

Hampton Roads Transportation Planning Organization Board Meeting – February 18, 2021

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 board members, staff, and general public, the HRTPO Board Meeting will be held electronically.

Meeting Agenda

- 10:30 am
1. Call to Order
 2. Approval of Agenda
 3. Executive Director Report
 4. Community Advisory Committee Report
 5. Public Comments (*Please Refer to Agenda Note Item #5 for Details*)
 6. 2045 Long-Range Transportation Plan (LRTP) – Draft Fiscally Constrained List of Projects: Dale Stith, HRTPO
 7. Bowers Hill Interchange Improvements Study Update: Scott Smizik, VDOT
 8. Approval of Consent Items [**Action Requested**]
 - A. Minutes from January 21, 2021 HRTPO Board Meeting
 - B. HRTPO Financial Statement
 - C. Authorizing Resolution for FY 2022 Federal and State Grant Applications
 - D. 2020 CMAQ/RSTP Project Selection and Allocation Process
 - E. CMAQ and RSTP HRTPO Reserve Transfer: James City County – UPC 102980 – Pocahontas Trail Multimodal Corridor
 - F. FY 2021-2024 Transportation Improvement Program (TIP) Amendments
 - i. **Hampton Roads – Multi-Jurisdictional** – FY 2021-2024 TIP Amendment UPC 118376: Hampton Roads Express Lanes – Segment 3
 - ii. **Hampton Roads – Multi-Jurisdictional** – FY 2021-2024 TIP Amendment UPC T24778: HREL Toll Integration – Systems Integrator – HRTAC
 - iii. **Map/21 FAST Act Regional Performance Measures and Targets** – FY 2021-2024 TIP Amendment
 9. HRTPO Board Three-Month Tentative Schedule
 10. Correspondence of Interest
 11. Minutes of HRTPO Advisory Committee Meetings
 12. For Your Information
 - HRTAC Program Development Monthly Executive Report
 13. Old/New Business
- 12:00 pm
14. Adjournment

ITEM #1: CALL TO ORDER

The meeting is scheduled to be called to order by the chair at 10:30 a.m.

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 consideration by the HRTPO Board should be submitted at this time, as opposed to under “Old/New Business.”

ITEM #3: EXECUTIVE DIRECTOR REPORT

The Hampton Roads Transportation Planning Organization Executive Director will provide a report to the HRTPO Board.

Attachment 3

ITEM #4: COMMUNITY ADVISORY COMMITTEE REPORT

The HRPDC/HRTPO Community Advisory Committee Chair will provide a report to the HRTPO Board.

ITEM #5: PUBLIC COMMENTS

Members of the public are invited to address the HRTPO Board. Due to the COVID-19 crisis, interested persons may submit comments 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 48 hours before the meeting will be provided to the HRTPO Board members and included in the official record.

ITEM #6: 2045 LONG-RANGE TRANSPORTATION PLAN (LRTP) – DRAFT FISCALLY CONSTRAINED LIST OF PROJECTS

Dale Stith, HRTPO

The development of the 2045 Long-Range Transportation Plan (LRTP) is in the final stages of a five-year planning process. Project Prioritization scores have been produced for the 250+ multimodal candidate transportation projects, evaluating projects based on Project Utility (project effectiveness), Economic Vitality (potential for economic gain), and Project Viability (project readiness and compatibility). The final Prioritization scores and report were approved by the HRTPO Board at its January 21, 2021 meeting.

The Prioritization scores, along with forecasted available transportation revenues, provide the framework for fiscal constraint. Working with the LRTP Subcommittee (a TTAC subcommittee comprised of regional stakeholders responsible for guiding the development of the LRTP), multiple virtual meetings were held to refine Fiscal Constraint Guiding Principles and develop a draft fiscally constrained list of projects for the 2045 LRTP.

The draft 2045 LRTP fiscally constrained list of projects was presented to TTAC at its February 3, 2021 meeting. In addition to TTAC's review of the draft list, HRTPO staff will coordinate with other HRTPO advisory committees for their review and feedback. A 30-day public review and comment opportunity is scheduled to begin on February 18th. HRTPO staff will be seeking approval of the final list in March.

Ms. Dale M. Stith, HRTPO Principal Transportation Planner, will brief the HRTPO Board on the draft recommendations.

Attachment 6

RECOMMENDED ACTION:

For informational purposes.

ITEM #7: BOWERS HILL INTERCHANGE IMPROVEMENTS STUDY UPDATE
Scott Smizik, VDOT

Following the initial presentations on the findings of the Bowers Hill Interchange Improvements Study to the Transportation Technical Advisory Committee (TTAC) and HRTPO Board in early 2019, the TTAC formed a Bowers Hill Interchange Study Working Group to assist VDOT staff in the completion of the study by providing stakeholder review and guidance. Among the concerns of the TTAC was that the initial study assumed capacity improvements on I-664 that are not included in the current HRTPO Long-Range Transportation Plan (LRTP). In addition, in October 2019, the HRTPO Board approved a resolution endorsing the Hampton Roads Regional Express Lanes Network along I-64 as “a consistent Express Lanes Network that begins at Jefferson Avenue in Newport News, proceeds along I-64 through Bowers Hill in Chesapeake, and continues along I-664 to I-64 in the vicinity of the Hampton Coliseum.” The initial Bowers Hill Interchange Improvements Study did not account for express lanes at the interchange.

Following the recommendations of the Bowers Hill Interchange Study Working Group, at their May 21, 2020 meeting, the HRTPO approved the expanded parameters to include the ability to extend the Express Lanes through the interchange and northward along I-664. VDOT intends to brief the HRTPO Board on the initiation and status of the Bowers Hill Environmental Impact Statement (EIS) which was begun after action by the HRTPO and informed by the former Bowers Hill Environmental Assessment (EA).

Mr. Scott Smizik, VDOT Assistant Environmental Division Director, will brief the HRTPO Board on this item.

RECOMMENDED ACTION:

For informational purposes.

ITEM #8: APPROVAL OF CONSENT ITEMS [*Action Requested*]

A. Minutes from the January 21, 2021 HRTPO Board Meeting

Minutes from the January 21, 2020 HRTPO Board meeting are attached.

Attachment 8A

RECOMMENDED ACTION:

Approve the minutes.

B. HRTPO Financial Statement

The Statement of Revenues and Expenditures for the activities of December 2020 is attached. This statement reflects the financial status of the HRTPO as a whole.

Attachment 8B

RECOMMENDED ACTION:

Accept the HRTPO Financial Statement.

C. Authorizing Resolution for FY 2022 Federal and State Grant Applications

Each year, the HRTPO applies for regional planning funds under two federal programs that supplement the primary planning funds the HRTPO receives under the Federal Highway Administration (FHWA) Section 112 Metropolitan Planning (PL) Funds program. One is the Federal Transit Administration (FTA) Section 5303 program and the other is the FHWA State Planning and Research (SPR) Funds program.

Section 5303 funds are designated for transit planning and research activities. The FTA apportions Section 5303 funds for Virginia to the Virginia Department of Rail and Public Transportation (DRPT). Virginia Metropolitan Planning Organizations (MPOs) receive their apportionments from DRPT based on an urbanized area population-based formula. These funds require a 20% match, which is typically divided between the state and the MPO or transit agency, each contributing 10%. The HRTPO retains a portion of Section 5303 funds and allots the remaining funds to Hampton Roads Transit, Williamsburg Area Transit Authority, and Suffolk Transit via pass-through agreements.

SPR funds are administered by VDOT and are the primary source of funding for statewide long-range transportation planning in non-urbanized areas within the Commonwealth. SPR funds require matching funds of 20%.

Both programs require a resolution authorizing the HRTPO Executive Director to:

- File an application for the funds on behalf of the HRTPO
- Execute and file all necessary certifications and assurances, as well as any other documents or information required for the application
- Execute a grant agreement on behalf of the HRTPO

The resolutions (attached) also certify that the local share required to match the federal funds shall be made available from resources available to the HRTPO.

Attachment 8C1: HRTPO Board Resolution 2021-02 – FTA Section 5303 Program

Attachment 8C2: HRTPO Board Resolution 2021-03 – SPR Program

RECOMMENDED ACTION:

Approve the resolutions and authorize the Executive Director to file applications and execute the associated documents for the FY 2022 FTA Section 5303 and SPR funding programs.

D. 2020 CMAQ/RSTP Project Selection and Allocation Process

The Transportation Technical Advisory Committee met on February 3, 2021 to consider a set of recommended projects to receive allocations of FY 2027 Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds and Regional Surface Transportation Program (RSTP) funds.

A brief description of the recommended set of projects and allocations are shown in the tables below.

Recommended CMAQ Projects and Allocations

ID/UPC #	Jurisdiction	Project Description	Proposed Allocation FY-27
Previously Approved Projects			
115863	Portsmouth	Traffic Signal System Retiming	\$120,000
115369	Chesapeake	Citywide Traffic Signal System Upgrade	\$175,000
102980	James City	Pocahontas Trail Multimodal Corridor	\$4,256,443
115519	Newport News	Signal Timing Improvement	\$450,000
115520	Chesapeake	Chesapeake Signal Timing – All Phases	\$150,000
New CMAQ Projects with FY-27 Allocations			
CH1A-DCM	Chesapeake	Chesapeake Signal Timing – Phases 1-4	\$150,000
CH2CM	Chesapeake	Citywide Traffic Signal System Upgrade	\$250,000
VB2CM	Virginia Beach	Traffic Signal System Retiming	\$663,000
PO1CM	Portsmouth	Citywide Traffic Signal System Upgrades	\$300,000
WT1CM	WATA	Five (5) Bus Purchase Replacement	\$3,700,000
CH3CM	Chesapeake	N Battlefield/Byron St Traffic Signal	\$150,000
VB1CM	Virginia Beach	Holland Rd Phase II	\$300,516
CH4CM	Chesapeake	Deep Creek Elementary School Traffic Signal Improvement	\$150,000
VP1CM	VPA	Green Operator Program	\$1,000,000
CH6CM	Chesapeake	Battlefield Blvd./Johnstown Rd Intersection Improvements	\$555,500
CH5CM	Chesapeake	Centerville Turnpike/Elbow Rd Intersection Improvements	\$308,000
CH7CM	Chesapeake	460/58/13 Safety Improvements	\$1,608,800
YC1CM	York County	Victory Boulevard Shared Use Path	\$256,620
SF3CM	Suffolk	Wilroy Rd/Progress Rd Intersection	\$300,000
SF1CM	Suffolk	Constance Rd/Wilroy Rd Intersection	\$300,000
		TOTAL: CMAQ Allocations	\$15,143,699
		TOTAL: Left in Reserve	\$218,026

Recommended RSTP Projects and Allocations

ID/UPC #	Jurisdiction	Project Description	Proposed Allocation FY-27
Previously Approved Projects			
T14104	HRT	TRAFFIX Program	\$1,000,000
T16054	HRT	Bus Vehicle Replacement	\$1,952,899
110627	Gloucester County	George Washington Highway (Rte. 17) Widening - Phase 1	\$5,985,265
102980	James City	Pocahontas Trail Multimodal Corridor	\$2,381,213
115423	Chesapeake	George Washington Highway Widening	\$7,850,000
115543	Virginia Beach	Nimmo Parkway Phase VIIB	\$5,000,000
T22709	HRT	Victoria Boulevard Facility Upgrades - Phase 2	\$3,250,000
New RSTP Projects with FY-27 Allocations			
VB2RS	Virginia Beach	Laskin Rd Phase III	\$3,669,000
YC1RS	York County	Route 17 Widening Between Route 630 and Route 173	\$1,500,000
SP1RS	SPSA	SPSA Flyover - Phase I	\$500,000
NO1RS	Norfolk	Brambleton Ave Bridge Rehabilitation	\$3,000,000
YC2RS	York County	York County Roadway Needs Assessment	\$300,000
GC1RS	Gloucester County	Rt 17 Widening - Short Ln (SR 615) to Main St (Business 17)	\$250,000
WT1RS	WATA	Transit Strategic Plan (TSP) Major Update	\$360,000
		TOTAL: RSTP Allocations	\$36,998,377
		TOTAL: Left in Reserve	\$80,136

The Transportation Technical Advisory Committee (TTAC) has recommended approval of the FY 2027 CMAQ and RSTP projects and allocations.

RECOMMENDED ACTION:

Approve the FY 2027 CMAQ and RSTP projects and allocations.

E. CMAQ and RSTP HRTPO Reserve Transfer: James City County – UPC 102980 – Pocahontas Trail Multimodal Corridor

James City County has requested to transfer a total of \$1,100,000 in Congestion Mitigation and Air Quality (CMAQ) Improvement Program funds and a total of \$1,400,000 in Regional Surface Transportation Program (RSTP) funds from the HRTPO CMAQ and RSTP Reserve Accounts, respectively, to UPC 102980 in James City County in order to fully fund the project and maintain the project schedule. The specifics of the request are described below:

- **UPC 102980 – Pocahontas Trail Multimodal Corridor**
 - Receive FY 2026 CMAQ allocation of \$1,100,000, including CMAQ Match, from the HRTPO CMAQ Reserve Account
 - Receive FY 2025 RSTP allocation of \$1,400,000, including RSTP Match, from the HRTPO RSTP Reserve Account

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 “Air Quality,” as it is a bicycle and pedestrian facility project.

Should the HRTPO Board approve the CMAQ and RSTP fund transfers described above, the appropriate databases will be amended to update the funding information associated with the project. This request was made available for public review and comment from January 28, 2021 through February 11, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of the CMAQ and RSTP transfers.

RECOMMENDED ACTION:

Approve the project funding transfers.

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

i. Hampton Roads – Multi-Jurisdictional – FY 2021-2024 TIP Amendment: UPC 118376 – Hampton Roads Express Lanes – Segment 3

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

- **UPC 118376 – Hampton Roads Express Lanes – Segment 3**
 - Add project to TIP
 - Description: Provide a tolling infrastructure construction for Segment 3 of the Hampton Roads Express Lane Network consisting of approximately 10 miles in length located along I-64 in the cities of Hampton and Norfolk.
 - Project Length: 10 miles
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$1,600,000
 - Right of Way (RW): \$0
 - Construction (CN): \$23,030,792
 - Total Cost Estimate: \$24,630,792
 - Schedule as follows:
 - PE Start: 3/30/2021; End: 5/27/2022
 - RW: N/A
 - CN Start: 5/27/2022; End: 2/25/2024
 - Allocations as follows:
 - Add FY 2021 Hampton Roads Transportation Fund (HRTF) allocation of \$800,000
 - Add FY 2022 HRTF allocation of \$800,000
 - Add FY 2023 HRTF allocation of \$7,515,396
 - Add FY 2024 HRTF allocation of \$8,000,000
 - Obligations as follows:
 - Add FY 2021 PE Phase Other obligation of \$1,600,000

This project is considered regionally significant and this amendment is to add the project to the Hampton Roads FY 2021-2024 TIP. It is associated with UPC 115008, also considered regionally significant, and was included as such in the Hampton Roads FY 2021-2024 TIP and 2040 LRTP that received a conformity finding from the Federal Highway Administration (FHWA) dated July 13, 2020; therefore, conformity has already been demonstrated.

This request was made available for public review and comment from January 27, 2021 through February 10, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

RECOMMENDED ACTION:

Approve the TIP amendment.

**ii. Hampton Roads – Multi-Jurisdictional – FY 2021-2024 TIP Amendment:
UPC T24778 – HREL Toll Integration – Systems Integrator – HRTAC**

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

- **UPC T24778 – HREL Toll Integration – Systems Integrator – HRTAC**
 - Add project to TIP
 - Description: Provide a tolling system integrator to complete the operating tolling system for Segments 1, 3, 4A, 4B, and 4C. This project is for HRTAC accounting purposes and is associated with UPC 116741.
 - Project Length: N/A
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$5,873,452
 - Right of Way (RW): \$0
 - Construction (CN): \$33,282,898
 - Total Cost Estimate: \$39,156,350
 - Schedule as follows:
 - PE Start: 4/1/2021; End: 5/10/2022
 - RW: N/A
 - CN Start: 5/10/2022; End: 12/31/2025
 - Allocations as follows:
 - Add FY 2021 Hampton Roads Transportation Fund (HRTF) allocation of \$2,500,000
 - Add FY 2022 HRTF allocation of \$10,500,000
 - Add FY 2023 HRTF allocation of \$10,873,452
 - Add FY 2024 HRTF allocation of \$10,000,000
 - Obligations as follows:
 - Add FY 2021 PE Phase Other obligation of \$5,873,452
 - Add FY 2022 CN Phase Other obligation of \$33,282,898

This amendment is to add the 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 is for accounting purposes only, and therefore does not require a new conformity determination.

This request was made available for public review and comment from January 27, 2021 through February 10, 2021. The Transportation Technical Advisory Committee (TTAC) has recommended approval of TIP amendment.

RECOMMENDED ACTION:

Approve the TIP amendment.

iii. **MAP/FAST Act Regional Performance Measures and Targets – FY 2021-2024 TIP Amendment**

A key feature of MAP-21 (and continued under the FAST Act) is the establishment of national performance goals in the areas of safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability, and reduced project delivery delays. This legislation also requires Metropolitan Planning Organizations (MPOs) to prepare and set targets for the following federally-established performance measures:

- Roadway Safety
- Pavement Condition
- Bridge Condition
- Roadway Performance
- Freight Movement
- Transit Asset Management and Safety
- On-road mobile source emissions and traffic congestion for CMAQ Program

The FAST Act also requires that Transportation Improvement Programs (TIPs) include a description of the anticipated effect of the TIP toward achieving the performance targets identified by the MPO. The TIP must also link investment priorities in the TIP to the achievement of performance targets in the plans.

MPOs must approve Calendar Year 2021 regional performance targets in three of these areas – roadway safety, transit asset management, and transit safety.

Mid-Period Performance Target Adjustments

States have the opportunity to adjust four-year asset condition and system performance targets at the mid-term of the performance period, as do MPOs that established their own four-year targets. For any mid-period adjustments made by the state, MPOs may choose whether to continue supporting the state target or adopt a new, MPO-specific target.

The CTB approved adjusting one of the statewide four-year targets – NHS bridge deck area in good condition – from 33% down to 30.5%. The target adjustment was recommended to align with the current best estimate of statewide performance.

The Regional Performance Measures Task Force discussed this topic at their December 17, 2020, meeting and reached consensus on using a target for NHS bridge deck area in good condition of 27%. This would match the baseline based on the percentage that was in good condition in Hampton Roads in 2017.

The regional safety, transit asset management, transit safety, and NHS bridge deck area in good condition performance targets were approved by the HRTPO Board at its January 2021 meeting.

HRTPO staff has prepared a website (<https://www.hrtpo.org/page/regional-performance-measures-and-targets/>) that describes these performance measures and targets.

Attached are the updated roadway safety, transit asset management/safety, and deck area in good condition TIP Performance Measures sections to be added to the FY 2021-2024 TIP document.

Attachment 8Fiii

RECOMMENDED ACTION:

Approve the TIP amendment.

ITEM #9: HRTPO BOARD THREE-MONTH TENTATIVE SCHEDULE

March 2021

Thursday, March 18, 2021: 10:30 a.m. – 12:30 p.m.

Per the regional meeting schedule, there is no March Board meeting

April 2021

Thursday, April 15, 2021: 10:30 a.m. – 12:30 p.m.

- 2045 Long-Range Transportation Plan (LRTP)
 - Funding Plan
 - Project Information Guide
 - Plan Performance
- Hampton Boulevard Corridor Study: Final

May 2021

Thursday, May 20, 2021: 10:30 a.m. – 12:30 p.m.

- 2045 LRTP and FY 2021-2024 TIP Regional Conformity Report
- FY 2022 UPWP: Final
- Regional Performance Measures System Performance Report

ITEM #10: CORRESPONDENCE OF INTEREST

A. Letter of Appointment to the HRTPO Board

Attached is a letter, dated January 13, 2021, from Ms. Debra Y. White, Portsmouth City Clerk, to The Honorable Shannon E. Glover, appointing him as the City's voting representative to the Board of the Hampton Roads Transportation Planning Organization (HRTPO).

Attachment 10A

B. Letter of Appointment to the HRTPO Board

Attached is a letter, dated January 19, 2021, from J. Brent Fedors, Gloucester County Administrator, to Mr. Robert A. Crum, Jr., HRTPO Executive Director, appointing Mr. Phillip N. Bazzani and Mr. Christopher A. Hutson as the County's voting and alternate voting representatives, respectively, to the Board of the Hampton Roads Transportation Planning Organization (HRTPO).

Attachment 10B

ITEM #11: MINUTES OF HRTPO ADVISORY COMMITTEE MEETINGS

A. Community Advisory Committee (CAC)

The summary minutes of the November 12, 2020 meeting of the Community Advisory Committee can be found on the HRTPO website at the following link:

<https://www.hrtpo.org/library/view/815/cac-summary-minutes-111220>

B. Transportation Technical Advisory Committee (TTAC)

The summary minutes of the January 6, 2021 meeting of the Transportation Technical Advisory Committee can be found on the HRTPO website at the following link:

<https://www.hrtpo.org/library/view/847/ttac-minutes-january-6-2021>

ITEM #12: FOR YOUR INFORMATION

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.

Attachment 12