

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 INCLUDE FUNDING FOR ELEVEN TRANSIT PROJECTS, AS REQUESTED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT)**

**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 letters of May 22, VDOT has requested that the FY 2017-2022 TIP be amended to include:

- Adding \$19.8 million in Urbanized Area Formula Program (S. 5307) funding and \$19.1 million in State of Good Repair Grant (S. 5337-SGR) funding between FY 2017 and FY 2019 for the VRE Storage Yards Improvements project (TIP ID 4070);
- Adding \$676,000 in S. 5337-SGR funding between FY 2017 and FY 2018 for the Security Enhancements Systemwide project (TIP ID 4277);
- Adding \$18.4 million in S. 5337-SGR funding between FY 2018 and FY 2020 for the VRE Stations and Facilities project (TIP ID 4310);
- Removing \$10.3 million in FY 2017 and adding \$3.6 million in FY 2018 in Alternatives Analysis (S. 5339) funding, and adding \$3.75 million in S. 5307 funding between FY 2018 and FY 2021 for the PRTC – Bus Acquisition/Preplacement Program (TIP ID 4506);
- Change of funding source for \$3.116 million from S. 5307 to S. 5337-SGR between FY 2017 and FY 2020 for the Rolling Stock Acquisition project (TIP ID 4534);
- Adding \$12 million in S. 5337-SGR funding between FY 2018 and FY 2019 for the Rolling Stock Modifications and Overhauls project (TIP ID 4818);
- Adding \$7.1 million in S. 5339 funding between FY 2017 and FY 2021, adding \$2.1 million in S. 5307 funding between FY 2018 and FY 2021, and removing \$2.6 million in S. 5337-SGR funding between FY 2018 and FY 2021;
- \$600,000 in Congestion Mitigation and Air Quality (CMAQ) program funding in FY 2021 for the Transit Store Funding – Alexandria project (TIP ID 6626);
- \$13.228 million in CMAQ funding and \$11.044 million in Regional Surface Transportation Program (RSTP) funding between FY 2019 and FY 2022 for the Commuter Assistance Program (TIP ID 6627);

- \$2.46 million in CMAQ funding between FY 2019 and FY 2022 for the Fairfax Countywide Transit Stores project (TIP ID 6628); and
- \$1.35 million in CMAQ funding between FY 2019 and FY 2022 for the PRTC Commuter Assistance Program (TIP ID 6629), as described in the attached materials; and

**WHEREAS**, these projects are exempt from the air quality conformity requirement, as defined in 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 include:

- Adding \$19.8 million in S. 5307 funding and \$19.1 million in S. 5337-SGR funding between FY 2017 and FY 2019 for the VRE Storage Yards Improvements project (TIP ID 4070);
- Adding \$676,000 in S. 5337-SGR funding between FY 2017 and FY 2018 for the Security Enhancements Systemwide project (TIP ID 4277);
- Adding \$18.4 million in S. 5337-SGR funding between FY 2018 and FY 2020 for the VRE Stations and Facilities project (TIP ID 4310);
- Removing \$10.3 million in FY 2017 and adding \$3.6 million in FY 2018 in S. 5339 funding, and adding \$3.75 million in S. 5307 funding between FY 2018 and FY 2021 for the PRTC – Bus Acquisition/Preplacement Program (TIP ID 4506);
- Change of funding source for \$3.116 million from S. 5307 to S. 5337-SGR between FY 2017 and FY 2020 for the Rolling Stock Acquisition project (TIP ID 4534);
- Adding \$12 million in S. 5337-SGR funding between FY 2018 and FY 2018 for the Rolling Stock Modifications and Overhauls project (TIP ID 4818);
- Adding \$7.1 million in S. 5339 funding between FY 2017 and FY 2021, adding \$2.1 million in S. 5307 funding between FY 2018 and FY 2021, and removing \$2.6 million in S. 5337-SGR funding between FY 2018 and FY 2021;
- \$600,000 in CMAQ program funding in FY 2021 for the Transit Store Funding – Alexandria project (TIP ID 6626);
- \$13.228 million in CMAQ funding and \$11.044 million in RSTP funding between FY 2019 and FY 2022 for the Commuter Assistance Program (TIP ID 6627);
- \$2.46 million in CMAQ funding between FY 2019 and FY 2022 for the Fairfax Countywide Transit Stores project (TIP ID 6628); and
- \$1.35 million in CMAQ funding between FY 2019 and FY 2022 for the PRTC Commuter Assistance Program (TIP ID 6629), as described in the attached materials.



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive  
Fairfax, VA 22030

Stephen C. Brich, P.E.  
COMMISSIONER

May 23, 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: National Capital Region FY 2017-2022 Transportation Improvement Program Amendments

Dear Mr. Allen:

On behalf of the Potomac & Rappahannock Transportation Commission (PRTC), the Virginia Department of Transportation (VDOT) requests amendments to the FY 2017-2022 Transportation Improvement Program (TIP) to update funding for the following existing TIP projects:

- VRE Storage Yard Improvements (TIP ID 4070, Agency ID VRE0009)
- VRE Stations and Facilities (TIP ID 4310, Agency ID VRE0011)
- VRE Security Enhancements System wide (TIP ID 4277, Agency ID VRE0003)
- VRE Rolling Stock Modifications (TIP ID 4818, Agency ID VRE0001)
- VRE Rolling Stock Acquisition (TIP ID 4534, Agency ID VRE0009)
- PRTC Bus Acquisition/Replacement (TIP ID 4506, Agency ID PRTC0005)
- PRTC Preventive Maintenance (TIP ID 5601, Agency ID PRTC0004).

These funding adjustments represent a net addition of approximately \$33 million to the TIP. Funding for the projects comes from the FTA Section 5307, 5337, 5337 SGR, and 5339 programs, as well as various discretionary grants. More detailed information is included in the attached TPB TIP Tables and PRTC cover letter. All of these projects are included in the adopted CLRP and are consistent with the 2014 CLRP Financial Analysis. The projects are exempt from Air Quality Conformity Analysis requirements. The requested amendments reflect the Commonwealth Transportation Board's latest priorities, cost estimates and funding allocations

Honorable Charles Allen  
May 23, 2018  
Page Two

VDOT requests that these amendments be placed on the agenda of the Transportation Planning Board's Steering Committee at its meeting on June 1, 2018. VDOT's representative will attend the meeting and will be available to answer any questions.

Thank you for your consideration of this request.

Sincerely,

A handwritten signature in blue ink that reads "Helen Cuervo".

Helen Cuervo, P.E., District Administrator  
Northern Virginia District

Cc Ms. Betsy Massie, PRTC  
Ms. Rene'e Hamilton, VDOT  
Ms. Maria Sinner, P.E., VDOT  
Mr. Norman Whitaker, AICP, VDOT



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive  
Fairfax, VA 22030

Stephen C. Brich, P.E.  
COMMISSIONER

May 22, 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: National Capital Region FY 2017-2022 Transportation Improvement Program Amendments related to "Flexing" VDOT Funds to DRPT

Dear Mr. Allen:

On behalf of the Virginia Department of Rail and Public Transportation (DRPT), the Virginia Department of Transportation (VDOT) requests amendments to the FY 2017-2022 Transportation Improvement Program (TIP) to add the following projects. Additionally, DRPT and VDOT are programming funding through FY 2024 for some of these projects. Funding beyond FY 2022 does not show up in the 2017-2022 TIP, but the additional funding has been entered in the TPB's iTIP database in preparation for the 2019-2024 TIP scheduled for adoption in October. Projects marked "\*\*\*\*" in the TIP Funding column have funds programmed beyond 2022.

PROJECT	TIP ID	NEW UPC	OLD UPC	TIP FUNDING
Transit Store –Alexandria	6626	T21453	T99	\$600,000 CMAQ
Commuter Assistance - Arlington	6627	T21240	T100	\$13,228,000 CMAQ** \$11,044,000 RSTP
Fairfax Countywide Transit Stores	6628	T21448	T207	\$2,460,000 CMAQ**
PRTC Commuter Assistance Program	6629	T21457	T1833	\$1,350,000 CMAQ**
Bus Replacement (Omni ride Express Commuter Buses)	6630	T21459	T158	(all funding after 2022) CMAQ**
WMATA Replacement Buses	6631	T21031, T20133**	12878	(all funding after 2022) CMAQ**

Note: All of the above projects are 80% federally funded, with 20% matching provided by DRPT.

These projects are currently "grouped" in the Virginia State Transportation Improvement Program (STIP) and the TPB TIP. VDOT is "flexing", or transferring, the anticipated funding beyond FY 2018 to DRPT.

Honorable Charles Allen  
May 23, 2018  
Page Two

DRPT does not “group” projects in their STIP process, so individual line items are being created for these projects in the TIP. Please note that the “Old UPCs” referenced in the table above are still included in the appropriate Project Groups the current STIP/TIP, but any funding beyond FY 19 is being shifted to DRPT under the new UPC numbers.

All of the projects are exempt from the Air Quality Conformity Analysis process. CMAQ and RSTP funding for these projects was anticipated in the 2014 CLRP Financial Element. The FY 2019-FY 2022 funds being flexed to DRPT were already included in the STIP/TIP as components of Project Groups. The requested action reflects the latest plans and obligations of the Commonwealth Transportation Board. VDOT requests that these amendments be placed on the agenda of the Transportation Planning Board’s Steering Committee at its meeting on June 1, 2018. VDOT’s representative will attend the meeting and will be available to answer any questions.

Thank you for your consideration of this request.

Sincerely,



Helen Cuervo, P.E., District Administrator  
Northern Virginia District

Cc Ms. Marie Berry, DRPT  
Mr. Todd Horsley, DRPT  
Ms. Maria Sinner, P.E., VDOT  
Ms. Jan Vaughn, VDOT.  
Mr. Norman Whitaker, AICP, VDOT

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

**FY 2017 - 2022**

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
<b>TIP ID: 4070      Agency ID: VRE0007</b>			<b>Title: VRE Storage Yards Improvements</b>				<b>Project Cost: \$85,412    Complete: 2045</b>				
Facility:	Sect. 5307	62/34/4	8,048 c	8,099 c	9,552 c	9,770 c				27,421	
From: Systemwide											
To:	Sect. 5309	62/34/4	262 c								
	Sect. 5337-SGR	62/34/4	33,971 c	15,831 a	7,080 c	14,987 c				37,898	
<b>Total Funds:</b>										<b>65,319</b>	

Description: As additional cars are added to accommodate ridership demand, storage yards and maintenance facilities must be obtained and/or upgraded. Improvements to the yards and maintenance facilities will allow additional maintenance to be performed by VRE contractors and additional vehicles to be stored.

**Amendment: Add Funding** **Requested on: 6/1/2018**  
 Add additional funding of \$5,100 in the PE phase of FY2017 using Section 5307 grant funds, reduce by \$2,963 the FY2017 Section 5337-SGR funding changing the phase to PE, increase by \$4,916 in the construction phase of FY2018 using Section 5307 grant funds, add \$7,080 in the construction phase of FY2018 Section using 5337-SGR grant funds, add \$9,770 in the construction phase of FY2019 using Section 5307 grant funds, and add \$14,987 in the construction phase of FY2019 using Section 5337- SGR grant funds.

<b>TIP ID: 4277      Agency ID: VRE0003</b>			<b>Title: Security Enhancements Systemwide</b>				<b>Project Cost: \$6,180    Complete: 2045</b>				
Facility:	Sect. 5307	80/16/4	405 c	507 c	105 c	105 c	105 c			822	
From: Systemwide											
To:	Sect. 5337-SGR	80/16/4		290 c	386 c					676	
<b>Total Funds:</b>										<b>1,498</b>	

Description: Grantees must certify that at least 1% of 5307 funding received each fiscal year is being used for transit security projects.

**Modification: Add Funding** **Approved on: 7/11/2017**  
 Add \$402,000 in FTA Section 5307 funding for construction in FY 2017.

**Amendment: Add Funding** **Requested on: 6/1/2018**  
 Add funding of \$290K in the construction phase of FY2017 using Section 5337 SGR grant funds and add \$386K in the construction phase of FY2018 Section using 5337- SGR grant.

<b>TIP ID: 4310      Agency ID: VRE0011</b>			<b>Title: VRE Stations and Facilities</b>				<b>Project Cost: \$650,002    Complete: 2045</b>				
Facility: VRE Stations and Facilities	Sect. 5307	80/20/0	957 c								
From: Systemwide											
To:	Sect. 5309	80/20/0	500 c								
	Sect. 5337-SGR	62/34/4	7,266 c	3,930 c	7,760 c	7,495 c	5,946 c			25,131	
	Sect. 5337-SGR	80/16/4	7,266 c	3,930 c	7,760 c	7,495 c	5,946 c			25,131	
<b>Total Funds:</b>										<b>25,131</b>	

Description: Involves the addition of second platforms, canopy and platform extensions, replacement of signage and other related improvements at various VRE stations in order to keep the stations in good repair. This work will be done at various stations throughout the VRE system. Includes upgrades at Washington Union Terminal.

**Amendment: Add Funding** **Requested on: 6/1/2018**  
 Add additional funding of \$1,814K in the construction phase of FY2018 using Section 5337 SGR grant funds and add \$1,549K in the construction phase of FY2019 using Section 5337-SGR grant funds. Also add \$5,000K in the construction phases of FY2018 through FY2020 using Section 5337 SGR grant funds for the Washington Union Terminal Project.

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

**FY 2017 - 2022**

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
<b>TIP ID: 4506</b>		<b>Agency ID: PRTC0005</b>		<b>Title: PRTC - Bus Acquisition / Replacement Program</b>				<b>Project Cost: \$10,338</b>		<b>Complete:</b>	
Facility: PRTC - Bus Acquisition	CMAQ	29/67/4			18,303 c					18,303	
From: NOVA Districtwide											
To:	Sect. 5307	100/0/0			1,200 c	850 c	850 c	850 c		3,750	
	Sect. 5309	80/16/4	572 a								
	Sect. 5339	100/0/0			3,600 c					3,600	
<b>Total Funds:</b>										<b>25,653</b>	

Description: Replacement of sixteen commuter buses manufactured in 2002 that have reached the end of their useful life.

**Amendment: Add Funding** **Requested on: 6/1/2018**  
 Remove \$10,338K funding in FY17, add \$3,600K in the construction phase of FY 18 using Section 5339 Discretionary grant program funds, ad \$1,220K in the construction pahse of FY18 using Section 5307 formula funds and add \$850K in the construction phases of FY19 through FY 2021 using Section 5307 formula funds.

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
<b>TIP ID: 4534</b>		<b>Agency ID: VRE0009</b>		<b>Title: Rolling Stock Acquisition</b>				<b>Project Cost: \$647,913</b>		<b>Complete: 2045</b>	
Facility: VRE Rolling Stock	Sect. 5307	80/16/4		1,947 c	1,947 c	1,947 c	1,947 c			7,788	
From: Systemwide											
To:	Sect. 5337-SGR	80/16/4		4,657 c	4,657 c	4,657 c	4,657 c			18,628	
<b>Total Funds:</b>										<b>26,416</b>	

Description: This project includes funding for procurement additional rolling stock to support fleet expansion and fleet replacement, including 29 coaches under the current contract with Sumitomo.

**Amendment: Transfer funding between sources** **Requested on: 6/1/2018**  
 Move \$779 K from the construction phases of FY 2017 through FY 2020 of Section 5307 grant funds to the construction phases of the same fiscal years of Section 5337 SGR grant funds.

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
<b>TIP ID: 4818</b>		<b>Agency ID: VRE0001</b>		<b>Title: Rolling Stock Modifications and Overhauls</b>				<b>Project Cost: \$48,207</b>		<b>Complete: 2045</b>	
Facility: VRE Rolling Stock	Sect. 5307	80/16/4	3,388 c								
From: Systemwide											
To:	Sect. 5309	80/16/4	2,283 c								
	Sect. 5337-SGR	80/16/4	8,800 c	4,900 c	8,539 c	3,420 c				16,859	
<b>Total Funds:</b>										<b>16,859</b>	

Description: Technological developments and safety mandates from the Federal Railroad Administration (FRA), may require ongoing improvements to the VRE fleet as well as other ongoing improvements consistent with BRE;s rolling stock asset management program. Projects that bring VRE into compliance with future federal mandates will be given the highest funding priority. Implementing PTC as required by FRA.

**Amendment: Add Funding** **Requested on: 6/1/2018**  
 Add funding of \$8,539K in the construction phase of FY 2018 using Section 5337 SGR grant funds and add \$3,420K to the construction phase of FY 2019 using Section 5337 SGR grant funds.



**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

**FY 2017 - 2022**

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 5601</b>	<b>Agency ID: PRTC0004</b>	<b>Title: PRTC - Preventive Maintenance</b>					<b>Project Cost:</b>			<b>Complete: 2045</b>
Facility:	Sect. 5307	80/0/20	10,015 c	1,513 c	2,480 c	2,120 c	2,120 c	2,120 c		10,353
From:										
To:	Sect. 5337-SGR	80/0/20	3,933 c	1,157 c	1,110 c	770 c	770 c	770 c		4,577
	Sect. 5339	80/0/20		635 c	1,330 c	2,030 c	2,030 c	2,030 c		8,055
	STP	80/16/4		938 c						938
<b>Total Funds:</b>										<b>23,923</b>

Description: Maintenance of the Omniride and Omnilink fleet.

**Amendment: Add Funding** **Requested on: 6/1/2018**  
 Increase to \$635K the Construction phase of FY17 using Section 5339 formula funds, increase to \$1,330K the construction phase of FY18 using Section 5339 formula funds and increase to \$2,120K the construction phases of FY19 through FY21 using Section 5339 formula funds. Also, increase to \$2,480K the construction phase of FY2018 using Section 5307 formula funds and increase to \$2,120K the construction phases of FY19 through FY21 using Section 5307 funds. Also decrease to \$1,110k the construction phase in 2018 and decrease to \$770k in FY19 through FY21 using Section 5337-SGR formula funds.

<b>TIP ID: 6626</b>	<b>Agency ID:</b>	<b>Title: Transit Store Funding - Alexandria</b>					<b>Project Cost: \$1</b>			<b>Complete: 2025</b>
Facility:	CMAQ	80/20/0						600 e		600
From:										
To:										
<b>Total Funds:</b>										<b>600</b>

Description: Monitoring Fund

**Amendment: Add New Project** **Requested on: 6/1/2018**  
 Amend project into the FY 2017-2022 TIP with \$600,000 in CMAQ funding in FY 2021.

<b>TIP ID: 6627</b>	<b>Agency ID: T21240</b>	<b>Title: COMMUTER ASSISTANCE PROGRAM</b>					<b>Project Cost: \$34,533</b>			<b>Complete:</b>
Facility:	CMAQ	80/20/0				1,415 e	3,198 e	4,131 e	4,484 e	13,228
From:										
To:	RSTP	80/20/0				7,040 e	2,975 e	1,029 e		11,044
<b>Total Funds:</b>										<b>29,491</b>

Description:

**Amendment: Add New Project** **Requested on: 6/1/2018**  
 Amend project into the FY 2017-2022 TIP with \$13.228 million in CMAQ funding and \$11.044 million in RSTP funding as shown above.

