

February 4, 2010 Meeting Minutes

Regional Transportation Technical Advisory Committee (RTTAC)

Modeling Subcommittee

Date: February 4, 2010

Project #: 8055.002

To: Wilson Fernandez, RTTAC Modeling Subcommittee Chair

From: Rob Schiffer, Cambridge Systematics, Inc.
Jessica Josselyn, Kittelson & Associates, Inc.

The following is a summary of the RTTAC Modeling Subcommittee meeting held on December 3, 2009. Meeting presentations should be provided separately via email and ftp.

MEETING TIME AND LOCATION

9:00 am

Florida Department of Transportation, District IV
First Floor Administrative Conference Room
Fort Lauderdale, Florida

MEETING ATTENDEES (*alphabetical order by agency/firm*)

1. Ashutosh Kumar (by phone), AECOM, Ashutosh.kumar@aecom.com
2. David Schmitt (by phone), AECOM, david.schmitt@aecom.com
3. Sung Ryong Han (by phone), BCC Engineering (FDOT D6), shan@bcceng.com
4. Ed Sirianni, Broward MPO, esirianni@broward.org
5. Lina Kulikowski, Broward MPO, lkulikowski@broward.org
6. Ossama Al Aschkar, Broward MPO, oalashkar@broward.org
7. Rob Schiffer (by phone), Cambridge Systematics, Inc., rschiffer@camsys.com
8. Shi-Chang Li, FDOT D4, shi-chiang.li@dot.state.fl.us
9. Derek Miura, FDOT D4, derek.miura@dot.state.fl.us
10. Carlton Card, FDOT D6, carlton.card@dot.state.fl.us
11. Arturo Perez (by phone), Leftwich Consulting Engineers, ajp@lce-fl.com
12. Wilson Fernandez, Miami-Dade MPO, Wilson@miamidadegov
13. Larry Foutz, Miami-Dade MPO, lfoutz@miamidadegov
14. Carlos Roa, Miami-Dade MPO, rcf@miamidadegov
15. Nellie Fernandez, Palm Beach MPO, nfernand@pbcgov.org
16. Vinod Sandanasomy, Palm Beach MPO, vsandanasomy@pbcgov.org
17. Steve Anderson, South Florida RTA, andersons@sfrta.fl.gov
18. Ken Kaltenbach (by phone), Palm Beach MPO, kkaltenbach@corradino.com
19. Srin Varanasi, The Corradino Group, svaranasi@corradino.com
20. Andrew Velasquez (by phone), URS/FDOT Tpke, andrew.velasquez@dot.state.fl.us

MEETING NOTES

Below is a summary of the key points discussed at the meeting. The comments have been organized by agenda topic.

I. Call to Order and Introductions

Wilson Fernandez called the meeting to order and everyone introduced themselves. Due to technical difficulties, meeting was getting off to a late start.

II. 2035 LRTP SERPM Datasets Status Report

Srin noted that all requested and identified network edits have been completed within SERPM. The majority of edits made were in Broward County. A dummy zone tree was also added to the SERPM network. Discussion transitioned into item III.

III. SERPM Dataset Dissemination

Li discussed situations where the SERPM time-of-day model should be used vs. those applications that are acceptable for running the 24-hour version of SERPM. Concerns were expressed with respect to model execution times and the need to provide guidance on which SERPM version/steps to run based on the application. How will managed lanes be addressed within 24-hour model? This remains to be determined. Discussion moved on to the expectation of subarea models for each MPO/County where other counties would be collapsed in terms of zone structure and network detail. Thus far the only version of SERPM that is ready for 2035 modeling is the full-blown time-of-day model. It was then explained that a polygon can be defined in Cube to identify areas to be collapsed during model execution. Subarea extracted models are not yet available although the process for model extraction has been tested. Wilson requested that the group agree on a motion to release of SERPM 6.5 time-of-day datasets for 2005 base year, and 2035 E+C, Needs Plan, and Cost Feasible Plan after today's meeting. This motion was approved unanimously.

IV. Model Task Force Update

All should expect the next MTF meeting in May. More information will be forthcoming.

V. SERPM Dataset Revision/Updating Procedures

Li will draft a model update procedure for discussion at the next subcommittee meeting. This process should include a notification process whereby those who download the model will be informed when corrections and changes are made and updated files become available. The older individual 2030 MPO LRTP models will also be removed from the download website once the 2035 SERPM 6.5 time-of-day model has been uploaded, along with a Users Manual. Wilson spoke to the need for a model peer review process via the users, for the purposes of FTA review, etc.

VI. Future Modeling Support Funding Needs

This item was largely shifted to a post-meeting discussion; however, Wilson explained that this was important for the purposes of UPWP development by each MPO.

VII. Model Development Needs for Next LRTP Update

The importance of smaller TAZs for proper modeling of transit next time was discussed; however, it was recognized that the individual counties/MPOs will still lead these decisions under guidance from FDOT D4 and other subcommittee members via early coordination.

VIII. RTTAC Modeling Subcommittee Administrative Support

Wilson spoke to the potential need to continue some level of RTTAC consultant support for administrative, coordination, and peer review purposes to bridge the gap until the next regional LRTP. Members of the subcommittee were somewhat supportive of the concept pending the scope, funding needs, and availability, although there was also some discussion of taking turns with different MPOs responsible on a rotating basis. This discussion will continue after the meeting.

IX. Other Business

What is the timeline for subarea model availability? TBD