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

RESOLUTION ON AN AMENDMENT TO THE FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO INCLUDE FUNDING FOR FOUR 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 March 18, 2020 the TPB adopted the FY 2021-2024 TIP; and

WHEREAS, Advanced Construction (AC) is the mechanism by which VDOT funds projects using state funding that will be reimbursed at a later time by the anticipated federal or other sources shown, and this reimbursement is called Advanced Construction Conversion/Payback (ACCP), which is not included in the project funding total; and

**WHEREAS**, in the attached letters of December 18, 2020, VDOT has requested amendments to the FY 2021-2024 TIP to the following four projects, as described in the attach materials:

- Richmond Highway Corridor Improvements (TIP ID 6443): to update the project cost to \$414.9 million to \$ include \$8.15. million in Regional Surface Transportation Planning (RSTP) funds and \$2.03 million RSTP-AC funds (ACCP FY 2022) for PE in FY 2021, and \$131.3 million in Northern Virginia Transportation Authority (NVTA) funds and \$48.2 million in RSTP-AC funds (ACCP FY 2022) in FY 2021 for ROW Acquisition
- Long Bridge Phase I Alexandria 4th Track Project (TIP ID 6673): to add \$39.77 million in Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds and \$7.45 million CMAQ-AC funds (ACCP FY 2021), \$69.88 million in High Priority Project (HPP)-AC funds (ACCP FY 2021), and \$11.8 million in state matching funds in FY 2021 for construction.

- I-95 SB Auxiliary Lane between Route 123 and Route 294 (TIP ID 6682): to add this
  project to the TIP with \$24.15 million in concession funds and \$3.6 million in RSTPAC (ACCP FY21) in FY 2021 for construction.
- #SMART18 Potomac Town Center Garage GARVEE Debt Service (provisional TIP ID 11270): to include debt service payments with in \$275,032 in Surface Transportation Block Grant (STBG) funds and \$3.64 million in STBG-AC funds (ACCP FY2023-2037) in FY 2022.

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

**WHEREAS**, the first three projects are included in the Air Quality Conformity Analysis of the 2020 Amendment to Visualize 2045 and the FY 2021-2024 TIP and the debt service payments 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 2021-2024 TIP to include the following four projects, as described in the attached materials.

- Richmond Highway Corridor Improvements (TIP ID 6443): to update the project cost to \$414.9 million, and to include \$8.15 million in RSTP funds and \$2.03 million RSTP-AC funds (ACCP FY 2022) for PE in FY 2021, and \$131.3 million in NVTA funds, and \$48.2 million in RSTP-AC funds (ACCP FY 2022) in FY 2021 for ROW Acquisition.
- Long Bridge Phase I Alexandria 4th Track Project (TIP ID 6673): to add \$39.77 million in CMAQ funds and \$7.45 million CMAQ-AC funds (ACCP FY 2021), \$69.88 million in HPP-AC funds (ACCP FY 2021), and \$11.8 million in state matching funds in FY 2021 for construction.
- I-95 SB Auxiliary Lane between Route 123 and Route 294 (TIP ID 6682): to add this project to the TIP with \$24.15 million in concession funds and \$3.6 million in RSTP-AC funds (ACCP FY 2021) in FY 2021 for construction.
- #SMART18 Potomac Town Center Garage GARVEE Debt Service (provisional TIP ID 11270): to include debt service payments with in \$275,032 in STBG funds and \$3.64 million in STBG-AC funds (ACCP FY2023-2037) in FY 2022.



Stephen C. Brich, P.E. Commissioner

DEPARTMENT OF TRANSPORTATION 1401 East Broad Street Richmond, Virginia 23219

(804) 786-2701 Fax: (804) 786-2940

December 18, 2020

The Honorable Kelly Russell, 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 2021-2024 Transportation Improvement Program Amendment for TIP# 6443, Richmond Highway Corridor Improvements, Fairfax Virginia

#### Dear Ms. Russell:

The Virginia Department of Transportation (VDOT) requests an amendment to the FY 2021-2024 Transportation Improvement Program (TIP) to add TIP # 6343, Richmond Highway Corridor Improvements. This project will relieve traffic congestion and improve safety by widening Richmond Highway from four lanes to six lanes between Sherwood Hall Lane & Jeff Todd Way (3.13 mi) in Fairfax, VA. Bicycle and pedestrian facilities are included.

The proposed amendment updates the total estimated cost to \$414,924,742 and adds \$10,177,896 to the PE phase in FY21, \$2,026,286 to the PE phase in FY22, \$179,519,048 to the ROW phase in FY21 and \$48,218,094 to the ROW phase in FY22.

This project is included in the Visualize 2045 Air Quality Conformity Analysis. This amendment reflects the latest estimates and planned obligations of the Commonwealth Transportation Board and will not change the Financial Constraint findings of the TIP or Visualize 2045. VDOT requests approval of the amendment by the Transportation Planning Board's Steering Committee at its meeting on January 8, 2021. VDOT's representative will attend the meeting and be available to answer any questions about the amendments.

Thank you for your consideration of this request.

Sincerely,

Helen Cuervo, P.E.

District Administrator, Northern Virginia District, VDOT

Cc

Ms. Maria Sinner, P.E., VDOT-NoVA,

Mr. Norman Whitaker, AICP, VDOT-NoVA

VirginiaDOT.org WE KEEP VIRGINIA MOVING



#### DEPARTMENT OF TRANSPORTATION

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### COMMONWEALTH of VIRGINIA

#### DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E. Commissioner

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December 18, 2020

The Honorable Kelly Russell, 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 2021-2024 Transportation Improvement Program Amendment for TIP#6673, Long Bridge Phase 1 - Alexandria 4<sup>th</sup> Track; TIP#6682, I-95 SB Auxiliary Lane between VA 123 &VA 294; TIP# 11270, Potomac Town Center Garage - GARVEE Debt Service

#### Dear Chairman Russell:

The Virginia Department of Transportation (VDOT) requests amendments to the FY 2021-2024 Transportation Improvement Program (TIP) to revise the funding for the projects referenced below.

**TIP#6673**: for the construction of  $\underline{6}$  miles of Fourth Track from Control Point AF in Alexandria to the RO interlocking near the south bank of the Potomac River in Arlington. This project is included in the Visualize 2045 Air Quality Conformity Analysis and the funding was anticipated in the Visualize 2045 Financial Plan. This amendment will do the following:

- Add \$49,713,301 of CMAQ & State matching (80-20) for the Construction phase in FY21
- Add \$9,306,740 of Advanced Construction (CMAQ0 & State matching (80-20) for the Construction phase in FY21
- Add \$69,879,956 of Advanced Construction (High Priority Projects) & State matching (80-20) for the Construction phase in FY21

**TIP#6682:** for construction of an auxiliary travel lane on Southbound Interstate 95, from the VA 123 entrance ramp, which will merge into an existing lane before the Prince William Parkway exit ramp. The length of the project is approximately 1.4 miles. This project is included in the Visualize 2045 Air Quality Conformity Analysis and the funding was anticipated in the Visualize 2045 Financial Plan, asking for the following:

• Addition of \$24,150,000 of Concession Funds for the Construction phase in FY21

**TIP#11270** is for a debt service required to pay for the construction of a commuter garage and road improvements to support congestion mitigation in surrounding road network such as VA 123 & VA 234. This amendment is asking for the following:

 $\bullet$  Addition of \$275,032 STP/STBG Funds \$3,640,993 AC-STP/STBG Funds for Preliminary Engineering in FY22

- Addition of \$431,274 ACC-STP/STBG Funds for Preliminary Engineering of FY23
- Addition of \$416,011 ACC-STP/STBG Funds for Preliminary Engineering of FY23.

#### Including:

- \$275,032 Garvee Debt Service Interests for FY22
- \$431,274 Garvee Debt Service Interests for FY23
- \$416,011 Garvee Debt Service Interests for FY24
- \$2,793,708 Garvee Debt Service Interests for FY25-FY37

VDOT asks for approval of the amendments by the Transportation Planning Board's Steering Committee at its meeting on January 8, 2021. VDOT's representative will attend the meeting and be available to answer any questions about the amendments.

Thank you for your consideration of this request.

Sincerely,

Helen Cuervo, P.E.

District Administrator, Northern Virginia District, VDOT

Cc: Ms. Maria Sinner, P.E., VDOT-NoVA,

Mr. Norman Whitaker, AICP, VDOT-NoVA

#### National Capital Region Transportation Planning Board FY 2021-2024 Transportation Improvement Program Amendment Report for TIP Action 21-15 for Consideration by the TPB Steering Committee on January 8,2021

Project Name RICHMOND HIGHWAY CORRIDOR IMPROVEMENTS

Project Limits

Description

Project will reconstruct and widen Richmond Highway (US Route 1) from four to six lanes and add bicycle and pedestrian facilities between the Mount Vernon

Memorial Highway and Napper Road.

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
PE	RSTP	-	\$8,151,610	-	-	-	-	\$8,151,610
PE	RSTP (AC)	-	\$2,026,286	-	-	-	-	\$2,026,286
PE	RSTP(ACCP)	-	-	\$2,026,286	6 -	-	-	\$2,026,286
To	otal Preliminary Engineering	-	\$10,177,896	\$2,026,28	6 -	-	-	\$12,204,182
ROW	Northern Virginia Transportation Authority	-	\$131,300,954	-	-	-	-	\$131,300,954
ROW	Regional Surface Transportation Planning (AC)	-	\$48,218,094	-	-	-	-	\$48,218,094
ROW	Regional Surface Transportation Planning (ACCP)	-	- :	\$48,218,09	4 -	-	-	\$48,218,094
	tal Right of Way	-	\$179,519,048			-	-	\$227,737,142
Total	al Programmed	-	\$189,696,944	\$50,244,38	0 -	-	-	\$239,941,324

#### National Capital Region Transportation Planning Board FY 2021-2024 Transportation Improvement Program Amendment Report for TIP Action 21-15

for Consideration by the TPB Steering Committee on January 8.2021

TIP ID 6673 T23436 \$140,000,000 Agency Project ID Total Cost City of Alexandria VDOT Municipality Lead Agency County Arlington

Project Type Transit - Other Completion Date TCM

Long Bridge Phase 1 Alexandria 4th Track Project Project Name

Project Limits

Construct 6 miles of fourth track from Control Point AF in Alexandria to the RO Interlocking near the south bank of the Potomac River in Arlington Description

Phase	e Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
PE	CMAQ	\$8,880,000	-	-	-	-	-	\$8,880,000
PE	State	\$2,220,000	-	-	-	-	-	\$2,220,000
To	tal Preliminary Engineering	\$11,100,000	-	-	-	-	-	\$11,100,000
CON	CMAQ	-	\$39,770,400	-	-	-	-	\$39,770,400
CON	CMAQ (AC)	-	\$7,445,600	-	-	-	-	\$7,445,600
CON	CMAQ (ACCP)	-	\$7,445,600	-	-	-	-	\$7,445,600
CON	High Priority Project (AC)	-	\$69,880,000	-	-	-	-	\$69,880,000
CON	High Priority Project	-	\$69,880,000	-	-	-	-	\$69,880,000
	(ACCP)							
CON	State	-	\$11,804,000	-	-	-	-	\$11,804,000
		- 5	8206,225,600	-	-	-	-	\$206,225,600
Total	Programmed	\$11,100,000	\$206,225,600	-	-	-	-	\$217,325,600

# National Capital Region Transportation Planning Board FY 2021-2024 Transportation Improvement Program Amendment Report for TIP Action 21-15 for Consideration by the TPB Steering Committee on January 8,2021

Project Name I-95 SB AUXILIARY LANE BETWEEN RTE 123 AND RTE 294

Project Limits

Description

This project includes adding an auxiliary travel lane on Southbound Interstate 95, from the Route 123 entrance ramp, which will merge into an existing lane before the Prince William Parkway exit ramp. The length of the project is approximately 1.4 miles.

Phase	Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
PE	Public-Private Partnership	\$3,350,000	-	-	-	-	-	\$3,350,000
To	otal Preliminary Engineering	\$3,350,000	-	-	-	-	-	\$3,350,000
CON	Concession Funds	-	\$24,150,000	-	-	-	-	\$24,150,000
CON	Regional Surface Transportation Planning (AC)	_	\$3,600,000	) -	-	-	-	\$3,600,000
CON	Regional Surface Transportation Planning (ACCP)	-	\$3,600,000	) -	-	-	-	\$3,600,000
Tot	tal Construction	-	\$31,350,000	-	-	-	-	\$31,350,000
Tota	al Programmed	\$3,350,000	\$31,350,000	-	-	-	-	\$34,700,000

#### National Capital Region Transportation Planning Board FY 2021-2024 Transportation Improvement Program Amendment Report for TIP Action 21-15 for Consideration by the TPB Steering Committee on January 8,2021

Total Cost

County

TCM

\$3,916,025

Prince William

TIP ID 11270 Agency Project ID 111985

Lead AgencyVDOTMunicipalityProject TypeDebt ServiceCompletion Date

Project Name #SMART18 - POTOMAC TOWN CENTER GARAGE - GARVEE DEBT SERVICE

Project Limits

Description Debt Service Required for CN UPC 111485

Pha	se Fund Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
PE	RSTP	-	-	\$275,032	-	-	-	\$275,032
PE	RSTP (AC)	-	-	\$3,640,993	-	-	-	\$3,640,993
PE	RSTP ACCP))	-	-	-	\$431,274	\$416,011	<u> </u>	\$847,285
7	Total Preliminary Engineering	-	-	\$3,916,025	\$431,274	\$416,011	-	\$4,763,310
To	tal Programmed	-	-	\$3,916,025	\$431,274	\$416,011	-	\$4,763,310

### Change Report for VDOT TIP Amendment for January 8, 2021 TPB Steering Committee Meeting

TIP ID	PROJECT TITLE	%	COST CHANGE	COST BEFORE	COST AFTER	CHANGE REASON	NARRATIVE DESCRIPTION
	RICHMOND HIGHWAY CORRIDOR	-49				Programming	
0443	IMPROVEMENTS	-43	(\$185,884,050)	7373,381,000	7185,050,544	Update	· · · · · · · · · · · · · · · · · · ·
						opuate	► Delete funds in FFY 22 in ROW for \$126,298,000
							► Delete funds in FFY 24 in CON for \$21,702,000
							*Advanced Construction
							► Delete funds in FFY 22 in ROW for \$15,664,800
							▶ Delete funds in FFY 24 in CON for \$177,322,000
							State Funding
							▶ Delete funds in FFY 22 in ROW for \$6,135,600
							▶ Delete funds in FFY 24 in ROW for \$2,116,200
							▶ Delete funds in FFY 23 in ROW for \$1,800,000
							*Advanced Construction Conversion
							▶ Delete funds in FFY 23 in ROW for \$7,200,000
							► Delete funds in FFY 24 in ROW for \$8,464,800
							*Advanced Construction Conversion (ACCP)
							► Delete funds in FFY 22 in ROW for \$15,664,800
							▶ Delete funds in FFY 24 in CON for \$177,322,000
							Regional Surface Transportation Planning
							► Add funds in FFY 21 in PE for \$10,177,896 ROW for \$48,218,094
							► Delete funds in FFY 22 in ROW for \$8,877,600
							Northern Virginia Transportation Authority
							► Add funds in FFY 21 in ROW for \$131,300,954
							Regional Surface Transportation Planning (ACCP)
							► Add funds in FFY 22 in PE for \$2,026,286 ROW for \$48,218,094
							Total project cost decreased from \$568,567,800 to \$239,941,324
			(1	4	1		* ACCP is not part of the Total
6682	I-95 SB AUXILIARY LANE BETWEEN RTE 123	-51	(\$33,017,000)	\$64,117,000	\$31,100,000	-	
	AND RTE 294					Update	
							► Delete funds in FFY 21 in PE for \$2,680,000 CON for \$22,920,000
							State Funding
							► Delete funds in FFY 21 in PE for \$670,000 CON for \$5,730,000
							▶ Delete funds in FFY 23 in PE for \$670,000 CON for \$253,400 *Advanced Construction Conversion
							► Delete funds in FFY 23 in PE for \$2,680,000 CON for \$1,013,600
							*Advanced Construction Conversion (ACCP)
							► Delete funds in FFY 21 in PE for \$2,680,000 CON for \$22,920,000
							Regional Surface Transportation Planning
							► Add funds in FFY 21 in CON for \$3,600,000
							Regional Surface Transportation Planning (ACCP)
							► Add funds in FFY 21 in CON for \$3,600,000
							Total project cost decreased from \$89,717,000 to \$34,700,000
							* ACCP is not part of the Total
11270	#SMART18 - POTOMAC TOWN CENTER	0	\$3,916,025	\$0	\$3,916,025	New project	PROJECT CHANGES (FROM PREVIOUS VERSION): Surface Transportation Block Grant
	GARAGE - GARVEE DEBT SERVICE		+ = / = = - / = = =	, ,	<i>+ - , , </i>		Program - FHWA
							► Add funds in FFY 22 in PE for \$3,916,025
							Surface Transportation Block Grant Program - FHWA (ACCP)
							► Add funds in FFY 23 in PE for \$431,274
							► Add funds in FFY 24 in PE for \$416,011
							Total project cost \$4,763,310
							* ACCP is not part of the Total
6673	Long Bridge Phase 1 Alexandria 4th Track	0	\$0	\$140,000,000	\$140,000,000	Programming	PROJECT CHANGES (FROM PREVIOUS VERSION):
	Project					Update	Changed MAP21 GOALS:
							- from "BLANK" to "Arlington"
							Changed Dist.:
							- from "" to "City of Alexandria"
							Changed Project Type:
							- from "Bridge - Rehab + Add Capacity" to "Transit - Other"
							High Priority Project
							► Add funds in FFY 21 in CON for \$69,880,000
							*Advanced Construction
							► Delete funds in FFY 21 in CON for \$77,325,600
							High Priority Project (ACCP)
							► Add funds in FFY 21 in CON for \$69,880,000
							*Advanced Construction Conversion (ACCP)
							► Delete funds in FFY 21 in CON for \$77,325,600
							Congestion Mitigation and Air Quality Improvement Program
							+ Increase funds in FFY 21 in CON from \$39,770,400 to \$47,216,000
1							Congestion Mitigation and Air Quality Improvement Program (ACCP)
							► Add funds in FFY 21 in CON for \$7,445,600
							► Add funds in FFY 21 in CON for \$7,445,600  Total project cost stays the same \$217,325,600  * ACCP is not part of the Total