

**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 THE I-495 EXPRESS LANES  
NORTHERN EXTENSION PROJECT AND FOR TWELVE PROJECTS ASSOCIATED WITH  
THE I-95 CORRIDOR IMPROVEMENT PAN, 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 2020-2024 TIP; and

**WHEREAS**, in the attached letters of March 30, 2020, VDOT has requested an amendment to the FY 2021-2024 TIP to include \$13.8 million in private funding for preliminary engineering in FY 2020 for the **I-495 Express Lanes Northern Extension project, (TIP ID 6624)** and \$59 million in advanced construction funding for preliminary engineering in FY 2020 on **twelve (12) projects associated with the I-95 Corridor Improvement Plan (TIP IDs 6714-6725)**, as described here and in the attached materials:

<b>TIP ID</b>	<b>PROJECT TITLE</b>	<b>FY 2020 Amount</b>
6714	I-95 CIP Project Refinement	\$1,000,000
6715	I-95 CIP CCTV Program UPC - Funding Source Only	\$15,606,0000
6716	I-95 CIP Changeable Message Signs Program UPC	\$3,240,000
6717	I-95 CIP Safety Service Patrols - Program UPC	\$4,100,000
6718	I-95 CIP Trip Towing	\$2,200,000
6719	I-95 CIP Towing Program	\$1,200,000
6720	I-95 CIP Variable Speed Limits - Program UPC	\$15,145,000
6721	I-95 CIP Ramp Metering Program UPC	\$5,700,000
6722	I-95 CIP Geofenced Emerging Notifications- Program UPC	\$200,000
6723	I-95 CIP Advanced Work Zone Technology - Program UPC	\$1,000,000
6724	I-95 CIP Regional Multimodal Mobility - Program UPC	\$5,400,000
6725	I-95 CIP Corridor Tech Improvements Program UPC	\$4,300,000
<i>Total Amount of AC Funding Amended into FY 2020:</i>		<b>\$59,091,000</b>

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

**WHEREAS**, the I-495 Northern Express Lanes project is included in the Air Quality Conformity Analysis of the 2020 Amendment to Visualize 2045 and the FY 2021-2024 TIP (CON IDs 40/VI4K and 41/VI4KA), and all twelve I-95 Corridor Improvement Plan 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 2021-2024 TIP to include \$13.8 million in private funding for preliminary engineering in FY 2020 for the **I-495 Express Lanes Northern Extension project (TIP ID 6624)**, and \$59 million in advanced construction funding in FY 2020 for planning and engineering on these **twelve projects associated with the I-95 Corridor Improvement Plan (TIP IDs 6714-6725)**, as described in the attached materials.



# 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

March 30, 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 I-495 Express Lanes Northern Extension

Dear Chairman Russell:

The Virginia Department of Transportation (VDOT) requests an amendment to the FY 2021-2024 Transportation Improvement Program (TIP) to revise the funding for preliminary engineering for the 495 NEXT project. 495 NEXT will extend the I-495 Express Lanes from their current termini near Tysons northward to the American Legion Bridge. Virginia is carefully coordinating this project with Maryland's planned new Express Lanes and American Legion Bridge improvements.

The amendment will add approximately \$13,8 million in private funding to FY 2020 of the TIP for preliminary engineering and environmental studies. This is in addition to \$6 million in federal funds already programmed for FY 2018. This project is included in the Visualize 2045 Air Quality Conformity Analysis and the funding was anticipated in the Visualize 2045 Financial Plan.

VDOT requests approval of this TIP Amendment by the Transportation Planning Board's Steering Committee at its meeting on April 2, 2020. 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,

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

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



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March 30, 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 2019-2024 Transportation Improvement Program Amendment for I-95 Operational Improvements

Dear Chairman Russell

The Virginia Department of Transportation (VDOT) requests an amendment to the FY 2021-2024 Transportation Improvement Program (TIP) to revise the funding for several operational improvements on Interstate 95. These operational improvements are the first projects resulting from Virginia's multimodal I-95 Corridor Improvement Plan, developed during 2019. Additional capital projects will added later in 2020 after similar studies have been completed on other major Virginia Interstate corridors and the Commonwealth Transportation Board develops interstate improvement prioritization and funding criteria The study area for the Corridor plan extended from the Capital Beltway to the North Carolina border. More information about the Plan is available at [http://www.ctb.virginia.gov/projects/major\\_projects/i-95\\_study.asp](http://www.ctb.virginia.gov/projects/major_projects/i-95_study.asp).

The operational improvements are expected to reduce congestion and improve safety by providing CCTV Program, Changeable Message Signs, Safety Service Patrols, a Towing Program, and Variable Speed Limits, Ramp Metering, Advanced Work Zone Technology and more as listed below:

TIP	UPC	Project on I-95 at various locations within VA State limits	AC Funds Added to FY 20 / PE
6714	116597	Project Refinement	Add \$1,000,000
6715	116651	CCTV (Video ) Program UPC - Funding Source Only	Add \$15,605,683
6716	116652	Changeable Message Signs Program	Add \$3,240,000
6717	116653	Safety Service Patrols- Program	Add \$4,100,000
6718	116654	TRIP Towing - Program	Add \$2,200,000
6719	116655	Towing Program - Program	Add \$1,200,000
6720	116656	Variable Speed Limits - Program	Add \$15,144,615


6721	116657	Ramp Metering - Program	Add \$5,700,000
6722	116658	Geo-fenced Emergency Notifications	Add \$200,000
6723	116659	Advanced Work Zone Technology - Program	Add \$1,000,000
6724	116660	Regional Multimodal Mobility - Program	Add \$5,400,000
6725	116661	Corridor Tech Improvements Program	Add \$4,300,000

These projects are exempt from Air Quality Conformity Analysis. The Advance Construction funding was anticipated in the Visualize 2045 Financial Plan.

VDOT requests approval of this TIP Amendment by the Transportation Planning Board's Steering Committee at its meeting on April 3, 2020. 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,

*for* 

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

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

# FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Amendment/Administrative Modification Report for TPB Steering Committee Action on  
April 3, 2020

All amounts shown in \$1,000s

**Agency:** Virginia Department of Transportation

**Title:** I-495 Express Lanes Northern Extension

<b>TIP ID:</b>	6624	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	113414	Extend I-495 HOT Lanes north to the American Legion Bridge from south of their current northern terminus in the vicinity of Old Dominion Drive to the American Legion Bridge.		
<b>Facility:</b>	I 495 Beltway			
<b>From:</b>	S. of Existing Express Lanes			
<b>To:</b>	American Legion Bridge			

**Total Cost: \$19,800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2024		
NHPP	100/0/0	6,000 a							
PRIV	0/0/0		13,800 a						

Amendment or Modification Description and Approval Date

<b>Amendment:</b> 21-001: Amend New Project to FY 2021-2024 TIP	<b>Requested on:</b> 4/3/2020
Amend project into the FY 201-2024 TIP with \$13.8 million in Private (PRIV) funding for PE in FY 2020	

**Title:** I-95 CIP Project Refinement

<b>TIP ID:</b>	6714	<b>Description:</b>	<b>Projected completion:</b>	2021
<b>Agency ID:</b>	116597	To perform pre-scoping, preliminary environmental, and other advanced project refinement activities in support of I-95 Corridor Improvement Plan.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

**Total Cost: \$1,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2024		
AC	100/0/0		1,000 a						

Amendment or Modification Description and Approval Date

<b>Amendment:</b> 21-001: Amend New Project to FY 2021-2024 TIP	<b>Requested on:</b> 4/3/2020
Add \$1,000,000 AC fund for PE Phase in FY20	

# FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Amendment/Administrative Modification Report for TPB Steering Committee Action on  
April 3, 2020

All amounts shown in \$1,000s

## Title: I-95 CIP CCTV Program UPC - Funding Source Only

<b>TIP ID:</b>	6715	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116651			
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

Total Cost: **\$15,606**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2024	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0		15,606	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$15,605683 AC fund for PE Phase in FY20	

## Title: I-95 CIP Changeable Message Signs Program UPC

<b>TIP ID:</b>	6716	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116652	Program UPC for I-95, Funding source only for Changeable Message Signs; Funding Source only; This UPC is not for expenditures. Child UPCs will be developed to accomplish the scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

Total Cost: **\$3,240**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2024	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0		3,240	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$3,240,000 AC fund for PE Phase in FY20	

# FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Amendment/Administrative Modification Report for TPB Steering Committee Action on  
**April 3, 2020**

All amounts shown in \$1,000s

## Title: I-95 CIP Safety Service Patrols - Program UPC

<b>TIP ID:</b>	6717	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116653	Program UPC for I-95 CIP; UPC is a funding source only; not to incur expenditures; Child UPCs will be developed to accomplish scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

**Total Cost: \$4,100**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2024	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0		4,100	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$4,100,000 AC fund for PE Phase in FY20	

## Title: I-95 CIP Trip Towing

<b>TIP ID:</b>	6718	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116654	Program UPC - Funding source only for I-95; UPC not to incur expenditures; Child projects will be developed to accomplish scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

**Total Cost: \$2,200**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2024	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0		2,200	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$2,200,000 AC fund for PE Phase in FY20	



# FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Amendment/Administrative Modification Report for TPB Steering Committee Action on  
**April 3, 2020**

All amounts shown in \$1,000s

## Title: I-95 CIP Towing Program

<b>TIP ID:</b>	6719	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116655	Program UPC; Funding source only; UPC will not incur expenditures; Child UPCs will be developed to accomplish the scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

Total Cost: **\$1,200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2024	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0		1,200	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$1,200,000 AC fund for PE Phase in FY20	

## Title: I-95 CIP Variable Speed Limits - Program UPC

<b>TIP ID:</b>	6720	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116656	Program UPC; Funding source only for I-95 Corridor; UPC will not incur expenditures; Child UPCs will be developed to accomplish the scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

Total Cost: **\$15,145**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2024	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0		15,145	a					

Amendment or Modification Description and Approval Date

# FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Amendment/Administrative Modification Report for TPB Steering Committee Action on  
**April 3, 2020**

All amounts shown in \$1,000s

## Title: I-95 CIP Ramp Metering Program UPC

<b>TIP ID:</b>	6721	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116657	Program UPC; Funding source only for I-95 Corridor; UPC will not incur expenditures; Child UPCs will be developed to accomplish the scope of work		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

**Total Cost: \$5,700**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2024		
AC	100/0/0		5,700	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$5,700,000 AC fund for PE Phase in FY20	

## Title: I-95 CIP Geofenced Emerg Notifications- Program UPC

<b>TIP ID:</b>	6722	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116658	Program UPC - Serves as a funding source; UPC will not incur expenditures; Child UPCs will be developed to accomplish scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

**Total Cost: \$200**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2024		
AC	100/0/0		200	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$200,000 AC fund for PE Phase in FY20	

# FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Amendment/Administrative Modification Report for TPB Steering Committee Action on  
**April 3, 2020**

All amounts shown in \$1,000s

## Title: I-95 CIP Advanced Work Zone Technology - Program UPC

<b>TIP ID:</b>	6723	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116659	Program UPC - Serves as a funding source; UPC will not incur expenditures; Child UPCs will be developed to accomplish scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

Total Cost: **\$1,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2024		
AC	100/0/0		1,000	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$1,000,000 in AC fund for PE Phase in FY20	

## Title: I-95 CIP Regional Multimodal Mobility - Program UPC

<b>TIP ID:</b>	6724	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116660	Program UPC - Funding Source only; Project will not incur expenditures; Child projects will be developed to accomplish the scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

Total Cost: **\$5,400**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2024		
AC	100/0/0		5,400	a					

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$5,400,000 AC fund for PE Phase of FY20	

# FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Amendment/Administrative Modification Report for TPB Steering Committee Action on  
**April 3, 2020**

All amounts shown in \$1,000s

**Title: I-95 CIP Corridor Tech Improvements Program UPC**

<b>TIP ID:</b>	6725	<b>Description:</b>	<b>Projected completion:</b>	2025
<b>Agency ID:</b>	116661	Program UPC - Funding Source for I-95; Project will not incur expenditures; Child UPCs will be developed to accomplish scope of work.		
<b>Facility:</b>	I 95			
<b>From:</b>	VA STATE LINE			
<b>To:</b>	VA STATE LINE			

**Total Cost: \$4,300**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2024		
AC	100/0/0		4,300 a						

Amendment or Modification Description and Approval Date

<b>Amendment: 21-001: Amend New Project to FY 2021-2024 TIP</b>	<b>Requested on: 4/3/2020</b>
Add \$4,300,000 AC fund for PE phase in 2020	