

October 28, 2020

Memorandum #2020-131

TO: HRTPO Transportation Technical Advisory Committee

BY: Michael S. Kimbrel, Deputy Executive Director

RE: Transportation Technical Advisory Committee Meeting – November 4, 2020

The next HRTPO Transportation Technical Advisory Committee (TTAC) meeting is scheduled for **Wednesday, November 4, 2020, beginning at 9:30 AM**. The agenda is attached.

Pursuant to the declared state of emergency in the Commonwealth of Virginia in response to the COVID-19 pandemic and to protect the public health and safety of the Committee members, staff, and the general public, the TTAC meeting will be held electronically via Webex.

Members of the public are invited to address the TTAC by submitting comments in advance of the meeting by email to kmiller@hrtpo.org or phone (757) 366-4370. Each comment is limited to three minutes. All comments received by 3:00 p.m. on November 3, 2020 will be provided to the TTAC Members prior to the meeting and included in the official record.

Members of the public may listen to the TTAC meeting via telephone using toll-free dial-in 1-866-345-9178.

KG/cm

Attachments

HRTPO Transportation Technical Advisory Committee

Voting Members:

Benjamin Camras, CH
Troy Eisenberger, CH
Tracy Jones-Schoenfeld, CH
Anne Ducey-Ortiz, GL
Carol Rizzio, GL
Michael Hayes, HA
Lynne Keenan, HA
Jason Mitchell, HA
Wayne Griffin, IW
Jamie Oliver, IW
Amy Ring, IW
Paul Holt, III, JC
Tamara Rosario, JC
Angela Hopkins, NN
Angela Rico, NN
Bryan Stilley, NN
Robert D. Brown, NO
Amy Inman, NO
Deborah Mangiaracina, NO
Garrett Feagans, PQ
Wally Horton, PQ
Dannan O'Connell, PQ
Carl Jackson III, PO

James Wright, PO
Michael Johnson, SH
Beth Lewis, SH
Lynette Lowe, SH
LJ Hansen, SU
Robert E. Lewis, SU
Jason Souders, SU
David Jarman, VB
Ric Lowman, VB
Phil Pullen, VB
Dan G. Clayton III, WM
Carolyn Murphy, WM
Aaron Small, WM
Earl Anderson, YK
Timothy C. Cross, YK
Joseph Sisler, YK
Grant Sparks, DRPT
Sam Sink, HRT
Todd Halacy, VDOT
Sonya Hallums-Ponton, VDOT
Eric Stringfield, VDOT
Barbara Nelson, VPA
Joshua Moore, WATA

Voting Alternates:

Earl Sorey, CH
Tripp Little, GL
Terry P. O'Neill, HA
Sandon Rogers, HA
Toluwalase Ibikunle, NN
Lisa Simpson, NN
Brian Fowler, NO
Evandro Santos, NO
Ellen Roberts, PQ
Graham Wilson, PQ
Robert P. Goumas, SU

Robert Weber, SU
Katie Shannon, VB
Jason Wilson, VB
Amy Parker, YK
Tiffany Dubinsky, DRPT
Keisha Branch, HRT
Anthony Gibson, VDOT
Bryant Porter, VDOT
Zac Canody, VPA
Barbara Creel, WATA

Nonvoting Members:

Ivan P. Rucker, FHWA
Melissa McGill, FTA
Michael King, NAVY

Agenda
HRTPO
Transportation Technical Advisory Committee Meeting
November 4, 2020

Pursuant to the declared state of emergency in the Commonwealth of Virginia in response to the COVID-19 pandemic and to protect the public health and safety of the committee members, staff, and the general public, the **Transportation Technical Advisory Committee** meeting will be held electronically. This electronic meeting is required to complete essential business on behalf of the region.

- 9:30 am
1. Call to Order
 2. Approval of Agenda
 3. Public Comments
 4. Approval of Consent Items *[Action Requested]*
 - A. Minutes
 - B. FY 2021-2024 TIP Amendment Request to Transfer CMAQ Funding: Norfolk
UPC 105592 – Norfolk Signal System Improvements – Phase 4C
UPC 109572 – Norfolk Bus Shelter and Pedestrian Improvements
 - C. FY 2021-2024 TIP Amendment Request to Transfer CMAQ Funding: Suffolk
UPC 102990: Nansemond Parkway Traffic Signal Upgrades
 - D. FY 2021-2024 TIP Amendment Request: VDOT
UPC 103754: Route 460 PPTA Debt Service
 - E. FY 2021-2024 TIP Amendment Request: WATA – 13 projects
 - F. Impact of Trails and Sidewalks on Home Values: Final
 5. Hampton Boulevard Corridor Study: Draft – Robert Case and Keith Nichols, HRTPO
 6. Hampton Roads Transit High Capacity Transit Projects: Update – Sam Sink, HRT
 7. Three-Month Tentative Schedule
 8. For Your Information
 9. Announcements
 10. Old/New Business
 11. Adjournment

AGENDA ITEM #1: CALL TO ORDER

The meeting will be called to order by the Chair at approximately 9:30 a.m.

AGENDA ITEM #2: APPROVAL OF AGENDA

Members are provided an opportunity to add or delete items from the agenda. Any item for which a member desires action from the TTAC should be submitted at this time, as opposed to under “Old/New Business.”

AGENDA ITEM #3: PUBLIC COMMENTS

Members of the public are invited to address the TTAC. Due to the COVID-19 crisis, interested persons may submit comments to the TTAC in advance of the meeting by email to kmiller@hrtpo.org or phone (757) 366-4370. Each oral comment is limited to three minutes. All comments received by 3:00 p.m. on November 3, 2020 will be provided to the TTAC Members and included in the official record.

AGENDA ITEM #4: APPROVAL OF CONSENT ITEMS [*Action Requested*]

A. Minutes

Summary minutes of the TTAC meeting held on October 7, 2020 are attached.

Attachment 4-A

RECOMMENDED ACTION:

Approve the minutes.

**B. FY 2021-2024 TIP Amendment Request to Transfer CMAQ Funding: Norfolk
UPC 105592 – Norfolk Signal System Improvements – Phase 4C
UPC 109572 – Norfolk Bus Shelter and Pedestrian Improvements**

Attached is a request from the City of Norfolk to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to transfer a total of \$81,358 in Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds from two projects to the two other CMAQ eligible recipient projects. The transfers will allow for the acceleration of one project and begin fabrication of the project’s bus shelters and will also allow the City to swap its funds for CMAQ funds for the other project in order to dedicate City funds to other high priority projects in order to add the construction phase. The specifics of the request are described below:

- **UPC 105592 – Norfolk Signal System Improvements – Phase 4C**
 - Revise Allocations as follows:
 - Receive FY 2002 CMAQ allocation of \$14,299 from UPC 92748 (East Ocean View Signal Upgrades)
 - Add FY 2002 Local Match (LOM) allocation of \$3,575
 - Receive FY 2016 CMAQ allocation of \$36,628 plus \$9,157 CMAQ match from UPC 105591 (Norfolk Signal System Improvements – Phase 4B)

- **UPC 109572 – Norfolk Bus Shelter and Pedestrian Improvements**
 - Revise Cost Estimate as follows:
 - Preliminary Engineering (PE): \$75,000
 - Right of Way (RW): \$0
 - Construction (CN): \$941,377
 - Total Cost Estimate: \$1,016,377
 - Revise Schedule as follows:
 - PE Start: 1/1/2021; End: 9/30/2021
 - RW: N/A
 - CN Start: 10/1/2021; End: 6/30/2022
 - Revise Allocations as follows:
 - Receive FY 2002 CMAQ allocation of \$21,274 from UPC 92748 (East Ocean View Signal Upgrades)
 - Add FY 2002 Local Match (LOM) allocation of \$5,319

UPC 105592 is considered 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.

UPC 109572 is considered exempt from conformity under the following provision contained in section 93.126 of the conformity rule, Table 2 Exempt Projects under “Mass Transit”, as it is a bus shelter project.

Should the HRTPO Board approve the funding transfers described above, the FY 2021-2024 Transportation Improvement Program (TIP) will be amended to update the funding information associated with the projects. This request is being made available for public review and comment from October 28, 2020 through November 11, 2020.

Ms. Debbie Mangiaracina, P.E., City of Norfolk VDOT Program Manager, will be available to answer questions on this item.

Attachment 4-B

RECOMMENDED ACTION:

Recommend HRTPO Board approval of the proposed project funding transfers and associated TIP amendment.

**C. FY 2021-2024 TIP Amendment Request to Transfer CMAQ Funding: Suffolk
UPC 102990 – Traffic Signal Coordination – Nansemond Parkway, Shoulders Hill Road,
Wilroy Road**

Attached is a request from the City of Suffolk to amend the Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) to transfer a total of \$183,866 in Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds from a fully funded project to this CMAQ eligible project in order to modify the final design to convert additional sections of the fiber optic cable from aerial to underground. The specifics of the request are described below:

- **UPC 102990 – Traffic Signal Coordination – Nansemond Parkway, Shoulders Hill Road, Wilroy Road**
 - Revise Allocations as follows:
 - Receive FY 2020 CMAQ allocation of \$147,093, plus \$25,753 CMAQ match from Bridge Road Traffic Signal Upgrades (UPC 102991)

This project is considered 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.

Should the HRTPO Board approve the funding transfers described above, the FY 2021-2024 Transportation Improvement Program (TIP) will be amended to update the funding information associated with the projects. This request is being made available for public review and comment from October 28, 2020 through November 11, 2020.

Mr. Robert Lewis, City of Suffolk Assistant Director of Public Works, will be available to answer questions on this item.

Attachment 4-C

RECOMMENDED ACTION:

Recommend HRTPO Board approval of the proposed project funding transfer and associated TIP amendment.

D. FY 2021-2024 TIP Amendment Request: VDOT – UPC 103754: Route 460 PPTA Debt Service

Attached is a request from the Virginia Department of Transportation (VDOT) 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 103754 – Route 460 PPTA Debt Service**

- Add project to TIP
- Description: Debt service line for Route 460 Public-Private Transportation Act (PPTA).
- Project Length: N/A
- Cost Estimate as follows:
 - Preliminary Engineering (PE): \$155,924,903
 - Right of Way (RW): \$0
 - Construction (CN): \$0
 - Total Cost Estimate: \$155,924,903
- Schedule as follows:
 - PE Start: 12/1/2012; End: 12/1/2031
 - RW: N/A
 - CN: N/A
- Allocations as follows:
 - Add FY Previous National Highway Performance Program (NHPP) allocation of \$68,392,578, plus \$17,098,144 match
 - Add FY 2021 NHPP allocation of \$6,477,984, plus \$1,619,495 match
 - Add FY 2022 NHPP allocation of \$6,479,071, plus \$1,619,767 match
 - Add FY 2023 NHPP allocation of \$6,477,405, plus \$1,619,351 match
 - Add FY 2024 NHPP allocation of \$6,291,991, plus \$1,572,999 match
- Obligations as follows:
 - Add FY Previous PE Phase NHPP obligation of \$88,058,848
 - Add FY Previous PE Phase Advance Construction (AC) Conversion obligation of \$55,398,485
 - Add FY 2021 PE Phase National Highway System/National Highway Performance Program (NHS/NHPP) obligation of \$8,097,478
 - Add FY 2022 PE Phase AC-Conversion obligation of \$8,097,998
 - Add FY 2023 PE Phase AC-Conversion obligation of \$7,981,334
 - Add FY 2024 PE Phase AC-Conversion obligation of \$7,864,630

This amendment is to add this project to the FY 2021-2024 TIP and it is not required for the Hampton Roads 2040 LRTP. The project is not considered regionally significant and therefore does not require a new conformity determination.

This request is being made available for public review and comment from October 28, 2020 through November 11, 2020.

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

Attachment 4-D

RECOMMENDED ACTION:

Recommend HRTPO Board approval of the proposed TIP amendment.

E. FY 2021-2024 TIP Amendment: WATA- 13 Projects

Attached is a request from the Williamsburg Area Transit Authority (WATA) to add one project and revise the obligations on the remaining 12 projects. The specifics of the request are described below

- **WAT0017 – Bus Shelters**
 - Decrease FY 2022 SMART SCALE funds by \$25,0000
 - Add FY 2023 Flexible STP funds of \$120,000
 - Add FY 2023 State funds of \$20,000
 - Add FY 2023 Local funds of \$10,000
 - Increase FY 2024 Flexible STP funds by \$26,000
 - Increase FY 2024 State funds by \$1,000
 - Increase FY 2024 Local funds by \$6,000

- **WAT0022 – Support Vehicle Replacement**
 - Decrease FY 2021 Flexible STP funds by \$24,000
 - Decrease FY 2021 State funds by \$4,800
 - Add FY 2021 Section 5307 funds of \$24,000
 - Increase FY 2021 Local funds by \$4,400

- **WAT0025 – Lease Bus Related Facility – Multimodal Transit Center**
 - Remove all FY 2022 funds
 - Remove all FY 2023 funds
 - Remove all FY 2024 funds

- **WAT0032 – Miscellaneous Support Equipment**
 - Remove all FY 2021 funds

- **WAT0038 – Surveillance/Security Equipment**
 - Remove all FY 2022 funds
 - Remove all FY 2024 funds

- **WAT0042 – ADP Software Surveillance/Security Equipment**
 - Add FY 2022 Flexible STP funds of \$16,000
 - Add FY 2022 State funds of \$3,000
 - Add FY 2022 Local funds of \$1,000
 - Add FY 2023 Flexible STP funds of \$16,000
 - Add FY 2023 State funds of \$3,000
 - Add FY 2023 Local funds of \$1,000
 - Add FY 2024 Flexible STP funds of \$16,000
 - Add FY 2024 State funds of \$3,000
 - Add FY 2024 Local funds of \$1,000

- **WAT0046 – Real Estate Acquisition Lightfoot Transit Center – NEPA, Architectural and Engineering & Project Management**
 - Add FY 2021 FTA 5307 funds of \$973,600
 - Add FY 2021 Local funds of \$243,400
 - Remove all FY 2022 funds

- **WAT0047 – Bus Third Party Audit**
 - Remove all FY 2021 funds
 - Remove all FY 2022 funds
 - Remove all FY 2023 funds

- **WAT0048 – Purchase Expansion Bus**
 - Increase FY 2022 SMART SCALE funds by \$25,000

- **WAT0053 – Capital Cost of Contracting**
 - Remove all FY 2021 funds
 - Remove all FY 2022 funds
 - Remove all FY 2023 funds
 - Remove all FY 2024 funds

- **WAT0054 – Preventive Maintenance**
 - Decrease FY 2021 Section 5307 funds by \$180,612
 - Decrease FY 2021 Local funds by \$45,153
 - Decrease FY 2022 Section 5307 funds by \$1,169,000
 - Decrease FY 2022 Local funds by \$293,000
 - Decrease FY 2023 Section 5307 funds by \$1,290,000
 - Decrease FY 2023 Local funds by \$323,000
 - Decrease FY 2024 Section 5307 funds by \$1,448,000
 - Decrease FY 2024 Local funds by \$362,000

- **WAT0059 – 3rd Party Legal/Audit Services – Facility Project**
 - Add FY 2022 Flexible STP funds of \$12,000
 - Add FY 2022 State funds of \$2,000
 - Add FY 2022 Local funds of \$1,000
 - Add FY 2023 Flexible STP funds of \$12,000
 - Add FY 2023 State funds of \$2,000
 - Add FY 2023 Local funds of \$1,000
 - Add FY 2024 Flexible STP funds of \$12,000
 - Add FY 2024 State funds of \$2,000
 - Add FY 2024 Local funds of \$1,000

- **WAT0063 – Transit Strategic Plan**
 - Add project
 - Add FY 2021 Section 5307 funds of \$240,000
 - Add FY 2021 Local funds of \$60,000

This amendment of projects does not include new transit routes. Therefore, the projects are not deemed regionally significant, and as such are exempt under 40 CFR 93.126 under the following category of Mass Transit, and therefore, a new conformity determination is not required.

This request is being made available for public review and comment from October 28, 2020 through November 11, 2020.

Mr. Joshua Moore, WATA Deputy Executive Director, will be available to answer questions on this item.

Attachment 4-E

RECOMMENDED ACTION:

Recommend HRTPO Board approval of the proposed TIP amendment.

F. IMPACT OF TRAILS AND SIDEWALKS ON HOME VALUES: FINAL

HRTPO staff presented the draft report of the *Impact of Trails and Sidewalks on Home Values*: during the TTAC meeting on October 7, 2020 and the report underwent public review from October 7, 2020 through October 21, 2020. No comments were received. The final report will be available after the meeting.

Dr. Robert Case, HRTPO Chief Transportation Engineer, will be available to answer questions on this item.

Enclosure 4-F: *Impact of Trails and Sidewalks on Home Values*

RECOMMENDED ACTION:

Recommend HRTPO Board approval of the final report.

AGENDA ITEM #5: HAMPTON BOULEVARD CORRIDOR STUDY: DRAFT
Robert Case and Keith Nichols, HRTPO

Over recent decades, the citizens and government of Norfolk have been concerned about the interaction of modes—truck, pedestrian, auto, rail—on the heavily used Hampton Boulevard corridor, which serves the World’s largest naval base, a major Port of Virginia terminal, a major university, a regional medical center, and multiple neighborhoods. In response to a request from the City of Norfolk, HRTPO staff has analyzed the study corridor and provided options for reducing the number of trucks, improving safety, mitigating trains blocking roads, and reducing flooding.

The *Hampton Boulevard Corridor Study: Draft* will be made available for public review and comment after the TTAC meeting on November 4, 2020.

Dr. Robert Case, HRTPO Chief Transportation Engineer, and Mr. Keith Nichols, HRTPO Principal Transportation Engineer, will brief the TTAC on this item.

RECOMMENDED ACTION:

Review the draft report and submit comments to Rob Case (rcase@hrtpo.org) by COB Wednesday, November 18, 2020.

AGENDA ITEM #6: HAMPTON ROADS TRANSIT (HRT) HIGH CAPACITY TRANSIT PROJECTS: UPDATE
Sam Sink, HRT

Hampton Roads Transit will provide an update on its two current high capacity transit studies; the Naval Station Norfolk Transit Corridor Project and the Peninsula Bus Rapid Transit Documented Categorical Exclusion.

The Naval Station Norfolk Transit Corridor Project (NSNTCP) kicked off in the fall of 2019 and is projected to take two years to complete. The study is examining a universe of potential light rail (LRT) and Bus Rapid Transit (BRT) alternatives on the eastern side of Norfolk that could provide a regionally significant, high-quality transit connection between the existing Tide Light Rail line and Naval Station Norfolk. The final product of this work will be the completion of a Draft Environmental Impact Statement (DEIS) and the selection of a Locally Preferred Alternative (LPA).

The Peninsula BRT Categorical Exclusion (CE) seeks to obtain environmental clearance for a BRT line in the cities of Hampton and Newport News and represents a continuation of the planning work that began with the 2017 Peninsula Corridor Study. This work began in the fall of 2018 and is projected to be completed in the coming months when the Federal Transit Administration (FTA) accepts the Documented CE. In addition to the preparation of the Documented CE, the study included extensive work to address traffic impacts related to operating BRT on Mercury Boulevard and Jefferson Avenue.

Ms. Sam Sink, HRT Director of Transit Development, will brief the TTAC on this item.

RECOMMENDED ACTION:

For discussion and informational purposes.

AGENDA ITEM #7: THREE-MONTH TENTATIVE SCHEDULE

December 2020

Wednesday, December 2, 2020

- 2045 LRTP Update: Candidate Project Evaluation and Prioritization: Draft
- 2045 LRTP Update: LRTP Revenue Forecast

January 2021

Wednesday, January 6, 2021

- Hampton Boulevard Corridor Study: Final
- 2045 LRTP Update: Candidate Project Evaluation and Prioritization: Final
- 2020 CMAQ/RSTP Project Selection Process: Projects and Allocations
- State of Transportation in Hampton Roads Report: Draft
- MAP-21 Regional Performance Measures Targets
- Special Studies for the FY 2022 UPWP

February 2021

Wednesday, February 3, 2021

- TRAFFIX Annual Report
- State of Transportation in Hampton Roads Report: Final
- SMART SCALE Round 4: Update

AGENDA ITEM #8: FOR YOUR INFORMATION

A. ACTIVE TRANSPORTATION SUBCOMMITTEE MINUTES

The minutes from the June 17, 2020 meeting of the Active Transportation Subcommittee (ATS) are attached.

Attachment 8-A

B. FHWA AND FTA APPROVAL LETTER AND FINDINGS OF THE FY 2021-2024 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

Attached is a letter and findings, dated September 30, 2020, from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), to Secretary of Transportation Shannon Valentine, regarding their joint approval of the FY 2021-2024 STIP.

Attachment 8-B

C. HRTAC PROGRAM DEVELOPMENT MONTHLY EXECUTIVE REPORT

VDOT provides monthly reports to the Hampton Roads Transportation Accountability Commission (HRTAC) staff on the status of the Regional Priority Projects. The report for October 2020 is attached.

Attachment 8-C

AGENDA ITEM #9: ANNOUNCEMENTS

Announcements of interest to the TTAC may be made at this time.

A. LONG-RANGE TRANSPORTATION PLAN SUBCOMMITTEE MEETING

The Long-Range Transportation Plan (LRTP) Subcommittee will meet electronically on Wednesday, November 4, 2020. The meeting will begin immediately after the TTAC meeting.

B. HAMPTON ROADS TRANSPORTATION OPERATIONS SUBCOMMITTEE MEETING

The Hampton Roads Transportation Operations (HRTO) Subcommittee will meet electronically on Monday, November 9, 2020. The meeting will begin at 9:30 a.m.

C. TRAFFIX SUBCOMMITTEE MEETING

The TRAFFIX Subcommittee will meet electronically on Monday, November 9, 2020. The meeting will begin at 11:30 a.m.

D. COMMUNITY ADVISORY COMMITTEE MEETING

The Community Advisory Committee (CAC) will meet electronically on Thursday, November 12, 2020. The meeting will begin at noon.

E. HRTPO BOARD MEETING

The HRTPO Board will meet electronically on Thursday, November 19, 2020. The meeting will begin at 10:30 a.m.

F. TRANSPORTATION TECHNICAL ADVISORY COMMITTEE MEETING

The Transportation Technical Advisory Committee (TTAC) will meet electronically on Wednesday, December 2, 2020. The meeting will begin at 9:30 a.m.

AGENDA ITEM #10: OLD/NEW BUSINESS

ADJOURNMENT