

ITEM 11 –Action

April 19, 2017

Approval to Amend the FY 2017-2022 (TIP) to add nine
New Projects to the FY 2017-2022 TIP, As Requested
By the Virginia Department of Transportation (VDOT)

Staff

Recommendation: Approve Resolution R22-2017 to amend
the FY 2017-2022 TIP.

Issues: None

Background: VDOT has requested an amendment to
add the I-66 Outside the Beltway project
and the I-395 Express Lanes Northern
Extension and related projects to the FY
2017-2022 TIP. These projects are
already included in the Air Quality
Conformity Analysis of the 2016 CLRP
Amendment. On April 7, 2017, the
Steering Committee reviewed the
amendment and recommended approval.

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

RESOLUTION ON AN AMENDMENT TO THE FINANCIALLY CONSTRAINED LONG-RANGE TRANSPORTATION PLAN (CLRP) AND THE FY 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO INCLUDE FUNDING FOR FIVE PROJECTS ASSOCIATED WITH THE I-395 EXPRESS LANES NORTHERN EXTENSION PROJECT AND TWO PROJECTS ASSOCIATED WITH THE TRANSFORM I-66 OUTSIDE THE BELTWAY PROJECT, 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 CLRP contains the programs and projects that the region's transportation agencies have committed to fund, build and operate through 2040; 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 2016 Amendment to the CLRP and the FY 2017-2022 TIP; and

WHEREAS, in the attached letters of March 31, 2017, VDOT has requested that the CLRP be amended to update the project cost for the I-395 Express Lanes Northern Extension project to \$462 million, to update the project cost for the Transform I-66 Outside the Beltway to \$3.388 billion, and to amend the FY 2017-2022 TIP to include funding for five sub-projects related to the I-395 Express Lanes Northern Extension project, and to include funding for two sub-projects related to the Transform I-66 Outside the Beltway project:

I-395 Express Lanes Northern Extension Related Projects

- \$303.5 million in private (Private Activity Bonds, Equity, and Virginia Transportation Infrastructure Bank loan) funding for construction of the I-395 Express Lanes Northern Extension project (TIP ID 6593)
- \$34 million in advanced construction (AC) funding in FY 2017 for the I-395 Northern Extension project owner costs (TIP ID 6587)
- \$10 million in AC funding in FY 2017 for the I-395 Northern Extension Multi-Modal Access to Pentagon project (TIP ID 6588)
- \$57.5 million in Fast Lane Grant and State funding in FY 2017 for construction for the I-395 Construct 4th Southbound Lane project (TIP ID 6121)
- \$7 million in AC funding in FY 2017 for construction for the I-395 Auxiliary Lane – Soundwalls project (TIP ID 6589)

- \$4 million in AC funding in FY 2017 for construction for the Edsall Road Walkway project (TIP ID 6592)
- \$0.5 million in National Highway Performance Program (NHPP) and \$2.28 million in AC funding in FY 2017 for construction of the Northbound I-395 Auxiliary Lane (Duke S. to Seminary Rd.) (TIP ID 5966), and

Transform I-66 Outside the Beltway Related Projects

- \$1.33 billion in private (TIFIA Loan, Deb, and Equity for Express Mobility Partners) funding between FY 2017 and 2018 for the Transform I-66 Outside the Beltway project (TIP ID 6585)
- \$85 million in AC funding in FY 2107 for the Transform I-66 Oversight project (TIP ID 6549), as described in the attached materials.

WHEREAS, the TPB Steering Committee reviewed this proposed amendment at its meeting on April 7, 2017 and has recommended it for approval by the full TPB at its April 19, 2017 meeting, and

WHEREAS, these projects are already included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the CLRP to update the project cost for the I-395 Express Lanes Northern Extension project to \$462 million, to update the project cost for the Transform I-66 Outside the Beltway to \$3.388 billion, and amends the FY 2017-2022 TIP to include funding for five sub-projects related to the I-395 Express Lanes Northern Extension project and to include funding for two sub-projects related to the Transform I-66 Outside the Beltway project:

I-395 Express Lanes Northern Extension Related Projects

- \$303.5 million in private (Private Activity Bonds, Equity, and Virginia Transportation Infrastructure Bank loan) funding for construction of the I-395 Express Lanes Northern Extension project (TIP ID 6593)
- \$34 million in AC funding in FY 2017 for the I-395 Northern Extension project owner costs (TIP ID 6587)
- \$10 million in AC funding in FY 2017 for the I-395 Northern Extension Multi-Modal Access to Pentagon project (TIP ID 6588)
- \$57.5 million in Fast Lane Grant and State funding in FY 2017 for construction for the I-395 Construct 4th Southbound Lane project (TIP ID 6121)
- \$7 million in AC funding in FY 2017 for construction for the I-395 Auxiliary Lane – Soundwalls project (TIP ID 6589)
- \$4 million in AC funding in FY 2017 for construction for the Edsall Road Walkway project (TIP ID 6592)
- \$0.5 million in NHPP and \$2.28 million in AC funding in FY 2017 for construction of the Northbound I-395 Auxiliary Lane (Duke S. to Seminary Rd.) (TIP ID 5966), and

Transform I-66 Outside the Beltway Related Projects

- \$1.33 billion in private (TIFIA Loan, Deb, and Equity for Express Mobility Partners) funding between FY 2017 and 2018 for the Transform I-66 Outside the Beltway project (TIP ID 6585)
- \$85 million in AC funding in FY 2107 for the Transform I-66 Oversight project (TIP ID 6549), as described in the attached materials.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive
Fairfax, VA 22030

CHARLES A. KILPATRICK, P.E.
COMMISSIONER

March 31, 2017

The Honorable Bridget Newton, 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: National Capital Region FY 2017-2022 Transportation Improvement Program
Amendments for I-395 Express Lanes Northern Extension and related projects; and a request to increase the total CLRP cost estimate for the I-395 Express Lanes Northern Extension

Dear Ms. Newton:

The Virginia Department of Transportation (VDOT) requests amendments to the FY 2017-2022 Transportation Improvement Program (TIP) to add funding to the following projects:

VDOT UPC #	Project	Phase	New Funding	Comments
110739	I-395 EXPRESS LANES NORTHERN EXTENSION (P3 Project)	CN	\$303.5M	Construct I-395 Express Lanes Northern Extension from Turkeycock Run to the vicinity of Eads Street.
108361	I-395 NORTHERN EXTENSION PROJECT OWNER (VDOT) COSTS (2A)	RW & CN	\$34M	Oversight and management, bridge rehab and RW for I-395 Express Lanes and Duke/Edsall Widening.
110728	I-395 NORTHERN EXTENSION MULTI-MODAL ACCESS TO PENTAGON (2B)	CN	\$10M	Improve multi-modal access to Pentagon

103316	I-395 CONSTRUCT 4TH SOUTHBOUND LANE (2C) 103316	CN	\$57.5M	4th continuous lane to relieve recurring congestion in SB I-395 GP lanes between Duke/Little River Turnpike) and Edsall Road Interchanges.
110729	I-395 AUXILIARY LANE – SOUNDWALLS	CN	\$7M	Noise wall for the I-395 Auxiliary Lane project. (UPC 102437)
110740	Edsall Rd. Walkway	CN	\$4M	Construct a sidewalk on the north side of Edsall Road from Cherokee Avenue to 200 feet north of Beryl Road.
102437	I-395 Auxiliary Lane	CN	\$2.78M	Improve capacity by adding an auxiliary lane.

These projects are included in TPB’s approved 2016 CLRP and Air Quality Conformity Analysis. The funding amounts and sources reflect recent updates to total costs and planned obligations scheduled to be added to the VDOT Six Year Improvement Program at the April 19, 2017 meeting of the Virginia Commonwealth Transportation Board. The amendments, shown in more detail in the attached TIP tables, will not change the fiscal constraint status of the TIP because they will be fully funded by the sources mentioned above.

Please note that the funding for UPC 110739, the I-395 Express Lanes Northern Extension Public Partnership (P3) project, consists of Private Activity Bonds (PABs), a Virginia Transportation Infrastructure Bank (VTIB) loan, and equity. The private partner will be responsible for the loan repayments. We have entered this funding information in the project description and entered the funding source as PRIV (Private) in the TPB iTIP database. We are also requesting to increase the total CLRP cost estimate for the I-395 Express Lanes Northern Extension to \$462 million based on the most current estimates.

VDOT requests that these amendments be placed on the agenda of the Transportation Planning Board’s Steering Committee at its meeting on April 7, 2017. We understand that final action by the full TPB will be added to the April 19, 2017 TPB agenda. VDOT’s representative will attend the meetings and will 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

cc:

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



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive
Fairfax, VA 22030

CHARLES A. KILPATRICK, P.E.
COMMISSIONER

March 31, 2017

The Honorable Bridget Newton, 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: National Capital Region FY 2017-2022 Transportation Improvement Program Amendments for Transform I-66 Outside the Beltway (OTB) Construction Phase, and a request to increase the total CLRP cost estimate for Transform I-66 OTB.

Dear Ms. Newton:

The Virginia Department of Transportation (VDOT) requests amendments to the FY 2017-2022 Transportation Improvement Program (TIP) to add funding to the following projects:

VDOT UPC #	Project	Phase	New Funding	Comments
110741	TRANSFORM I-66 OUTSIDE THE BELTWAY (P3 Project)	CN	\$ 1.3352B	Multimodal project providing 2 Express Lanes & 3 general purpose lanes in each direction, with a median width designed to accommodate future high quality transit.
110496	TRANSFORM I-66 OTB OVERSIGHT PROJECT	CN	\$85M	Oversight project for Transform I-66 OTB; this is a breakout project of UPC 108826

The Transforming I-66 Outside the Beltway multi-modal project is included in the TPB's approved 2016 CLRP and Air Quality Conformity Analysis. The funding amounts and sources reflect recent updates to total costs and planned obligations scheduled to be added to the VDOT Six Year Improvement Program at the April 19, 2017 meeting of the Virginia Commonwealth Transportation Board. The amendments, shown in more detail in the attached TIP tables, will not change the fiscal constraint status of the TIP.

Please note that the funding for UPC 110741, the Transform I-66 Outside the Beltway Public Partnership (P3) project, consists of a TIFIA loan, debt and equity, with all repayments coming from the P3 private partner. We have included this information in the Project Description and entered the funding source as PRIV (Private) in the TPB iTIP database. We also request a CLRP amendment to increase the total cost estimate for Transform I-66 OTB to \$3.388 billion, based on the most current cost estimates.

VDOT requests that these amendments be placed on the agenda of the Transportation Planning Board's Steering Committee at its meeting on April 7, 2017, with final action by the TPB to be scheduled for the April 19 or May 17 2017 TPB meetings. VDOT's representative will attend the meetings and will 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

cc:

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

**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	
NB I-395 Auxiliary Lane (Duke St. to Seminary Road)											
TIP ID: 5966	Agency ID: 102437	Title: NB I-395 Auxiliary Lane (Duke St. to Seminary Road)				Project Cost: \$9,298					Complete:
Facility: I 395	AC	100/0/0	13,005 c	2,282 c	843 a					10,504	
From: Duke street					7,379 c						
To: Seminary Road											
	AC Conversion	100/0/0	1,699 a 224 b 29,377 c								
	NHPP	100/0/0		5,000 c	556 a					5,556	
	NHS	80/20/0	1,000 a 500 b								
Total Funds:										16,060	

Description: The project involves the construction of an auxiliary lane on I-395 from the Duke Street on-ramp to the Sanger Avenue Bridge.

Amendment: Release/Add Funding **Requested on: 4/19/2017**
 Release \$1,698,947 (AC-NH) Prev. & conversion of the same in FFY15 PE phase; release \$224,000 (AC-NH) Prev. & conversion of the same in FFY15 RW phase; add \$9,855 (Public Lands) & \$4,949,528 (NHPP/E) Prev., release \$12,338,700 (AC-NH) Prev., release \$3,169,882 (ACC-NHPP) FFY15, add \$499,577 (NHPP/E) FFY17, add \$2,282,090 (AC-Other State) FFY17 CN phase.

I-395 Construct 4th Southbound Lane											
TIP ID: 6121	Agency ID: 103316	Title: I-395 Construct 4th Southbound Lane				Project Cost: \$64,000					Complete:
Facility: I Henry G. Shirley Memorial Highway southb	AC	100/0/0	1,075 a								
From: VA Duke Street north of											
To: VA Edsall Road south of	FASTLANE	100/0/0		57,500 c						57,500	
	HSIP	90/10/0	1,075 a								
Total Funds:										57,500	

Description: The project will add a continuous south bound lane on I 395 between the above limits. The project is to relieve the recurring daily congestion and the associated safety concerns in this segment of the facility. As presently configured southbound I 395 has four though lanes upstream of the Duke Street interchange but three lanes past Duke Street. This project will extend the existing fourth lane through the Duke Street interchange all the way to the Edsall Rd. interchange. This additional lane is expected to provide for improved and safer traffic operations along this segment of SB I 395.

Amendment: Add Funding **Requested on: 4/19/2017**
 Add \$57,500,000 (Fast Lane Grant & State) FFY17 CN phase.

**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
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I-66 Corridor Improvements Project

TIP ID: 6549	Agency ID: 110496	Title: TRANSFORM I-66 OVERSIGHT PROJECT					Project Cost: \$100,000	Complete:
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Facility: I 66	AC	100/0/0		15,000 a						100,000
From: I 495 Beltway				85,000 c						
To: US 15										
Total Funds: 100,000										

Description:

Amendment: Add New Project	Approved on: 2/3/2017
Amend this project into the FY 2017-2022 TIP with \$15 million in advanced construction funding for PE in FY 2017.	
Amendment: Add Funding	Requested on: 4/19/2017
Add \$85,000,000 (AC OTHER Concession Funds) FFY17 CN	

TRANSFORM66 OUTSIDE THE BELTWAY (P3 Project)

TIP ID: 6585	Agency ID: 110741	Title: TRANSFORM66 OUTSIDE THE BELTWAY (P3 Project)					Project Cost: 3,388,000	Complete:
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Facility: I 66	PRIV	100/0/0		677,600 c	677,600 c					1,355,200
From: I 495										
To: US 15										
Total Funds: 1,355,200										

Description: The Transform 66 Outside the Beltway Project is a multimodal project which will provide 2 Express Lanes & 3 general purpose lanes in each direction, with a median width designed to accommodate future high quality transit. Anticipated funds to consist of TIFIA Loan, Debt, and Equity for Express Mobility Partners

Amendment: Add New Project	Requested on: 4/19/2017
Amend project into the FY 2017-2022 TIP with \$1.335 billion in FY 2017-2018 for construction. Anticipated funds to consist of TIFIA Loan, Debt, and Equity for Express Mobility Partners	

I-395 NORTHERN EXTENSION PROJECT OWNER COSTS (2A)

TIP ID: 6587	Agency ID: 108361	Title: I395 Project owner's cost					Project Cost: \$34,000	Complete:
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Facility: I 395	AC	100/0/0		700 b						34,000
From: Edsall Road				33,300 c						
To: Washington D.C.										
Total Funds: 34,000										

Description: I395 Project owner's cost for oversight and management, general purpose bridge rehabilitation and RW for I395 Express and Duke/Edsall Widening. Connected to the Atlantic Gateway Grant 2 A

3/30/2017
TIP AMD - add \$700,000 (AC OTHER State) FFY17 RW phase; add \$33,300,000 (AC OTHER State, and Fast Lane Grant) FFY17 CN phase.

Amendment: Add New Project	Requested on: 4/19/2017
Amend project into the FY 2017-2022 TIP with \$34 million in advanced construction funding for ROW acquisition and construction in FY 2017.	

**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
I-395 NORTHERN EXTENSION MULTI-MODAL ACCESS TO PENTAGON (2B)										
TIP ID: 6588	Agency ID: 110728		Title: I-395 NORTHERN EXTENSION MULTI-MODAL ACCESS TO PENTA				Project Cost: \$10,000		Complete:	
Facility: I 395	AC	100/0/0		10,000 c						10,000
From: Edsall Road										Total Funds: 10,000
To: Washington D.C. Line										
Description: IMPROVING MULTI-MODAL ACCESS TO PENTAGON										

Amendment: Add New Project **Requested on: 4/19/2017**
 Amend this project into the FY 2017-2022 TIP with \$10 million in advanced construction funding for construction in FY 2017.

Construct noise barrier to fulfill environmental commitments from the I395 Auxiliary Lane project. N										
TIP ID: 6589	Agency ID: 110729		Title: I395 AUXILIARY LANE - SOUNDWALLS				Project Cost: \$7,000		Complete:	
Facility: I 395	AC	100/0/0		7,000 c						7,000
From: 0.280 mi. north of Duke Street										Total Funds: 7,000
To: 0.048 mi. south of Sanger Avenue										
Description: Construct noise barrier to fulfill environmental commitments from the I395 Auxiliary Lane project. NEPA under UPC 102437 project										
3/30/2017 TIP AMD - add \$7,000,000 (AC-OTHER State) FFY17.										

Amendment: Add New Project **Requested on: 4/19/2017**
 Amend this project into the FY 2017-2022 TIP with \$7 million in advanced construction funding for construction in FY 2017.

EDSALL ROAD WALKWAY										
TIP ID: 6592	Agency ID: 110740		Title: EDSALL ROAD WALKWAY				Project Cost: \$4,000		Complete: 2020	
Facility: VA 648 Edsall Road	AC	100/0/0		4,000 c						4,000
From: Cherokee Avenue										Total Funds: 4,000
To: 200 feet N of Beryl Road										
Description: FROM: Cherokee Avenue TO: 200 feet N of Beryl Road (0.5000 MI)										

Amendment: Add New Project **Requested on: 4/19/2017**
 Amend this project into the FY 2017-2022 TIP with \$4 million in advanced construction funding for construction in FY 2017.

**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	
395 Express Lanes Project in Northern Virginia										
TIP ID: 6593	Agency ID: 110739	Title: I-395 EXPRESS LANES NORTHERN EXTENSION				Project Cost: \$462,000				Complete:

Facility: I 395	PRIV	100/0/0	303,523	c					303,523
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From: VA 648 Edsall Road

To: Washington DC Line

Total Funds: 303,523

Description: To construct I395 Express Lanes Northern Extension from Edsall Road to Washington DC Line. (Consessionaire Transurban)

Amendment: Add New Project

Requested on: 4/19/2017

Amend project into FY 2017-2022 TIP with \$303.5 million for construction in FY 2017. Anticipated funds consist of Private Activity Bonds (PABs), Equity, and Virginia Transportation Infrastructure Bank (VTIB) loan.