



Maryland Department of Transportation
The Secretary's Office

Larry Hogan
Governor

Boyd K. Rutherford
Lt. Governor

Pete K. Rahn
Secretary

July 30, 2018

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 amends the Fiscal Year (FY) 2017 Maryland Statewide Transportation Improvement Program (STIP) to reflect changes to the Baltimore Regional Transportation Board (BRTB) transit portion of the Baltimore Region's FY2018 – FY2021 Transportation Improvement Program (TIP).

These amendments reflect a reconciliation of FY 2018 funds. Sections 5337 funds decrease due to a change in FY 2018 apportionments. The BRTB Executive Committee approved these amendments to the Baltimore Region's TIP on July 20, 2018. The MDOT has assigned Control #17-118 for these amendments to the STIP. The approval and supporting documentation are attached.

Project Name	STIP #	TIP #	Funding Category	FY17-20 Net Federal Change (000's)
MARC Facilities	70-1503-55	70-1503-55	5337	(\$6.2)
MARC Rolling Stock Overhauls and Replacement	70-1501-53	70-1501-53	5337	(\$12.5)

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

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

Should you have additional questions or concerns, please contact Mr. Dan Janousek at 410-865-1098, toll free 888-713-1414 or via e-mail at djanousek@mdot.state.md.us. Of course, please feel free to contact me directly.

Sincerely,

A handwritten signature in blue ink that reads "Tyson Byrne". The signature is written in a cursive, flowing style.

Tyson Byrne
Regional Planning Manager
Office of Planning and Capital Programming

Attachment

cc: Mr. Dan Janousek, Regional Planner, OPCP, MDOT



July 20, 2018

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

Dear Ms. Murphy:

Enclosed are two Amendments to the *2018 – 2021 Baltimore Region Transportation Improvement Program (TIP)* as approved by the BRTB Executive Committee on July 20, 2018. The documentation enclosed supports changes to the *2018 – 2021 TIP* for two Maryland Transit Administration projects:

- **MARC Facilities: 70-1503-55**
- **MARC Rolling Stock Overhauls and Replacements: 70-1501-53**

These amendments are due to a reconciliation of FY 2018 funds and should be completed as the fiscal year is closing. The Interagency Consultation Group has determined that these projects are exempt from the requirement to determine conformity according to the Conformity Rule.

MTA has affirmed that fiscal constraint for their program of projects remains intact and has made a commitment to the match required.

Pursuant to the prescribed TIP amendment process 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,

A handwritten signature in black ink that reads "Regina Arbo for TRL". The signature is written in a cursive style.

Todd R. Lang, Director
Transportation Planning

Enclosures

cc: Mr. Jacob Dunkle, Maryland Transit Administration
Ms. Laurie Brown, Maryland Transit Administration



Summary of FY 2018-2021 TIP Changes

Project Title	TIP Change Reason	Description	Type of Change
MARC Facilities: 70-1503-55	This amendment decreases FTA Section 5337 funds by \$6.235 million along with \$1.559 million in matching funds. MTA had initially anticipated obligating the remainder of FFY17 and partial FFY18 apportionments in FY 2018, but will now only obligate FFY17 funds in FY 2018. Total funding in the TIP decreases from \$34.4 million to \$26.606 million.	<p>1) Procure Riverside Maintenance Facility, which CSXT has offered to sell to MTA. Maintenance activities for equipment on the MARC Camden Line would then be under direct control of MARC. MTA & CSX are jointly working with MDE to remediate hazardous material contamination.</p> <p>2) BWI - Comprehensive structural inspection of garages 1 & 2, w/ design & construction of recommended structural repairs and repairs to mechanical, plumbing, fire protection and electrical systems & elevators.</p> <p>3) West Baltimore Station Improvements Phase I - Make improvements to the existing West Baltimore MARC Station to allow for barrier free access & to make it ADA compliant by installing a pedestrian plaza, elevators, wayside lifts & platform improvements.</p> <p>4) MARC Martin State Airport - Purchase private property & construct 2 additional storage tracks.</p> <p>Conformity Status: Exempt</p>	Amendment
MARC Rolling Stock Overhauls and Replacement: 70-1501-53	This amendment decreases FTA Section 5337 funds by \$12.564 million along with \$3.14 million in matching funds. MTA had initially anticipated obligating the remainder of FFY17 and partial FFY18 apportionments in FY 2018, but will now only obligate FFY17 funds in FY 2018. Total funding in the TIP decreases from \$35.758 million to \$20.054 million.	<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 million in state dollars.</p> <p>Conformity Status: Exempt</p>	Amendment

MARC Facilities

TIP ID	70-1503-55	Year of Operation	2021
Agency	MTA - Commuter Rail	Project Type	Rehabilitation of facilities
Project Category	Commuter Rail	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	Multiple	Est. Total Cost	\$62,822,000

Description:

- 1) Procure Riverside Maintenance Facility, which CSXT has offered to sell to MTA. Maintenance activities for equipment on the MARC Camden Line would then be under direct control of MARC. MTA & CSX are jointly working with MDE to remediate hazardous material contamination.
- 2) BWI - Comprehensive structural inspection of garages 1 & 2, w/ design & construction of recommended structural repairs and repairs to mechanical, plumbing, fire protection and electrical systems & elevators.
- 3) West Baltimore Station Improvements Phase I - Make improvements to the existing West Baltimore MARC Station to allow for barrier free access & to make it ADA compliant by installing a pedestrian plaza, elevators, wayside lifts & platform improvements.
- 4) MARC Martin State Airport - Purchase private property & construct 2 additional storage tracks.

Justification:

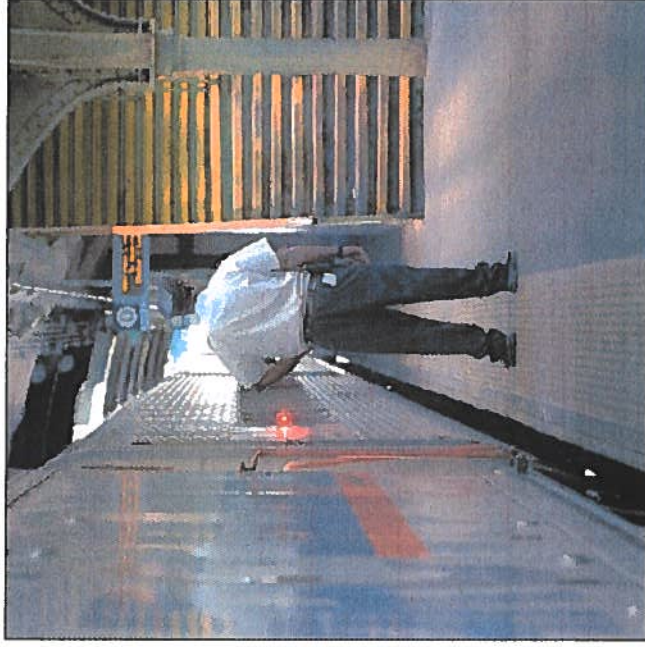
- 1) Space needed in the Baltimore region for MARC train maintenance and storage.
- 2) Repairs will extend the useful life of the garages and support continued ridership on the MARC system from this location.
- 3) This will improve bus transit connections, upgrade pedestrian access, support community-wide accessibility, and provide connectivity to the Light Rail.
- 4) Space needed in the Baltimore region for MARC train maintenance and storage.

Note: In addition to the matching funds listed, MTA has committed \$2.1 million in state dollars.

Amendment: This amendment decreases FTA Section 5337 funds by \$6.235 million along with \$1.559 million in matching funds. MTA had initially anticipated obligating the remainder of FFY17 and partial FFY18 apportionments in FY 2018, but will now only obligate FFY17 funds in FY 2018. Total funding in the TIP decreases from \$34.4 million to \$26.606 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. B Improve Accessibility -- Improve ADA-related conditions for pedestrians / transit riders.





MARC Facilities

(Funding in Thousands)

Section 5337 (State of Good Repair Formula Program) ORIGINAL

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds
CON	\$6,235	\$1,559
OTH	\$0	\$0
PE	\$0	\$0
PP	\$0	\$0
ROW	\$0	\$0
Subtotal	\$6,235	\$1,559

Total	\$6,235	\$1,559
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	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	\$774	\$194	\$10,866	\$2,717	\$9,644	\$2,411	\$34,400
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$774	\$194	\$10,866	\$2,717	\$9,644	\$2,411	\$34,400
Total	\$774	\$194	\$10,866	\$2,717	\$9,644	\$2,411	\$34,400

Section 5337 (State of Good Repair Formula Program) UPDATE

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds
CON	\$0	\$0
OTH	\$0	\$0
PE	\$0	\$0
PP	\$0	\$0
ROW	\$0	\$0
Subtotal	\$0	\$0

Total	\$0	\$0
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	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	\$774	\$194	\$10,866	\$2,717	\$9,644	\$2,411	\$26,606
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$774	\$194	\$10,866	\$2,717	\$9,644	\$2,411	\$26,606
Total	\$774	\$194	\$10,866	\$2,717	\$9,644	\$2,411	\$26,606

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	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	Multiple	Est. Total Cost	\$20,054,000

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 million in state dollars.

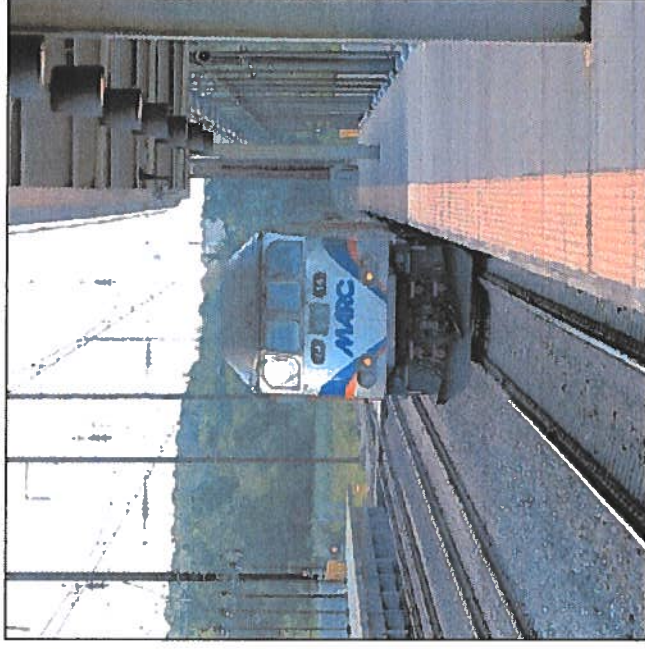
Justification:

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.

Amendment: This amendment decreases FTA Section 5337 funds by \$12.564 million along with \$3.14 million in matching funds. MTA had initially anticipated obligating the remainder of FFY17 and partial FFY18 apportionments in FY 2018, but will now only obligate FFY17 funds in FY 2018. Total funding in the TIP decreases from \$35.758 million to \$20.054 million.

Connection to Long-Range Transportation Planning Goals:

2.C Improve and Maintain the Existing Infrastructure – Maintain/replace transit vehicles.





MARC Rolling Stock Overhauls and Replacement

(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	\$0	\$0	\$0	\$0	\$1,610	\$402	\$75	\$19	\$2,106
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	\$0	\$0	\$1,610	\$402	\$75	\$19	\$2,106

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	\$20,902	\$5,225	\$4,304	\$1,076	\$488	\$122	\$1,228	\$307	\$33,652
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	\$20,902	\$5,225	\$4,304	\$1,076	\$488	\$122	\$1,228	\$307	\$33,652
Total	\$20,902	\$5,225	\$4,304	\$1,076	\$2,098	\$524	\$1,303	\$326	\$35,758



MARC Rolling Stock Overhauls and Replacement

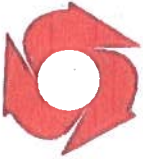
(Funding in Thousands)

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

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	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$1,610	\$402	\$75	\$19	\$75	\$19	\$2,106
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$1,610	\$402	\$75	\$19	\$75	\$19	\$2,106

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	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$8,338	\$2,085	\$4,304	\$1,076	\$488	\$122	\$1,228	\$307	\$1,228	\$307	\$17,948
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$8,338	\$2,085	\$4,304	\$1,076	\$488	\$122	\$1,228	\$307	\$1,228	\$307	\$17,948
Total	\$8,338	\$2,085	\$4,304	\$1,076	\$2,098	\$524	\$1,303	\$326	\$1,303	\$326	\$20,054



Maryland Department of Transportation
The Secretary's Office

Larry Hogan
Governor

Boyd K. Rutherford
Lt. Governor

Pete K. Rahn
Secretary

July 10, 2018

Mr. Todd R. Lang
Transportation Planning Director
ATTN: Mr. Zach Kaufman
Offices @ McHenry Row
1500 Whetstone Way, Suite 300
Baltimore, Maryland 21230

Dear Mr. Lang:

The Maryland Department of Transportation (MDOT) is requesting amendments to the FY 2018-2021 Baltimore Region Transportation Improvement Program (TIP). The purpose of these amendments is to reflect changes in Section 5337 (TIP IDs #70-1503-55 & #70-1501-53), for Federal funding for transit projects in FY 2018.

Details of these amendments can be found on the attached request memorandum and Transportation Improvement Program documentation. The MDOT assures that these changes do not adversely affect the fiscal constraint of the TIP.

If you have questions or need additional information, please contact Dan Janousek, Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1098, or via email at djanousek@mdot.state.md.us for assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Tyson Byrne".

Mr. Tyson Byrne, Regional Planning Manager
Office of Planning and Capital Programming

Attachment

cc: Mr. Dan Janousek, Regional Planner, OPCP, MDOT


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



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 
MTA OFFICE OF PLANNING AND CAPITAL PROGRAMMING

DATE: July 5, 2018

SUBJECT: Amendment to the BRTB FY 2018-2021 TIP

The MTA is requesting an amendment to the BRTB FY 2018-2021 TIP. MTA will decrease Section 5337 Federal Funding in the amount of \$6.2M in SFY18 for MARC Facilities, TIP ID# 70-1503-55. Additionally, MTA will decrease Section 5337 Federal Funding in the amount of \$12.6M in SFY18 for MARC Rolling Stock Overhaul and Replacement, TIP ID#70-1501-53.

MTA had initially anticipated obligating the remainder of FFY17 and partial FFY18 apportionments in SFY18; however, due to the late fiscal year apportionment announcement by FTA, MTA will only obligate FFY17 funds in SFY18. The full FFY18 apportionment will be obligated in SFY19 and is reflected in the 2019-2022 draft TIP.

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 amendment for inclusion in the BRTB FY 2018-2021 TIP. If you have any questions, please do not hesitate to contact Mr. Jacob Dunkle, MTA Office of Planning and Capital Programming, at 410-767-3633 or via email at JDunkle@mta.maryland.gov.

cc: Mr. Ian Beam, Regional Planner, Office of Planning & Capital Programming, MDOT and Mr. Dan Janousek, Regional Planner, Office of Planning & Capital Programming, MDOT

MARC Facilities

TIP ID#	70-1503-55	Year of Operation	2021
Agency	MTA - Commuter Rail	Project Type	Rehabilitation of facilities
Project Category	Commuter Rail	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page #	Multiple	Est. Total Cost	\$28,705,000

Description	Justification
<p>1) Procure Riverside Maintenance Facility, which CSXT has offered to sell to MTA. Maintenance activities for equipment on the MARC Camden Line would then be under direct control of MARC. MTA & CSX are jointly working with MDE to remediate hazardous material contamination.</p> <p>2) BW1 - Comprehensive structural inspection of garages 1 & 2, w/ design & construction of recommended structural repairs and repairs to mechanical, plumbing, fire protection and electrical systems & elevators.</p> <p>3) West Baltimore Station Improvements Phase I - Make improvements to the existing West Baltimore MARC Station to allow for barrier free access & make it ADA compliant by installing a pedestrian plaza, elevators, wayside lifts & platform improvements.</p> <p>4) MARC Martin State Airport - Purchase private property & construct 2 additional storage tracks.</p>	<p>1) Baltimore region space needed for MARC train maintenance and storage.</p> <p>2) Repairs will extend the useful life of the garages and support continued ridership on the MARC system from this location.</p> <p>3) This will improve bus transit connections, upgrade pedestrian access, widen community wide accessibility, and provide connectivity to the Light Rail.</p> <p>4) Baltimore region space needed for MARC train maintenance and storage.</p> <p>Note: In addition to the matching funds listed, MTA has committed \$2.1 million in state dollars.</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	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	\$ -	\$ -	\$ -	\$ -	\$ 774	\$ 194	\$ 10,866	\$ 2,717	\$ 9,644	\$ 2,411	\$ 26,605
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ -	\$ -	\$ 774	\$ 194	\$ 10,866	\$ 2,717	\$ 9,644	\$ 2,411	\$ 26,605

MARC Facilities

Funding Source(s) Total

	Previous Requests	Annual Element	Federal Funding Requests (\$000)		Project Totals
Totals	\$ -	\$ -	\$ 774	\$ 194	\$ 26,605

TIP MODIFICATION/AMENDMENT ANALYSIS

TIP ID: 70-1503-55

BEFORE

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5337	\$ -	\$ 6,235	\$ 774	\$ 10,866	\$ 9,644	\$ 27,519
Matching Funds	\$ -	\$ 1,559	\$ 194	\$ 2,717	\$ 2,411	\$ 6,880
						\$ 34,399

ADJUSTMENT

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5337	\$ -	\$ (6,235)	\$ -	\$ -	\$ -	\$ (6,235)
Matching Funds	\$ -	\$ (1,559)	\$ -	\$ -	\$ -	\$ (1,559)
						\$ (7,794)

AFTER

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5337	\$ -	\$ -	\$ 774	\$ 10,866	\$ 9,644	\$ 21,284
Matching Funds	\$ -	\$ -	\$ 194	\$ 2,717	\$ 2,411	\$ 5,321
						\$ 26,605

% Change -29%

MARC Rolling Stock Overhaul and Replacement

TIP ID#	70-1501-53	Year of Operation	Ongoing
Agency	MTA - Commuter Rail	Project Type	Fleet improvement
Project Category	Commuter Rail	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page #	Multiple	Est. Total Cost	\$20,051,875

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.</p> <p>Note: In addition to matching funds listed, MTA has committed \$19 million in state dollars.</p>	<p>Overhauls will extend the life cycle 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	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	\$ -	\$ -	\$ 8,338	\$ 2,085	\$ 4,304	\$ 1,076	\$ 488	\$ 122	\$ 1,228	\$ 307	\$ 17,946	
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Totals	\$ -	\$ -	\$ 8,338	\$ 2,085	\$ 4,304	\$ 1,076	\$ 488	\$ 122	\$ 1,228	\$ 307	\$ 17,946	

MARC Rolling Stock Overhaul and Replacement

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	Estimated Project Total
CON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,610	\$ 402	\$ 75	\$ 19	\$ 2,106	\$ 2,106
OTH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,610	\$ 402	\$ 75	\$ 19	\$ 2,106	\$ 2,106

Funding Source(s) Total

Totals	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	Estimated Project Total
\$ -	\$ -	\$ -	\$ 8,338	\$ 2,085	\$ 4,304	\$ 1,076	\$ 2,097	\$ 524	\$ 1,303	\$ 326	\$ 20,052	\$ 20,052

TIP MODIFICATION/AMENDMENT ANALYSIS

TIP ID: 70-1501-53

BEFORE

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5307	\$ -	\$ -	\$ -	\$ 1,610	\$ 75	\$ 1,685
Section 5337	\$ -	\$ 20,902	\$ 4,304	\$ 488	\$ 1,228	\$ 26,921
Matching Funds	\$ -	\$ 5,225	\$ 1,076	\$ 524	\$ 326	\$ 7,151
						\$ 35,756

ADJUSTMENT

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Section 5337	\$ -	\$ (12,564)	\$ -	\$ -	\$ -	\$ (12,564)
Matching Funds	\$ -	\$ (3,141)	\$ -	\$ -	\$ -	\$ (3,141)
						\$ (15,704)

AFTER

Funding Category	Previous	FY 2018	FY 2019	FY 2020	FY 2021	Total
Section 5307	\$ -	\$ -	\$ -	\$ 1,610	\$ 75	\$ 1,685
Section 5337	\$ -	\$ 8,338	\$ 4,304	\$ 488	\$ 1,228	\$ 14,357
Matching Funds	\$ -	\$ 2,085	\$ 1,076	\$ 524	\$ 326	\$ 4,010
						\$ 20,052

% Change -78%