

**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 January 27, 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 Steering Committee of 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.





January 27, 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,
- Funding from the Metropolitan Washington Airports Authority (MWAA) in the amount of \$120 million,
- An FTA Safety Research Grant in the amount of \$2 million, and
- Funding received from cellular carriers to fund Radio Infrastructure Replacement in the amount of \$6 million.

**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*

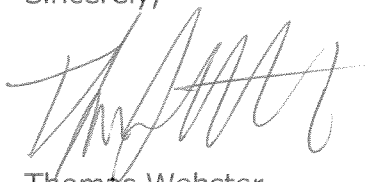
These additional funding sources have impacted all TIP categories, all projects have been adjusted to reflect the additional funding. These TIP projects do not affect the currently approved air quality conformity analysis because these projects are either exempt or not regionally significant in terms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

A handwritten signature in black ink, appearing to read 'Thomas Webster', written over a horizontal line.

Thomas Webster  
Managing Director  
Office of Management and Budget Services

Attachments

**FY18 Revised Budget**  
**Attachment B**  
**(In Millions)**

Category	TIP Sub-Category	Approved FY 2018 TIP		Proposed FY 2018 TIP		% Change
		Budget		Budget	\$ Change	
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%	
<b>Total Capital Improvement Plan</b>		<b>\$835.0</b>	<b>\$1,250.0</b>	<b>\$415.0</b>	<b>49.7%</b>	

**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
	<b>Total Capital Improvement Plan</b>	<b>\$1,250.0</b>	<b>\$183.7</b>	<b>\$184.0</b>	<b>\$10.5</b>	<b>\$297.0</b>	<b>\$15.8</b>	<b>\$6.9</b>	<b>\$2.0</b>	<b>\$2.0</b>	<b>\$148.2</b>	<b>\$399.8</b>

**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
<b>TIP ID: 5853 Agency ID:</b>		<b>Title: Rail Cars - Replacement, Rehabilitation, Expansion, &amp; Enhancements</b>								
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
										<b>Total Funds: 1,091,418</b>

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.

<b>TIP ID: 5854 Agency ID:</b>		<b>Title: Buses - Replacement, Rehabilitation, Expansion, &amp; Enhancements</b>								
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
										<b>Total Funds: 652,897</b>

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	
<b>TIP ID: 5855</b>		<b>Agency ID:</b>		<b>Title: MetroAccess and Service Vehicles</b>								
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	
											<b>Total Funds:</b>	<b>88,866</b>

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.

<b>TIP ID: 5856</b>		<b>Agency ID:</b>		<b>Title: Rail Line Segment Rehabilitation</b>								
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	
											<b>Total Funds:</b>	<b>383,487</b>

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

<b>TIP ID: 5857</b>		<b>Agency ID:</b>		<b>Title: Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement</b>								
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	
											<b>Total Funds:</b>	<b>162,540</b>

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: <b>5858</b> Agency ID:		Title: <b>Systems and Technology</b>								
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
<b>Total Funds:</b>										<b>332,744</b>

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: <b>5859</b> Agency ID:		Title: <b>Track and Structures</b>								
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
<b>Total Funds:</b>										<b>393,223</b>

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
<b>TIP ID: 5860</b>		<b>Agency ID:</b>		<b>Title: Passenger Facilities</b>							
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
											<b>Total Funds: 453,126</b>

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.

<b>TIP ID: 5861</b>		<b>Agency ID:</b>		<b>Title: Maintenance Equipment</b>							
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
											<b>Total Funds: 75,600</b>

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
<b>TIP ID: 5862</b>		<b>Agency ID:</b>		<b>Title: Other Support Facilities</b>							
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							
<b>Total Funds:</b>											<b>25,601</b>

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.

<b>TIP ID: 5863</b>		<b>Agency ID:</b>		<b>Title: Credit Facility</b>							
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
<b>Total Funds:</b>											<b>19,554</b>

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

<b>TIP ID: 5866</b>		<b>Agency ID:</b>		<b>Title: Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement</b>							
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
<b>Total Funds:</b>											<b>55,459</b>

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: <b>Facilities Maintenance Support – Systemwide Support Equipment, Environmental Compl Projects and Adm Support</b>								
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
<b>Total Funds:</b>										<b>51,529</b>

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.