

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

RESOLUTION ON AN AMENDMENT TO 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 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 FY 2017-2022 TIP; and

WHEREAS, in the attached letters of March 31, 2017, MDOT has requested that the FY 2017-2022 TIP be amended 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 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 | 26,010 c | 2,282 c | 1,686 a | | | | | 18,726 | |
| From: Duke street | | | | | 14,758 c | | | | | | |
| To: Seminary Road | | | | | | | | | | | |
| | AC Conversion | 100/0/0 | 3,398 a 448 b 58,754 c | | | | | | | | |
| | NHPP | 100/0/0 | | 5,000 c | 1,112 a | | | | | 6,112 | |
| | NHS | 80/20/0 | 2,000 a 1,000 b | | | | | | | | |
| Total Funds: | | | | | | | | | | 24,838 | |

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 | 2,150 a | | 2,482 a | | | | | 2,482 | |
| 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 | 2,150 a | | | | | | | | |
| Total Funds: | | | | | | | | | | 59,982 | |

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 |
|--|--------|------------|------------------|---------|---------|---------|---------|---------|---------|--------------|
|--|--------|------------|------------------|---------|---------|---------|---------|---------|---------|--------------|

I-66 Corridor Improvements Project

| | | | | | | | | |
|---------------------|--------------------------|--|--|--|--|--|--------------------------------|-----------|
| TIP ID: 6549 | Agency ID: 110496 | Title: TRANSFORM I-66 OVERSIGHT PROJECT | | | | | Project Cost: \$100,000 | Complete: |
|---------------------|--------------------------|--|--|--|--|--|--------------------------------|-----------|

| | | | | | | | | | | |
|---------------------|----|---------|--|----------|--|--|--|--|--|-----------------------------|
| 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: |
|---------------------|--------------------------|--|--|--|--|--|--------------------------------|-----------|

| | | | | | | | | | | |
|----------------|------|---------|--|-----------|-----------|--|--|--|--|-------------------------------|
| 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: |
|---------------------|--------------------------|---|--|--|--|--|-------------------------------|-----------|

| | | | | | | | | | | |
|---------------------|----|---------|--|----------|--|--|--|--|--|----------------------------|
| 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

| | |
|---|--------------------------------|
| 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
 To: Washington D.C. Line **Total Funds: 10,000**
 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
 To: 0.048 mi. south of Sanger Avenue **Total Funds: 7,000**
 Description: Construct noise barrier to fulfill environmental commitments from the I395 Auxiliary Lane project. NEPA under UPC 102437 project

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
 To: 200 feet N of Beryl Road **Total Funds: 4,000**
 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.

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
 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.