	\$0	\$0	\$2,379
Total	\$17,185	\$4,296	\$37,076	\$9,269	\$12,719	\$3,179	\$6,184	\$1,546	\$91,454

TO: DIRECTOR MICHELLE MARTIN
OFFICE OF PLANNING, PROGRAMMING, AND PROJECT DELIVERY
MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)

ATTN: OPCP REGIONAL PLANNER DAN JANOUSEK
OPCP REGIONAL PLANNER KARI SNYDER

FROM: DIRECTOR ERIC BECKETT *Eric Beckett*
OFFICE OF CAPITAL PROGRAMMING AND ASSET MANAGEMENT
MARYLAND TRANSIT ADMINISTRATION (MTA)

DATE: OCTOBER 29, 2024

SUBJECT: REQUEST FOR AN ADMINISTRATIVE MODIFICATION TO THE FISCAL
YEAR 2025-2028 BALTIMORE REGIONAL TRANSPORTATION BOARD
(BRTB) TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

PURPOSE OF MEMORANDUM

To request OPCP request BRTB to approve the following TIP administrative modification and, upon BRTB approval, notify the Federal Transit Administration (FTA) of the administrative modification to the BRTB FY 2025-FY2028 TIP. This administrative modification will add \$1,903,000 in 5307 funds and \$476,000 in state match to FY 25.

SUMMARY

The MTA requests that the BRTB take an administrative modification for the FY 2025-2028 BRTB TIP to reflect the following action.

TIP	PROJECT	FUNDING TYPE	NEW FUNDING
40-2302-63	Zero Emission Infrastructure and Rolling Stock	5307	\$1,903,000
		State	\$ 476,000

ANALYSIS

This administrative modification supports the purchase six ChargePoint chargers for the Phillip lot (2) and the Northwest Division (4), as well as retrofitting the Kirk and Northwest Divisions to support electric buses. This administrative modification will add \$1,903,000 in 5307 funds and \$476,000 in state match to FY 25.

The attached Statewide Transportation Improvement Program (STIP) report documents MDOT's requested administrative modification with respect to funding for the project above. The requested action will not impact scheduling or funding availability for other projects in the current STIP, which continues to be fiscally constrained.

Please modify the FY2025-2028 BRTB TIP and the FY 2022-2025 STIP to reflect the funding information provided in the attachments. If you have any questions, please do not hesitate to contact Mr. Albert Guiney Engel, MDOT MTA Office of Planning and Capital Programming, at 410-767-3752 or via email at aengel@mdot.maryland.gov.

ATTACHMENTS

- FY 2025-2028 BRTB TIP Project Report
- FY 2022-2025 Maryland STIP Project Report

cc: Mr. Erika Falk, Assistant Manager, Office of Capital Programming and Asset Management, MTA
Ms. Kisha Joyner, Assistant Manager, Capital Programming and Asset Management, MTA
Mr. Albert Guiney Engel, Assistant Manager, Baltimore Project Development, MTA
Ms. Jamie Richardson, Manager, Baltimore Project Development, MTA

Totals	\$ -	\$ -	\$ 1,903	\$ 476	\$ -	\$ -	\$ 12,719	\$ 3,179	\$ -	\$ -	\$ 18,277
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CMAQ

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY2025 Federal Funds	FY2025 Matching Funds	FY2026 Federal Funds	FY2026 Matching Funds	FY2027 Federal Funds	FY2027 Matching Funds	FY2028 Federal Funds	FY2028 Matching Funds	Estimated Project Total
CON	\$ -	\$ -	\$ 15,282	\$ 3,820	\$ -	\$ -	\$ 37,076	\$ 9,269	\$ 6,184	\$ 1,546	\$ 73,177
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ 15,282	\$ 3,820	\$ -	\$ -	\$ 37,076	\$ 9,269	\$ 6,184	\$ 1,546	\$ 73,177

Funding Source(s) Total

Totals	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	\$ -	\$ -	\$ 17,185	\$ 4,296	\$ -	\$ -	\$ 49,795	\$ 12,448	\$ 6,184	\$ 1,546	\$ 91,454
	\$ -	\$ -	\$ 17,185	\$ 4,296	\$ -	\$ -	\$ 49,795	\$ 12,448	\$ 6,184	\$ 1,546	\$ 91,454

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT TIP ID: 40-2302-63

SUMMARY TABLE

Project: Zero Emission Infrastructure and Rolling Stock	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
	B	Exempt		Federal	State/Local	Total
				\$ 15,282	\$ 3,820	\$ 19,102
	Administration	Area/MPO	CTP Page	Net Funding Change (000s)		
	MTA	BRTB	Multiple	Federal	State/Local	Total
				\$ 1,903	\$ 476	\$ 2,379
Description:	The MTA intends to utilize an alternative procurement process for a Contractor/Developer to procure, install, operate, and maintain a new electric charging infrastructure for Kirk (100% bus fleet) and Northwest (50% of the bus fleet) bus depots. The selected Contractor will provide a turn-key design, installation, implementation, commissioning, and operations and management for civil works; Provide ongoing services such that the BEBs at both Kirk and Northwest Depots are fully charged at their scheduled morning pull-out times; Provide charge management services to support BEB and EVSE data collection, monitoring the performance of the EVSE, and managing energy use such that MTA can manage the BEBs in coordination with the rest of the fleet in an efficient and cost-effective manner. MTA needs to conduct a pilot program to demonstrate the applicability of a Fuel Cell Electric Bus (FCEB) Program to our fixed route transit system and learn the characteristics of these buses prior to MTA's purchase clean battery electric					
Justification:	This infrastructure will help grow the economy, enhance U.S. competitiveness, create good jobs, reduce greenhouse gas emissions, support charging locations to accommodate battery electric buses, and build safe, resilient, and equitable transportation future.					

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria <input type="checkbox"/> A) Adds new individual projects to the current STIP <input checked="" type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change <input type="checkbox"/> C) Removes or deletes individual listed project from the STIP <input type="checkbox"/> D) Other								
	Current (000s)	Total	FY 2022	FY 2023	FY 2024	FY 2025	Total	
		\$ -	\$ -	\$ -	\$ -	\$ 19,102	\$ 19,102	
		Federal	\$ -	\$ -	\$ -	\$ 15,282	\$ 15,282	
		State/Local	\$ -	\$ -	\$ -	\$ 3,820	\$ 3,820	
	Proposed (000s)	Total	FY 2022	FY 2023	FY 2024	FY 2025	Total	
	\$ -	\$ -	\$ -	\$ -	\$ 21,481	\$ 21,481		
	Federal	\$ -	\$ -	\$ -	\$ 17,185	\$ 17,185		
	State/Local	\$ -	\$ -	\$ -	\$ 4,296	\$ 4,296		
Change (000s)	Total	FY 2022	FY 2023	FY 2024	FY 2025	Total		
	\$ -	\$ -	\$ -	\$ -	\$ 2,379	\$ 2,379		
	Federal	\$ -	\$ -	\$ -	\$ 1,903	\$ 1,903		
	State/Local	\$ -	\$ -	\$ -	\$ 476	\$ 476		



PHASE DETAIL

Current		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,282	\$ 3,820	\$ 15,282	\$ 3,820	\$ 19,102
CO	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,282	\$ 3,820	\$ 15,282	\$ 3,820	\$ 19,102

Proposed		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,282	\$ 3,820	\$ 15,282	\$ 3,820	\$ 19,102
CO	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,903	\$ 476	\$ 1,903	\$ 476	\$ 2,379
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,185	\$ 4,296	\$ 17,185	\$ 4,296	\$ 21,481

Change		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,903	\$ 476	\$ 1,903	\$ 476	\$ 2,379
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,903	\$ 476	\$ 1,903	\$ 476	\$ 2,379

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 17,185	Federal	\$ 55,979	Federal	\$ 73,164
State/Local	\$ -	State/Local	\$ 4,296	State/Local	\$ 13,994	State/Local	\$ 18,290
Total	\$ -	Total	\$ 21,481	Total	\$ 69,973	Total	\$ 91,454



MARC Rolling Stock Overhauls and Replacement

TIP ID	70-1501-53	Year of Operation	Ongoing
Agency	MTA - Commuter Rail	Project Type	Fleet improvement
Project Category	Commuter Rail Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	Multiple	Est. Total Cost	\$59,956,000

Description:

This is an ongoing project for the overhaul and replacement of MARC rolling stock. The overhaul of MARC coaches and locomotives is performed in accordance with “10-year minor” and “20-year midlife” schedules and/or the manufacturer’s schedule. MARC vehicles will be upgraded with federally-mandated Positive Train Control safety features. In addition to the matching funds listed, MTA has committed \$19.9 million in state dollars.

Project Benefits:

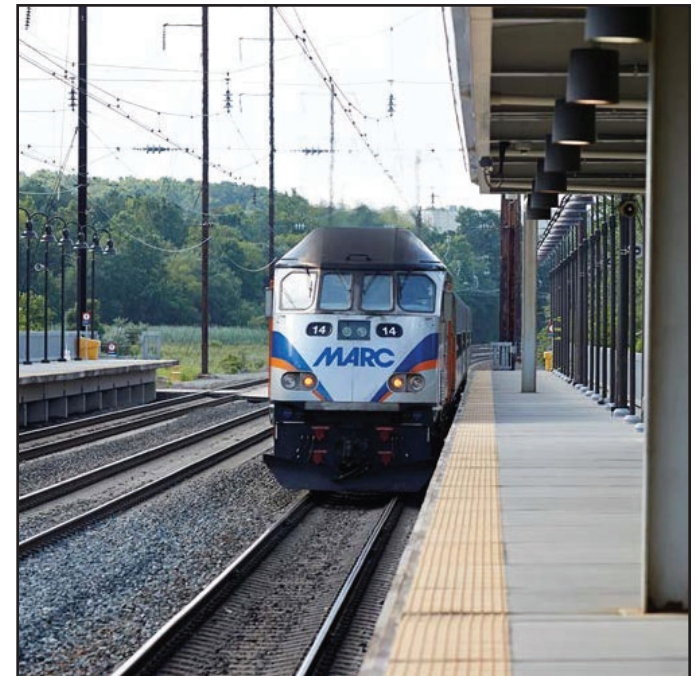
Overhauls will extend the life of mechanical systems and car bodies. This will have the effect of providing safe and reliable vehicles for MARC service while also complying with federally mandated maintenance regulations.

Project Changes:

This administrative modification adds \$1 million in community project funding (earmark) with a \$250,000 state match for construction in FY 2025. This funding will assist with the purchase and retrofit of two new MARC locomotives. The total cost increases to \$56.96 million.

Connection to Long-Range Transportation Planning Goals:

- 1.C Improve System Safety -- Improve safety in all modes through traffic & transit system mgt., communications, governance and policies
- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles
- 6.A Improve System Security -- Provide security-related features at transit facilities or on transit vehicles





MARC Rolling Stock Overhauls and Replacement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -- ORIGINAL

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$218	\$873	\$1,820	\$455	\$5,428	\$1,357	\$4,094	\$1,023	\$15,268
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$218	\$873	\$1,820	\$455	\$5,428	\$1,357	\$4,094	\$1,023	\$15,268

Section 5337 (State of Good Repair Formula Program) -- ORIGINAL

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$5,249	\$1,312	\$2,448	\$9,792	\$11,732	\$2,933	\$7,978	\$1,994	\$43,438
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$64	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$5,249	\$1,312	\$2,448	\$9,792	\$11,732	\$2,933	\$7,978	\$1,994	\$43,438
Total	\$5,467	\$2,185	\$4,268	\$10,247	\$17,160	\$4,290	\$12,072	\$3,017	\$58,706



MARC Rolling Stock Overhauls and Replacement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -- UPDATED

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$218	\$873	\$1,820	\$455	\$5,428	\$1,357	\$4,094	\$1,023	\$15,268
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$218	\$873	\$1,820	\$455	\$5,428	\$1,357	\$4,094	\$1,023	\$15,268

Section 5337 (State of Good Repair Formula Program) -- UPDATED

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$5,249	\$1,312	\$2,448	\$9,792	\$11,732	\$2,933	\$7,978	\$1,994	\$43,438
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$64	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$5,249	\$1,312	\$2,448	\$9,792	\$11,732	\$2,933	\$7,978	\$1,994	\$43,438



MARC Rolling Stock Overhauls and Replacement
(Funding in Thousands)

Community Project Funding -- NEW

Phase	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	FY 2028 Federal Funds	FY 2028 Matching Funds	Total Four-Year Funding Request
CON	\$1,000	\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$1,000	\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250
Total	\$6,467	\$2,435	\$4,268	\$10,247	\$17,160	\$4,290	\$12,072	\$3,017	\$59,956

TO: DIRECTOR MICHELLE MARTIN
OFFICE OF PLANNING, PROGRAMMING, AND PROJECT DELIVERY
MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)

ATTN: OPCP REGIONAL PLANNER KARI SNYDER
OPCP REGIONAL PLANNER DAN JANOUSEK

FROM: DIRECTOR ERIC BECKETT *Eric Beckett*
OFFICE OF CAPITAL PROGRAMMING AND ASSET MANAGEMENT
MARYLAND TRANSIT ADMINISTRATION (MTA)

DATE: OCTOBER 30, 2024

SUBJECT: REQUEST FOR AN ADMENDMENT TO THE FISCAL YEAR 2025-2028
BALTIMORE REGIONAL TRANSPORTATION BOARD (BRTB)
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

PURPOSE OF MEMORANDUM

To request OPCP request BRTB to approve the following TIP amendment and, upon BRTB approval, notify the Federal Transit Administration (FTA) of the amendment to the BRTB FY 2025-FY2028 TIP. This amendment will add \$1,000,000 in Community Project Funding (earmark) and \$250,000 in state match to FY 25.

SUMMARY

The MTA requests that the BRTB amend the FY 2025-2028 BRTB TIP to reflect the following action.

TIP	PROJECT	TYPE	NEW FUNDING
70-1501-53	MARC Rolling Stock Overhauls and Replacement	CPF	\$1,000.000
		State	\$ 250,000

ANALYSIS

The MARC Rolling Stock Overhauls and Replacement project is an ongoing project for the overhaul and replacement of the MARC coaches and locomotives. In 2022, MTA received \$1,000,000 in Community Project Funding to assist with the purchase and retrofit of new MARC locomotives. This amendment will add \$1,000,000 in Community Project Funding (earmark) and \$250,000 in state match to FY 25, the anticipated year of obligation.

The attached Statewide Transportation Improvement Program (STIP) report documents MDOT's requested amendment with respect to funding for the project above. The requested action will not impact scheduling or funding availability for other projects in the current STIP, which continues to be fiscally constrained.

Please amend the FY2025-2028 BRTB TIP and the FY 2022-2025 STIP to reflect the funding information provided in the attachments. If you have any questions, please do not hesitate to contact Mr. Albert Guiney Engel, MDOT MTA Office of Planning and Capital Programming, at 410-767-3752 or via email at aengel@mdot.maryland.gov.

ATTACHMENTS

- FY 2025-2028 BRTB TIP Project Report
- FY 2022-2025 Maryland STIP Project Report

cc: Mr. Erika Falk, Assistant Manager, Office of Capital Programming and Asset Management, MTA
Ms. Kisha Joyner, Assistant Manager, Capital Programming and Asset Management, MTA
Mr. Albert Guiney Engel, Assistant Manager, Baltimore Project Development, MTA
Ms. Jamie Richardson, Manager, Baltimore Project Development, MTA

MARC Rolling Stock Overhauls and Replacement

TIP ID #	70-1501-53	Year of Operation	Ongoing
Agency	MTA - Commuter Rail	Project Type	Fleet Improvement
Project Category	Commuter Rail Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP / CTP Page #	Multiple	Est. Total Cost	\$ 59,956,000

Description	Justification
<p>This is an ongoing project for the overhaul and replacement of MARC rolling stock. The overhaul of MARC coaches and locomotives is performed in accordance with "10-year minor" and "20-year midlife" schedules and/or the manufacturer's schedule. MARC vehicles will be upgraded with federally-mandated Positive Train Control safety features. In addition to the matching funds listed, MTA has committed \$19.9 million in state dollars.</p>	<p>Overhauls will extend the life of mechanical systems and car bodies. This will have the effect of providing safe and reliable vehicles for MARC service while also complying with federally mandated maintenance regulations.</p>

Section 5337 (State of Good Repair Formula Program)

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY2025 Federal Funds	FY2025 Matching Funds	FY2026 Federal Funds	FY2026 Matching Funds	FY2027 Federal Funds	FY2027 Matching Funds	FY2028 Federal Funds	FY2028 Matching Funds	Estimated Project Total
CON	\$ -	\$ -	\$ 5,249	\$ 1,312	\$ 2,448	\$ 9,792	\$ 11,732	\$ 2,933	\$ 7,978	\$ 1,994	\$ 43,438
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ 5,249	\$ 1,312	\$ 2,448	\$ 9,792	\$ 11,732	\$ 2,933	\$ 7,978	\$ 1,994	\$ 43,438

MARC Rolling Stock Overhauls and Replacement

Section 5307 Urbanized Area Formula Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY2025 Federal Funds	FY2025 Matching Funds	FY2026 Federal Funds	FY2026 Matching Funds	FY2027 Federal Funds	FY2027 Matching Funds	FY2028 Federal Funds	FY2028 Matching Funds	Estimated Project Total
CON	\$ -	\$ -	\$ 218	\$ 873	\$ 1,820	\$ 455	\$ 5,428	\$ 1,357	\$ 4,094	\$ 1,023	\$ 15,268
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ 218	\$ 873	\$ 1,820	\$ 455	\$ 5,428	\$ 1,357	\$ 4,094	\$ 1,023	\$ 15,268

Community Project Funding

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY2025 Federal Funds	FY2025 Matching Funds	FY2026 Federal Funds	FY2026 Matching Funds	FY2027 Federal Funds	FY2027 Matching Funds	FY2028 Federal Funds	FY2028 Matching Funds	Estimated Project Total
CON	\$ -	\$ -	\$ 1,000	\$ 250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ 1,000	\$ 250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250

Funding Source(s) Total

Totals	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY2025 Federal Funds	FY2025 Matching Funds	FY2026 Federal Funds	FY2026 Matching Funds	FY2027 Federal Funds	FY2027 Matching Funds	FY2028 Federal Funds	FY2028 Matching Funds	Estimated Project Total
Totals	\$ -	\$ -	\$ 6,467	\$ 2,435	\$ 4,268	\$ 10,247	\$ 17,160	\$ 4,290	\$ 12,072	\$ 3,017	\$ 59,956

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT TIP ID: 70-1501-53

SUMMARY TABLE

Project:	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
MARC Rolling Stock Overhauls and Replacement	B	Exempt		\$ 5,467	\$ 2,185	\$ 7,652
	Administration	Area/MPO	CTP Page	Net Funding Change (000s)		
	MTA	BRTB	Multiple	\$ 1,000	\$ 250	\$ 1,250

Description: This is an ongoing project for the overhaul and replacement of MARC rolling stock. The overhaul of MARC coaches and locomotives is performed in accordance with "10-year minor" and "20-year midlife" schedules and/or the manufacturer's schedule. MARC vehicles will be upgraded with federally-mandated Positive Train Control safety features.

Justification: Overhauls will extend the life of mechanical systems and car bodies. This will have the effect of providing safe and reliable vehicles for MARC service while also complying with federally mandated maintenance regulations.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria	Funding (000s)	FY 2022	FY 2023	FY 2024	FY 2025	Total
		<input type="checkbox"/> A) Adds new individual projects to the current STIP	Current	\$ -	\$ -	\$ -
<input checked="" type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change	Federal	\$ -	\$ -	\$ -	\$ 5,467	\$ 5,467
<input type="checkbox"/> C) Removes or deletes individual listed project from the STIP	State/Local	\$ -	\$ -	\$ -	\$ 2,185	\$ 2,185
<input type="checkbox"/> D) Other	Proposed (000s)	\$ -	\$ -	\$ -	\$ 8,902	\$ 8,902
	Federal	\$ -	\$ -	\$ -	\$ 6,467	\$ 6,467
	State/Local	\$ -	\$ -	\$ -	\$ 2,435	\$ 2,435
	Change (000s)	\$ -	\$ -	\$ -	\$ 1,250	\$ 1,250
	Federal	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,000
	State/Local	\$ -	\$ -	\$ -	\$ 250	\$ 250



PHASE DETAIL

Current		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	5337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,249	\$ 1,312	\$ 5,249	\$ 1,312	\$ 6,561
	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 218	\$ 873	\$ 218	\$ 873	\$ 1,091
	CPF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,467	\$ 2,185	\$ 5,467	\$ 2,185	\$ 7,652

Proposed		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	5337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,249	\$ 1,312	\$ 5,249	\$ 1,312	\$ 6,561
	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 218	\$ 873	\$ 218	\$ 873	\$ 1,091
	CPF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ 250	\$ 1,000	\$ 250	\$ 1,250
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,467	\$ 2,435	\$ 6,467	\$ 2,435	\$ 8,902

Change		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
CO	5337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CPF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ 250	\$ 1,000	\$ 250	\$ 1,250
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ 250	\$ 1,000	\$ 250	\$ 1,250

TOTAL PROJECT COST											
Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)				Balance to Complete (≥ FY 2026)				Total Project Cost	
Federal	\$ -	Federal	\$ 6,467	Federal	\$ 33,500	Federal	\$ -	Federal	\$ -	Federal	\$ 39,967
State/Local	\$ -	State/Local	\$ 2,435	State/Local	\$ 17,554	State/Local	\$ -	State/Local	\$ -	State/Local	\$ 19,989
Total	\$ -	Total	\$ 8,902	Total	\$ 51,054	Total	\$ -	Total	\$ -	Total	\$ 59,956

November 1, 2024

Mr. Todd Lang
Transportation Planning Director
ATTN: Ms. Ndemazea Fonkem
Baltimore Metropolitan Council
1500 Whetstone Way, Suite 300
Baltimore Maryland 21230

Dear Mr. Lang:

The Maryland Department of Transportation (MDOT) requests several amendments and administrative modifications to the FY 2025-2028 Baltimore Regional Transportation Board (BRTB) Transportation Improvement Program (TIP) for the Baltimore Region for December and January actions, and on behalf of the Maryland Transit Administration (MTA). These changes reflect the need to obligate federal formula and discretionary grant funding.

An Amendment will add the Kirk Bus Phase I and II project (TIP ID **40-1203-65**) to the FY 2025-2028 TIP. MTA previously amended this project into the FY 2024-2027 TIP but was not able to obligate the 5307 grants by the end of FY 2024. This amendment will add \$3.96M in 5307 federal funding and \$985K in state matching funds for the project to FY 2025, which is the year of obligation. The total project cost remains \$168.1M.

A modification will add \$10.7M in 5307, 5337 and keep CMAQ federal funding, and \$2.7M in state matching funds to the Agencywide System Preservation and Improvement project (TIP ID **40-1801-64**). This project was originally and primarily funded with RAISE grant funds. Projects included with this allocation and covered on this TIP page include roof replacements at Wabash, West Cold Spring Metro Substation, and the Rogers and Reisterstown Metro Stations; agencywide migration to MD First 700mhz; replacement of the elevators at the Mondawmin Metro station and general rehabilitation of elevators systemwide. The total project cost increases to \$84.6M.

An amendment will add \$23.6M in 5307 and 5337 federal funding and \$5.9M in state matching funds to the Metro and Light Rail Rolling Stock Overhaul and Replacement project (TIP ID **40-1804-63**). This amendment is needed to obligate FY 2020 and FY 2021 5307 grants and the FY 2022 5337 grant. The total project cost increases to \$116.8M.

Mr. Todd Lang
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An amendment will add \$31.8M in 5307 funds, \$4.7 in 5337 funds and \$9.1M in state funds to the Metro and Light Rail System Preservation and Improvement project (TIP ID **40-1805-64**). This amendment is also needed to obligate FY 2020 and FY 2021 5307 grants and the FY 2022 5337 grant in FY 2025. The total project cost increases to \$148.2M.

An amendment will add \$2.7M in 5339 funds, and \$674K in state matching funds in FY 2025 to the Small Urban Transit Systems – Capital project (TIP ID **40-9502-05**). The description of the project will also change to include Baltimore County and Baltimore City in the list of urban transit systems. The total project cost increases to \$4.97M.

An Amendment will add \$24.7M in 5337 funds, \$13.4M in 5307 funds and \$9.5M in state matching funds to the Bus and Rail Preventive Maintenance project (TIP ID **40-1204-64**) in FY 2025. This action will obligate FY 2023 and FY 2024 preventive maintenance grants. The total project cost increases to \$243.3M.

A modification will add \$1,000,000 in Community Project Funding (earmark) and \$250,000 in state match funds to the MARC Rolling Stock Overhauls and Replacement project (TIP ID **70-1501-53**) in FY 2025. In 2022, MDOT received \$1,000,000 in Community Project Funding to assist with the purchase and retrofit of two new MARC locomotives. The total project cost increases to \$59.96M.

The MTA is also requesting a modification to add \$1.9M in 5307 funds and \$476K in state matching funds to the Zero Emission Infrastructure and Rolling Stock project (TIP ID **40-2302-63**) in FY 2025. This administrative modification supports the purchase six ChargePoint chargers for the Phillip lot (2) and the Northwest Division (4), as well as retrofitting the Kirk and Northwest Divisions to support electric buses. The total project cost increases to \$91.5M.

Details of the amendments and the modification are attached. If you have questions or need additional information, please contact me at 410-865-1098, or via email at djanousek@mdot.maryland.gov for assistance.

Sincerely,



Dan Janousek
Regional Planner
Office of Planning, Programming & Project Delivery

Attachment

cc: Ms. Kari Snyder, Regional Planner, OPCP, MDOT