

## K. FY 2021-2024 Transportation Improvement Program (TIP) Amendments

### i. **Chesapeake – FY 2021-2024 TIP Amendment: UPC T25985 – I-64 Exit 291/I-464 Interchange**

The Virginia Department of Transportation (VDOT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to add one project in the City of Chesapeake. The specifics of the request are described below:

- **UPC T25985 – I-64 Exit 291/I-464 Interchange**
  - Add project to TIP
  - Description: Alternative 4A – Ramp Improvements – I-64 EB to I-464 SB (to Route 168) flyover separating I-464 SB traffic going to Route 17 and Route 168.
  - Project Length: 1.62 miles
  - Cost Estimate as follows:
    - Preliminary Engineering (PE): \$8,500,000
    - Right of Way (RW): \$14,560,000
    - Construction (CN): \$116,940,000
    - Total Cost Estimate: \$140,000,000
  - Schedule as follows:
    - PE Start: 12/10/2021; End: 8/8/2023
    - RW Start: 8/8/2023; End: 7/14/2024
    - CN Start: 7/14/2024; End: 12/24/2025
  - Allocations as follows:
    - Add FY 2022 Interstate Operations and Enhancement Program (IOEP) allocation of \$140,000,000

Project improvements are to a regionally-significant interchange and will trigger conformity.

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

#### **RECOMMENDED ACTION:**

Approve the TIP amendment.

ii. **Hampton – FY 2021-2024 TIP Amendment:  
UPC 119638 – Hampton Roads Express Lanes – Segment 4C (Associated  
with UPC 117841)**

The Virginia Department of Transportation (VDOT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to add one project in the City of Hampton. The specifics of the request are described below:

- **UPC 119638 – Hampton Roads Express Lanes – Segment 4C  
(Associated with UPC 117841)**
  - Add project to TIP
  - Description: Widen eastbound and westbound of I-64 from the eastern end of the Armistead Avenue Bridge to east of the Settlers Landing Road Overpass or west of the Mallory Street overpass. A portion of PE is being completed under UPC 117841.
  - Project Length: 2.405 miles
  - Cost Estimate as follows:
    - Preliminary Engineering (PE): \$4,578,800
    - Right of Way (RW): \$9,625,000
    - Construction (CN): \$400,129,878
    - Total Cost Estimate: \$414,333,678
  - Schedule as follows:
    - PE Start: 10/21/2021; End: 9/1/2022
    - RW Start: 9/1/2022; End: 9/13/2022
    - CN Start: 9/13/2022; End: 5/30/2024
  - Allocations as follows:
    - Add FY 2022 Hampton Roads Transportation Fund (HRTF) allocation of \$9,305,319
    - Add FY 2023 HRTF allocation of \$117,211,954
    - Add FY 2024 HRTF allocation of \$118,344,874
  - Obligations as follows:
    - Add FY 2022 PE Phase Other obligation of \$4,578,800

This facility is considered regionally significant and was included in the Regional Conformity Assessment for the Hampton Roads 2045 Long-Range Transportation Plan (LRTP) and the FY 2021-2024 Transportation Improvement Program (TIP) that received a conformity finding from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) on May 19, 2021; therefore, a new conformity determination is not needed.

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.

**iii. Hampton Roads – Multi-Jurisdictional – FY 2021-2024 TIP Amendment:  
UPC 112923 – I-64 Express Lanes – Segment 2**

The Virginia Department of Transportation (VDOT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to add one project in the region. The specifics of the request are described below:

- **UPC 112923 – I-64 Express Lanes – Segment 2**
  - Revise Project Name as follows:
    - Hampton Roads Express Lanes – Segment 2
  - Revise Description as follows:
    - Convert the existing HOV lanes to HOT lanes along the I-64 corridor from the I-64/I-264 Interchange to the I-64/I-464 Interchange.
  - Add Project Length:
    - 7.653 miles

This facility is considered regionally significant and was included in the Regional Conformity Assessment for the Hampton Roads 2045 Long-Range Transportation Plan (LRTP) and the FY 2021-2024 Transportation Improvement Program (TIP) that received a conformity finding from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) on May 19, 2021; therefore, a new conformity determination is not needed.

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.

**iv. Hampton Roads Transit (HRT) – FY 2021-2024 TIP Amendment:  
UPC T16054 – Transit Bus Replacement**

Hampton Roads Transit (HRT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to revise the cost estimate for UPC T16054, an HRT project, in order to agree with the grant allocations. The specifics of the request are described below:

- **UPC T16054 – Transit Bus Replacement**
  - Revise Cost Estimate as follows:
    - Preliminary Engineering (PE): \$28,347,509
    - Right of Way (RW): \$0
    - Construction (CN): \$0
    - Total Cost Estimate: \$28,347,509

This project is currently included in the Hampton Roads FY 2021-2024 TIP and is consistent with the Hampton Roads 2045 LRTP; however, it is not considered regionally significant and is exempt from conformity under the following provision contained in section 93.126 of the conformity rule, Table 2 Exempt Projects under “Mass Transit”

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.

v. **Newport News – FY 2021-2024 TIP Amendment:  
UPC 119824 – Hampton Roads Express Lanes – Segment 4A/4B  
(Associated with UPC 117839)**

The Virginia Department of Transportation has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to add one project in the City of Newport News. The specifics of the request are described below:

- **UPC 119824 – Hampton Roads Express Lanes – Segment 4A/4B  
(Associated with UPC 117839)**
  - Add project to TIP
  - Description: Conversion of the existing HOV lane into a HOT managed lane for the portion of the segment where these lanes are located. A portion of PE is being completed under UPC 117839.
  - Project Length: 13.5 miles
  - Cost Estimate as follows:
    - Preliminary Engineering (PE): \$10,052,520
    - Right of Way (RW): \$2,369,034
    - Construction (CN): \$137,884,377
    - Total Cost Estimate: \$150,305,931
  - Schedule as follows:
    - PE Start: 7/22/2021; End: 2/13/2025
    - RW Start: 2/13/2025; End: 1/13/2026
    - CN Start: 1/13/2026; End: 10/27/2027
  - Allocations as follows:
    - Add FY 2022 Hampton Roads Transportation Fund (HRTF) allocation of \$5,975,812
    - Add FY 2023 HRTF allocation of \$5,974,501
    - Add FY 2024 HRTF allocation of \$53,376,876
  - Obligations as follows:
    - Add FY 2022 PE Phase Other obligation of \$10,052,520

This facility is considered regionally significant and was included in the Regional Conformity Assessment for the Hampton Roads 2045 Long-Range Transportation Plan (LRTP) and the FY 2021-2024 Transportation Improvement Program (TIP) that received a conformity finding from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) on May 19, 2021; therefore, a new conformity determination is not needed.

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.

**vi. Norfolk – FY 2021-2024 TIP Amendment:  
UPC 119637 – Hampton Roads Express Lanes – Segment 1 (Associated with  
UPC 117840)**

The Virginia Department of Transportation (VDOT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to add one project in the City of Norfolk. The specifics of the request are described below:

- **UPC 119637 – Hampton Roads Express Lanes – Segment 1 (Associated with UPC 117840)**
  - Add project to TIP
  - Description: Convert the inside shoulder along I-64 to a part-time HOT managed lane. A portion of PE is being completed under UPC 117840.
  - Project Length: 8.8 miles
  - Cost Estimate as follows:
    - Preliminary Engineering (PE): \$9,464,037
    - Right of Way (RW): \$9,660,755
    - Construction (CN): \$167,380,693
    - Total Cost Estimate: \$186,505,485
  - Schedule as follows:
    - PE Start: 10/21/2021; End: 9/1/2022
    - RW Start: 9/1/2022; End: 9/13/2022
    - CN Start: 9/13/2022; End: 5/30/2024
  - Allocations as follows:
    - Add FY 2022 Hampton Roads Transportation Fund (HRTF) allocation of \$204,451
    - Add FY 2023 HRTF allocation of \$55,416,318
    - Add FY 2024 HRTF allocation of \$54,039,141
  - Obligations as follows:
    - Add FY 2022 PE Phase Other obligation of \$9,464,037

This facility is considered regionally significant and was included in the Regional Conformity Assessment for the Hampton Roads 2045 Long-Range Transportation Plan (LRTP) and the FY 2021-2024 Transportation Improvement Program (TIP) that received a conformity finding from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) on May 19, 2021; therefore, a new conformity determination is not needed.

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.

**vii. Suffolk – FY 2021-2024 TIP Amendment:  
UPC 69050 – Shoulders Hill Road/Route 17 Intersection Improvements**

The Virginia Department of Transportation (VDOT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to revise the cost estimate, allocations, and add obligations to UPC 69050 in the City of Suffolk. The cost estimate has increased due to right of way and utilities refinement. The specifics of the request are described below:

- **UPC 69050 – Shoulders Hill Road/Route 17 Intersection Improvements**
  - Revise Cost Estimate as follows:
    - Preliminary Engineering (PE): \$1,980,924
    - Right of Way (RW): \$9,585,507
    - Construction (CN): \$12,532,931
    - Total Cost Estimate: \$24,099,362
  - Revise Allocations as follows:
    - Remove FY Previous Surface Transportation Program (STP) allocation of \$397,486
    - Remove FY Previous State Funds (STF) allocation of \$6,668,365
    - Remove FY Previous Revenue Share (RS) allocation of \$1,400,000
    - Remove FY Previous Federal/State Mix (MIX) allocation of \$6,061
    - Remove FY Previous Local (LOC) allocation of \$2,659,695
    - Remove FY Previous Local Match (LOM) allocation of \$11,078
    - Remove FY Previous High Infrastructure Program (HIP) allocation of \$3,583,178
    - Remove FY Previous Equity Bonus/Minimum Guarantee (EB/MG) allocation of \$443,138
    - Remove FY 2022 STF allocation of \$2,367,054
    - Remove FY 2023 STF allocation of \$443,452
    - Remove FY 2023 STP allocation of \$1,600,000
    - Add FY Previous STP Statewide allocation of \$128,045, plus \$32,012 STP Statewide match
    - Add FY Previous EB/MG allocation of \$443,138
    - Add FY Previous STP allocation of \$237,429
    - Add FY Previous RS allocation of \$350,000, plus \$350,000 RS match
    - Add FY Previous District Grants Program/Highway Infrastructure Program (DGP/HIP) Statewide allocation of \$2,866,542, plus \$716,636 DGP/HIP Statewide match
    - Add FY Previous DGP-State allocation of \$1,204,550



- Add FY Previous Locally Administered Funded: State Match Quarterly Payment – Urban allocation of \$159,064
- Add FY Previous Local Project Contributions Urban Formula Local Match – Federal allocation of \$11,078
- Add FY Previous Secondary Federal/State allocation of \$6,061
- Add FY 2021 District Grants Program/National Highway Performance Program (DGP/NHPP) allocation of \$4,371,052, plus \$1,092,763 DGP/NHPP match
- Add FY 2022 DGP-State allocation of \$2,367,054
- Add FY 2022 RS allocation of \$350,000, plus \$350,000 RS match
- Add FY 2023 District Grants Program/Surface Transportation Program (DGP/STP) Statewide allocation of \$1,280,000, plus \$320,000 DGP/STP Statewide match
- Add FY 2023 DGP-State allocation of \$443,452
- Revise Obligations as follows:
  - Add FY Previous PE Phase Surface Transportation Program/Flex (STP/F) obligation of \$243,490, plus \$60,873 STP/F match
  - Add FY Previous PE Phase Minimum Guarantee (MG) State obligation of \$193,912, plus \$48,478 MG State match
  - Add FY Previous PE Phase Minimum Guarantee/Flex (MG/F) obligation of \$195,414, plus \$48,854 MG/F match
  - Add FY Previous PE Phase MG obligation of \$42,326, plus \$10,582 MG match
  - Add FY Previous PE Phase Equity Bonus (EB) obligation of \$11,485, plus \$2,871 EB match
  - Add FY Previous PE Phase STP/F obligation of \$160,057
  - Add FY Previous PE Phase Highway Infrastructure Program (HIP)/U obligation of \$1,857,438
  - Add FY Previous RW Phase Highway Infrastructure Program/Flex (HIP/F) obligation of \$1,725,740
  - Add FY Previous RW Phase Advance Construction (AC) HIP/F obligation of \$3,769,027
  - Add FY Previous RW Phase National Highway Performance Program (NHPP) obligation of \$5,463,762
  - Add FY 2022 PE Phase HIP/U obligation of (\$894,856)
  - Add FY 2022 RW Phase HIP/F obligation of \$795,952
  - Add FY 2022 RW Phase National Highway System/National Highway Performance Program (NHS/NHPP) obligation of \$53
  - Add FY 2022 RW Phase Surface Transportation Program/Surface Transportation Block Grant (STP/STBG) obligation of \$1,600,000
  - Add FY 2022 CN Phase Other Revenue Share (RS) obligation of \$350,000, plus \$350,000 Other RS match
  - Add FY 2022 CN Phase HIP/F obligation of \$98,904



- Add FY 2022 CN Phase AC obligation of \$6,860,000, plus \$1,715,000 AC match
- Add FY 2023 CN Phase Other RS obligation of \$1,579,514, plus \$1,579,514 Other RS match
- Add FY 2024 CN Phase AC-Conversion obligation of \$3,600,000, plus \$900,000 AC-Conversion match

This project is currently included in the Hampton Roads FY 2021-2024 TIP and is consistent with the Hampton Roads 2045 LRTP that received a conformity finding from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) on May 19, 2021. The facility is not considered regionally significant; therefore, a new conformity determination is not needed.

This request was made available for public review and comment from October 7, 2021 through October 20, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.

**viii. Suffolk – FY 2021-2024 TIP Amendment  
UPC 102991 – Bridge Road Traffic Signal Upgrades**

The Virginia Department of Transportation (VDOT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to revise the cost estimate, schedule, allocations, and obligations for UPC 102991 in Suffolk. The specifics of the request are described below:

- **UPC 102991 – Bridge Road Traffic Signal Updates – Suffolk**
  - Revise Cost Estimate as follows:
    - Preliminary Engineering (PE): \$194,010
    - Right of Way (RW): \$0
    - Construction (CN): \$2,138,148
    - Total Cost Estimate: \$2,332,158
  - Revise Schedule as follows:
    - PE Start: 4/19/2018; End: 11/19/2020
    - RW: N/A
    - CN Start: 11/19/2020; End: 9/8/2021
  - Revise Allocations as follows:
    - Revise FY Previous Congestion Mitigation and Air Quality (CMAQ) Improvement Program allocation to be \$1,870,384
    - Revise FY Previous CMAQ Match allocation to be \$461,774
    - Revise FY Previous Local (LOC) allocation to be \$5,823
  - Revise Obligations as follows:
    - Remove FY Previous CN Phase Advance Construction (AC) Other obligation of \$1,006,427
    - Revise FY Previous CN Phase CMAQ obligation to be \$850,392
    - Add FY 2021 CN Phase CMAQ obligation of \$860,126
    - Revise CN Phase CMAQ Match obligation to be \$427,630

This project is currently included in the Hampton Roads FY 2021-2024 TIP and is consistent with the Hampton Roads 2045 LRTP; however, the facility is not considered regionally significant and is exempt from conformity under the following provision contained in section 93.126 of the conformity rule, Table 2 Exempt Projects under “Safety”, as it is a signalization project.

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.

**ix. Suffolk – FY 2021-2024 TIP Amendment**  
**UPC 102992 Shoulders Hill Road Multi-Use Path**

The Virginia Department of Transportation (VDOT) has requested to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to revise the cost estimate, schedule, and obligations for UPC 102992 in Suffolk. The specifics of the request are described below:

- **UPC 102992 – Shoulders Hill Road Multi-Use Path – Suffolk**
  - Revise Cost Estimate as follows:
    - Preliminary Engineering (PE): \$115,000
    - Right of Way (RW): \$35,000
    - Construction (CN): \$500,000
    - Total Cost Estimate: \$650,000
  - Revise Schedule as follows:
    - PE Start: 9/24/2020; End: 12/28/2022
    - RW Start: 12/28/2022; End: 9/29/2023
    - CN Start: 9/29/2023; End: 10/2/2024
  - Revise Obligations as follows:
    - Add FY Previous PE Phase Congestion Mitigation and Air Quality (CMAQ) Improvement Program obligation of \$52,800, plus \$13,200 CMAQ match
    - Add FY 2022 PE Phase CMAQ obligation of \$39,000, plus \$9,800 CMAQ match
    - Add FY 2023 RW Phase CMAQ obligation of \$28,000 plus \$7,000 CMAQ match
    - Remove FY 2022 CN Phase CMAQ obligation of \$193,600
    - Add FY 2023 CN Phase CMAQ obligation of \$400,000
    - Revise CN Phase CMAQ Match obligation to be \$100,000

This project is currently included in the Hampton Roads FY 2021-2024 TIP and is consistent with the Hampton Roads 2045 LRTP; however, the facility is not considered regionally significant and is exempt from conformity under the following provision contained in section 93.126 of the conformity rule, Table 2 Exempt Projects under “Air Quality”, as it is a bicycle and pedestrian facility project.

This request was made available for public review and comment from September 29, 2021 through October 13, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

**RECOMMENDED ACTION:**

Approve the TIP amendment.