

ITEM 8 – Action
February 21, 2018

Approval to Amend the FY 2017-2022 Transportation Improvement Program (TIP) to Include Project and Funding Updates for FY 2019 In Order to Match the Updated Washington Metropolitan Area Transit Authority FY 2019 Capital Budget

Staff Recommendation: Approve Resolution R14-2018 to amend the FY-2018 the FY 2017-2022 TIP.

Issues: None

Background: WMATA has requested an amendment to update project and funding information in FY 2019 for 13 projects in the WMATA section of the TIP. These projects are already included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP or are exempt from the air quality conformity requirement. On February 2, 2018 the Steering Committee reviewed the amendment and recommended approval.

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 2019 IN ORDER
TO MATCH THE UPDATED WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
FY 2019 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 January 24, 2018 WMATA has requested an amendment to the FY 2017-2022 TIP to update funding information and amounts in FY 2019 for thirteen projects to match WMATA's updated FY 2019 Capital Budget, increasing the six-year program total from \$824 million to \$1,253 million, 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 2019 for thirteen projects to match WMATA's updated FY 2019 Capital Budget, increasing the six-year program total from \$824 million to \$1,253 million, as described in the attached materials.



January 24, 2018

The Honorable Charles Allen
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 2019 in order to align with the FY 2019 Capital Budget of the Washington Metropolitan Area Transit Authority (WMATA)

Dear Chairman Allen:

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 FY2019 in order to align with those in WMATA's FY2019 grant applications that will be submitted to the Federal Transit Administration (FTA).

Attachment A is a summary of the proposed FY2019 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 FY2019 project budgets that are part of the currently adopted TIP as well as the proposed changes to each budget. The TIP's overall FY2019 capital program for WMATA would be increased from \$824.0 million to \$1,253.3 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 FY2019 Proposed Budget calls for increased funding from its government partners, as well as, the following additional funding sources:

- Funding from the Metropolitan Washington Airports Authority (MWAA) and other local sources in the amount of \$32 million, to pay for the Silver Line project, Purple Line project, Union Station reconfiguration, and jurisdictional planning projects.
- An FTA Americans with Disability Act (ADA) Grant in the amount of \$1.5 million to pay for Access vans.
- Funding received from cellular carriers to fund Radio Infrastructure Replacement in the amount of \$8 million. This is part of the February 2016

**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*

Amendment four to the agreement between WMATA and the cellular carriers.

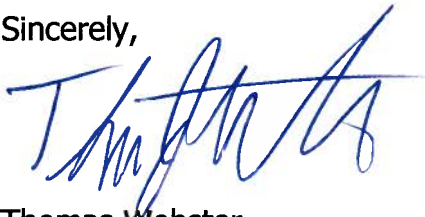
These additional funding sources have impacted all TIP categories, all projects have been adjusted to reflect the additional funding. These TIP projects do not affect the currently approved air quality conformity analysis because these projects are either exempt or not regionally significant in terms 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 2019-2024 Capital Improvement Program that is scheduled to be approved by the WMATA Board of Directors on March 22, 2018. Prior to approval of the CIP, WMATA will hold a public hearing 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 21, 2017 meeting. Thank you for your continued support of WMATA.

Sincerely,



Thomas Webster
Managing Director
Office of Management and Budget Services

Attachments

FY19 Proposed TIP
Attachment A
(In Millions)

Category	TIP Sub-Category	FY2019 Total	Federal 5307 Grants	Federal 5337 Grants	Federal 5339 Grants	Federal PRIIA Grants	Federal 5310 Grants	VA CMAQ	VA RSTP	DHS	Federal 5312 Grants	Local Funding	Other Sources Non-Fed
A. Vehicles / Vehicle Parts	Rail Cars - Replacement, Rehabilitation & Enhancements	\$420.8	0.0	95.0	0.0	235.1	0.0	0.0	0.0	0.0	0.0	89.3	1.3
	Buses - Replacement, Rehabilitation & Enhancements	159.0	126.2	0.0	10.5	0.0	1.5	7.4	0.0	0.0	0.0	13.4	0.0
	Access & Service Vehicles	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0
B. Rail System Infrastructure Rehabilitation	Rail System Infrastructure Rehabilitation	174.3	0.0	10.3	0.0	58.9	0.0	0.0	0.0	0.0	0.0	97.1	8.0
C. Maintenance Facilities	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	30.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
	Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	12.3	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0
	Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	0.0
D. Systems and Technology	Systems and Technology	84.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.3	0.0
E. Track and Structures	Track and Structures	146.5	0.0	76.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.8	0.0
F. Passenger Facilities	Passenger Facilities	184.9	47.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116.2	21.1
G. Maintenance Equipment	Maintenance Equipment	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
H. Other Facilities	Other Facilities	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0
I. Project Management and Support	Project Management and Support	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0
Total Capital Improvement Plan		\$1,253.3	\$188.8	\$181.9	\$10.5	\$297.0	\$1.5	\$7.4	\$0.0	\$0.0	\$0.0	\$535.7	\$30.5

FY19 Revised Budget

Attachment B

(In Millions)

Category	TIP Sub-Category	Approved FY 2019 TIP Budget	Proposed FY 2019 TIP Budget	\$ Change	% Change
A. Vehicles / Vehicle Parts	Rail Cars - Replacement, Rehabilitation & Enhancements	\$159.9	\$420.8	\$260.9	163.2%
	Buses - Replacement, Rehabilitation & Enhancements	185.1	\$159.0	(26.1)	-14.1%
	Access & Service Vehicles	24.3	\$6.6	(17.7)	-72.9%
B. Rail System Infrastructure Rehabilitation	Rail System Infrastructure Rehabilitation	50.6	\$174.3	123.7	244.5%
C. Maintenance Facilities	Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	24.5	\$30.0	5.5	22.4%
	Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement	0.0	\$12.3	12.3	100.0%
	Facilities Maintenance Support - Systemwide Support Equipment, Environmental Compliance Projects, and Administrative Support	9.7	\$21.8	12.2	126.0%
D. Systems and Technology	Systems and Technology	99.5	\$84.3	(15.2)	-15.3%
E. Track and Structures	Track and Structures	81.6	\$146.5	64.9	79.5%
F. Passenger Facilities	Passenger Facilities	129.0	\$184.9	55.9	43.4%
G. Maintenance Equipment	Maintenance Equipment	45.3	\$1.5	(43.8)	-96.7%
H. Other Facilities	Other Facilities	10.8	\$5.8	(5.0)	-46.5%
I. Project Management and Support	Project Management and Support	4.0	\$5.5	1.5	37.5%
Total Capital Improvement Plan		\$824.3	\$1,253.3	\$429.0	52.0%

**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							Complete:		
Facility:	Local	0/0/100	11,629 e	5,380 e	5,600 e	89,348 e				100,328	
From:	PRIIA	50/0/50	265,887 e	154,860 e	247,278 e	235,101 e	141,875 e			779,113	
To:	Sect. 5307	80/0/20	47,093 e		36,438 e					36,438	
	Sect. 5337-SGR	80/0/20	76,376 e	123,049 e	61,006 e	95,000 e	36,439 e			315,494	
	WIP	0/0/100	10,517 e		127,811 e	1,339 e				129,150	

Total Funds: 1,360,524

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.
- e. Preventative Maintenance for railcars

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017-2022 Capital Improvement Program and federal grant applications. For FY2018 funding: increased PRIIA by \$1.089 million, increased Section 5307 by \$5.823 million, decreased Section 5337 by \$5.796 million, and decreased WIP by \$8.089 million.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with approved WMATA FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: decreased Local funding by \$8,257; increased PRIIA \$1,999.8; decreased 5307 \$.337; decreased 5337 \$27,361.3; increased WIP \$36,089.	
Amendment: Amended FY2017 budget to align with WMATA's approved budget	Approved on: 3/29/2017
Increased Section 5337 funding in FY2017 by \$13.049 million. Amended for consistency with approved WMATA FY 2017- 2022 Capital Improvement Program and federal grant applications.	
Modification: Update FY17 Project information	Approved on: 3/1/2017
Increase PRIIA funding in FY 2017 by \$30.511 million.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: increased PRIIA by \$76,663 million, increased Section 5337-SGR by \$93,574 million, added Local funding for \$89,347.5 million and added WIP funding for \$1,339 million.	

**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: 5854	Agency ID:	Title: Buses - Replacement, Rehabilitation, Expansion, & Enhancements								Complete:	
Facility:		CMAQ	80/0/20	34,252 e		4,739 e	7,399 e	4,500 e			16,638
From:		Local	0/0/100	6,067 e	900 e	8,882 e	13,433 e	38,483 e			61,698
To:		RSTP	80/0/20		808 e	2,172 e					2,980
		Sect. 5307	80/0/20	211,013 e	135,326 e	99,252 e	126,187 e	132,212 e			492,978
		Sect. 5310	80/0/20				1,485 e				1,485
		Sect. 5337-SGR	80/0/20					4,283 e			4,283
		Sect. 5339	80/0/20	24,259 e	10,549 e	10,530 e	10,530 e	10,699 e			42,307
		WIP	0/0/100			3,878 e					3,878
Total Funds: 626,246											

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.

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: added RSTP for \$2.172 million, decreased CMAQ by \$2.161 million, increased Section 5307 by \$8.421 million, increased Section 5339 by \$.261million. and decreased Local by \$9.540 million.	
Modification: Update FY2017 Project Information	Approved on: 4/24/2017
Modified for consistency with WMATA FY 2017 Capital Improvement Program and federal grant applications. For FY2017 funding: revised CMAQ fund source for \$.808 to RSTP.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATA's approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: decreased Local \$3,578; increased 5307 \$.279.4; decreased 5339 \$.280.4; added WIP \$3,878.3.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: reduce Section 5307 by \$29,858.8 million reduce Section 5337-SGR by \$4,283 million, add Section 5310 funding for \$1,485 and increase Local funding by \$8,222 million.	

**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							Complete:	
Facility:	Local	0/0/100	760 e		1,487 e	6,000 e				7,487
From:	Sect. 5307	80/0/20	29,545 e	10,941 e	12,391 e		25,119 e			48,452
To:	WIP	0/0/100		10,000 e	2,429 e					12,429
Total Funds:										68,367

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.

Modification: Update FY18 Project Information **Approved on: 8/9/2017**
 Modified for consistency with approved WMATA FY2017-2022 Capital Improvement Program and federal grant applications. For FY2018 funding: decreased Section 5307 by \$2.379 million, and added budget for WIP for \$2.429 million.

Modification: Update FY2018 Project Information **Approved on: 4/13/2017**
 Modified for consistency with approved WMATA FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: decreased Section 5307 funding by \$2,230.

Amendment: Update FY18 Project information **Approved on: 2/15/2017**
 This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.

Amendment: Update FY19 Project Information **Requested on: 2/21/2018**
 Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: decreased Local funding by \$18,319 million.

**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: 5856		Agency ID:		Title: Rail Line Segment Rehabilitation						Complete:	
Facility:	Local	0/0/100	46,963 e	8,812 e	10,596 e	97,130 e					116,538
From:	PRIIA	50/0/50	74,822 e	50,466 e	49,773 e	58,899 e	64,632 e				223,770
To:	Sect. 5307	80/0/20		63,558 e							63,558
	Sect. 5337-SGR	80/0/20	34,149 e	87,383 e	26,754 e	10,250 e					124,387
	Section 5324	75/0/25	21,335 e	6,665 e							6,665
	WIP	0/0/100	17,736 e		43,495 e	8,000 e					51,495
Total Funds: 586,412											

Description: a. Provides funds for rehabilitation of segments of Metrorail system, particularly the Red, Orange and Blue lines.
b. Preventative Maintenance for rail system infrastructure rehabilitation.

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: Local increased by \$8.635 million, PRIIA decrease by \$1.087 million, Section 5337 increased by \$5.390.5 million, and WIP decreased by \$29.601 million.	
Modification: Update Project Information for Section 5324 Funding	Approved on: 5/15/2017
Decrease Section 5324 funding in FY2017 by \$2,835 ; decrease 5324 funding in FY2018 by \$7,072.1 million.; increase Section 5324 previous funding by \$12,559 million. Amended for consistency with total amount awarded for Section for 5324 funding and the grant application.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY2018 funding: added Section 5337 funding for \$21,363; decrease PRIIA \$1,999.8; decreased Section 5324 \$8,699.9; decreased WIP \$26,837.5.	
Amendment: Amend FY2017 budget to align with WMATAs approved budget	Approved on: 3/29/2017
Increased Section 5337 funding by \$58.379 million and added \$63.558 million for Section 5307 for FY2017 funding. Amended for consistency with approved WMATA FY 2017 - 2022 Capital Improvement Program and federal grant applications.	
Modification: Update FY17 Project information	Approved on: 3/1/2017
Increase PRIIA funding in FY 2017 by \$464,000.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: added Local funding for \$97,130 million, added WIP funding for \$8,000 million, increased PRIIA by \$13,177 million, and increased Section 5337 SGR by \$5,377 million.	

**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: 5857 Agency ID:		Title: Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement							Complete:	
Facility:	Local	0/0/100	843 e	1,455 e	2,141 e	15,000 e	8,000 e			26,596
From:	Sect. 5307	80/0/20	38,149 e	27,470 e	1,000 e	15,000 e	8,500 e			51,970
To:	Sect. 5337-SGR	80/0/20	11,263 e							
	WIP	0/0/100	941 e	26,871 e	55,293 e					82,164
Total Funds: 160,730										

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.

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: WIP decreased by \$.325 million and budget for Local was added for \$2.141 million, and \$1.000 million was added for Section 5307.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: decreased WIP funding for by \$10,777.1.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Increased Local funding by \$3,531 million increased Section 5307 by \$1,968 million.	

**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							Complete:		
Facility:	Local	0/0/100	162,417 e	50,317 e	57,940 e	84,305 e	61,300 e			253,861	
From:	PRIIA	50/0/50		2,445 e						2,445	
To:	Sect. 5307	80/0/20	16,789 e				10,691 e			10,691	
	Sect. 5337-SGR	80/0/20	21,405 e	1,521 e			23,784 e			25,304	
	WIP	0/0/100	26,550 e	14,750 e	20,000 e					34,750	
Total Funds:										327,051	

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.

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: decreased Local by \$2.505 million.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: increased Local funding by \$11,951.6.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Decreased Section 5307 by \$2,846 million decreased Section 5337-SGR by \$38,035 million, increased Local funding by \$25,702.5 million.	

**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: 5859 Agency ID:		Title: Track and Structures							Complete:		
Facility:	Local	0/0/100	1,661 e	7,799 e	4,885 e	69,846 e				82,530	
From:	PRIIA	50/0/50	95,036 e	52,194 e			56,798 e			108,992	
To:	Sect. 5307	80/0/20		10,000 e						10,000	
	Sect. 5337-SGR	80/0/20	20,567 c 16,373 e	72,912 e	94,128 e	76,639 e	28,513 e			272,192	
	Section 5312	80/0/20		2,356 e						2,356	
	WIP	0/0/100			33,600 e					33,600	
Total Funds: 509,670											

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.
- c. Preventative Maintenance for track and structures

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: Decreased Local by \$.435 million, increased Section 5337 by \$3.449 million, and decrease WIP by \$2.141 million.	
Modification: Update FY2017 & FY18 Project Information	Approved on: 5/15/2017
Increase Section 5312 funding in FY2017 by \$2,356 million; decrease Section 5312 funding in FY2018 by \$2,000. Amended for consistency with WMATA's Capital Improvement Program and grant applications.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: increased Section 5337 by \$.799.8; and WIP by \$8,223.7.	
Amendment: Amend FY2017 budget to align with WMATAs approved budget	Approved on: 3/29/2017
Increased Section 5337 funding in FY2017 by \$41.042 million. Amended for consistency with approved WMATA FY 2017 - 2022 Capital Improvement Program and federal grant applications. Amended for consistency with approved WMATA FY 2017 - 2022 Capital Improvement Program and federal grant applications.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Increased Section 5337-SGR by \$58,501.1 million, decreased PRIIA by \$63,402 million, increased Local funding by \$69,781.9 million.	

**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								Complete:	
Facility:		ARRA/TIGER	100/0/0	6,703 e							
From:		Local	0/0/100	14,913 e	25,448 e	39,364 e	116,179 e	2,992 e			183,982
To:		PRIIA	50/0/50	47,482 e	43,934 e			36,696 e			80,630
		Sect. 5307	80/0/20	7,028 e		39,634 e	47,564 e	4,643 e			91,841
		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	39,689 e			64,644 e			104,332
		WIP	0/0/100		6,761 e	51,482 e	21,147 e				79,390
											Total Funds: 540,175

Description: Provides funds for

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

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: decreased Local by \$.0615 million, decreased PRIIA by \$7.802 million, increased WIP by \$7.802 million.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: increased Section 5307 by \$2,230.1; decreased Local \$2,161.7; decreased WIP by \$.699.9.	
Amendment: Amend FY2017 budget to align with WMATAs approved budget	Approved on: 3/29/2017
Increase Section 5337 funding for FY2017 by \$28.042 million. Modified for consistency with approved WMATA FY 2017- 2022 Capital Improvement Program and federal grant applications.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Decreased Section 5337-SGR by \$91,06 million, decreased PRIIA by \$32,438 million, increased Section 5307 by \$44,822.9 million, increased Local funding by \$113,463.8 million, added WIP funding for \$21,147 million.	

**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: 5861		Agency ID:		Title: Maintenance Equipment						Complete:		
Facility:	Local	0/0/100	5,391 e	802 e	1,537 e	1,500 e	15,805 e				19,644	
From:	PRIIA	50/0/50	31,935 e									
To:	Sect. 5307	80/0/20	6,212 e									
	Sect. 5337-SGR	80/0/20	7,962 e				12,224 e				12,224	
Total Funds:											31,868	

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.

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: DHS funding was decreased by \$1.000 million and Local was increased by \$1.000 million.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: increased Local funding by \$.0997.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Decreased Section 5337-SGR by \$9,512 million, decreased Local funding by \$34,320 million.	

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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							Complete:	
Facility:	Local	0/0/100	10,503 e	2,564 e	1,982 e	5,800 e	6,100 e			16,446
From:	Sect. 5307	80/0/20	11,283 e							
To:	Sect. 5337-SGR	80/0/20	4,423 e							
	WIP	0/0/100	775 e		3,999 e					3,999
Total Funds:										20,445

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.

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: Local was decreased by \$2.033 million, and WIP was increased by \$1.315 million.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: decreased Local funding by \$2,084 and added funding for WIP for \$2,683.8.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Decreased Section 5307 by \$5,000 million decreased Section 5337-SGR by \$2,555 million, increased Local funding by \$2,516 million.	

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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: 5863		Agency ID:		Title: Credit Facility						Complete:	
Facility:	Local	0/0/100		18,233 e	6,104 e	6,448 e	5,499 e	2,500 e			20,551
From:											
To:	Sect. 5339	80/0/20						1,500 e			1,500
Total Funds: 22,051											

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

Modification: Update FY18 Project Information **Approved on: 8/9/2017**
 Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: Local funding was increased by \$.0198 million.

Modification: Update FY2018 Project Information **Approved on: 4/13/2017**
 Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: increased Local funding by \$.7996.

Amendment: Update FY18 Project information **Approved on: 2/15/2017**
 This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.

Amendment: Update FY19 Project Information **Requested on: 2/21/2018**
 Amended for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Decreased Section 5307 by \$1,500 million increased Local funding by \$2,999 million.

		Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5866		Agency ID:		Title: Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement						Complete:	
Facility:	Local	0/0/100			4,924 e	3,810 e	9,300 e				18,034
From:											
To:	PRIIA	50/0/50		26,793 e	24,076 e		3,000 e				27,076
	Sect. 5337-SGR	80/0/20		442 e							
	WIP	0/0/100				26,459 e					26,459
Total Funds: 71,569											

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.

Modification: Update FY18 Project Information **Approved on: 8/9/2017**
 Modified for consistency with approved WMATA FY 2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018: added \$3.810 million budget for Local.

Amendment: Update FY18 Project information **Approved on: 2/15/2017**
 This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.

Amendment: Update FY19 Project Information **Requested on: 2/21/2018**
 Modified for consistency with approved WMATA FY2017 FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Added \$3,000 million for PRIIA, added \$9,300 million for Local.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
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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								Complete:	
Facility:		DHS	100/0/0	10,613 e	871 e						871
From:		Local	0/0/100	48,414 e	7,631 e	5,904 e	21,809 e	7,830 e			43,173
To:		PRIIA	50/0/50	21,071 e							
		Sect. 5307	80/0/20					3,000 e			3,000
		Sect. 5337-SGR	80/0/20	3,519 e							
		WIP	0/0/100	1,185 e		15,596 e					15,596
Total Funds:											62,640

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.

Modification: Update FY18 Project Information	Approved on: 8/9/2017
Modified for consistency with approved WMATA FY2017 - 2022 Capital Improvement Program and federal grant applications. For FY2018 funding: decreased DHS by \$1.000 million, decreased WIP by \$2.330 million, and increased Local by \$1.744 million.	
Modification: Update FY2018 Project Information	Approved on: 4/13/2017
Modified for consistency with WMATAs approved FY 2018 Capital Improvement Program and federal grant applications. For FY 2018 funding: decreased Local funding by \$1,134.2; added WIP funding for \$1,673.1.	
Amendment: Update FY18 Project information	Approved on: 2/15/2017
This amendment will update FY18 project information to reflect WMATA's FY18 approved budget.	
Amendment: Update FY19 Project Information	Requested on: 2/21/2018
Amended for consistency with approved WMATA FY2017 – FY2022 Capital Improvement Program and Federal grant applications. For FY2019 funding: Decreased Section 5307 by \$3,000 million; increased Local funding by \$15,158 million.	