

**E. FY 2021-2024 TIP Amendment: CBBT – UPC T15554: Chesapeake Bay Bridge and Tunnel Parallel Thimble Shoal Tunnel**

Attached is a request from the Chesapeake Bay Bridge Tunnel (CBBTY) District to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to add a previously approved project. The specifics of the request are described below

- UPC T15554 – Chesapeake Bay Bridge and Tunnel Parallel Thimble Shoal Tunnel
  - Add project to TIP.
  - Description: Construction of a new two-lane tunnel parallel to the existing tunnel under Thimble Shoal Channel
  - Project Length: 3.13 miles
  - Cost Estimate as follows:
    - Preliminary Engineering (PE): \$20,630,720
    - Right of Way (RW): \$0
    - Construction (CN): \$904,160,004
    - Total Cost Estimate: \$924,790,724
  - Schedule as follows:
    - PE Start: 5/1/2013; End: 7/1/2016
    - RW: N/A
    - CN Start: 7/1/2016; End: 11/1/2024
  - Allocations as follows:
    - Add FY Previous Virginia Transportation Infrastructure Bank (VTIB) allocation of \$50,000,000
    - Add FY Previous Toll Revenue Bonds (TREV) allocation of \$323,953,000
    - Add FY Previous Transportation Infrastructure Fund Investment Act (TIFIA) allocation of \$338,528,672
    - Add FY Previous Chesapeake Bay Bridge Tunnel (CBBT) General Revenue Funds allocation of \$212,309,052
  - Obligations as follows:
    - Add FY Previous PE Phase CBBT General Funds obligation of \$20,558,720
    - Add FY 2021 PE Phase CBBT General Funds obligation of \$24,000
    - Add FY 2022 PE Phase CBBT General Funds obligation of \$24,000
    - Add FY 2023 PE Phase CBBT General Funds obligation of \$24,000
    - Add FY Previous CN Phase VTIB obligation of \$1,400,500
    - Add FY 2021 CN Phase VTIB obligation of \$7,882,041
    - Add FY 2022 CN Phase VTIB obligation of \$16,348,734
    - Add FY 2023 CN Phase VTIB obligation of \$24,368,725
    - Add FY Previous CN Phase TREV obligation of \$283,944,123
    - Add FY 2021 CN Phase TREV obligation of \$40,008,877
    - Add FY Previous CN Phase TIFIA obligation of \$9,478,776
    - Add FY 2021 CN Phase TIFIA obligation of \$130,000,000
    - Add FY 2022 CN Phase TIFIA obligation of \$130,000,000
    - Add FY 2023 CN Phase TIFIA obligation of \$69,049,896
    - Add FY Previous CN Phase CBBT General Funds obligation of \$76,582,054
    - Add FY 2021 CN Phase CBBT General Funds obligation of \$24,000

- Add FY 2022 CN Phase CBBT General Funds obligation of \$24,000
- Add FY 2023 CN Phase CBBT General Funds obligation of \$50,454,113
- Add FY 2024 CN Phase CBBT General Funds obligation of \$64,666,165

The project is being added to the FY 2021-2024 TIP and is already included in the Hampton Roads 2040 LRTP that received a conformity finding from the Federal Highway Administration (FHWA) on July 13, 2020, and therefore, a new conformity determination is not needed.

This request is being made available for public review and comment from September 30, 2020 through October 14, 2020.

**Mr. John Mihaly, HRTPO Principal Transportation Planner, will be available to answer questions on this item.**

Attachment 5-E

**RECOMMENDED ACTION:**

Recommend HRTPO Board approval of the proposed TIP amendment.

COMMISSION MEMBERS

FREDERICK T. STANT, III  
CHAIRMAN  
CITY OF VIRGINIA BEACH

THOMAS W. MEEHAN, SR.  
VICE CHAIRMAN  
CITY OF NEWPORT NEWS

JOHN F. MALBON  
SECRETARY-TREASURER  
COMMONWEALTH  
TRANSPORTATION BOARD

PAUL E. BIBBINS, JR., PhD  
NORTHAMPTON COUNTY

JEFFREY K. WALKER  
NORTHAMPTON COUNTY

CHRIS SNEAD  
CITY OF HAMPTON



**CHESAPEAKE BAY BRIDGE AND TUNNEL DISTRICT**

32386 LANKFORD HIGHWAY  
CAPE CHARLES, VIRGINIA 23310  
757/331-2960 FAX 757/331-4565  
WWW.CBBT.COM

COMMISSION MEMBERS

JEFFREY A. ROWLAND  
CITY OF CHESAPEAKE

KAREN S. JAMES  
CITY OF PORTSMOUTH

REEVES W. MAHONEY  
CITY OF NORFOLK

GREGORY L. DUNCAN, SR.  
ACCOMACK COUNTY

KEITH COLONNA  
ACCOMACK COUNTY

JEFFREY B. HOLLAND  
EXECUTIVE DIRECTOR

September 29, 2020

Mr. Robert A. Crum, Jr.  
Executive Director  
Hampton Roads Transportation Planning Organization  
723 Woodlake Drive  
Chesapeake, VA 23320

RE: FY 2021-2024 Transportation Improvement Program (TIP) Amendment

Dear Mr. Crum:

The Chesapeake Bay Bridge and Tunnel Commission requests that the Hampton Roads Transportation Planning Organization (HRTPO) amend the FY 2021-2024 TIP to add a previously approved project:

**UPC T15554 - Chesapeake Bay Bridge and Tunnel Parallel Thimble Shoal Tunnel**

- Add project to TIP
- Description: Construction of a new two-lane tunnel parallel to the existing tunnel under Thimble Shoal Channel.
- Project Length: 3.13 miles
- Cost Estimate as follows:
  - Preliminary Engineering (PE): **\$20,630,720**
  - Right of Way (RW): **\$0**
  - Construction (CN): **\$904,160,004**
- Schedule as follows:
  - PE Start: **5/2013**, End: **7/2016**
  - RW Start: **N/A**; End: **N/A**
  - CN Start: **7/2016**, End: **11/2024**
- Allocations as follows:
  - ***Please revise allocations as follows:***

Funding Source	Previous
Virginia Transportation Infrastructure Bank (VTIB)	\$ 50,000,000
Toll Revenue Bonds (TREV)	\$ 323,953,000
Transportation Infrastructure Fund Investment Act (TIFIA)	\$ 338,528,672

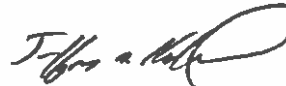
<b>CBBT General Revenue Funds</b>	<b>\$ 212,309,052</b>
<b>Total Allocation</b>	<b>\$ 924,790,724</b>

- Obligations as follows:
  - *Please revise obligations as follows:*

	Previous	FY 21	FY 22	FY 23	FY 24
PE (CBBT General Funds)	\$ 20,558,720	\$ 24,000	\$ 24,000	\$24,000	
CN					
VTIB	\$ 1,400,500	\$ 7,882,041	\$ 16,348,734	\$24,368,725	\$0
TREV	\$ 283,944,123	\$ 40,008,877	\$0	\$0	\$0
TIFIA	\$ 9,478,776	\$ 130,000,000	\$ 130,000,000	\$ 69,049,896	\$0
CBBT General Funds	\$ 76,582,054	\$ 0	\$ 0	\$ 50,430,113	\$ 64,666,165

The Commission is requesting that the staff of the HRTPO process this TIP Amendment at its next HRTPO Board meeting. Thank you for your support in this effort.

Sincerely,



Jeffrey B. Holland  
 Executive Director