

**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 TIP ACTION 21-51 WHICH  
ADDS TWO NEW PROJECTS: RICHMOND HIGHWAY CORRIDOR IMPROVEMENTS  
(PHASE 2) AND I-495 NEXT TRANSIT INVESTMENT - MONITORING FUNDS, AND  
ADDS FUNDING TO TWO ROADWAY PROJECTS AND ONE TRANSIT PROGRAM,  
AS REQUESTED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), as the federally designated metropolitan planning organization (MPO) for the Washington region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act, reauthorized November 15, 2021 when the Infrastructure Investment and Jobs Act (IIJA) was signed into law, 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**, VDOT has requested an amendment to the FY 2021-2024 TIP to include TIP Action 21-52 which adds two new projects and adds funding to two roadway and one transit program, as described below and in the attached materials:

- Richmond Highway Corridor (Phase 2)(ID T11602): add new project with \$2.1 million in state funding in FY 2022
- I-495 NEXT Transit Investment – Monitoring Funds (ID T11601): add new administrative program with \$5.2 million in state funding in FY 2022
- VA Route 7/VA Route 690 Interchange project (#SMART18) (ID T6318): add \$20,711 in Equity Balance/Minimum Guarantee (EB/MG) funding, \$8.4 million in National Highway Performance Program (NHPP) funding, and \$686,589 in Surface Transportation Block Grant (STBG) program funding, for a net increase of approximately \$9.1 million
- Sycolin Road Paving and Widening (ID T6346): add \$3.9 million in state funding
- VRE Storage Yards Improvements program (ID T4070) add \$20 million in Section 5337 – State of Good Repair (Sect. 5337-SGR) program funding

**WHEREAS**, the attached materials include: Attachment A) Project Overview reports showing how the projects will appear in the TIP following approval, Attachment B) an Amendment Summary report showing the changes in total project costs, reason for the amendments, and a Change Summary providing line-item changes to every programmed amount by fund source, fiscal year, and project phase, and Attachment C) two letters from VDOT dated April 26, 2022 requesting the amendments; and

**WHEREAS**, these project have been entered or updated in the TPB's Project InfoTrak database application under TIP Action 21-51, creating the 51<sup>st</sup> version of the FY 2021-2024 TIP, which supersedes all previous versions of the TIP and can be viewed online at [www.mwcog.org/ProjectInfoTrak](http://www.mwcog.org/ProjectInfoTrak); and

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

**WHEREAS**, the Richmond Highway Corridor (Phase 2), VA 7/VA 690 Interchange, and Sycolin Road widening projects were included in the Air Quality Conformity Analysis of the 2020 Amendment to Visualize 2045 and the FY 2021-2024 TIP, and the I-495 NEXT Transit Monitoring Funds and VRE Storage Yards improvement programs 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**, this resolution and amendments to the FY 2021-2024 TIP shall not be considered final until the Transportation Planning Board has had the opportunity to review and accept these materials at its next full meeting;

**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 TIP Action 21-51 which adds \$2.1 million in state funding for the Richmond Highway Corridor (Phase 2) project (ID T11602); \$5.2 million in state funding for the I-495 NEXT Transit Investment - Monitoring Funds administrative program (ID T11601); \$8.4 million in NHPP, \$686,589 in STBG, and \$20,711 in EB/MG funding for the VA Route 7/VA Route 690 Interchange project (#SMART18) (ID T6318); \$3.9 million in state funding for the Sycolin Road Paving and Widening project (ID T6346); and \$20 million in Section 5337-SGR for the VRE Storage Yards Improvements program (ID T4070), as described in the attached materials.



<i>TIP ID</i>	T11601	<i>Lead Agency</i>	Virginia Department of Transportation	<i>Project Type</i>	Debt Service
<i>Project Name</i>	I-4995 Next Transit Investment - Monitoring Funds	<i>County</i>		<i>Total Cost</i>	\$5,200,000
<i>Project Limits</i>		<i>Municipality</i>		<i>Completion Date</i>	2026
		<i>Agency Project ID</i>	120823		

*Description* Monitoring Funds for reimbursing localities for transit costs

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
CON	STATE	-	-	\$5,200,000	-	-	-	\$5,200,000
	<i>Total CON</i>	-	-	\$5,200,000	-	-	-	\$5,200,000
	<i>Total Programmed</i>	-	-	\$5,200,000	-	-	-	\$5,200,000

\*Not Location Specific

Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21-51 Amendment 2021-2024	Pending	Pending	N/A

Current Change Reason

SCHEDULE / FUNDING / SCOPE - New project



<i>TIP ID</i>	T11602	<i>Lead Agency</i>	Virginia Department of Transportation	<i>Project Type</i>	Road - Add Capacity/Widening
<i>Project Name</i>	RICHMOND HIGHWAY CORRIDOR IMPROVEMENTS, PH 2	<i>County</i>		<i>Total Cost</i>	\$183,300,000
<i>Project Limits</i>	Frye Road to Sherwood Hall Road	<i>Municipality</i>		<i>Completion Date</i>	2028
		<i>Agency Project ID</i>	120800		
<i>Description</i>	Widen from 4 to 6 lanes and add bike and ped facilities from 0.13 miles north of Frye Road to Sherwood Hall Lane.				

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
PE	STATE	-	-	\$2,100,000	-	-	-	\$2,100,000
	<i>Total PE</i>	-	-	\$2,100,000	-	-	-	\$2,100,000
	<i>Total Programmed</i>	-	-	\$2,100,000	-	-	-	\$2,100,000

\*Map Has Not Been Marked

Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21-51 Amendment 2021-2024	Pending	Pending	N/A

Current Change Reason

SCHEDULE / FUNDING / SCOPE - New project



<i>TIP ID</i>	T4070	<i>Lead Agency</i>	Virginia Department of Transportation	<i>Project Type</i>	Transit - Maintenance
<i>Project Name</i>	VRE Storage Yards Improvements	<i>County</i>		<i>Total Cost</i>	\$20,022,586
<i>Project Limits</i>	Systemwide	<i>Municipality</i>	Region-wide	<i>Completion Date</i>	2045
		<i>Agency Project ID</i>	VRE0007		

*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.

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total	*Not Location Specific
CON	SECT. 5337-SGR	-	-	\$20,022,586	-	-	-	\$20,022,586	
	<i>Total CON</i>	-	-	\$20,022,586	-	-	-	\$20,022,586	
	<i>Total Programmed</i>	-	-	\$20,022,586	-	-	-	\$20,022,586	

**Version History**

<i>TIP Document</i>	<i>MPO Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
21-00 Adoption 2021-2024	03/20/2020	05/27/2020	05/27/2020
21-51 Amendment 2021-2024	Pending	Pending	N/A
21-53 Amendment 2021-2024	Pending	N/A	N/A
23-00 Adoption 2023-2026	Pending	Pending	Pending

**Current Change Reason**

SCHEDULE / FUNDING / SCOPE - Programming Update

*Funding Change(s):*  
 Total project cost decreased from \$107,600,000 to \$20,022,586



<i>TIP ID</i>	T6346	<i>Lead Agency</i>	Virginia Department of Transportation	<i>Project Type</i>	Road - Other Improvement
<i>Project Name</i>	Syscolin Road Paving and Widening	<i>County</i>	Loudoun	<i>Total Cost</i>	\$42,595,790
<i>Project Limits</i>	RT 659 0.924 mi. E. of Belmont Ridge Rd. to 659 1.802 mi. W. of Belmont Ridge Rd.	<i>Municipality</i>		<i>Completion Date</i>	2028
		<i>Agency Project ID</i>	58923		

*Description* Design, R/W acq, utilities relo, & CN to widen approximately 4,200 ft.. Syscolin Rd to a 4-lane, 16 median div road btw Loudoun Ctr Pl. & Crosstrail Blvd, 10 SUP, 12 travel lanes, access mgmt improv, Leesburg Airport, rec facilities. Improves access for cars, peds, and buses to the Leesburg PNR.

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total	
PE	STATE	-	-	\$3,878,437	-	-	-	\$3,878,437	*Map Has Not Been Marked
	<i>Total PE</i>	-	-	\$3,878,437	-	-	-	\$3,878,437	
	<i>Total Programmed</i>	-	-	\$3,878,437	-	-	-	\$3,878,437	

**Version History**

<i>TIP Document</i>	<i>MPO Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>
20-01 Amendment 2020-2023	Pending	Pending	Pending
21-51 Amendment 2021-2024	Pending	Pending	N/A

**Current Change Reason**

SCHEDULE / FUNDING / SCOPE - Cost change(s), Programming Update

*Funding Change(s):*  
 Total project cost increased from \$0 to \$3,878,437



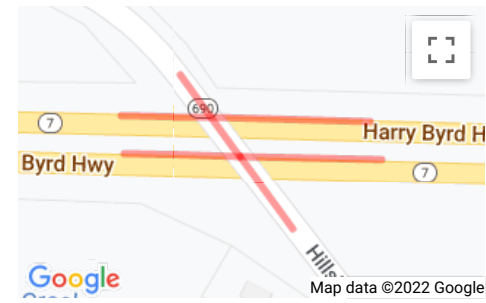
TIP ID T6618  
 Project Name ROUTE 7/ROUTE 690 INTERCHANGE #SMART18  
 Project Limits VA 690 Hillsboro Road

Lead Agency Virginia Department of Transportation  
 County Loudoun  
 Municipality  
 Agency Project ID 111666

Project Type Road - Interchange improvement  
 Total Cost \$52,685,000  
 Completion Date 2028

Description This new Interchange at RT 7 and RT 690 will include a shared use path and four ramps.

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
PE	EB/MG	-	\$20,711	-	-	-	-	\$20,711
PE	NHPP	-	-	\$8,424,167	-	-	-	\$8,424,167
PE	STBG	-	-	\$686,589	-	-	-	\$686,589
<i>Total PE</i>		-	\$20,711	\$9,110,756	-	-	-	\$9,131,467
ROW	STBG	-	\$1,051,104	-	-	-	-	\$1,051,104
ROW	STBG	-	\$565,896	-	-	-	-	\$565,896
ROW	STBG	-	\$565,896	-	-	-	-	\$565,896
ROW	STBG	-	-\$565,896	-	-	-	-	-\$565,896
<i>Total ROW</i>		-	\$1,617,000	-	-	-	-	\$1,617,000
<i>Total Programmed</i>		-	\$1,637,711	\$9,110,756	-	-	-	\$10,748,467



Version History

TIP Document	MPO Approval	FHWA Approval	FTA Approval
21-00 Adoption 2021-2024	03/20/2020	05/27/2020	05/27/2020
21-14 Amendment 2021-2024	01/06/2021	N/A	N/A
21-51 Amendment 2021-2024	Pending	Pending	N/A

Current Change Reason

SCHEDULE / FUNDING / SCOPE - PRIMARY PROJECT TYPE was updated - CSD  
 Funding Change(s):  
 Total project cost increased from \$1,617,000 to \$10,748,467

ATTACHMENT B

Summary Report for TIP Action 21-51: Formal Amendment to the FY 2021-2024 Transportation Improvement Program							
TIP ID	PROJECT TITLE	COST BEFORE	COST AFTER	COST CHANGE	% CHANGE	CHANGE REASON	CHANGE SUMMARY
T11601	I-495 Next Transit Investment - Monitoring Funds	\$0	\$5,200,000	\$5,200,000		New project	STATE ▶ Add funds in FFY 22 in CON for \$5,200,000 <i>Total project cost \$5,200,000</i>
T11602	RICHMOND HIGHWAY CORRIDOR IMPROVEMENTS, PH 2	\$0	\$2,100,000	\$2,100,000		New project	STATE ▶ Add funds in FFY 22 in PE for \$2,100,000 <i>Total project cost \$2,100,000</i>
T6618	ROUTE 7/ROUTE 690 INTERCHANGE #SMART18	\$1,617,000	\$10,748,467	\$9,131,467	565	Programming Update	EB/MG ▶ Add funds in FFY 21 in PE for \$20,711 NHPP ▶ Add funds in FFY 22 in PE for \$8,424,167 STBG ▶ Add funds in FFY 22 in PE for \$686,589 <i>Total project cost increased from \$1,617,000 to \$10,748,467</i>
T6346	Syscolin Road Paving and Widening	\$0	\$3,878,437	\$3,878,437		Cost change(s), Programming Update	STATE ▶ Add funds in FFY 22 in PE for \$3,878,437 <i>Total project cost increased from \$0 to \$3,878,437</i>
T4070	VRE Storage Yards Improvements	\$0	\$20,022,586	\$20,022,586		Programming Update	SECT. 5337-SGR ▶ Add funds in FFY 22 in CON for \$20,022,586 <i>Four-year Program Total increased from \$0 to \$20,022,586</i>





# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.  
Commissioner

1401 East Broad Street  
Richmond, Virginia 23219

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

April 26, 2022

The Honorable Pamela Sebesky  
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 the following projects  
Interchange at VA 7 & VA 690 (UPC 111666, TIP 6618)  
I-495 Express Lanes Northern Extension –Phase 1 (UPC 115401, TIP 11577)  
Sycolin Road Widening (UPC 120774, TIP 6346)  
Richmond Highway – BRT (UPC 115549 [includes 115550], TIP 6680)

Dear Chair Sebesky:

The Virginia Department of Transportation (VDOT) requests an amendment to the FY 2021-2024 Transportation Improvement Program (TIP) to revise the funding for the subject projects.

The interchange at VA 7 & VA 690 includes adding a new interchange that contributes to the safety of travelers and enhances the integration and connectivity of the transportation network system with more access for travelers. This project is included in the air quality conformity analysis and request funding for this project is as follows:

Add \$20,711 (EB/MG) FFY21 PE Phase,  
Add \$656,589 (STP/STBG) & \$4,759,808 (NHPP) FFY22 PE Phase and  
Add \$3,664,359 (NHPP) FFY22 RW Phase.

The I-495 Express Lanes Northern Extension will complete the missing link for connection to the future express lanes on Maryland's side. This project will help with safety and congestion, and above all, help with reducing the air quality impact. This project is included in the air quality conformity analysis and request funding for this project as follows:

Add \$104,141,366 (PPP, PABs) FFY22 CN Phase,  
Add \$10,904,181 (TIFIA) FFY22 CN Phase  
Add \$148,516,742 (TIFIA Loan) FFY23 CN Phase,  
Add \$47,240,311 (State Funds, VTIB Loan) FFY23 CN Phase,  
Add \$39,205,356 (Concession) FFY23 CN Phase and  
Add \$124,411,101 (Concession) FFY24CN Phase.

Chair Sebesky  
April 26, 2022  
Page Two

The Sycolin Road widening in Loudoun County will complete the comprehensive plan for this roadway which will then help with both traffic safety and congestion. This project is included in the air quality conformity analysis and request funding for this project as follows:

Add \$3,878,437 (State Funds) FFY22 PE Phase

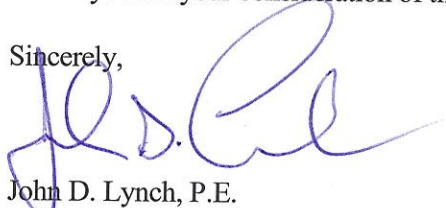
Richmond Highway BRT – Road Work between Huntington Metrorail Station & Fort Belvoir will contribute to accessibility, traffic safety and traffic congestion. This project is included in the air quality conformity analysis and request funding for this project as follows:

Add \$1,909,840 (Other: State) FFY22 PE Phase,  
Add \$77,684 (Other: State) FFY22 RW Phase,  
Add \$18,409,124 (CM) FFY22 CN Phase,  
Add \$13,334,323 (RSTP) FFY22 CN Phase,  
Add \$88,114,068 (Other: NVTA) FFY22 CN Phase,  
Add \$187,458 (Other: Local) FFY22 CN Phase,  
Add \$141,403 (Other: State) FFY22 CN Phase,  
Add \$19,898,478 (AC-RSTP) FFY22 CN Phase,  
Add \$1,692,282 (AC-CM) FFY22 CN Phase,  
Add \$40,518,348 (Other: NVTA) CN Phase,  
Add \$15,547,743 (Other: State) CN Phase,  
Add \$7,080,322 (ACC-RSTP) FFY22 CN Phase,  
Add \$1,692,282 (ACC-CM) FFY23 CN Phase,  
Add \$60,777,521 (Other: NVTA) FFY24 CN Phase,  
Add \$28,687,899 (Other: State) FFY24 CN Phase and  
Add \$7,198,199 (ACC-RSTP) FFY24 CN Phase.

VDOT requests the approval of this TIP Amendment by the Transportation Planning Board's Steering Committee at its meeting on May 6, 2022 meeting. VDOT's representative will be available to answer any questions about the amendment.

Thank you for your consideration of this request.

Sincerely,



John D. Lynch, P.E.  
Northern Virginia District Engineer

Cc: Ms. Maria Sinner, P.E., VDOT-NoVA,  
Mr. Amir Shahpar, PE., VDOT-NoVA





# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.  
Commissioner

1401 East Broad Street  
Richmond, Virginia 23219

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

April 26, 2022

The Honorable Pamela Sebesky  
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 the following projects  
Richmond Highway Corridor Improvements (Phase 2) - (UPC 120800, TIP 11602)  
I-495 Next Transit Investment (monitoring fund) - (UPC 120823, TIP 11601)

Dear Chair Sebesky:

The Virginia Department of Transportation (VDOT) requests an amendment to the FY 2021-2024 Transportation Improvement Program (TIP) to add funding for the subject projects.

The Richmond Highway improvements includes widening from 4 to 6 lanes and adding bike/ped facility between Frye Road & Sherwood Hall Road. This project is part of the corridor-wide improvements on Richmond Highway that will help with traffic congestions and is included in the conformity analysis. Therefore, I am requesting the adding of \$5,200,000 (State funding) for construction phase for FFY 2022 to be added to the TIP.

The I-495 Next Transit Investment is monitoring the fund setup to reimburse the localities for the transit cost. Therefore, I am requesting adding \$2,100,000 of Local funds to be added to the TIP.

VDOT requests approval of this TIP Amendment by the Transportation Planning Board's Steering Committee at their meeting on May 6, 2022. VDOT's representative will be available to answer any questions about the amendment.

Thank you for your consideration of this request.

Sincerely,

A handwritten signature in blue ink, appearing to read "John D. Lynch".

John D. Lynch, P.E.  
Northern Virginia District Engineer

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



April 28, 2022

Ms. Maria Sinner  
Assistant District Administrator  
Planning and Investment Management  
Virginia Department of Transportation  
4975 Alliance Drive, Suite 4E-342  
Fairfax, VA 22030

Dear Ms. Sinner:

The Potomac & Rappahannock Transportation Commission (PRTC) requests project amendment to the FY 2021-2024 Transportation Improvement Program (TIP) to reflect project funding updates. This project is already accounted for in the current conformity analysis or are conformity-exempt transit projects for the TIP. The changes to be made to the FY2021-2024 TIP are as outlined below:

- **VRE Storage Yards Improvements (VRE0007)**. This project provides for improvements to the yards and maintenance facilities to allow additional maintenance to be performed by VRE contractors or additional vehicles to be stored. This amendment will add \$20,022,586 to the construction phase of FY2022 of Federal Section 5337 funds.

PRTC and VRE request that the Transportation Planning Board's (TPB) 2021-2024 TIP and VDOT's FY 2021-2024 STIP be amended to reflect the change as project funds must be included in an approved TIP and STIP before PRTC/VRE can access these funds through the Federal Transit Administration grant application process.

Should you have any questions, please feel free to contact Cynthia Porter-Johnson at (703) 580-6147 or at [cporter-johnson@omniride.com](mailto:cporter-johnson@omniride.com). We greatly appreciate your assistance in facilitating this action.

Sincerely,

DocuSigned by:

A handwritten signature in black ink, appearing to read "R. Schneider", is placed over a blue DocuSign signature line.

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Robert A. Schneider, PhD  
Executive Director

cc: Cynthia Porter-Johnson, PRTC  
Christine Hoeffner, VRE  
Andrew Austin, MWCOG  
Cina Debastini, VDOT  
Marie Berry, VDRPT