

2035 LRTP Update:
**Detailed Schedules for the Project Ranking, Fiscal Constraint, Air
Quality Conformity and Travel Demand Modeling Components**

Revised November 1, 2011

The following report provides more detailed schedules for the project ranking, fiscal constraint, air quality conformity and travel demand modeling tasks included in the 2035 LRTP update. The schedules below depend upon several key events that are beyond the control of RAMPO staff:

- Receipt of VDOT Revenue Projections (initially scheduled for late August 2011, then September 30, currently no firm commitment on date from VDOT staff)
- Completion & delivery of new Richmond/Tri-Cities (RTC) travel demand model (currently scheduled for December 1, 2011)
- VDOT final approval of 2035 Socioeconomic Data (anticipate approval in November 2011)

A delay in any of these external factors could potentially result in delays in the 2035 LRTP update process.

Project Ranking

Project ranking has been initiated with submission of a draft 2035 project list to local jurisdictions and agencies on August 15, 2011. A deadline of September 15 was initially given to jurisdictions for the return of a revised list- staff currently expects revised project lists back from jurisdictions no later than October 28. Ranking can begin once the candidate project list is finalized and localities submit project request forms for candidate projects on November 2. At the 10/12 LRTPAC meeting, the Committee requested 5-8 RRPDC staff to serve as the Project Ranking Committee. A preliminary ranked list is to be available mid-November, with a final ranked list ready for application of fiscal constraint in late November.

Fiscal Constraint

At the 10/12 LRTPAC meeting, it was decided that cost estimates would be developed using one of two VDOT-supplied cost estimation worksheets or by jurisdictions with a defensible estimation method, subject to VDOT review. Cost estimates for LRTP candidate projects will be needed from localities by mid-November.

Revenue projections are expected from VDOT in mid-November. The finalized ranked list should be available to begin fiscal constraint in late November with finalization of the list in mid-December and approval of the draft constrained list targeted for early January 2012.

Air Quality Conformity

Air Quality Conformity (see attached schedule provided by VDOT Environmental Division) will be initiated in February with approval of the constrained 2035 LRTP project list by the LRTP Advisory Committee on February 16 and Tri-Cities MPO TAC on February 3. The Richmond Area MPO is scheduled to approve the list at the March 8 MPO meeting and the Inter-Agency Consultation Group (ICG) will be convened on March 15. RRPDC staff is scheduled to deliver the Vehicle Miles Travelled (VMT)-based output files to VDOT on April 13. The MPO is scheduled to approve the final Conformity Report for FHWA review on July 12, and determination of conformity is expected from FHWA on or about August 30, 2012.

Travel Demand Modeling

Modeling for the 2035 LRTP will be primarily for Air Quality (AQ) conformity, but may include a year 2035 run for CMP traffic congestion analysis, if available. VDOT is to complete development of the new RTC model by December 1, 2011. Staff anticipates that the new model will be ready for application to LRTP modeling tasks by early January 2012. Staff anticipates that the new RTC model will be ready for an initial run of the model for AQ conformity by early February and that final VMT files for VDOT Environmental will be complete well ahead of the April 13 delivery date specified by VDOT.

Development of socioeconomic (SE) data for the 2017, 2018 and 2028 interim model years will occur in November when approval of the 2035 SE data is received from VDOT modeling staff.

Work should be underway on development of 2017, 2018, 2028 and 2035 model networks beginning in early November with submission of the initial LRTP project list to VDOT modeling staff for review and selection of projects for AQ conformity modeling. Coding of SYIP/TIP projects into the model networks will commence once regionally significant projects capable of being modeled have been identified from the initial project list. Proposed projects will be added to the highway networks as soon as a preliminary constrained project list is available in early/mid December. VDOT modeling staff has expressed their commitment to assist MPO staff in network coding to meet AQ conformity schedule deadlines. Model networks should be ready for input into GIS to support the Environmental Justice analysis in late January/early February, with the completion of analysis targeted for March 1.

The following is a list of important dates for the four tasks described above:

2011

September

- 15- Initial deadline for return of draft project list from jurisdictions
- 19- Kickoff LRTP Advisory Committee Meeting

October

- 12- **LRTP Advisory Committee Meeting**
 - Final deadline for initial project list submission by localities
 - Selection of Ranking Committee (RRPDC staff)
 - Determine cost estimate methods/responsibilities
- 20- **LRTP Advisory Committee Meeting** (prior to TAC meeting)
 - Committee approval of project inclusion criteria subject to no further comment
- 28- Project submission deadline for initial project list

November

- 2- **LRTP Advisory Committee Meeting**
 - LRTP AC approval of initial project list
 - Submission of initial project list to VDOT modeling staff
 - Submission deadline of project request forms by localities
- 7
 - Initial project list posted for public review
 - Begin development of 2017,2018 and 2028 interim year data
- 14
 - Project cost estimates from localities
 - Receipt of VDOT revenue projections
- 16- Begin coding of SYIP/TIP projects into model networks
- 18- Completion of preliminary ranked candidate project list
- 21- Ranked candidate project list submitted to LRTP AC for review

December

- 1
 - Delivery of new RTC Travel Demand Model
 - End of public review period for initial project list
- 7- **LRTP Advisory Committee Meeting**
 - Committee approval of ranked candidate project list
 - Submission of public comments and staff responses for Committee review and discussion
- 12- Begin coding of candidate projects into model networks
- 19- Draft constrained project list submitted to LRTP AC for review

2012

January

- 11- **LRTP Advisory Committee Meeting**
 - Committee approval of draft constrained project list
 - Committee review of Environmental Justice Analysis criteria

February

- 3- Approval of constrained list by Tri-Cities TAC
- 6- Begin Environmental Justice Analysis
- 16- **LRTP Advisory Committee Meeting** (prior to TAC meeting)
 - Final approval of constrained list by LRTP AC

March

- 8- **Richmond Area MPO Meeting**
 - MPO approval of constrained project list and initiation of public review period
- 15- ICG Convened

April

- 4- **LRTP Advisory Committee Meeting**
 - Submission of draft LRTP and CMP document to Committee for review
- 13- RAMPO staff deliver VMT files to VDOT Environmental

May

- 2- **LRTP Advisory Committee Meeting**
 - Committee approval of draft LRTP and CMP document
- 10- **Richmond Area MPO Meeting**
 - Submission of draft LRTP and CMP document to MPO for review
- 13- RAMPO staff deliver VMT files to VDOT Environmental

July

- 12- **Richmond Area MPO Meeting**
 - Board approval of final conformity report for FHWA review
 - Board adoption of 2035 LRTP and CMP update documents

August

- 30- Determination of Conformity received from FHWA

RS/

Attachment

DRAFT 2035 LRTP Conformity Analysis Schedule

Date	Task
Feb 3 2012	Tri-Cities TAC approves 2035 LRTP conformity project list
Feb 16, 2012	Richmond TAC approves 2035 LRTP conformity project list
March 8, 2012	Tri-Cities and Richmond MPO approves 2035 LRTP project list for conformity
March 15, 2012	Interagency Consultation Group (ICG) Conformity Kickoff Meeting on 2035 LRTP
April 13, 2012	RRPDC and CRPDC deliver TDM files to VDOT Environmental
May 11, 2012	VDOT completes emissions modeling and draft Conformity Report
May 14-16, 2012	Internal review of draft Conformity Report among VDEQ, VDOT, and PDCs
May 17, 2012	Richmond TAC review of draft Conformity Report
June 1, 2012	Tri-Cities TAC review of draft Conformity Report
June 14, 2012	Richmond and Tri-Cities MPO authorizes Conformity Determination for public review.
June 18 - July 1, 2012	Tri-Cities and Richmond MPO 14 day public review period
July 5-11, 2012	VDOT/PDC staff review and address any adverse public comments (if necessary)
July 12, 2012	Richmond and Tri-Cities MPO approve Conformity Report for FHWA review
July 16, 2012	VDOT submits e-copy of Conformity Report to FHWA (to be followed by hard copies); 45-day Federal review period begins
August 30, 2012	Federal Conformity Determination received