

**Summary Minutes of the HRTPO Transportation
Technical Advisory Committee (TTAC) Meeting
January 8, 2020**

The HRTPO Transportation Technical Advisory Committee (TTAC) Meeting was called to order at 9:31 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)	Katie Shannon (Alternate, VB)
Benjamin Camras (CH)	Robert Brown (NO)	Tim Cross (YK)
Troy Eisenberger (CH)	Amy Inman (NO)	Tiffany Dubinski (DRPT)
Earl Sorey (CH)	Deborah Mangiaracina (NO)	Keisha Branch (Alternate, HRT)
Carol Rizzio (GL)	Frank Brown (PO)	Sonya Hallums-Ponton (VDOT)
Angela Rico (Alternate, HA)	Dannan O'Connell (PQ)	Dawn Odom (VDOT)
Jamie Oliver (IW)	Jason Souders (SU)	Eric Stringfield (VDOT)
Richard Rudnicki (IW)	David Jarman (Alternate, VB)	Barbara Nelson (VPA)
Paul Holt (JC)	Phil Pullen (VB)	Joshua Moore (WATA)
Bridjette Parker (NN)		

TTAC Voting Members Absent

Donald Goodwin (FR)	Carl Jackson (PO)	Ric Lowman (VB)
Anne Ducey-Ortiz (GL)	James Wright (PO)	Tara Reel (VB)
Michael Hayes (HA)	Ellen Roberts (PQ)	Daniel Clayton (WM)
Jason Mitchell (HA)	Debbie Vest (PQ)	Carolyn Murphy (WM)
Benjamin Sullivan (IW)	Michael Johnson (SH)	Aaron Small (WM)
Tammy Rosario (JC)	Beth Lewis (SH)	Earl Anderson (YK)
Angela Hopkins (Alternate, NN)	Lynette Lowe (SH)	Joe Sisler (YK)
Evandro Santos (Alternate, NO)	LJ Hansen (SU)	Tony Gibson (Alternate, VDOT)

TTAC Non-Voting Members in Attendance:

Ivan Rucker (FHWA)

TTAC Non-Voting Members Absent

Michael King (NAVY)
Melissa McGill (FTA)

HRTPO Staff in Attendance:

Theresa Brooks	Mike Kimbrel	Keith Nichols
Natalie Brown	John Mihaly	Dale Stith
Rob Case	Kendall Miller	
Kathlene Grauberger		

Others Recorded Attending:

Kevin Page (HRTAC); Darryl Lewis, Mike Greenwood (AECOM); Patrick Allen, Jim Long (RK&K); Phil Lohr (HNTB); Karen McPherson (McPherson Consulting); Mark Higgins (Port of Virginia); Samuel Hayes (Moffatt & Nichol); Grant Sparks (DRPT); Angela Biney, Karen Bourne, Caleb Brooks, Katrina Flowers, Robin Grier, Sharonda Hawkins, Tim Haynam, Salvija Hofheimer, Ray Hunt, (VDOT); Chris Vaigneur, Andrew Margason (HRPDC Staff)

Introductions

Mr. Phil Pullen introduced Mr. David Jarman, Virginia Beach alternate voting member representing Virginia Beach.

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

Mr. Eric Stringfield from the Virginia Department of Transportation (VDOT) advised members that the SMART SCALE portal opens March 5, 2020 and closes April 2, 2020. He noted that in the pre-application phase there will be a requirement to provide a cost estimate.

Ms. Sonya Hallums-Ponton from the Virginia Department of Transportation (VDOT) gave an update on the Transportation Alternatives (TA) Set-Aside Applications scoring process. She reported that the scores were submitted to the HRTPO this week and will be presented to the Commonwealth Transportation Board (CTB) members next week.

Ms. Tiffany Dubinsky from the Virginia Department of Rail and Public Transportation (DRPT) updated TTAC that the grant applications are open and the deadline for submission is February 3, 2020. She stated that as new FY 21-24 Transportation Improvement Programs (TIP)s are being developed, Metropolitan Planning Organizations (MPOs) should coordinate directly with transit agencies. She reported that there is a new intercity bus program, the *Virginia Breeze*, beginning in the spring of 2020. There will be two new routes which will include Danville to Washington, D.C. and Martinsville to Richmond.

Ms. Barbara Nelson from the Virginia Port Authority (VPA) reported that the Port has worked with the HRTPO to support the Freight Transportation Advisory Committee (FTAC) meeting which met on December 18, 2019. She stated that the Port wants to increase the awareness of benefits and opportunities in freight planning in the long-range planning process. She stated that Mark Higgins, Virginia international Terminals, will present to the TTAC on how the Port is using technology to improve productivity.

There were no comments from FHWA.

There was no one in attendance from the Military.

Approval of Agenda

Chair Robert Lewis asked for additions or deletions with regard to the TTAC Agenda. Mr. Eric Stringfield requested that a TIP Amendment for UPC 103021, Turner Drive/Benns Church Boulevard Intersection Improvements in Isle of Wight County be added to the Agenda as Item 9-A. Mr. Stringfield Moved to approve the agenda as amended; seconded by Ms. Jamie Oliver. The Motion Carried.

Summary Minutes

Chair Lewis reported that the TTAC summary minutes from the November 6, 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. Joshua Moore. The Motion Carried.

FY 2018-2021 TIP Amendment - UPC 110804 Indian River Road Widening – Phase 7B in Virginia Beach

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:

- 110804 – Indian River Road Widening – Phase 7B
 - Add project to TIP
 - Description: Widen Indian River Road from Lynnhaven Parkway to Elbow Road Extended. Phase 7B will construct the two northbound lanes. Work will include a shared-use path, sidewalks, and LED lighting.
 - Project Length: 2.2 miles
 - Cost Estimate as follows:
 - Preliminary Engineering (PE): \$860,000
 - Right of Way (RW): \$710,000
 - Construction (CN): \$9,860,000
 - Total Cost Estimate: \$11,430,000
 - Schedule as follows:
 - PE Start: 1/31/2020; End: 3/8/2022
 - RW Start: 3/8/2022; End: 2/3/2023
 - CN Start: 2/3/2023; End: 6/20/2025
 - Allocations
 - Add FY 2019 District Grants Program (DGP) allocation of \$860,000
 - Add FY 2021 DGP allocation of \$710,000

- Obligations
 - Ad FY 2020 PE Phase Advanced Construction (AC) Other obligation of \$860,000

This project is considered regionally significant and was included as such in the Hampton Roads FY 2018-2021 TIP and 2040 LRTP that received a conformity finding from the Federal Highway Administration (FHWA) dated October 29, 2018. This TIP amendment does not affect the project scope; therefore, it does not require a new conformity determination.

This request was made available for public review and comment from December 30, 2019 through January 13, 2020.

Mr. Phil Pullen Moved to recommend HRTPO Board approval of the proposed TIP Amendment; seconded by Ms. Dawn Odom. The Motion Carried.

**FY 2018-2021 TIP Revision – Request to Transfer CMAQ Funding: UPC 102867
Hampton Traffic Signal System Retiming**

Ms. Angela Rico reported that the City of Hampton requested to amend the Fiscal Year (FY) 2018-2021 Transportation Improvement Program (TIP) to revise the description, cost estimate, schedule, and allocations of one project and transfer a total of \$555,200 in Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds from one completed project to the CMAQ eligible recipient project to retime additional locations. The specifics of the request are described below:

- UPC 102867 – Hampton Traffic Signal System Retiming
 - Revise Description as follows:
 - Citywide Traffic Signal Optimization
 - Revise Cost Estimate as follows:
 - Preliminary Engineering (PE): \$1,392,000
 - Right of Way (RW): \$0
 - Construction (CN): \$0
 - Total Cost Estimate: \$1,392,000
 - Revise Schedule as follows:
 - PE: Start: 6/28/2016; End: 3/1/2021
 - RW: N/A
 - CN: N/A
 - Revise Allocations as follows:
 - Receive FY 2002 CMAQ allocation of \$555,200 from completed project Citywide Traffic Signal Upgrade (UPC 97718)
 - Add FY 2002 Local (LOC) Match allocation of \$138,800

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 the project is a traffic signalization project.

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 December 30, 2019 through January 13, 2020.

Ms. Angela Rico Moved to recommend HRTPO Board approval of the proposed project funding transfer and associated TIP Amendment; seconded by Mr. Earl Sorey. The Motion Carried.

**FY 2018-2021 TIP Amendment Request: 103021
Turner Drive/Benns Church Boulevard Intersection Improvements 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 revise the cost estimate, schedule, allocations and obligations for one project as described below:

- UPC 103021: Turner Drive/Benns Church Boulevard Intersection Improvements
 - Revise Cost Estimate as follows:
 - Preliminary Engineering (PE): \$94,355
 - Right of Way (RW): \$0
 - Construction (CN): \$1,526,308
 - Total Cost Estimate: \$1,526,308
 - Revise Schedule as follows:
 - PE: Start: 7/1/2017; End: 8/15/2018
 - RW: N/A
 - CN Start: 4/9/2019; End: 12/24/2020
 - Revise Allocations as follows:
 - Add FY 2012 Regional Surface Transportation Program (RSTP) allocation of \$93,658, plus \$23,415 State match
 - Add FY Previous Telecommunications (TELE) allocation of \$135,198
 - Add FY 2018 TELE allocation of \$3,825
 - Add FY 2018 Local (LOC) allocation of \$44,353
 - Add FY 2019 LOC allocation of \$47,528
 - Add FY 2020 LOC allocation of \$824,429
 - Revise Obligations as follows:
 - Revise FY Previous PE Phase RSTP obligation to be \$40,000
 - Revise FY 2018 PE Phase RSTP obligation to be \$35,484
 - Revise PE Phase RSTP State match obligation to be \$10,871
 - Remove FY 2018 RW Phase RSTP obligation of \$24,000 and \$6,000 State match
 - Revise FY 2018 CN Phase Surface Transportation Program/Surface Transportation Block Grant (STP/STBG) obligation to be \$10,058
 - Remove FY 2018 CN Phase STB/STBG match of \$2,012
 - Revise FY 2018 CN Phase RSTP obligation to be \$238,201
 - Revise CN Phase RSTP State match obligation to be \$59,550

- Add FY 2020 CN Phase Advanced Construction (AC) Other obligation of \$1,055,305

This project was included in the HRTPO FY 2018-2021 TIP, but did not have to be listed individually in the 2040 LRTP that received a conformity finding from the Federal Highway Administration on October 29, 2018. It is deemed not regionally significant for air quality and as such, the project does not require a new conformity determination.

This request was made available for public review and comment from January 2, 2020 through January 16, 2020.

Ms. Jamie Oliver Moved to recommend HRTPO Board approval of the proposed TIP Amendment; seconded by Ms. Carol Rizzo. The Motion Carried.

Special Studies for FY 2021 Unified Planning Work Program (UPWP)

Dr. Robert Case, HRTPO Chief Transportation Engineer, reported that each year the HRTPO staff conducts special studies to address specific transportation concerns of its member localities. Special studies for FY 2020 include:

- Hampton Boulevard Corridor Study
- Impact of Trails on Nearby Home Values
- Impact of Tolls on the Midtown Tunnel (MTT) and Downtown Tunnel (DTT)
- Economic Impact of Bike Facilities

In preparing the HRTPO FY 2021 UPWP, he noted that staff is seeking input on desired topic areas such as tolling, military, active transportation, economics, freight and public transit.

Dr. Case requested to have all suggested study topics forwarded to him by COB Friday, January 24, 2020.

MAP-21/Fast Act 2020 Safety and Transit Performance Measures and Targets

Mr. Keith Nichols, HRTPO Principal Transportation Engineer reported that the MAP-21 federal surface transportation legislation package established that States and Metropolitan Planning Organizations are required to prepare and use a set of established performance measures and set targets.

Mr. Nichols stated that a working group was formed from TTAC members to assist with the development of regional targets. The Regional Performance Measures Working Group convened on December 10, 2019, to discuss the 2020 safety performance measures and targets. The Working Group came to a consensus that HRTPO should continue to adopt Vision Zero targets for each of these measures.

The number of fatalities, serious injuries, and bike/pedestrian fatalities are reduced by a set amount each year to reach a goal of zero by 2045 which is the horizon year of the upcoming regional Long-Range Transportation Plan (LRTP).

Using the Vision Zero concept, the draft 2020 Regional Safety Performance Targets recommended by the Performance Measures Working Group are as follows:

2019 Approved HRTPO Safety Performance Targets	
Fatalities	137
Fatality Rate (per 100 Million VMT)	0.93
Serious Injuries	1,522
Serious Injury Rate (per 100 Million VMT)	10.32
Number of Bike/Pedestrian Fatalities and Serious Injuries Combined	194

Mr. Joshua Moore Moved to recommend HRTPO Board approval of the 2020 Regional Safety and Transit Performance Targets; seconded by Mr. Troy Eisenberger. The Motion Carried

Port Reservation System

Mr. Mark Higgins, Virginia International Terminals, reported that the Port of Virginia Truck Reservation System (TRS) was rolled out in 2018 at Norfolk International Terminals and Virginia International Gateway with mandatory hours on weekdays and Saturday. The goal of the TRS is to address challenges caused by post-Panamax vessels and to improve the trucker experience when calling on the port. The port has routinely been receiving ships carrying more than 14,000 twenty-foot equivalent units (TEU) since May 2017 and these ships can discharge up to several thousand containers at a time.

Mr. Higgins stated that with the introduction of the TRS at the Port of Virginia, truck turn times have been reduced from an average of two hours to an average of 30 minutes or less. He noted this has positively impacted the productivity of the terminal and the trucking partners. The increased productivity has minimized the negative impacts to air quality by reducing extended truck idling times concentrated at the gate or on terminal.

Hampton Roads Regional Express Lanes Network Update

Mr. Tim Haynam, VDOT Hampton Roads District Project Manager, provided an update on the Hampton Roads Regional Express Lanes Network, including the purpose and need and the scope.

He highlighted the work that will occur along I-64 on the Peninsula. He outlined the planned improvements adjacent to the I-64 reversible HOT lanes running between I-564 and I-264.

Mr. Haynam reported that the next steps will be to:

- Continue to refine the conceptual design to develop preliminary milestone schedules for project completion by 2025,
- Begin coordination with the Federal Highway Administration (FHWA) on the National Environmental Policy Act (NEPA) processes
- Determine the appropriate delivery methods.

Ms. Salvija Hofheimer, VDOT Hampton Roads District Project Manager, briefed the board on Segment 1 and Segment 2 express lanes. She noted that Segment 2 is designated for a toll zone and is comprised of two different projects; the I-64 Southside Widening and High-Rise Bridge project and conversion of the HOV lanes between I-246 and I-464 to HOT lanes.

She stated the purpose of the project is to provide managed lanes to mitigate congestion, improve travel time, install overhead signs, toll gantries, ITS equipment, pavement markings, barriers and guardrails to support HOV to HOT conversion within the project corridor.

FY 2021-2024 TIP Development Update

Mr. John Mihaly, HRTPO Principal Transportation Planner, briefed TTAC on the HRTPO Transportation Improvement Program (TIP). The TIP is a multi-year program for the implementation of surface transportation projects within a Metropolitan Planning Area (MPA), developed in cooperation with the State and affected public transportation operators. He stated that the TIP contains all federally-funded and/or regionally significant projects that require an action by the Federal Highway Administration or the Federal Transit Administration (FTA). Before any such project can be constructed or conducted in the MPA, it must be included in a current TIP. He provided a summary of steps for development of a TIP which are as follows:

- The Virginia Department of Transportation (VDOT), Virginia Department of Rail and Public Transportation (DRPT), HRTPO, and local public transit agencies coordinate to develop the draft TIP project list, drawing projects from the approved Long-Range Transportation Plan (LRTP)
- The draft Tip project list is reviewed by staffs of the HRTPO, VDOT, transit agencies, and localities
- The draft TIP document is produced and undergoes a 30-day public review/comment period
- The final TIP document is approved by the HRTPO Board
- The final TIP document is approved by the Governor and included without change, directly or by reference, in the Statewide Transportation Improvement Program (STIP).

He also reported that the Draft FY 2021-2024 TIP Project list was posted on the HRTPO website under Public Notices on December 30, 2019.

Mr. Mihaly requested TTAC members to review the FY 2021-2024 TIP: Draft Project List for inclusion in the FY 2021-2024 TIP draft document and submit comments to him (jmihaly@hrtpo.org) by COB Friday January 17, 2020.

Three-Month Tentative Schedule

Chair Lewis outlined the Three-Month Tentative Schedule in the Agenda Packet.

For Your Information

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

Announcements

Chair Lewis noted a Long Range Transportation Planning (LRTP) Subcommittee meeting will be held immediately following the conclusion of the TTAC meeting. He also noted there will be a Transportation Programming Subcommittee (TPS) meeting on Friday, January 24, 2020.

Ms. Barbara Nelson stated that as communities within the region are evaluating the opportunity to develop a BUILD application or SMART SCALE application, the Port is willing to work with partners across the region on ways to identify where freight may be an eligible element.

Old/New Business

There was no old/new business

Adjournment

With no further business to come before the Hampton Roads Transportation Technical Advisory Committee, the meeting adjourned at 10:58 a.m.