ITEM 8 – Action

February 15, 2017 Approval to Amend the FY 2017-2022 Transportation Improvement Program (TIP) to Include Project and Funding Updates for FY 2018 in Order to Match the Updated Washington Metropolitan Area Transit Authority FY 2018 Capital Budget

Staff Recommendation:	Approve Resolution R11-2017 to amend the FY 2017-2022 TIP.
Issues:	None
Background:	WMATA has requested an amendment to update project and funding information in FY 2018 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 3, 2017 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 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.



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 fundingsource 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)

		FY2018 Total	Federal 5307 Grants 5	Federal 5337 Grants !	Federal 5339 Grants	Federal PRIIA Grants	Federal 324 Grants	VA CMAQ	DHS	Federal 5312 Grants	Local Funding	Other Sources Non-Fed
A. Verifices / Verificite Farts Enhancerie - Replacer	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 - Replacements Enhancements	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	/ehicles	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 Rail System Infrast 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	9.90
C. Maintenance Facilities Bus Garages - Syste Expansion, Rehabili	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 Mainten Rehabilitation, and Replacement	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 Maintena Support Equipment Projects, and Admi	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	nology	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	res	124.4	0.0	6.68	0.0	0.0	0.0	0.0	0.0	2.0	5.3	27.2
F. Passenger Facilities	55	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	pment	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
1. Project Managament and Support Project Management and Support	ent 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	lan	\$1,250.0	\$183.7	\$184.0	\$10.5	\$297.0	\$15.8	\$6.9	\$2.0	\$2.0	\$148.2	\$399.8

Budget	
.8 Revised	chment B
FΥ1	Attachi

(In Millions)

Category	TIP Sub-Category Apr	Approved FY 2018 TIP Proposed FY 2018 TIP Budget Budget	roposed FY 2018 TIP Budget	\$ Change	% Change
A. Vehicles / Vehicle Parts	Rail Cars - Replacement, Rehabilitation & Enhancements	\$198.2	\$483.0	\$284.8	143.7%
	Buses - Replacement, Rehabilitation &	150.0	\$130.0	(20.0)	-13.3%
	Ennancements Access & Service Vehicles	22.9	\$18.5	(4.4)	-19.3%
B. Rail System Infrastructure	Rail System Infrastructure Rehabilitation	53.3	\$170.5	117.1	219.6%
Kenabilitation					
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	8.3	\$22.5	14.3	171.9%
	Support Equipment, Environmental Compliance Projects, and Administrative Support				
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 Managament and Support	Project Management and Support	3.5	\$5.4	1.9	55.7%
Total Capi	Total Capital Improvement Plan	\$835.0	\$1,250.0	\$415.0	49.7%

				• (• .,•••	- 1					-
	Source	Fed/St/Loc	Previous	FY	FY	FY	FY	FY	FY	Source
			Funding	2017	2018	2019	2020	2021	2022	Total
TIP ID: 5853 Agency ID:	Title: Rail Cars - Re	placement, F	Rehabilitatio	n, Expansion	, & Enhance	ments				
Facility: From:	Local	0/0/100	11,629 e	5,380 e	13,857 e					19,238
To:	PRIIA	50/0/50	265,887 e	154,860 e	244,189 e	158,438 e	141,875 e			699,361
	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 - Repla	cement, R	ehabilitation, I	Expansion, &	Enhanceme	nts		
Facility: From:		CMAQ	80/0/20	34,252 e	808 e	6,900 e	7,399 e	4,500 e	19,607
To:		Local	0/0/100	6,067 e	900 e	22,000 e	5,211 e	38,483 e	66,593
		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.

FY 2017 - 2022

			UAI II		ο (φ.,	~)					
		Source	Fed/St/Loc	Previous	FY	FY	FY	FY	FY	FY	Source
				Funding	2017	2018	2019	2020	2021	2022	Total
TIP ID: 5855	Agency ID:	Title: MetroAcces	s and Service	Vehicles							
Facility: From:		Local	0/0/100	760 e		1,487 e	24,319 e				25,806
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 Segr	nent Rehal	oilitation					
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 ·	Systemwi	de Maintenan	ce, Expansion	n, Rehabilitat	ion, and Re	olacement		
Facility: From:		Local	0/0/100	843 e	1,455 e		11,469 e	8,000 e		20,923
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.

	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: From:	Local	0/0/100	162,417 e	50,317 e	48,453 e	58,602 e	61,300 e			218,672
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 Str	uctures							
Facility: From:		Local	0/0/100	1,661 e	7,799 e	5,320 e	64 e			13,183
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.

Fed/St/Loc Previous FY FY FY FY FY FY Source Source Funding Total 2018 2019 2022 2017 2020 2021 TIP ID: 5860 Agency ID: Title: Passenger Facilities Facility: **ARRA/TIGER** 6.703 e 100/0/0 From: 14.913 e Local 0/0/100 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 I	Equipment						
Facility:		DHS	100/0/0			1,000 e			1,000
From: To:		Local	0/0/100	5,391 e	802 e	437 e	35,820 e	15,805 e	52,864
		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.

		Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5862 A	Agency ID:	Title: Other Suppor	t Facilities								
Facility: From:		Local	0/0/100	10,503 e	2,564 e	6,099 e	3,284 e	6,100 e			18,047
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

FY 2017 - 2022

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 Facili	ty						
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 - S	ystemwide	Maintenance,	Expansion, Rehabilitation and Rep	lacement
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.

FY 2017 - 2022

				σ (iii ψ1,00	~)					
	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 Main	ntenance Su	pport – Syste	emwide Supp	port Equipme	nt, Environi	mental Com	pl Projects	and Adm Su	upport
Facility:	DHS	100/0/0	10,613 e	871 e	1,000 e					1,871
From: To:	Local	0/0/100	48,414 e	7,631 e	5,294 e	6,651 e	7,830 e			27,405
	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
								Т	otal 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.