

January 13, 2011

Memorandum #2011-8

TO: LRTP Subcommittee

BY: Andy Pickard, Principal Transportation Engineer

RE: LRTP Subcommittee, January 19, 2011

Attached is the agenda for the Long-Range Transportation Plan (LRTP) Subcommittee meeting scheduled for Wednesday, January 19, 2011 at 10:00am in the Regional Building, Boardroom A, Chesapeake, VA.

AP/kg

Kevin Abt, VPA
W. Keith Cannady, HA
Amanda Christon, NO
Timothy C. Cross, YK
Richard Drumwright, WATA
Anne Ducey-Ortiz, GL
Sherry Earley, SU
Darrel Feasel, DRPT
Tony Gibson, VDOT
Richard A. Hartman, P.E., PO
Steven W. Hicks, JC
Jane Hill, IW
Michael S. King, NN
Reed T. Nester, WM

Jeffrey K. Raliski, NO
Ellen Roberts, PQ
Ivan P. Rucker, FHWA
Mark Schnauffer, VB
Mark Shea, CH
C. Earl Sorey, Jr., CH
Eric Stringfield, VDOT
Wendy Vachet, NAVY
Luke Vinciguerra, JC
Chris Voigt, VDOT
Karen Waterman, HRT
Jayne B. Whitney, HRT
Edwin P. Wrightson, IW
Mark Yehlen, PO

Cc: Benito Pérez
Andrew Pickard
Camelia Ravanbakht
Dale Stith

AGENDA
HRTPO LRTP SUBCOMMITTEE MEETING
JANUARY 19, 2011

CALL TO ORDER

The Regional Building, 723 Woodlake Drive, Chesapeake, Virginia

CALL TO ORDER

PUBLIC COMMENT PERIOD (Limit: 3 minutes per individual)

APPROVAL OF MINUTES

AGENDA

1. Regional Land Use Map Development
2. Prioritization of Transportation Projects and 2034 LRTP Development
3. Next Meeting

ADJOURNMENT

ITEM #1: REGIONAL LAND USE MAP DEVELOPMENT

The HRTPO Staff has begun use of the Regional Land Use Research Scan report to prepare the Hampton Roads regional land use map, a task included in the FY11 UPWP. HRTPO Staff has collected locality land use and zoning data, reviewed local comprehensive plans, and has drafted uniform regional land use designations. HRTPO Staff has also started in the development of the regional land use map and local land use conversion table for inclusion with the regional land use map.

Mr. Benito Pérez, Transportation Engineer, will brief the LRTP Subcommittee on the draft regional land use designations and next steps in the development of the regional land use map. Comments are requested from the subcommittee by **January 28, 2011** to Mr. Benito Pérez at bperez@hrpdcva.gov. The draft version of the regional land use designations will be made available for TTAC and public review and comment from February 2, 2011 through February 16, 2011.

ITEM #2: PRIORITIZATION OF TRANSPORTATION PROJECTS AND 2034 LRTP DEVELOPMENT

The HRTPO Board approved the *Prioritization of Transportation Projects: Project Evaluation and Scoring* report at its December 15, 2010 meeting. The report evaluated and scored proposed regional transportation projects under consideration for the 2034 LRTP. Proceeding in the development of the 2034 LRTP, the HRTPO Board would like to have regional transportation priorities developed by its March 2011 meeting. In order to achieve this deadline, several issues remain that need input, discussion, and consensus from locality technical staff. Among those issues are the following:

- Verification of committed major regional projects.
- Parameters for estimating funding of LRTP projects.
- Documentation of anticipated local funds for the 2034 LRTP.
- Next steps for project prioritization and 2034 LRTP development.

Mr. Andy Pickard, Principal Transportation Engineer, will review the latest assumptions, outstanding data needs, and suggested actions with the Subcommittee.

ITEM #3: NEXT MEETING

The next regularly-scheduled meeting of the LRTP Subcommittee is February 2, 2011, immediately following the Transportation Technical Advisory Committee (TTAC). However, given the schedule of meetings that day (TTAC meeting in the morning and an LRTP public meeting that evening), and the need to prepare the Boardroom for the public meeting, it is suggested that the LRTP Subcommittee meet at another time in February. The meeting schedule will be reviewed with the Subcommittee.



Summary Minutes
HRTPO Long-Range Transportation Plan Subcommittee
Meeting of October 13, 2010

Mr. Richard Drumwright called the 2034 Long-Range Transportation Plan (LRTP) Subcommittee to order at 10:03 a.m. in the Regional Building Board, Conference Room B, with the following in attendance:

Members Present:

Richard Drumwright, Chair (WATA)	Jeff Raliski (NO)
Kevin Abt (VPA)	Mark Schnauffer (VB)
Keith Cannady (HM)	Mark Shea (CH)
Joseph Carter (PQ)	Eric Stringfield (VDOT)
Timothy C. Cross (YK)	Wendy Vachet (USN)
Sherry Earley (SU)	Karen Waterman (HRT)
Jane Hill (IW)	Susan Wilson (PO)
Michael King (NN)	John Yorks (HM)
Reed T. Nester (WM)	

Members Absent:

Anne Ducey-Ortiz (GL)	Ivan Rucker (FHWA)
Steven Hicks (JC)	Joseph Swartz (DRPT)

Others Attending:

Terri Boothe (VB-Citizen)	Ben Reim (KHA)
---------------------------	----------------

HRTPO Staff:

Andy Pickard	Benito Pérez
Camelia Ravanbakht	Dale Stith

Public Comment Period

Mr. Richard Drumwright asked if there were any public comments. No public comments were received.

Approval of Minutes

Mr. Richard Drumwright asked for the approval of the meeting agenda. Mr. Tim Cross **Motioned** approval. Mr. Keith Cannady **Seconded** the motion. Motion carried.

1. PRIORITIZATION OF PROJECTS: FURTHER REFINEMENTS

In its on-going refinement of the transportation project prioritization process, HRTPO Staff has received a number of questions, in addition to developing its own set of proposed modifications to

the prioritization tool. Mr. Andy Pickard, Principal Transportation Engineer, will review the latest modifications, outstanding data needs, and suggested actions with the Subcommittee.

Mr. Andy Pickard started off his PowerPoint presentation, providing an overview of the scoring strategy for the prioritization tool. Currently, the method that the HRTPO Staff is employing is adding all three component scores into a composite project score. Dr. Camelia Ravanbakht noted past precedent developing a composite score, as demonstrated in the initial CMAQ/RSTP ranking process. Research into a sensitivity analysis of components will be looked into.

Concern was expressed about weighting the component scores in the composite score without including public discourse on the topic. Dr. Camelia Ravanbakht noted that advisory committees will be briefed in November. It was noted that the scores can be sorted by any component of the tools, let alone the criteria. The interpretation of the sorting is dependent on the world view of the Board member, thus leaving the components to equal weight would be best course of action.

A question was raised as to what will the HRTPO Staff provide to TTAC and the HRTPO Board. Dr. Camelia Ravanbakht noted internal HRTPO Executive Staff deliberations on the best course of action in delivering the results to TTAC and eventually to the HRTPO Board. Mr. Keith Cannady recommended that the HRTPO Staff provide recommended priorities to the LRTP subcommittee, which then will send it on to TTAC, who then will refine and provide recommendations to the HRTPO Board.

Refinement questions were discussed further in the presentation being delivered by Mr. Andy Pickard. Among the issues raised included whether to have maintenance projects compete with widening/new capacity projects, with the recommendation that any edits on how projects are evaluated be considered for future iterations of the prioritization methodology. On the issue of new roads and pavement condition, the HRTPO Staff found using parallel facilities problematic, offering the evaluation options of retaining the question and not giving new roads points, or removing the criterion to allow new projects to achieve 100 points. Per LRTP subcommittee consensus, the criterion on pavement condition was dropped, citing the distinction between maintenance and utility needs to be made.

The HRTPO Staff made a separation of interchange projects from other highway projects, due to the nature of the projects and the difficulty accessing data to evaluate interchange projects with highway projects. Ms. Dale Stith provided an overview of the changes in interchange evaluation methodology. The LRTP subcommittee recommended that approaches should be evaluated the same for congestion and improvement with no distinction between interstate and arterial approaches.

Mr. Andy Pickard continued the presentation, addressing tolling and its impacts on Project Utility. The HRTPO Staff noted how tolling would impact future project volumes, which in turn affects congestion evaluation. Concern was raised by subcommittee members on how accounting for tolling in utility opens the prioritization process into a tolling policy discussion that will go beyond the adjustment of future project volumes. The LRTP subcommittee recommended that such discussion of tolling should be left to be accounted for in project viability, and any further discussion should be a policy discussion by the HRTPO Board.

Project cost estimates were discussed next, with Mr. Andy Pickard raising the issue of project cost estimates not being in Year of Expenditure (YOE) dollars. Calculations are being made by HRTPO Staff on projects that are note in YOE dollars, using a 3.5% inflation figure. VDOT and the LRTP subcommittee recommended that the VDOT figure of 3% be used, since VDOT YOE cost estimates provided, are using a 3% inflation rate.

Discussion of the Third Crossing was engaged, providing an overview and developing an understanding of the components, cost, and scope of the Third Crossing. The HRTPO Staff recommended removing the Intermodal Connector and Air Terminal Interchange (ATI) from the prioritization process, since it was programmed in the Six Year Improvement Program. Ms. Wendy Vachet noted that the Intermodal Connector is funded, but the interchange is not funded, thus should remain to be evaluated. Discussions evolved to consider how multimodal lanes factor into preliminary cost estimates for the relevant components. VDOT Staff will reevaluate Third Crossing cost estimates to ensure clarity on how the multimodal lanes factor in. The LRTP subcommittee also asked that notation on the East-West Connector reflect that the proposed facility has a tunnel component, due to public and technical staff confusion on the tunnel components of the Third Crossing. Mr. Andy Pickard also provided an overview of Norfolk's suggestion to pursue the East-West Bridge-Tunnel Connector with Intermodal Connector & ATI as a prioritization project, as well as the Virginia Port Authority's suggestion to pursue a portion of the East-West Bridge-Tunnel Connector with Intermodal Connector & ATI, and the Craney Island Connector.

Mr. Kevin Abt also noted that prioritization needs to consider system and construction realities, noting that for any work to be done on the Hampton Roads Bridge-Tunnel, an alternate detour such as the proposed Third Crossing needs to be built. Dr. Camelia Ravanbakht noted that the development of the priority list is, and should be the responsibility of the HRTPO Board, with recommendations for prioritization serving as guidance.

Mr. Andy Pickard provided an overview of the costs of major projects. Mr. Jeff Raliski asked that the I-64 Southside widening project be listed as a major regional project as well.

The HRTPO Staff provided an overview of additional refinements within Economic Vitality as it pertained to highway and bridge projects and for transit projects. The HRTPO Staff also provided an overview of changes to how tunnels are evaluated. The HRTPO Staff also made the recommendation that weighting be changed to give emphasis on the tunnel age. Mr. Mark Schnauffer motioned to not proceed with changing the weighting of the tunnel infrastructure condition criteria, with Mr. Michael King seconding the motion, and the motion carried.

Mr. Benito Pérez provided an overview of the projects that were removed from the prioritization list, and noted that localities should review the projects to denote whether the project should be carried into a regional vision plan, or for projects programmed/under construction, to be notated in the plan.

Mr. Andy Pickard provided a schedule overview of advisory committee meetings as it pertained to prioritization. The LRTP subcommittee recommended that the subcommittee reconvene after the advisory committees, but before the December TTAC meeting, to go over advisory committee comments and concerns to revise the scoring one final time. The LRTP subcommittee strongly expressed concern for the consideration of a closed HRTPO session, due to desire for transparency of the prioritization process. Mr. Michael King motioned to retain transparency in the prioritization process, seconded by Mr. Mark Schnauffer, and the motion carried.

The HRTPO Staff noted that draft results will be out to the LRTP subcommittee by the end of the month. Furthermore, the Regional Mayors and Chairs meeting on October 22, 2010 will cover prioritization.

2. KIOSK QUESTIONS

HRTPO Staff has a mobile kiosk which can house a computer interface for presenting questions to the public and enhancing outreach and marketing efforts for HRTPO. A short set of transportation "trivia" questions have been prepared for use in the kiosk. These questions are not meant to determine the public's knowledge or be a statistically sound survey, but rather as a means of having participants walk away from the survey with additional knowledge of transportation. Ms. Dale Stith, Transportation Planner, will present the questions and answers being proposed for use. Please provide your comments on these questions to her by October 20.

Ms. Dale Stith provided an overview of the draft kiosk questions. The kiosk questions, to go out on kiosks in the region, as well as the web, are intended to raise HRTPO awareness. Questions are drafted to provide information about the HRTPO and its functions. The survey should provide a baseline on what the public may or may not know about the HRTPO. A follow-up kiosk effort in 2011 would help assess the effectiveness of public outreach of the

HRTPO. Questions or comments pertaining to the kiosk questions are to be directed to Ms. Dale Stith by October 20, 2010.

3. GREENHOUSE GAS EMISSIONS

One of the stated goals of the 2034 Long-Range Transportation Plan is “Protect and enhance the environment, promote energy conservation, improve quality of life, and reduce greenhouse gas emissions.” The primary mobile source greenhouse gas (GHG) pollutant is CO₂. In an effort to estimate the CO₂ emissions for the region, HRTPO Staff has consulted with VDOT air quality Staff. They suggested that factors from the EPA’s Mobile 6.2 software be used until the EPA’s MOVES software is fully incorporated into use by VDOT.

The CO₂ factors for Hampton Roads in 2034, as provided by VDOT using Mobile 6.2, are 467.0 grams per mile for arterials / collectors and 473.8 grams per mile for freeways. Combining the emission factors with vehicle miles of travel (VMT) estimates from the regional travel demand model, HRTPO Staff will be able to make an estimate of regional CO₂ emissions with and without the resulting projects in the 2034 LRTP. HRTPO Staff will be available to answer questions on this effort to quantify greenhouse gas emissions.

Ms. Dale Stith provided a quick overview of Greenhouse Gas Emissions, deferring to the agenda note for additional information. Any questions or comments are to be directed to the HRTPO Staff by October 20, 2010.

4. Next Meeting

The next regularly-scheduled meeting of the LRTP Subcommittee is scheduled for December 1, 2010, immediately following the Transportation Technical Advisory Committee (TTAC) meeting at the Regional Building, Boardroom D (723 Woodlake Drive, Chesapeake, VA 23320).

It is expected that Draft results from the prioritization tool will be sent to the LRTP Subcommittee at the end of October. Based on feedback received, an additional meeting of the Subcommittee can be scheduled if needed.

Mr. Joseph Carter noted also that there is a Seafood Festival going on in Poquoson from October 15-October 17, 2010.

Meeting Adjourned at 12:30 PM