

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

**RESOLUTION ON AN AMENDMENT TO THE FY 2017-2022 TRANSPORTATION
IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY
REQUIREMENT TO UPDATE PROJECT AND FUNDING INFORMATION FOR FY 2018 IN ORDER
TO MATCH THE UPDATED WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
FY 2018 CAPITAL BUDGET**

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

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

WHEREAS, on November 16, 2016 the TPB adopted the FY 2017-2022 TIP; and

WHEREAS, in the attached letter of February 8, 2017 WMATA has requested an amendment to the FY 2017-2022 TIP to update funding information and amounts in FY 2018 for thirteen projects to match WMATA's updated FY 2018 Capital Budget, increasing the six-year program total from \$835 million to \$1.2 billion, as described in the attached materials; and

WHEREAS, the proposed changes are exempt from the air quality conformity requirement, as defined in the Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2017-2022 TIP to update funding information and amounts in FY 2018 for thirteen projects to match WMATA's updated FY 2018 Capital Budget, increasing the six-year program total from \$835 million to \$1.2 billion, as described in the attached materials.

Adopted by the Transportation Planning Board at its regular meeting on February 15, 2017.



February 8, 2017

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

RE: Approval of an Amendment to the FY 2017-2022 TIP to Update Project Information for FY 2018 in order to match the FY 2018 Capital Budget of the Washington Metropolitan Area Transit Authority (WMATA)

Dear Chairman Newton:

The region's six-year Transportation Improvement Program (TIP) outlines the schedule for obligating federal funds to state and local projects. The purpose of this amendment is to modify project budgets and sources of funds in the TIP for FY 2018 in order to match those in WMATA's FY 2018 grant applications that will be submitted to the Federal Transit Administration (FTA).

Attachment A is a summary of the proposed FY 2018 project budgets and funding-source information for this TIP amendment. These funding sources include only new federal and local funds and exclude funding that will be carried forward from prior years. Attachment B shows the FY 2018 project budgets that are part of the currently adopted TIP as well as the proposed changes to each budget. The TIP's overall FY 2018 capital program for WMATA would be increased from \$835.0 million to \$1,250.0 million, reflecting the availability of federal, state and local funds, including the federal funds authorized under the Passenger Rail Investment and Improvement Act of 2008 (PRIIA), and the funding to match the federal funds.

WMATA's previous proposed capital program of \$835.0 million for FY18 did not include the following funding sources:

- Issuance of \$286 million of debt. Long Term Financing is accounted for in the CLRP for fiscal years 2015 through 2017, WMATA did not issue debt during those fiscal years and is planning to issue debt in fiscal year 2018 instead. It is also approved in the WMATA's FY17-FY22 Capital Program.
- Funding from the Metropolitan Washington Airports Authority (MWAA) and other local sources in the amount of \$120 million, to pay for railcars. This is included in the Silver Line project agreement between WMATA and

**Washington
Metropolitan Area
Transit Authority**

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

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

*A District of Columbia
Maryland and Virginia
Transit Partnership*

MWAA.

- An FTA Safety Research Grant in the amount of \$2 million, which was awarded in January 2017, and
- Funding received from cellular carriers to fund Radio Infrastructure Replacement in the amount of \$6 million. This is part of the February 2016 Amendment four to the agreement between WMATA and the cellular carriers.

These additional funding sources have impacted all TIP categories, all projects have been adjusted to reflect the additional funding. These TIP projects do not affect the currently approved air quality conformity analysis because these projects are either exempt or not regionally significant in terms of air quality.

WMATA's submission for this FY 2017-2022 TIP amendment is structured into nine major categories, with 13 individual capital programs, as shown in Attachment A. The FY 2017-2022 capital projects and funding levels shown are consistent with the FY 2018-2023 Capital Improvement Program that is scheduled to be approved by the WMATA Board of Directors on March 23, 2017. Prior to approval of the CIP, WMATA will hold public hearings on its proposed operating and capital budgets, including the proposed sources and uses of its capital funds.

In addition to the requirement of consistency with an approved TIP, the FTA requires that agency grant applications match the corresponding State Transportation Improvement Program (STIP) for that agency. WMATA's TIP is considered part of the District of Columbia's STIP. If approved by the Transportation Planning Board, WMATA will request that this amendment be reflected in the District of Columbia's STIP as soon as possible, to enable the FTA review.

WMATA requests that the Transportation Planning Board Steering Committee approve this amendment at its February 15, 2017 meeting.

Sincerely,



Thomas Webster
Managing Director
Office of Management and Budget Services

Attachments

FY18 Proposed TIP
Attachment A
(In Millions)

Category	TIP Sub-Category	FY2018 Total	Federal Grants 5307	Federal Grants 5337	Federal Grants 5339	Federal PRIIA Grants	Federal Grants 5324	VA CMAQ	DHS	Federal Grants 5312	Local Funding	Other Sources Non-Fed
A. Vehicles / Vehicle Parts	Rail Cars - Replacement, Rehabilitation & Enhancements	\$483.0	\$31.0	\$94.2	\$0.0	\$244.2	\$0.0	\$0.0	\$0.0	\$0.0	\$13.9	\$99.8
	Buses - Replacement, Rehabilitation & Enhancements	130.0	90.6	0.0	10.5	0.0	0.0	6.9	0.0	0.0	22.0	0.0
	Access & Service Vehicles	18.5	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
B. Rail System Infrastructure Rehabilitation	Rail System Infrastructure Rehabilitation	170.5	0.0	0.0	0.0	52.8	15.8	0.0	0.0	0.0	2.0	99.9
C. Maintenance Facilities	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	65.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.7
	Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5
	Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support	22.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	5.3	16.3
D. Systems and Technology	Systems and Technology	68.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.5	20.0
E. Track and Structures	Track and Structures	124.4	0.0	89.9	0.0	0.0	0.0	0.0	0.0	2.0	5.3	27.2
F. Passenger Facilities	Passenger Facilities	127.4	45.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.8	44.4
G. Maintenance Equipment	Maintenance Equipment	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.4	0.0
H. Other Facilities	Other Facilities	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
I. Project Management and Support	Project Management and Support	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0
	Total Capital Improvement Plan	\$1,250.0	\$183.7	\$184.0	\$10.5	\$297.0	\$15.8	\$6.9	\$2.0	\$2.0	\$148.2	\$399.8

FY18 Revised Budget
Attachment B
(In Millions)

Category	TIP Sub-Category	Approved FY 2018 TIP		Proposed FY 2018 TIP		% Change
		Budget	Budget	Budget	Budget	
A. Vehicles / Vehicle Parts	Rail Cars - Replacement, Rehabilitation & Enhancements	\$198.2	\$483.0	\$284.8	143.7%	
	Buses - Replacement, Rehabilitation & Enhancements	150.0	\$130.0	(20.0)	-13.3%	
	Access & Service Vehicles	22.9	\$18.5	(4.4)	-19.3%	
B. Rail System Infrastructure Rehabilitation	Rail System Infrastructure Rehabilitation	53.3	\$170.5	117.1	219.6%	
C. Maintenance Facilities	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	38.0	\$65.7	27.7	72.8%	
	Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	13.2	\$26.5	13.2	100.0%	
	Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support	8.3	\$22.5	14.3	171.9%	
D. Systems and Technology	Systems and Technology	76.2	\$68.5	(7.7)	-10.1%	
E. Track and Structures	Track and Structures	79.1	\$124.4	45.3	57.3%	
F. Passenger Facilities	Passenger Facilities	126.3	\$127.4	1.1	0.8%	
G. Maintenance Equipment	Maintenance Equipment	48.7	\$1.4	(47.3)	-97.1%	
H. Other Facilities	Other Facilities	17.2	\$6.1	(11.1)	-64.5%	
I. Project Management and Support	Project Management and Support	3.5	\$5.4	1.9	55.7%	
Total Capital Improvement Plan		\$835.0	\$1,250.0	\$415.0	49.7%	

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5853 Agency ID:		Title: Rail Cars - Replacement, Rehabilitation, Expansion, & Enhancements								
Facility:	Local	0/0/100	11,629 e	5,380 e	13,857 e					19,238
From:	PRIIA	50/0/50	265,887 e	154,860 e	244,189 e	158,438 e	141,875 e			699,361
To:	Sect. 5307	80/0/20	47,093 e		30,979 e					30,979
	Sect. 5337-SGR	80/0/20	76,376 e	110,000 e	94,164 e	1,426 e	36,439 e			242,029
	WIP	0/0/100	10,517 e		99,811 e					99,811
										Total Funds: 1,091,418

Description: Provides funds for:

- a. Replacement of Rail Cars: replacement of the rail fleet, including the 1000-Series and 4000-Series rail cars.
- b. Rehabilitation of Rail Cars: mid-life rehabilitation of rail fleet.
- c. Rail Fleet Expansion: expansion of the rail fleet to meet ridership growth.
- d. Rail Enhancements: enhancements to the rail fleet that improve safety, reliability, and passenger comfort.

TIP ID: 5854 Agency ID:		Title: Buses - Replacement, Rehabilitation, Expansion, & Enhancements								
Facility:	CMAQ	80/0/20	34,252 e	808 e	6,900 e	7,399 e	4,500 e			19,607
From:	Local	0/0/100	6,067 e	900 e	22,000 e	5,211 e	38,483 e			66,593
To:	Sect. 5307	80/0/20	211,013 e	135,326 e	90,552 e	156,046 e	132,212 e			514,136
	Sect. 5337-SGR	80/0/20			0 e	4,283 e	4,283 e			8,566
	Sect. 5339	80/0/20	24,259 e	10,549 e	10,549 e	12,199 e	10,699 e			43,995
										Total Funds: 652,897

Description: Provides funds for

- a. Replacement of Buses: replacement of the bus fleet.
- b. Rehabilitation of Buses: mid-life rehabilitation of the bus fleet.
- c. Bus Enhancements: purchase and/or replacement of equipment that upgrades or enhances the capability of the bus fleet.
- d. Bus Fleet Expansion: expansion of the bus fleet to meet ridership growth.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5855		Agency ID:		Title: MetroAccess and Service Vehicles							
Facility:	Local	0/0/100		760 e		1,487 e	24,319 e				25,806
From:											
To:	Sect. 5307	80/0/20		29,545 e	10,941 e	17,000 e		25,119 e			53,060
	WIP	100/0/0			10,000 e						10,000
Total Funds:											88,866

Description: Provides funds for

a. MetroAccess Vehicles: purchase/ replacement of Metro Access vehicles.

b. Replacement of Service Vehicles: purchase/ replacement of vehicles that will be used Authority-wide for service activities.

TIP ID: 5856		Agency ID:		Title: Rail Line Segment Rehabilitation							
Facility:	Local	0/0/100		46,963 e	8,812 e	1,961 e					10,773
From:											
To:	PRIIA	50/0/50		74,822 e	50,466 e	52,811 e	45,722 e	64,632 e			213,631
	Sect. 5337-SGR	80/0/20		34,149 e	29,005 e		4,873 e				33,878
	Section 5324	75/0/25		8,776 e	9,500 e	15,772 e					25,272
	WIP	0/0/100		17,736 e		99,933 e					99,933
Total Funds:											383,487

Description: Provides funds for rehabilitation of segments of Metrorail system, particularly the Red, Orange and Blue lines.

TIP ID: 5857		Agency ID:		Title: Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement							
Facility:	Local	0/0/100		843 e	1,455 e		11,469 e	8,000 e			20,923
From:											
To:	Sect. 5307	80/0/20		38,149 e	27,470 e		13,032 e	8,500 e			49,001
	Sect. 5337-SGR	80/0/20		11,263 e							
	WIP	0/0/100		941 e	26,871 e	65,745 e					92,616
Total Funds:											162,540

Description: Provides funds for:

a. Rehabilitation and Replacement of Bus Garages: upgrades, rehabilitation, and/or replacement of bus garages and maintenance facilities, including the rehabilitation of the Bladensburg bus facility and the replacement of the Southern Avenue, Royal Street (Cinder Bed Road), Shepard Parkway bus garages.

b. Maintenance of Bus Garages: maintenance of bus garages/maintenance facilities.

c. Expansion of Bus Garages: expansion of bus garages to meet storage and maintenance needs of growing fleet.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5858 Agency ID:		Title: Systems and Technology								
Facility:	Local	0/0/100	162,417 e	50,317 e	48,453 e	58,602 e	61,300 e			218,672
From:										
To:	PRIIA	50/0/50		2,445 e						2,445
	Sect. 5307	80/0/20	16,789 e			2,846 e	10,691 e			13,537
	Sect. 5337-SGR	80/0/20	21,405 e	1,521 e		38,035 e	23,784 e			63,340
	WIP	0/0/100	26,550 e	14,750 e	20,000 e					34,750
Total Funds:										332,744

Description: Provides funds for

- a. Rail Power Systems: upgrade of rail system's power supply.
- b. Operations Support Software: purchase and/or replacement of software that supports the transit system.
- c. Business Support Software & Equipment: purchase and/or replacement of software and equipment that supports the agency's mission.
- d. Rail Fare Equipment: purchase and/or replacement of fare equipment for the transit system.

TIP ID: 5859 Agency ID:		Title: Track and Structures								
Facility:	Local	0/0/100	1,661 e	7,799 e	5,320 e	64 e				13,183
From:										
To:	PRIIA	50/0/50	95,036 e	52,194 e		63,402 e	56,798 e			172,394
	Sect. 5307	80/0/20		10,000 e						10,000
	Sect. 5337-SGR	80/0/20	20,567 c 16,373 e	31,870 e	89,879 e	18,138 e	28,513 e			168,399
	Section 5312	80/0/20			2,000 e					2,000
	WIP	0/0/100			27,247 e					27,247
Total Funds:										393,223

Description: Provides funds for:

- a. Track Rehabilitation: maintain and rehabilitate track and track infrastructure including aerial structures.
- b. Station/Tunnel Rehabilitation: repair of water leaks in stations, vent shafts, air ducts, tunnels, tunnel liners, and other areas in the system.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5860		Agency ID:		Title: Passenger Facilities							
Facility:		ARRA/TIGER	100/0/0	6,703 e							
From:		Local	0/0/100	14,913 e	25,448 e	37,817 e	2,715 e	2,992 e			68,971
To:		PRIIA	50/0/50	47,482 e	43,934 e		32,438 e	36,696 e			113,068
		Sect. 5307	80/0/20	7,028 e		45,206 e	2,741 e	4,643 e			52,590
		Sect. 5309-B	80/0/20	2,923 e							
		Sect. 5317	80/0/20	1,245 e							
		Sect. 5337-SGR	80/0/20	119,479 e	11,647 e		91,065 e	64,644 e			167,356
		WIP	0/0/100		6,761 e	44,380 e					51,141
Total Funds: 453,126											

Description: Provides funds for

- a. Elevator/ Escalator Facilities: rehabilitation of elevator and escalators and expansion of elevator capacity.
- b. Maintenance of Rail Station Facilities: upgrade, rehabilitation, and/or replacement of station area components.
- c. Bicycle/ Pedestrian Facilities: rehabilitation, replacement and expansion of bicycle and pedestrian facilities.
- d. Rail Station Capacity/ Enhancements: expand the capacity of rail stations, improve passenger access, and protect exposed assets.
- e. Bus Priority Corridor Improvements: bus stops, runningway enhancements, street operations management and safety strategies to produce more reliable bus.
- f. Rail Station Equipment: purchase of equipment to be used in rail stations, including police emergency management equipment and other related.

TIP ID: 5861		Agency ID:		Title: Maintenance Equipment							
Facility:		DHS	100/0/0			1,000 e					1,000
From:		Local	0/0/100	5,391 e	802 e	437 e	35,820 e	15,805 e			52,864
To:		PRIIA	50/0/50	31,935 e							
		Sect. 5307	80/0/20	6,212 e							
		Sect. 5337-SGR	80/0/20	7,962 e			9,512 e	12,224 e			21,736
Total Funds: 75,600											

Description: Provides funds for

- a. Rail Maintenance Equipment: purchase and/or replacement of equipment to maintain the rail system.
- b. Bus Repair Equipment: purchase and/or replacement of repair equipment.
- c. Business Facilities Equipment: purchase and/or replacement of equipment that supports the business process of the agency.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5862		Agency ID:		Title: Other Support Facilities							
Facility:		Local	0/0/100	10,503 e	2,564 e	6,099 e	3,284 e	6,100 e			18,047
From:											
To:		Sect. 5307	80/0/20	11,283 e			5,000 e				5,000
		Sect. 5337-SGR	80/0/20	4,423 e			2,555 e				2,555
		WIP	0/0/100	775 e							
Total Funds:											25,601

Description: Provides funds for:

- a. Business Support Facilities: facilities that support business operations functions.
- b. Metro Transit Police Department (MTPD) Support Facilities Rehabilitation: upgrade and rehabilitation of MTPD facilities.
- c. MTPD Support Facilities Expansion: expansion of MTPD to meet new ridership and facility demands, to include the new District 2, police training facility, and special operations division facility.

TIP ID: 5863		Agency ID:		Title: Credit Facility							
Facility:		Local	0/0/100	18,233 e	6,104 e	5,450 e	2,500 e	2,500 e			16,554
From:											
To:		Sect. 5307	80/0/20				1,500 e				1,500
		Sect. 5339	80/0/20					1,500 e			1,500
Total Funds:											19,554

Description: Provides funds to maintain a line of credit to meet cash flow needs.

TIP ID: 5866		Agency ID:		Title: Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement							
Facility:		Local	0/0/100		4,924 e						4,924
From:											
To:		PRIIA	50/0/50	26,793 e	24,076 e						24,076
		Sect. 5337-SGR	80/0/20	442 e							
		WIP	0/0/100			26,459 e					26,459
Total Funds:											55,459

Description: Provides funds for

- a. Maintenance of Rail Yards: maintenance and/or rehabilitation of rail maintenance yards.
- b. Rail Maintenance Facilities: construction and/or replacement of rail maintenance facilities.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5867 Agency ID:		Title: Facilities Maintenance Support – Systemwide Support Equipment, Environmental Compl Projects and Adm Support								
Facility:	DHS	100/0/0	10,613 e	871 e	1,000 e					1,871
From:	Local	0/0/100	48,414 e	7,631 e	5,294 e	6,651 e	7,830 e			27,405
To:	PRIIA	50/0/50	21,071 e							
	Sect. 5307	80/0/20				3,000 e	3,000 e			6,000
	Sect. 5337-SGR	80/0/20	3,519 e							
	WIP	0/0/100	1,185 e		16,253 e					16,253
Total Funds:										51,529

Description: Provides funds for:

- a. Environmental Compliance Projects: facility or equipment upgrades and/or replacements required to comply with environmental regulatory requirements or directives.
- b. Maintenance Bus & Rail Facilities: upgrades, rehabilitation, and/or replacements of systemwide support equipment, financial planning and project administration, to include a new test track, railcar commissioning facility and New Carrollton Yard capacity improvements.