



Maryland Department of Transportation
The Secretary's Office

Larry Hogan
 Governor

Boyd K. Rutherford
 Lt. Governor

Pete K. Rahn
 Secretary

November 21, 2017

Mr. Gregory Murrill
 Division Administrator
 Attn: Dr. Kwame Arhin
 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. Ryan Long
 Federal Transit Administration
 1760 Market Street, Suite 500
 Philadelphia PA 19103

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby modifies the Fiscal Year (FY) 2017 Maryland Statewide Transportation Improvement Program (STIP) to reflect changes to one transit project in the Baltimore region FY 2018-2021 Transportation Improvement Program (TIP).

The Baltimore Regional Transportation Board approved the modification to its TIP on November 8, 2017. MDOT has assigned Control #17-65 for this administrative modification to the STIP. The approvals and supporting documentation are attached.

Project Name	STIP #	TIP #	Funding Source	FY17-21 Net Federal Change in \$1,000
MARC Improvements	70-1502-54	70-1502-54	5307, 5337, 3028	\$4,415

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained.

My telephone number is _____
 Toll Free Number 1-888-713-1414 TTY Users Call Via MD Relay
 7201 Corporate Center Drive, Hanover, Maryland 21076

Mr. Gregory Murrill
Ms. Terry Garcia Crews
Page Two

Should you have additional questions or concerns, please contact me at 410-865-1284, toll free 888-713-1414 or via e-mail at tbyrne@mdot.state.md.us.

Sincerely,



Tyson Byrne
Regional Planning Manager
Office of Planning and Capital Programming

Attachment

Baltimore Metropolitan Council



Offices @ McHenry Row
1500 Whetstone Way, Suite 300
Baltimore, MD 21230-4767

Telephone: (410) 732-0500
Fax: (410) 732-8248
www.baltometro.org

Anne Arundel County
Baltimore City
Baltimore County
Carroll County
Harford County
Howard County

November 8, 2017

Ms. Heather Murphy
Office of Planning & Capital Programming
Attn: Mr. Tyson Byrne
Maryland Department of Transportation
7201 Corporate Center Drive
Hanover, MD 21076-1415

Dear Ms. Murphy:

Enclosed is an Administrative Modification to the *2018 – 2021 Baltimore Region Transportation Improvement Program (TIP)* as approved by the BRTB Executive Committee on November 8, 2017. The documentation enclosed supports changes to the *2018 – 2021 TIP* for one Maryland Transit Administration Project:

- **MARC Improvements (70-1502-54)**

These minor changes are within the framework for an Administrative Modification and do not impact conformity. 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 *2018 – 2021 TIP*.

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

Sincerely,



Todd R. Lang, Director
Transportation Planning

Enclosures

cc: Ms. Laurie Brown, Maryland Transit Administration
Ms. Heather Martin, Maryland Transit Administration

Summary of FY 2018-2021 TIP Changes

Project Title	TIP Change Reason	Description	Type of Change
<p>MARC Improvements: 70-1502-54</p>	<p>This administrative modification adds Section 3028 Commuter Rail Positive Train Control Grant Program funds to FY 2018 in the amount of \$4.72 million federal along with \$1.18 million in matching funds. These funds will be used to implement Positive Train Control for MARC. In addition, FY 2018 Section 5307 and Section 5337 funds decrease in the amounts of \$80,000 federal/\$20,000 matching and \$225,000 federal/\$56,000 matching, respectively. The total project cost increases from \$49.58 million to \$55.099 million, an increase of \$5.519 million.</p>	<p>This project provides funding to implement ongoing improvements derived from the MARC Master Plan and Amtrak/CSX Operating Agreements. Projects include: improvements to the Penn line; improvements to the Brunswick and Camden lines; system-wide parking lot improvements; the design, procurement, and installation of an ADA compliant public address system at all MARC stations on the Brunswick, Camden, and Penn lines; development and implementation of Positive Train Control for MARC (PTC is funded through Section 3028); audio/visual warning system for MARC train approaching; and the collaborative cost-sharing arrangement to advance development of the Northeast corridor infrastructure.</p> <p>In addition to the matching funds listed, MTA has committed \$11.917 million in state dollars.</p>	<p>Admin Mod</p>

MARC Improvements

TIP ID	70-1502-54	Year of Operation	Ongoing
Agency	MTA - Commuter Rail	Project Type	Preservation and improvements
Project Category	Commuter Rail	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	Multiple	Est. Total Cost	\$55,099,000

Description:

This project provides funding to implement ongoing improvements derived from the MARC Master Plan and Amtrak/CSX Operating Agreements. Projects include: improvements to the Penn line; improvements to the Brunswick and Camden lines; system-wide parking lot improvements; the design, procurement, and installation of an ADA compliant public address system at all MARC stations on the Brunswick, Camden, and Penn lines; development and implementation of Positive Train Control for MARC (PTC is funded through Section 3028); audio/visual warning system for MARC train approaching; and the collaborative cost-sharing arrangement to advance development of the Northeast corridor infrastructure.

In addition to the matching funds listed, MTA has committed \$11.917 million in state dollars.

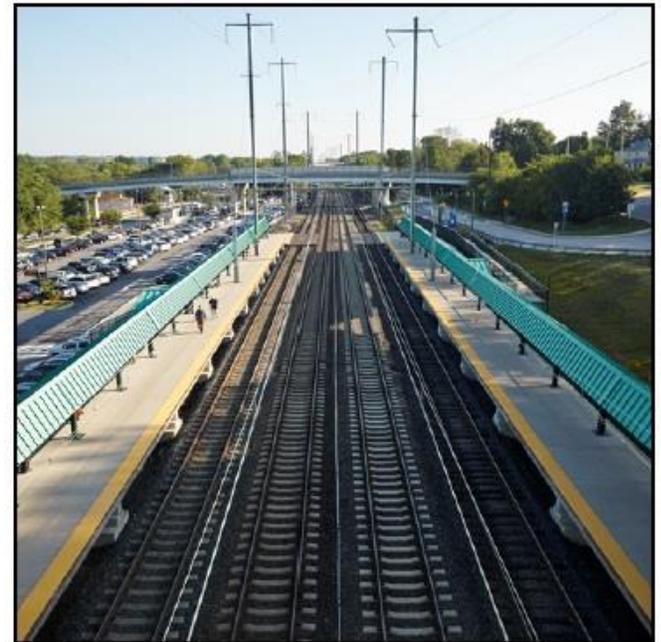
Justification:

Investments in passenger rail corridor infrastructure improvements are necessary to maintain/improve the safety and quality of MARC infrastructure.

Administrative Modification: This administrative modification adds Section 3028 Commuter Rail Positive Train Control Grant Program funds to FY 2018 in the amount of \$4.72 million federal along with \$1.18 million in matching funds. These funds will be used to implement Positive Train Control for MARC. In addition, FY 2018 Section 5307 and Section 5337 funds decrease in the amounts of \$80,000 federal/\$20,000 matching and \$225,000 federal/\$56,000 matching, respectively. The total project cost increases from \$49.58 million to \$55.099 million, an increase of \$5.519 million.

Connection to Long-Range Transportation Planning Goals:

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.
- 3.G Improve Accessibility -- Improve system connectivity and continuity among modes and across boundaries.





MARC Improvements

(Funding in Thousands)

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

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$80	\$20	\$241	\$60	\$1,187	\$297	\$2,412	\$603	\$4,900
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$80	\$20	\$241	\$60	\$1,187	\$297	\$2,412	\$603	\$4,900

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

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$4,329	\$1,082	\$10,322	\$2,581	\$14,958	\$3,739	\$6,135	\$1,534	\$44,680
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$4,329	\$1,082	\$10,322	\$2,581	\$14,958	\$3,739	\$6,135	\$1,534	\$44,680
Total	\$4,409	\$1,102	\$10,563	\$2,641	\$16,145	\$4,036	\$8,547	\$2,137	\$49,580



MARC Improvements

(Funding in Thousands)

Section 3028 (Commuter Rail Positive Train Control Grant Program) **-NEW**

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$4,720	\$1,180	\$0	\$0	\$0	\$0	\$0	\$0	\$5,900
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$4,720	\$1,180	\$0	\$0	\$0	\$0	\$0	\$0	\$5,900

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

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$241	\$60	\$1,187	\$297	\$2,412	\$603	\$4,800
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$241	\$60	\$1,187	\$297	\$2,412	\$603	\$4,800

Section 5337 (State of Good Repair Formula Program) **-UPDATE**

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$4,104	\$1,026	\$10,322	\$2,581	\$14,958	\$3,739	\$6,135	\$1,534	\$44,399
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$4,104	\$1,026	\$10,322	\$2,581	\$14,958	\$3,739	\$6,135	\$1,534	\$44,399
Total	\$8,824	\$2,206	\$10,563	\$2,641	\$16,145	\$4,036	\$8,547	\$2,137	\$55,099



Larry Hogan
Governor

Boyd K. Rutherford
Lt. Governor

Pete K. Rahn
Secretary

Kevin B. Quinn, Jr.
Administrator

TO: MS. HEATHER MURPHY, DIRECTOR
MDOT OFFICE OF PLANNING AND CAPITAL PROGRAMMING

ATTN: MR. TYSON BYRNE, MANAGER
MDOT OFFICE OF PLANNING AND CAPITAL PROGRAMMING

FROM: MS. HOLLY ARNOLD, DIRECTOR *MA PUR*
MTA OFFICE OF PLANNING AND CAPITAL PROGRAMMING

DATE: OCTOBER 26, 2017

SUBJECT: ADMINISTRATIVE MODIFICATION TO THE BALTIMORE REGION
FY 2018-2021 TIP

The MTA is requesting an administrative modification to the Baltimore Region FY 2018-2021 Transportation Improvement Program (TIP) for MARC Improvements, TIP ID 70-1502-54. The MTA requests to add Section 3028 as a funding source for Positive Train Control, an existing project within the TIP. This new funding source will increase the project's federal funding in the amount of \$4.72 million in the Baltimore Region. The proposed action will not impact scheduling or funding availability for other projects in the current TIP, which continues to be fiscally constrained.

After your review, please process the requested administrative modification with the Baltimore region MPO for inclusion in the FY 2018-2021 TIP. If you have any questions, please do not hesitate to contact Ms. Laurie Brown, MTA Office of Planning and Capital Programming, at 410-767-2535 or via email at LBrown9@mta.maryland.gov.

cc: Ms. Kari Snyder, Regional Planner, Office of Planning & Capital Programming, MDOT
Mr. Ian Beam, Regional Planner, Office of Planning & Capital Programming, MDOT

MARC Improvements

TIP ID#	70-1502-54	Year of Operation	Ongoing
Agency	MTA - Commuter Rail	Project Type	Preservation and improvements
Project Category	Commuter Rail	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page #	Multiple	Est. Total Cost	\$ 55,098

Description	Justification
<p>This project provides funding to implement ongoing improvements derived from the MARC Master Plan and Amtrak/CSX Operating Agreements. Projects include: improvements to the Penn line, improvements to Brunswick and Camden lines, system-wide parking lot improvements, the design, procurement, and installation of ADA compliant public address system to all MARC stations on the Brunswick, Camden, and Penn lines, implementation and development of Positive Train Control for MARC, audio/visual warning system for MARC train approaching, and the collaborative cost-sharing arrangement to advance development of the Northeast corridor infrastructure.</p>	<p>Investments in passenger rail corridor infrastructure improvements are necessary to maintain/improve the safety and quality of MARC infrastructure.</p>

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

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Estimated Project Total
CON	\$ -	\$ -	\$ -	\$ -	\$ 241	\$ 60	\$ 1,187	\$ 297	\$ 2,412	\$ 603	\$ 4,799
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ -	\$ -	\$ 241	\$ 60	\$ 1,187	\$ 297	\$ 2,412	\$ 603	\$ 4,799

TIP MODIFICATION/AMENDMENT ANALYSIS

TIP ID: 40-1601-05

BEFORE

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5307	\$ -	\$ 80	\$ 241	\$ 1,187	\$ 2,412	\$ 3,920
Section 5337	\$ -	\$ 4,329	\$ 10,322	\$ 14,958	\$ 6,135	\$ 35,744
Section 3028	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Matching Funds	\$ -	\$ 1,102	\$ 2,641	\$ 4,036	\$ 2,137	\$ 9,916
						\$ 49,580

ADJUSTMENT

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5307	\$ -	\$ (80)	\$ -	\$ -	\$ -	\$ (80)
Section 5337	\$ -	\$ (225)	\$ -	\$ -	\$ -	\$ (225)
Section 3028	\$ -	\$ 4,720	\$ -	\$ -	\$ -	\$ 4,720
Matching Funds	\$ -	\$ 1,104	\$ -	\$ -	\$ -	\$ 1,104
						\$ 5,519

AFTER

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5307	\$ -	\$ -	\$ 241	\$ 1,187	\$ 2,412	\$ 3,840
Section 5337	\$ -	\$ 4,104	\$ 10,322	\$ 14,958	\$ 6,135	\$ 35,519
Section 3028	\$ -	\$ 4,720	\$ -	\$ -	\$ -	\$ 4,720
Matching Funds	\$ -	\$ 2,206	\$ 2,641	\$ 4,036	\$ 2,137	\$ 11,020
						\$ 55,098

% change	11%
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