

**Summary Minutes of the HRTPO Transportation
Technical Advisory Committee (TTAC) Meeting
October 2, 2019**

The HRTPO Transportation Technical Advisory Committee (TTAC) Meeting was called to order at 9:33 a.m. in the Regional Building Boardroom, 723 Woodlake Drive, Chesapeake, Virginia, with the following in attendance:

TTAC Voting Members in Attendance:

Robert Lewis (Chair, SU)	Bryan Stille (NN)	Carolyn Murphy (WM)
Benjamin Camras (CH)	Robert Brown (NO)	Tim Cross (YK)
Troy Eisenberger (CH)	Brian Fowler (Alternate, NO)	Tiffany Dubinski (DRPT)
Earl Sorey (CH)	Frank Brown (PO)	Jamie Jackson (HRT)
Carol Rizzio (GL)	Carl Jackson (PO)	Sonya Hallums-Ponton (VDOT)
Mike Hayes (HA)	LJ Hansen (SU)	Dawn Odom (VDOT)
Angela Rico (Alternate, HA)	Jason Souders (Alternate, SU)	Eric Stringfield (VDOT)
Richard Rudnicki (IW)	Phil Pullen (VB)	Barbara Nelson (VPA)
Paul Holt (JC)	Tara Reel (VB)	Barbara Creel (Alternate, WATA)
Bridjette Parker (NN)	Katie Shannon (Alternate, VB)	

TTAC Voting Members Absent:

Donald Goodwin (FR)	Dannan O'Connell (PQ)	Daniel Clayton (WM)
Anne Ducey-Ortiz (GL)	Ellen Roberts (PQ)	Aaron Small (WM)
Jason Mitchell (HA)	Debbie Vest (PQ)	Earl Anderson (YK)
Benjamin Sullivan (IW)	Michael Johnson (SH)	Joe Sisler (YK)
Tammy Rosario (JC)	Beth Lewis (SH)	Joshua Moore (WATA)
James Wright (PO)	Lynette Lowe (SH)	

TTAC Nonvoting Members in Attendance:

Michael King (NAVY)

TTAC Nonvoting Members Absent:

Ivan Rucker (FHWA)
Melissa McGill (FTA)

HRTPO Staff in Attendance:

Sam Belfield	Uros Jovanovic	Kendall Miller
Theresa Brooks	Mike Kimbrel	Keith Nichols
Natalie Brown	Steve Lambert	Leonardo Pineda
Rob Case	Sharon Lawrence	Jeff Raliski
Kathlene Grauberger	John Mihaly	Dale Stith

Others Recorded Attending:

Rob Webber (SU); Patrick Allen, Lui Zukosky (RK&K); Keisha Branch (HRT); Karen McPherson (McPherson Consulting); Lynn Allsbrook (Whitman, Requardt & Assoc. LLC) Phil Lohr (HNTB); Caleb Brooks, Robin Grier, Sharonda Hawkins, Karen Bourne, Tim Haynam (VDOT); Raj Paradkaw (Kimley-Horn); Samuel Hayes (Moffatt & Nichol); Kirsten Tynch (VHB); Chris Vaigneur, Andrew Margason (HRPDC Staff); Sam Sink, Ray Amoruso (HRT).

Introduction

There were no introductions.

Public Comment Period

There were no public comments.

Submitted Public Comments

There were no submitted public comments.

Comments and Updates from State and Federal Agencies and the Military

There were no comments from VDOT.

Ms. Tiffany Dubinsky from the Virginia Department of Rail and Public Transportation (DRPT) updated TTAC on the fall webinar workshop. The meeting will be November 13, 2019 at 10:00 a. m.

There was no one in attendance from FHWA.

Mr. Michael King from the U.S. Navy updated the committee that the Navy conducted a tour of Craney Island regarding the Regional Connectors Study on Monday, September 30, 2019.

Approval of Agenda

Chair Robert Lewis asked for additions or deletions with regard to the TTAC Agenda.

Ms. Tiffany Dubinsky asked if item 15 *FY 2018-2021 TIP Revision – Request to Transfer RSTP Funding: UPC T22709, Victoria Boulevard Facility Upgrades – Phase 2* should be a TIP revision or amendment. Mr. John Mihaly reported that item 15 is an amendment since the project is being added to the FY 18-21 TIP.

Mr. Earl Sorey Moved to approve the agenda as written; seconded by Mr. Bryan Stilley. The Motion Carried.

Summary Minutes

Chair Lewis reported that the TTAC summary minutes from the September 4, 2019 meeting were included in the Agenda Packet. Chair Lewis asked for any additions or corrections to the minutes. Hearing none, Mr. Tim Cross Moved to approve the minutes as written; seconded by Mr. LJ Hansen. The Motion Carried.

Election of Officers

Mr. Phil Pullen, TTAC Nominating Subcommittee Chair, reported that the subcommittee submits Mr. Robert Lewis and Mr. Bryan Stillely for the positions of TTAC Chair and Vice-Chair, respectively.

Mr. Phil Pullen Moved to approve the nominations. The Motion Carried.

FY 2018-2021 TIP Amendment Request:

UPC 111788: I -264 West Off-Ramp Improvements at Ballentine Boulevard in Norfolk

Mr. Eric Stringfield reported that the Virginia Department of Transportation (VDOT) requested to amend the FY 2018-2021 Transportation Improvement Program (TIP) to add one project as described below:

- 111788 – I-264 West Off-Ramp at Ballentine Boulevard in Norfolk
 - Add project to TIP
 - Description: Addition of dual right turn lane on the I-264 West off-ramp at Ballentine Boulevard.
 - Project Length: 0.09 miles
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$200,000
 - Right of Way (RW): \$180,000
 - Construction (CN): \$1,330,000
 - Total Cost Estimate: \$1,710,000
 - Schedule as follows:
 - PE Start: 12/2/2019; End: 7/14/2022
 - RW Start: 7/14/2022; End: 10/10/2023
 - CN Start: 10/10/2023; End: 11/6/2024
 - Allocations
 - Add FY 2019 District Grants Program (DGP) allocation of \$200,000
 - Add FY 2021 Surface Transportation Program (STP) allocation of \$144,000 and \$36,000 match
 - Obligations
 - Add FY 2020 PE Phase Surface Transportation Program/Surface Transportation Block Grant (STP/STBG) obligation of \$200,000

This project is not currently included in the Hampton Roads FY 2018-2021 TIP but is consistent with the 2040 LRTP. Since the scope of this project is improving the off-ramp and not adding new movement, it will not require a new conformity determination.

This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Rob Brown Moved to recommend HRTPO Board approval of the TIP Amendment; seconded by Mr. Carl Jackson. The Motion Carried.

FY 2018-2021 TIP Amendment Request:

UPC 111791: Route 171 Widening between Route 17 and Route 134 in York County

Mr. Eric Stringfield reported that the Virginia Department of Transportation (VDOT) requested to amend the FY 2018-2021 Transportation Improvement Program (TIP) to add one project as described below:

- 111791 – Route 171 Widening between Route 17 and Route 134 in York County
 - Add project to TIP
 - Description: Widening of Route 171 (Victory Boulevard) from five to six lanes between Route 17 and Route 134.
 - Project Length: 0.370 miles
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$793,397
 - Right of Way (RW): \$271,222
 - Construction (CN): \$3,578,640
 - Total Cost Estimate: \$4,643,259
 - Schedule as follows:
 - PE Start: 12/2/2019; End: 5/3/2022
 - RW Start: 5/3/2022; End: 7/11/2023
 - CN Start: 7/11/2023; End: 10/7/2024
 - Allocations
 - Add FY 2020 District Grants Program (DGP) allocation of \$356,542
 - Add FY 2021 DGP allocation of \$436,854
 - Obligations
 - Add FY 2020 PE Phase Advanced Construction (AC) Other obligation of \$793,396

This project is considered regionally significant and was included as such in the Hampton Roads 2040 LRTP that received a conformity finding from the Federal Highway Administration (FHWA) dated October 29, 2018. This project is being added to the Hampton Roads TIP; however, there are no changes to the project scope; therefore, it does not require a new conformity determination.

This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Tim Cross Moved to recommend HRTPO Board approval of the TIP Amendment; seconded by Ms. Carolyn Murphy. The Motion Carried.

**FY 2018-2021 TIP Amendment Request:
UPC 115512: Longhill Road Shared Use Path in James City County**

Mr. Eric Stringfield reported that the Virginia Department of Transportation (VDOT) requested to amend the FY 2018-2021 Transportation Improvement Program (TIP) to add one project as described below:

- 115512 – Longhill Road Shared Use Path in James City County
 - Add project to TIP
 - Description: Construction of a shared use path to fill gaps on Longhill Road from DePue Drive to Lane Place.
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$530,000
 - Right of Way (RW): \$270,000
 - Construction (CN): \$3,600,000
 - Total Cost Estimate: \$4,400,000
 - Schedule as follows:
 - PE Start: 12/2/2019; End: 2/15/2023
 - RW Start: 2/15/2023; End: 2/13/2024
 - CN Start: 2/13/2024; End: 12/16/2024
 - Allocations
 - Add FY 2018 High Priority Projects (HPP) Program allocation of \$94,920
 - Add FY 2019 District Grants Program (DGP) allocation of \$100,000
 - Add FY 2021 DGP allocation of \$335,080
 - Obligations
 - Add FY 2020 PE Phase Advanced Construction (AC) Other obligation of \$530,000

This project is considered exempt from conformity under the following provision contained in section 40 CFR 93.126 of the conformity rule: *Air Quality – Bicycle and Pedestrian Facilities*, and therefore does not require a conformity determination.

This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Paul Holt Moved to recommend HRTPO Board approval of the TIP Amendment; seconded by Ms. Carolyn Murphy. The Motion Carried.

**FY 2018-2021 TIP Amendment Request:
UPC 115513: Carrollton Boulevard (Route 17) Crosswalks in Isle of Wight County**

Mr. Eric Stringfield reported that the Virginia Department of Transportation (VDOT) requested to amend the FY 2018-2021 Transportation Improvement Program (TIP) to add one project as described below:

- 115513 – Carrollton Boulevard (Route 17) Crosswalks in Isle of Wight County
 - Add project to TIP
 - Description: Install a crosswalk on Carrollton Boulevard (Route 17) at the intersection of Carrollton Boulevard and Eagle Harbor Parkway and a second crosswalk at Smith’s Neck Road and Graystone Drive.
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$31,000
 - Right of Way (RW): \$0
 - Construction (CN): \$181,000
 - Total Cost Estimate: \$212,000
 - Schedule as follows:
 - PE Start: 12/2/2019; End: 12/8/2020
 - RW Start: N/A; End: N/A
 - CN Start: 12/8/2020; End: 10/11/2021
 - Allocations
 - Add FY 2019 District Grants Program (DGP) allocation of \$31,000
 - Add FY 2021 DGP allocation of \$181,000
 - Obligations
 - Add FY 2020 PE Phase Advanced Construction (AC) Other obligation of \$31,000
 - Add FY 2021 CN Phase AC-Other obligation of \$181,000

This project is considered exempt from conformity under the following provision contained in section 40 CFR 93.126 of the conformity rule: *Air Quality – Bicycle and Pedestrian Facilities*, and therefore does not require a conformity determination.

This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Richard Rudnicki Moved to recommend HRTPO Board approval of the TIP Amendment; seconded by Ms. Carolyn Murphy. The Motion Carried.

**FY 2018-2021 TIP Revision – Request to Transfer CMAQ Funding:
UPC 115559: Denbigh Fringe Park & Ride Improvements in Newport News**

Mr. Eric Stringfield reported that the Virginia Department of Transportation (VDOT) requested to amend the FY 2018-2021 Transportation Improvement Program (TIP) to add one project and to transfer a total of \$200,365 in Congestion Mitigation and Air Quality Program (CMAQ) funds from the HRTPO CMAQ Reserve Account. The details of the request are as follows:

- 115559 – Denbigh Fringe Park & Ride Improvements in Newport News
 - Add project to TIP
 - Description: Repave and restripe existing park & ride lot.
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$19,695
 - Right of Way (RW): \$0
 - Construction (CN): \$180,670
 - Total Cost Estimate: \$200,365
 - Schedule as follows:
 - PE Start: 7/15/2021; End: 9/12/2023
 - RW Start: N/A
 - CN Start: 9/12/2023; End: 7/19/2024
 - Allocations:
 - Receive FY 2021 CMAQ allocation of \$160,292, plus \$40,073 State match, from the HRTPO CMAQ Reserve Account
 - Transfer FY 2025 CMAQ allocation \$160,292, plus \$40,073 State match, to the HRTPO CMAQ Reserve Account
 - Obligations:
 - Add FY 2021 PE Phase Advanced Construction (AC) obligation of \$15,756, plus \$3,939 match

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

Should the HRTPO Board approve the funding transfers described above, the FY 2018-2021 Transportation Improvement Program (TIP) will be amended to update the funding information associated with the project. This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Carl Jackson Moved to recommend HRTPO Board approval of the proposed project funding transfers and associated TIP amendment; seconded by Mr. Bryan Stilley. The Motion Carried.

**FY 2018-2021 TIP Revision – Request to Transfer RSTP Funding:
UPC 17633: Richmond Road Multi-Use Trail in James City County**

Mr. Paul Holt reported that James City County requested to amend the FY 2018-2021 Transportation Improvement Program (TIP) to revise the cost estimate of one project and transfer a total of \$772,663 in Regional Surface Transportation Program (RSTP) funds from the HRTPO RSTP Reserve Account to UPC 17633 Richmond Multi-Use Trail to address the increase in costs to continue the project. The specifics of the request are described below:

- UPC 17633 – Richmond Road Multi-Use Trail
 - Revise Cost Estimate as follows:
 - Preliminary Engineering (PE): \$602,000
 - Right of Way (RW): \$1,501,825

- Construction (CN): \$1,446,175
 - Total Cost Estimate: \$3,550,000
- Receive FY 2020 RSTP allocation of \$609,497, plus \$163,166 State match, from the HRTPO RSTP Reserve Account

This project is considered exempt from conformity under the following provision contained in section 40 CFR 93.126 of the conformity rule: *Air Quality – Bicycle and Pedestrian Facilities*, and therefore does not require a conformity determination.

Should the HRTPO Board approve the funding transfer described above, the FY 2018-2021 Transportation Improvement Program (TIP) will be amended to update the funding information associated with the project. This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Ms. Carolyn Murphy Moved to recommend HRTPO Board approval of the proposed project funding transfer and the associated TIP amendment; seconded by Mr. Tim Cross. The Motion Carried.

**FY 2018-2021 TIP Revision – Request to Transfer RSTP Funding:
UPC T22709: Victoria Boulevard Facility Upgrades – Phase 2 in Portsmouth**

Ms. Jamie Jackson reported that Hampton Roads Transit (HRT) requested to amend the FY 2018-2021 Transportation Improvement Program (TIP) to add one project and to transfer a total of \$2,381,213 in Regional Surface Transportation Program (RSTP) funds from the HRTPO RSTP Reserve Account to UPC T22709 Victoria Boulevard Facility Upgrades – Phase 2. The details of the request are as follows:

- T22709 – Victoria Boulevard Facility Upgrades – Phase 2
 - Add project to TIP
 - Description: Improvements to the Victoria Boulevard facility to enhance the efficiency of operations and allow for future expansion of service.
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$0
 - Right of Way (RW): \$0
 - Construction (CN): \$10,000,000
 - Total Cost Estimate: \$10,000,000
 - Schedule as follows:
 - PE Start: N/A
 - RW Start: N/A
 - CN Start: 10/1/2024; End: 9/30/2026
 - Allocations:
 - Receive FY 2001 RSTP allocation of \$311,435, plus \$77,859 State match, from the HRTPO RSTP Reserve Account
 - Receive FY 2002 RSTP allocation of \$472,000, plus \$118,000 State match, from the HRTPO RSTP Reserve Account
 - Receive FY 2003 RSTP allocation of \$400,800, plus \$100,200 State match, from the HRTPO RSTP Reserve Account

- Receive FY 2008 RSTP allocation of \$510,179, plus \$127,545 State match, from the HRTPO RSTP Reserve Account
- Receive FY 2012 RSTP allocation of \$50,549, plus \$12,646 State match, from the HRTPO RSTP Reserve Account
- Receive FY 2013 RSTP allocation of \$160,000, plus \$40,000 State match, from the HRTPO RSTP Reserve Account

This project is considered exempt from conformity under the following provision contained in section 40 CFR 93.126 of the conformity rule: *Mass Transit* to support the upgrade of an existing transit facility.

Should the HRTPO Board approve the funding transfers described above, the FY 2018-2021 Transportation Improvement Program (TIP) will be amended to update the funding information associated with the project. This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Paul Holt Moved to recommend HRTPO Board approval of the proposed project funding transfers and associated TIP Amendment; seconded by Mr. Earl Sorey. The Motion Carried.

**FY 2018-2021 TIP Revision – Request to Transfer CMAQ Funding:
UPC 103928: Green Operator Truck Replacement Program**

Ms. Barbara Nelson reported that the Virginia Port Authority (VPA) requested to revise the cost estimate and schedule of one project and transfer a total of \$2,000,000 in Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds from the HRTPO CMAQ Reserve Account to this CMAQ eligible project to address the increase in costs to continue the project. The specifics of the request are described below:

- UPC 103928 – Green Operator Truck Replacement Program
 - Revise Cost Estimate as follows:
 - Preliminary Engineering (PE): \$5,042,249
 - Right of Way (RW): \$0
 - Construction (CN): \$0
 - Total Cost Estimate: \$5,042,249
 - Receive FY 2021 CMAQ allocation of \$1,519,530 plus \$379,883 State match, from the HRTPO CMAQ Reserve Account
 - Receive FY 2022 CMAQ allocation of \$80,469, plus \$20,118 State match, from the HRTPO CMAQ Reserve Account

This project was included in the HRTPO FY 2018-2021 TIP and is considered consistent with the 2040 LRTP that received a conformity finding from the Federal Highway Administration on October 29, 2018. It was included as not deemed regionally significant and as such does not require a new conformity determination.

Should the HRTPO Board approve the funding transfers described above, the FY 2018-2021 Transportation Improvement Program (TIP) will be amended to update the funding

information associated with the project. This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Eric Springfield Moved to recommend HRTPO Board approval of the proposed project funding transfers and associated TIP amendment; seconded by Ms. Carolyn Murphy. The Motion Carried.

Regional Surface Transportation Program (RSTP) Funding Revision – Request to Transfer RSTP Funding:

UPC 115517: Mt. Pleasant/Route 168 Interchange in Chesapeake

UPC 115423: George Washington Highway Widening Project in Chesapeake

Mr. Earl Sorey reported that the City of Chesapeake requested to transfer a total of \$500,000 in FY 2025 Regional Surface Transportation Program (RSTP) funds from UPC 115517, due to the receipt of SMART SCALE funding, to another RSTP eligible project. The specifics of the request are described below:

- UPC 115423 – George Washington Highway Widening Project
 - Receive FY 2025 RSTP allocation of \$400,000, plus \$100,000 State match, from UPC 115517 (Mt. Pleasant/Route 168 Interchange Project)

UPC 115517 was included in the Hampton Roads 2040 LRTP that received a conformity finding from the Federal Highway Administration (FHWA) dated October 29, 2018. It was included as not being regionally significant, and therefore does not require a new conformity determination. UPC 115423 is considered regionally significant and was included as such in the Hampton Roads 2040 LRTP; however, the scope of the project has not changed, therefore, it does not require a new conformity determination

Should the HRTPO Board approve the funding transfer described above, VDOT will be notified to update its appropriate databases. This request was made available for public review and comment from September 25, 2019 through October 9, 2019.

Mr. Earl Sorey Moved to recommend HRTPO Board approval of the proposed project funding transfer; seconded by Bryan Stilley. The Motion Carried.

State of Transportation in Hampton Roads Study: Final

Mr. Keith Nichols, HRTPO Principal Transportation Engineer, reported that the draft report of the *State of Transportation in Hampton Roads* was presented to TTAC on September 4, 2019 and underwent public review and comment from September 4, 2019 through September 18, 2019 with no public comments received.

Mr. Carl Jackson Moved to recommend HRTPO Board approval of the final study; seconded by Mr. Mike Hayes. The Motion Carried.

Bowers Hill Interchange Study: Working Group Update

At the May 1, 2019 TTAC meeting, Mr. Tim Hayman, VDOT Hampton Roads District, Senior Design Project Manager, outlined three alternatives considered in the study:

- No Build Alternative
- Alternative I: Braided Ramps
- Alternative II: Full Interchange

At that meeting, the TTAC decided to halt the study and to create a working group composed of localities and VDOT to ensure that the project is consistent with HRTAC's charge to relieve congestion.

At the October TTAC meeting, after a lengthy discussion, working group members agreed to meet again in October and report back to TTAC in November.

Linking Hampton Roads, A Regional Active Transportation Plan: Infrastructure Recommendations Update

Mr. Steve Lambert, HRTPO Transportation Planner II, briefed the committee on the *Linking Hampton Roads Study* which is the first regional active transportation plan initiative that will produce regional recommendations to guide localities, HRTPO staff, and the 2045 LRTP.

Mr. Lambert reported that the Active Transportation (AT) Subcommittee approved the first three chapters over the last year. Mr. Lambert stated *Chapter Four: Recommendations* was sent to the Active Transportation Subcommittee for comments in August 2019 and will be awaiting approval at the October 25, 2019 meeting which will be held at Cape Charles Civic Center at 10:00 a.m. Mr. Lambert informed TTAC that in January 2020, *Chapter Five: Prioritization* will be presented to the ATS.

Impact of HOT Lane Operations – Lessons from I-64 Reversible Lanes: Draft

Dr. Robert Case, HRTPO Chief Transportation Engineer, briefed the committee on the impact of the January 10, 2018 change in the operation of the I-64 reversible lanes in Norfolk.

Key take-aways:

During the original managed hours, compared to HOV operation, the HOT operation:

- Significantly increased the usage of the reversible lanes
- Maintained high speeds in the reversible lanes
- Reduced volume and congestion in the General Purpose (GP) lanes
- Enabled the total system to carry more vehicles
- Resulted in the reversible lanes being half as full as the GP lanes

During additional managed hours, compared to unrestricted operation, HOT operation:

- Significantly decreased the usage of the reversible lanes
- Slightly increased reversible lane speeds
- Significantly increased volume and congestion in the GP lanes
- Caused the total system to carry fewer vehicles and persons
- Resulted in the reversible lanes being half as full as the GP lanes

Dr. Case requested TTAC members review the draft report and submit comments to him by COB Wednesday, October 16, 2019.

I-64 Regional Express Lanes Update

Mr. Mike Kimbrel, HRTPO Deputy Executive Director, briefed the committee on the HRTPO staff analysis of the proposed managed lanes network using 2040 projected traffic data. He noted that HRTPO staff followed up with a proposal to provide additional information to assist in reaching the regional decision on express lanes by using the HRTPO Travel Demand Model to predict the effects of an express lanes network on the I-64 corridor 20 to 25 years into the future. HRTPO and VDOT staff coordinated on the effort and provided preliminary results at a Concurrent HRTAC/HRTPO Board meeting on September 19, 2019.

He reported the managed lanes network as analyzed would include HOT-2 lanes on I-64 from Jefferson Avenue to Bowers Hill and part-time HOT-2 shoulder lanes adjacent to reversible HOT lanes, which will allow for two-way HOT operation throughout the day.

Mr. Kimbrel indicated that the volume of traffic will increase by 20% by 2040. He stated that using the baseline (general purpose) scenario, severe congestion will occur by 2040. The managed lanes (HOT-2) network will provide reliable trips for high occupancy vehicles (HOV-2) and single-occupancy vehicles willing to pay tolls and transit vehicles.

Mr. Tim Haynam, VDOT Hampton District Project Manager, briefed the committee on the Proposed Scenario, Peak Period Performance, and Hot Spot Locations.

Mr. Haynam stated the next steps in the Hampton Roads Regional Network Operational Study included:

- Tolling Policy
 - HOT2 vs HOT3
 - Hours of Operation
- Financing of Proposed Scenario
 - Traffic and Revenue
 - Costs of additional proposed improvements

Three-Month Tentative Schedule

Chair Lewis noted that there will not be a December TTAC meeting.

For Your Information

Chair Lewis highlighted the items in the For Your Information section in the agenda packet.

Announcements

Chair Lewis noted:

- HRTPO Long Range Transportation Plan (LRTP) Subcommittee meeting has scheduled to convene immediately following the TTAC meeting
- HRTPO Board will be meeting on October 17, 2019
- Active Transportation Subcommittee (ATS) will meet on October 25, 2019
- TTAC will meet on November 6, 2019

Ms. Dawn Odom, VDOT, reported that VDOT's fall meeting will be held on November 6, 2019 at the District Office, 7511 Burbage Drive, Suffolk, Virginia at 4:00 p.m.

Old/New Business

Mr. Eric Stringfield suggested a language change to the air quality conformity statement for Agenda Item #9. HRTPO staff agreed to change the language.

Adjournment

With no further business to come before the Hampton Roads Transportation Technical Advisory Committee, the meeting adjourned at 11:31 a.m.