

C. FY 2018-2021 TIP Amendment Request: UPC T23595

Attached is a request from the Virginia Department of Transportation (VDOT) to amend the FY 2018-2021 Transportation Improvement Program (TIP) to add one project as described below:

- **UPC T23595 – I-64 Toll Integration – Fiber Optic Communications**
 - Add project to TIP
 - Description: Provide fiber optic communications connection between the District Office and the Transportation Operations Center (TOC) wide area network. The interconnection will consist of splicing existing fiber optic cable at the District Office, along the I-664 corridor and at the Bowers Hill hub building and I-664 hub building.
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$0
 - Right of Way (RW): \$0
 - Construction (CN): \$5,000
 - Total Cost Estimate: \$5,000
 - Schedule as follows:
 - PE Phase: N/A
 - RW Phase: N/A
 - CN Phase: Start: 11/10/2020; End: 9/17/2021
 - Allocations
 - Add FY 2020 Toll Facility Revolving Account (TFRA) allocation of \$5,000
 - Obligations
 - Add FY 2020 CN Phase Other obligation of \$5,000

This project is not currently included in the Hampton Roads FY 2018-2021 TIP or Hampton Roads 2040 LRTP; however, the project is not considered regionally significant and therefore does not require a new conformity determination.

This request was made available for public review and comment from February 6, 2020 through February 20, 2020. No public comments were received.

Mr. Eric Stringfield, VDOT Hampton Roads District Transportation Planning Director, will be available to answer questions on this item.

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RECOMMENDED ACTION:

Recommend HRTPO Board approval of the TIP amendment contingent upon receipt of a positive report by the Hampton Roads Transportation Accountability Commission (HRTAC) on March 19, 2020 with regard to continued progress on the Master Tolling Agreement.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
HAMPTON ROADS DISTRICT
7511 Burbage Drive
SUFFOLK, VIRGINIA 23435

Stephen C. Brich, P.E.
Commissioner

January 31, 2020

Mr. Robert A. Crum, Jr.
Executive Director
Hampton Roads Transportation Planning Organization
The Regional Building, 723 Woodlake Drive
Chesapeake, Virginia 23320

RE: FY 2018-21 HRTPO TIP Amendment T23595

Dear Mr. Crum,

The Virginia Department of Transportation (VDOT) requests a TIP Amendment from the Hampton Roads Transportation Planning Organization (HRTPO) to add project T23595– I-64 Toll Integration – Fiber Optic Communications to the FY 2018-2021 TIP. This project will provide Fiber Optic Communications connection between the District Office and the Transportation Operations Center (TOC) wide area network. This communications interconnection will be performed by an on-call contractor and consists of splicing existing fiber optic cable at the District Office, along the I-664 corridor and at the Bowers Hill hub building and the I-664 hub building.

In September 2017, the Commonwealth Transportation Board (CTB) advanced \$10,000,000 from the Toll Facility Revolving Account (TFRA) and allocated these funds to pay the costs of associated work to begin the engineering analysis and construction of tolling infrastructure on I-64 beginning near the I-664/I-264 Interchange in Chesapeake and extending to the vicinity of the I-264 Interchange in Norfolk. The FY 2018-2021 TIP was amended to add the PE phase for I-64 Express Lanes- Segment 2, UPC 112923, to begin the engineering.

On January 15, 2020, the CTB approved a resolution to advance additional TFRA funding up to \$28,000,000 to support the construction and tolling integration on Interstate 64 from the I-664/I-264 Interchange to Interstate 264, including tolling integration costs for the High Rise Bridge, and related efforts for a regional Express Lanes Network in Hampton Roads. The construction

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and tolling integration components will include one project to construct civil works for I-64 Express Lanes Segment 2 and three projects for tolling integration that will encompass the I-64 Express Lanes Segment 2 and High Rise Bridge. The total cost estimate of the construction and tolling integration projects is \$38,000,000 as shown below.

- UPC 112923, I-64 Express Lanes- Segment 2, estimate \$25,000,000
- T23596, I-64 Toll Integration - Systems Integrator, estimate \$12,795,320
- T23595, I-64 Toll Integration - Fiber Optic Communications, estimate \$5,000
- T23594, I-64 Toll Integration - Hampton Roads District Office, estimate \$199,680

To that end we request UPC T23595 be added including the following information to the FY 2018-21 TIP:

- UPC T23595 – I-64 Toll Integration – Fiber Optic Communications
 - Add (FY20) CN Obligations (Federal – Other) \$ 5,000
 - Add Estimate \$ 5,000

PE Phase:	N/A			
RW Phase:	N/A			
CN Phase:	\$ 5,000	Start: 11/10/2020	End: 9/17/2021	FY 2021

- Add FY 18 – 21 Allocations:

Fund Name	Previous Allocations	FFY2018	FFY2019	FFY2020	FFY2021	TOTAL
TFRA	\$0	\$0	\$0	\$5,000	\$0	\$5,000
TOTAL	\$0	\$0	\$0	\$5,000	\$0	\$5,000

The Department is requesting that the staff of the Hampton Roads TPO process this TIP Amendment at your next meeting. Attached is the proposed TIP workup sheet and the CTB Resolution for your reference. Thank you for your support in this effort.

Sincerely,



Eric Stringfield
 Hampton Roads District Transportation Planning Director

CC: Ms. Dawn Odom, District ADA PIM
 Ms. Sonya Hallums-Ponton, District Urban Programming
 Ms. Karen Bourne, District Programming
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