

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

RESOLUTION ON AN AMENDMENT TO THE FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO INCLUDE FUNDING FOR FIVE 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 October 17, 2018 the TPB adopted the FY 2019-2024 TIP; and

WHEREAS, in the attached letters of July 3, 2019, VDOT has requested an amendment to the FY 2019-2024 TIP to include:

- \$90.8 million in Congestion Mitigation and Air Quality Improvement Program (CMAQ), High Priority Project program (HPP), National Highway Performance Program (NHPP), and Surface Transportation Block Grant (STBG) funding for the Crystal City Metro Station East Entrance project (TIP ID 6670);
- \$370 million in CMAQ funding and state and local funding for the Alexandria Potomac Yard Metro Station Improvements Southwest Entrance project (TIP ID 6671);
- \$8.3 million in CMAQ and state and local funding for the Crystal City Potomac Yard Bus Rapid Transit (BRT) Expansion project (TIP ID 6672);
- \$185 million in CMAQ, Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies grant program (FASTLANE), and state and local funding for the Long Bridge project (TIP ID 6673); and
- \$111.7 million in Advanced Construction, CMAQ, and Regional Surface Transportation Program (RSTP) funding for the US 1 BRT project (TIP ID 6680), as described in the attached materials; and

WHEREAS, these projects are included in the Air Quality Conformity Analysis of Visualize 2045 and the FY 2019-2024 TIP or are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012; and

WHEREAS, full funding for these projects is included in the Visualize 2045 financial analysis;
and

WHEREAS, the TPB Steering Committee reviewed the proposed amendment at its meeting on July 12, 2019 and has recommended that the TPB approve the amendment at its July 24, 2019 meeting;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2019-2024 TIP to include:

- \$90.8 million in CMAQ, HPP, NHPP, and STBG funding for the Crystal City Metro Station East Entrance project (TIP ID 6670);
- \$370 million in CMAQ funding and state and local funding for the Alexandria Potomac Yard Metro Station Improvements Southwest Entrance project (TIP ID 6671);
- \$8.3 million in CMAQ and state and local funding for the Crystal City Potomac Yard Bus Rapid Transit (BRT) Expansion project (TIP ID 6672);
- \$185 million in CMAQ, FASTLANE, and state and local funding for the Long Bridge project (TIP ID 6673); and
- \$111.7 million in Advanced Construction, CMAQ, and RSTP funding for the US 1 BRT project (TIP ID 6680), as described in the attached materials.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive
Fairfax, VA 22030

Stephen C. Brich, P.E.
COMMISSIONER

July 3, 2019

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

RE: FY 2019-2024 Transportation Improvement Program Amendment for DRPT Projects

Dear Chairman Nohe:

The Virginia Department of Transportation (VDOT), on behalf of the Virginia Department of Rail and Public Transportation (VDRPT) requests amendments to the FY 2019-2024 Transportation Improvement Program (TIP) to program funding for the following projects:

- **Arlington Crystal City Metro Station East Entrance, UPC T22443.** Approximately \$72 million in CMAQ, NHPP, Smartscale, STP and State and local matching funds are being added to TIP fiscal years 2020 through 2025, beyond the current TIP timeline. Additional funds have been identified for FY 2025. Project elements include construction of an additional entrance to Crystal City Metro Station at Crystal Dr. & 18th St. South; provision of street level elevators and stairs connecting to fare payment area; fare gates, fare vending machines, an attended kiosk, an underground passageway and a new mezzanine to the train platform.
- **Alexandria Potomac Yard Metro Station Improvements, SW Entrance, UPC 115667.** Approximately \$370 million in CMAQ, State and local funds are being added to TIP fiscal year 2020. The project consists of construction of a new enhanced Southwest Entry at E. Glebe Rd / Potomac Ave to the future Potomac Yard Metro Station along the existing Metrorail Blue and Yellow Lines.
- **Alexandria Metroway Extension, UPC 115668.** Approximately \$8.3 million in CMAQ, State and local funds are being programmed fiscal years 2020, 2023 and 2024. The project will enhance transit use by extending the transitway on north-bound Route 1. The extension includes dedicated center running transit lanes and stations, coordinated with other planned intersections improvements at Route 1/E Glebe Road.


- **Long Bridge – Alexandria 4th Track Project.** Approximately \$182 million in CMAQ, (Federal) Fastlane and State funds are being programmed for TIP fiscal years 2020 through 2023. Additional funds have been identified for FY 2025, beyond the current TIP timeline. Constructs 6 miles of fourth track from Alexandria to the south bank of the Potomac River.

Additional financial details are included in the attached TIP table. The proposed additional funds represent the latest cost estimates and planned obligations of the Commonwealth Transportation Board and are part of the total revenue estimates included in the Visualize 2045 Financial Plan. These amendments will not impact regional air quality conformity, as the projects are included in the Visualize 2045 air quality conformity analysis. These projects directly address several of the endorsed initiatives of Visualize 2045, including “Move More People on Metrorail,” Expand Bus Rapid Transit and Transitways” and “Improve Walk and Bike Access to Transit”.

VDOT requests approval of this TIP Amendment by the Transportation Planning Board’s Steering Committee at its meeting on July 12. If subsequent TPB Board action is required, we request that this take place at the July 24 TPB meeting. VDOT’s representatives will attend the meetings and be available to answer any questions about the amendments.

Thank you for your consideration of this request.

Sincerely,

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

Cc: Ms. Renée Hamilton, VDOT-NoVA
Mr. Todd Horsley, VDRPT
Ms. Marie Berry, VDRPT
Ms. Maria Sinner, P.E., VDOT-NoVA
Mr. Norman Whitaker, AICP, VDOT-NoVA



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The Honorable Martin Nohe, Chair
National Capital Region Transportation Planning Board
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RE: FY 2019-2024 Transportation Improvement Program Amendment for TIP# 6680,
UPC s 115549 and 111550, Richmond Highway – Bus Rapid Transit

Dear Chairman Nohe:

The Virginia Department of Transportation (VDOT) requests amendments to the FY 2019-2024 Transportation Improvement Program (TIP) to program funding for the U.S. 1 Richmond Highway Bus Rapid Transit (BRT) project. The project includes median running BRT along Route 1 in Fairfax County from Huntington Metro area to Fort Belvoir. Also included are new transit stations, facilities for bikes and pedestrians and road improvements to accommodate vehicles. VDOT will manage the construction of road improvements and DRPT will manage the transit elements.

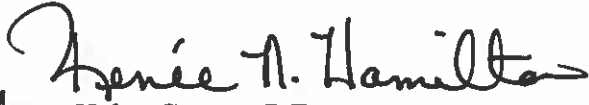
The planned obligations are currently limited to Primary Engineering funding. The amendment adds approximately \$112 million in CMAQ, Advance Construction and RSTP funding to TIP fiscal years 2019, through 2021. The total project cost is currently estimated at approximately \$545 million. More detailed financial information is provided in the attached TIP table.

The proposed additional funds represent the latest cost estimates and planned obligations of the Commonwealth Transportation Board and are part of the revenue forecasts included in the Visualize 2045 Financial Plan. This amendment will not impact regional air quality conformity, as the projects are included in the Visualize 2045 air quality conformity analysis. The BRT project directly contributes to the implementation of the Visualize 2045 Initiative titled "Expand Bus Rapid Transit and Transitways".

VDOT requests approval of this TIP Amendment by the Transportation Planning Board's Steering Committee at its meeting on July 12. If subsequent TPB Board action is required, we request that this take place at the July 24 TPB meeting. VDOT's representatives will attend the meetings and be available to answer any questions about the amendments.

Thank you for your consideration of this request.

Sincerely,

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

Cc: Ms. Rene'e Hamilton, VDOT-NoVA
Ms. Maria Sinner, P.E., VDOT-NoVA
Mr. Norman Whitaker, AICP, VDOT-NoVA

**NORTHERN VIRGINIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6670 Agency ID: T22443		Title: Crystal City Metro Station East Entrance					Complete: 2022		Total Cost:		\$90,675	
Facility: Crystal City Metro station		CMAQ	80/20/0							10,417 c	10,417	
From: Crystal Drive		HPP	0/100/0							6,057 c	6,057	
To:		NHPP	80/20/0							5,943 c	5,943	
		STBG	42/42/16			12,818 a					49,680	
						36,862 c						
Total Funds:											90,764	

Description: New Metro entrance at the east end of the station, near Crystal Drive, to provide easier access from Crystal Drive, the VRE station, and the northbound Transitway. Includes elevators, escalators and/or stairs, a fare payment area with fare vending machines, kiosk, and an underground passageway to the existing train platform and/or mezzanine.

Amendment: Add New Project **Requested on: 7/12/2019**
 New Metro entrance at the east end of the station, near Crystal Drive, to provide easier access from Crystal Drive, the VRE station, and the northbound Transitway. Includes elevators, escalators and/or stairs, a fare payment area with fare vending machines, kiosk, and an underground passageway to the existing train platform and/or mezzanine.

TIP ID: 6671 Agency ID: 115667		Title: Alexandria Potomac Yard Metro Station Improvements Southwest Entr					Complete: 2021		Total Cost:		\$370,000	
Facility: Potomac Yard Metro Station		CMAQ	80/20/0			25,000 a					25,000	
From: Entrance @ E. Glebe Rd/ Potomac Ave.		State/Local	0/7/93			2,500 a					345,000	
To:						6,150 b						
						336,350 c						
Total Funds:											370,000	

Description: The project consists of construction of a new enhanced Southwest Entry at E. Glebe Rd / Potomac Ave to the future Potomac Yard Metro Station along the existing Metrorail Blue and Yellow Lines.

Amendment: Add New Project **Requested on: 7/12/2019**
 The project consists of construction of a new enhanced Southwest Entry at E. Glebe Rd / Potomac Ave to the future Potomac Yard Metro Station along the existing Metrorail Blue and Yellow Lines.

**NORTHERN VIRGINIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 6672 Agency ID: 115668 Title: Crystal City Potomac Yard BRT Expansion								Complete: 2022	Total Cost:	\$5,000
Facility:	CMAQ	80/20/0						1,500 c	1,000 c	2,500
From:										
To:	State/Local	0/43/57			1,073 a					5,805
						4,732 c				
Total Funds:										8,305

Description: Enhance transit use by extending transitway on NB Route 1. Includes dedicated center running transit lanes and stations, coordinated with other planned intersections improvements at Rte 1/E Glebe Road.

Amendment: Add New Project **Requested on: 7/12/2019**
 Enhance transit use by extending transitway on NB Route 1. Includes dedicated center running transit lanes and stations, coordinated with other planned intersections improvements at Rte 1/E Glebe Road.

	Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 6673 Agency ID: T20229 Title: Long Bridge								Complete:	Total Cost:	
Facility: CSX Richmond, Fredericksburg and Potoma	CMAQ	80/20/0			32,960 c	15,661 c	12,193 c	3,732 c		64,546
From: Control Point RO (Arlington)Rosslyn (RO) Int										
To: L'Enfant (LE) Interlocking near 10th Street S	FASTLANE	40/60/0			18,500 a					112,500
						94,000 c				
	State/Local	0/100/0			2,622 c					2,622
Total Funds:										185,001

Description: Expand existing two-track rail bridge across Potomac to four tracks by building a second parallel two-track rail bridge. Includes expansion of five additional rail bridges over roads and waterways and a parallel bicycle/pedestrian bridge

Amendment: Add New Project **Requested on: 7/12/2019**
 Expand existing two-track rail bridge across Potomac to four tracks by building a second parallel two-track rail bridge. Includes expansion of five additional rail bridges over roads and waterways and a parallel bicycle/pedestrian bridge

**NORTHERN VIRGINIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 6680 Agency ID: 115549		Title: US 1 Bus Rapid Transit			Complete: 2027				Total Cost: \$545,233	
Facility: US 1 Richmond Highway	AC	80/20/0		46,295 a						46,295
From: FORT BELVOIR	AC 1	100/0/0		40,408 a						40,408
To: HUNTINGTON METRORAIL STATION	ACC	80/20/0			6,775 a	9,725 a				16,500
	CMAQ	80/20/0		7,991 a						7,991
	RSTP	80/20/0		518 a						518
Total Funds: 111,712										

Description:

Amendment: Add New Project **Requested on: 7/2/2019**
 TIP AMD - Add \$6,392,763 (CM), \$414,328 (RSTP), \$28,399,425 (AC-RSTP), \$8,636,283 (AC-CM), \$40,407,536 (AC- Other:NVTA) FFY19, add \$5,420,256 (ACC-CM) FFY20, add \$890,000 (ACC-CM) FFY21 and \$6,889,602 (ACC-RSTP) FY21 PE.