

June 2, 2015

MEMORANDUM #2015-69

TO: Hampton Roads Transportation Operations (HRTO) Members & Guests

BY: Robert B. Case, PE, PTOE, PhD – Principal Transportation Engineer

RE: HRTO Subcommittee Meeting – June 9, 2015

An HRTO Subcommittee meeting will be held 9:30 a.m. – 10:50 a.m. on Tuesday, June 9, 2015, **Sandy Bottom Nature Park, 1255 Big Bethel Rd, Hampton.**

The meeting will be conducted by Mr. Mike Corwin (VDOT), HRTO Co-Chair.

1. **Public Comment Period**
2. **Summary Minutes of April 14, 2015 Meeting**

Minutes of the previous HRTO meeting are attached.

Attachment 2

Recommended Action: Approval

3. **VDOT Statewide Signal Update**

9:30 a.m. – 10:30 a.m.

Mr. Michael Clements (Signal & Arterial Systems Program Manager, VDOT, Central Office) will lead a discussion on the following:

- a. Statewide signal controller platform
- b. Statewide central signal system
- c. Communications Master Plan
- d. Arterial Operations Plan

4. Operations Strategy Update

10:30 a.m. – 10:40 a.m.

Background:

- In January 2014, the HRTPO Board allocated \$400,000 RSTP funds for an Operations Strategy (UPC 105492).
- At the June 2014 HRTPO meeting, Co-chair Mike Corwin (VDOT) offered to manage this project using one of VDOT's four on-call consultants.

HRTPO Co-Chair Mike Corwin (VDOT) will provide an update and next steps.

5. HRTPO Update

10:40 a.m. – 10:50 a.m.

Dr. Robert Case (HRTPO) will update the HRTPO on operations-related HRTPO actions:

- Recent actions of HRTPO's parent committee – the Transportation Technical Advisory Committee (TTAC)
- Recent actions of VDOT's RCTO-TIM (Traffic Incident Management) committee.
- Introduction of HRTPO development of tool identifying Potential Intersection Congestion Alleviation (PICA) to be discussed in detail at August HRTPO meeting.

6. Next Meeting Schedule, Location, and Agenda Items

The next HRTPO meeting is scheduled for Tuesday, August 11, 2015 at 9:30 a.m. (location TBD). HRTPO tool identifying Potential Intersection Congestion Alleviation (PICA) to be discussed.

RBC/kg

Attachments

June 2, 2015

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HRT0 Subcommittee:

Darin Bracy, WATA

Alesia Cain, HRT

Kamlesh Chowdhary, HRT

Ken Coody, VDOT

Randy Cooper, NN

Michael A. Corwin, VDOT

Kevin Eppley, CH

Jeffrey Florin, VPA

Brian C. Fowler, NO

Steven Froncillo, CH

Franklin Hickman, VB

Jacqueline M. Kassel, NN

Stephen P. Kopczynski, YK

Robert E. Lewis, SU

Ric Lowman, VB

Tal Luton, JC

Oliver Rose, VDOT

Daniel A. Rydzewski, NO

W. Leon Sisco, WATA

Eric Stringfield, VDOT

Danny Williams, PO

Martin Willson, HA

James Wright, PO

John Yorks, HA

HRTO Invited Guests:

Joel Acree
Susan Baldwin, HRT
Jocelyn K. Bauer
R. Stephen Best, CH
Tim Breslin, CH
Chad Brooks
David Brown, VSP
Robert Buckham, VSP
Leah Bush, VDH
A. Call, HA
Jimmy Carter
Mecit Cetin, ODU
Jonathan Clark, Open Roads
Dwayne Cook, VDOT
Marc Copeland
Steven Cover, VB
Scott Cowherd, VDOT
Barbara Creel, WATA
Kevin Crum, SNJB
William P. Dent, WM Fire
Leon Dextrateur, VB
Thelma Drake, NO
Doug Draper, CH
Martha Morecock Eddy, Timmons
Michael Felix, NO
Rusty Fitzhugh, VDOT
Eric Fly, Seamcorp
Robert K. Gey, VB
George Glazner, NN
James Gray, HA
Cynthia Hall, NO
John Hendrickson, PBQ&D
Steve Hetrick, AG
Jeffrey B. Holland, CBBTC

Robert T. Holloway, Jr., PQ
John Horner, Open Roads
Chuck Houck, NO
Amanda Jacobs, JC
Daniel E. Jenkins, FHWA
Alan Jensen, P.E., NAVY
John Kaoudis, NN
Raymond Khoury, VDOT
Charles Lavene, Norfolk Airport
Stephen D. Little, Transdyn
Glenn McBride, VDH
Jake McCoury, VSP
Ryan McLane, ERC
Mike Miller, VDOT
Joe Moore, NN
Jessie Neal, VDOT
Mark Outlaw, SU
Earnest Poole, VSP
Matthew Riethmiller
Iris Rodriguez, FHWA
Safety Officer, NN
Mark Sawyers
Mark Solesky, CH
James Stanek, VDOT
Gregory S. Staylor, CH
Chris Swartz, HA
Charles E. Vidrine, NAVY
Keith Whitley, VSP
Scott S. Williams, NN
Jeff Wise, NO
Nick Wooten, HA
Kevin Wyne, PQ

Copy: Sam Belfield
Keith Nichols
Seth Schipinski
Camelia Ravanbakht

DRAFT Minutes of the April 14, 2015 HRTPO Subcommittee Meeting

Regional Building, 723 Woodlake Drive, Chesapeake, VA
Regional Board Room, 9:30am

Attendees:

Rob Case	HRTPO
Mike Corwin	VDOT
Scott Cowherd	VDOT (Central Office)
Martha Morecock Eddy	Timmons Group
Brian Fowler	Norfolk
Steve Froncillo	Chesapeake
Franklin Hickman	Virginia Beach
Daniel Johnson	Kimley-Horn
Jackie Kassel	Newport News
Steve Kopczynski	York Co. Fire & Life Safety
Keith LeLache	HRT
Robert Lewis	Suffolk
Mike Miller	VDOT
Keith Nichols	HRPTO
Eric Reddeck	Everyone Goes Home
Benjamin Simms	HRT

1. Public Comment Period

No comments.

2. Minutes from February 10, 2015 Meeting

No modifications of the minutes – Approved.

3. Operations Strategy Update

Background:

- In January 2014, the HRTPO Board allocated \$400,000 RSTP funds for an Operations Strategy (UPC 105492).
- At the June 2014 HRTPO meeting, Co-chair Mike Corwin (VDOT) offered to manage this project using one of VDOT's four on-call consultants.
- At the August 2014 HRTPO meeting, Mr. Mike Corwin asked for comments on a draft RFQ for the four VDOT consultants.
- September 11, 2014 HRTPO staff transmitted the RFQ to the four and received qualifications from two (Kimley-Horn, Atkins).
- November 6, 2014 the Project Steering Team (PST) selected Atkins.

- December 8, 2014 HRTPO Co-Chairs Mike Corwin (VDOT) and Brian Fowler (Norfolk) met with Atkins to discuss Task #1.
- January 13, 2015 HRTPO Co-Chairs received draft Task #1 scope/fee estimate.
- March 18, 2015 the PST met with Atkins to discuss draft Task #1 scope/fee.
- Atkins recently transmitted a revised draft Task #1 scope to HRTPO Co-Chairs.

Next Steps:

- PST to meet following HRTPO meeting to decide response to new scope and fee.

4. Operations-Related HRTPO Update

Dr. Robert Case (HRTPO) updated the HRTPO on recent operations-related actions at HRTPO's parent committee – the Transportation Technical Advisory Committee (TTAC).

January 7- Phase I of MTT & DTT Toll Impact Analysis

- Did 120 travel time runs including 3500 photos and 470 minutes of video
- Travel times and queue length improved at both the Midtown(MTT) & Downtown Tunnels (DTT)
- Travel times worsened in Chesapeake—I-64, Military Highway, and GW Highway

February 4- Phase II of MTT & DTT Toll Impact Analysis

- Weekday drop in volumes
- 20% at DTT
- 8% at MTT
- Weekday increase in volumes
- 7% at Hi Rise Bridge
- 53% at Gilmerton Bridge
- Total weekday volumes across the Intracoastal Waterway stayed the same
- Dates used:
- May-Nov 2013- Pre-toll
- May-Nov 2014- Post-toll

March 4- TTAC Comments sent to state on HB2 scoring

- Draft measures for Congestion Mitigation factor not applicable to non-recurring delay.

April 1- Phase III of MTT & DTT Toll Impact Analysis

- Delays decreased at MTT and DTT by 1800 vehicle hours/day
- Delays increased at Gilmerton and Hi Rise by 243 vehicle hours/ day

5. VDOT Statewide Signal Update

Mr. Michael Clements (VDOT) was unable to attend due to another commitment.

6. Priority Treatment of Buses at Traffic Signals

Mr. Jim Price unable to attend. Benjamin Simms and Keith LeLache conducted presentation.

- Proposal: Traffic signal priority technology to enhance public transportation along high density corridors.
 - Would be installed on buses
 - Reduce trip time for riders
 - Will not be installed on major intersections
- Expected Improvements
 - Reduced dwell times
 - Increased ridership
 - Reduced traffic density
 - Shortened auto commute times
- Some of the Intersections that would benefit from service enhancement with bus priority:
 - Newport News
 - Warwick and J Clyde
 - Jefferson and Mercury
 - Jefferson and Oyster Point
 - Jefferson and Roger Brown Drive
 - Norfolk/ Chesapeake/ Virginia Beach
 - Cedar Road and Battlefield Boulevard
 - High Street and Effingham Street
 - Little Creek Road and Chesapeake Boulevard
 - Little Creek Road and Military Highway
- Dedicated Lanes and Phase III Advantages
 - Improve bus corridors
 - Provide customers with choices—to use HRT buses for commute
 - Reduce the number of vehicles on the road
- Comments and Questions from Around the Room:
 - Brian Fowler asked about how it would affect Light Rail in Norfolk.
 - Tim Whitten was recommended as a contact for HRT to use regarding this project.
 - It was noted that HRT is at the discussion phase. Much to discuss concerning the different types of technology available and what would be the best fit regarding need and cost.

7. Priority Treatment of Emergency Vehicles at Traffic Signals Vehicles- Update

Mr. Robert Lewis (Suffolk) presented to HRTO an idea concerning improvement of the existing pre-emption system for emergency vehicles.

- Lewis began by discussing the different types of systems
 - GTT (formerly 3M)
 - Opticom
 - Emtrac
 - GPS
 - Optical
- He said that Emtrack now owns patents that GTT once owned. He feels it would be prudent to wait 4-6 months to choose a system, pending the court battle between GTT and Opticom, as it may affect not only those two, but the others as well.
- Study is currently being done by VDOT (Kimley-Horn)—GPS vs. Opticom.
- Suffolk and Newport News currently using Opticom.

8. Next Meeting Schedule, Location, and Agenda Items

The next HRTO meeting is scheduled for June 9, 2015 (location TBD).

Robert Lewis (Suffolk) wants to have the VDOT Statewide Signal Update added to agenda.

VDOT to do presentation regarding system choice.