



**REGIONAL TRANSPORTATION TECHNICAL ADVISORY
MODELING SUBCOMMITTEE**

Thursday, February 4, 2009 – 9:00 AM to 11:30 PM
FDOT District 4, District Office Conference Room 2 (D4-D02)

Agenda

- I. 9:00 - 9:10 Call to Order and Introductions/Overview**
Wilson Fernandez
- II. 9:10 - 9:45 2035 LRTP SERPM Datasets Status Report**
Srin Varanasi, Corradino Group
- III. 9:45 – 10:00 SERPM Dataset Dissemination**
Wilson Fernandez, Miami-Dade MPO
- IV. 10:00 – 10:15 Model Task Force Update**
Shi-Chiang Li, FDOT-District 4
- V. 10:15 - 10:30 SERPM Dataset Revision/Updating Procedures**
Wilson Fernandez with suggestions from all
- VI. 10:30 - 10:45 Future Modeling Support Funding Needs**
Shi-Chiang Li, FDOT-District 4
- VII. 10:45 - 11:00 Model Development Needs for Next LRTP Update**
Shi-Chiang Li, FDOT-District 4
- VIII. 11:00 – 11:15 RTTAC Modeling Subcommittee Administrative Support**
Wilson Fernandez, Miami-Dade MPO
- IX. 11:15 – 11:30 Other Business**
TBD
- X. 11:30 Adjournment**

December 3, 2009 Meeting Minutes

Regional Transportation Technical Advisory Committee (RTTAC)

Modeling Subcommittee

Date: December 3, 2009 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
Broward Conference Room, Second Floor
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. Ed Sirianni, Broward MPO, esirianni@broward.org
4. Lina Kulikowski, Broward MPO, lkulikowski@broward.org
5. Ossama Al Aschkar, Broward MPO, oalaschkar@broward.org
6. Rob Schiffer, Cambridge Systematics, Inc., rschiffer@camsys.com
7. Derek Miura, FDOT D4, @dot.state.fl.us
8. Shi-Chang Li, FDOT D4, shi-chiang.li@dot.state.fl.us
9. Yongqiang Wu, ywu@gfnet.com
10. Jessica Josselyn, Kittelson & Associates, Inc., jjosselyn@kittelson.com
11. Arturo Perez (by phone), Leftwich Consulting Engineers, ajp@lce-fl.com
12. Larry Foutz, Miami-Dade MPO, lfoutz@miamidade.gov
13. Wilson Fernandez, Miami-Dade MPO, Wilson@miamidade.gov
14. Nellie Fernandez, Palm Beach MPO, nfernand@pbcgov.org
15. Vinod Sandanasomy, Palm Beach MPO, vsandanasomy@pbcgov.org
16. Ken Kaltenbach, Palm Beach MPO, kkaltenbach@corradino.com
17. Srin Varanasi, The Corradino Group, svaranasi@corradino.com
18. Andrew Velasquez, URS/FDOT Turnpike, 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. A preliminary discussion by the group took place on how to code fly-overs. Drawings were made on how to (and not to) properly code these urban arterial interchanges in SERPM. Andrew's coding approach was preferred using a single-point urban interchange (SPUI) approach.

II. Changes to Cost Feasible Plans During Adoption

Turnpike project changes – several projects became “illustrative” (i.e., unfunded):

1. 8 laning Turnpike between Atlantic and Sawgrass should be removed
2. New interchange at Oakland and Turnpike should be removed
3. 2 – Pembroke Road 184th – 200th st; 200th to US 27 should be removed

Open road tolling on Sawgrass and Turnpike from Griffin to Palm Beach line are in the CFP should be added to the SERPM network.

As for the MPOs, most premium transit projects are illustrative, similar to last time, and thus should not be in the SERPM CFP network (premium transit on Griffin is not CF). Some coding corrections were discussed such as how Pines Blvd should be coded. 184th Avenue between Sheridan and Pembroke Road – this is already built and should be put into the E+C network. County Line Road in Parkland and Knob Hill Rd – new construction of 4-lane roads should also be in the E+C network. Palm Beach has 17 changes but no network changes (project list has remained the same).

Coding standards were also discussed building on earlier discussion on how to code interchanges. Will keeping the exclusive/managed lanes in the network slow the model down? Should these be cleaned out? Should we set-up an internal access point (geodatabase)? Three options for completing the coding were then discussed:

- (1) Ship to each MPO
- (2) Corradino finishes coding
- (3) Share/record log files

Srin noted the cost implications with the back and forth communication. This last 10% is very important, consistency is very important. Methodology side – not confident things will be done properly. Project understanding side – no concern, MPOs know their projects the best.

III. Schedule for Updated Cost Feasible Plan Coding

Wilson envisioned everything being done by January 31st. A Netmeeting between MPOs and Corradino might be needed for clarification and additional discussion. Some changes will affect all four networks (Existing, E+C, Needs, Cost Feasible). Some of these are clean up edits while others are corrections to the October 5th version of the model. Srin will share the Miami-Dade examples of edits.

Broward County MPO indicated that the latest transit file will be sent; a highway list will be given; intersection/interchange changes will be noted; and drawings/PDFs will be provided for complex design projects. Palm Beach MPO indicated that the highway and transit will be sent at once.

Deadlines were established for each MPO, as follows:

10th Palm Beach
17th Miami-Dade
24th Broward

It is anticipated that committee members will go through coding in a go-to meeting together with each MPO. It was emphasized several time that all network changes need to be made (2005 Baseline, E+C, Cost Feasible Plan, put Needs Plan changes in the spreadsheet at least)! Further discussion on changing the baseline/validation concluded that small changes won't affect the validation model so at this point we shouldn't change it. The goal is to have all networks (E+C, Needs and Cost Feasible) available by January 31st.

IV. Regional LRTP Status Report - Project Evaluation Modeling

Jessica discussed regional LRTP status and adoption.

V. Break

VI. Transition to SERPM Guidance

Much discussion on what model to use and when. Commitment to subarea models?

VII. Future SERPM Support Activities

Tabled for the time being. Issues were laid out on the previous agenda item.

VIII. 2035 Regional Travel Profile: from E+C to CFP

There were a few surprising statistics that perhaps should be rechecked (e.g., why does Miami Dade transit ridership decrease between E+C and the CFP? Palm Beach v/c ratio looks suspicious between Needs and Cost Feasible Plan networks). CS will send this presentation and related spreadsheet to the subcommittee email list.

IX. Adjournment

There are plans for meeting again. Larry Foutz agreed to be responsible for taking meeting notes. It is hoped that this group would continue to meet quarterly perhaps on the day before model user group meetings. Thursdays were noted as a good time for meeting.

Subsequent to the meeting, Shi-Chiang Li sent out the following meeting invitation for the RTTAC Modeling subcommittee:

When: Thursday, February 04, 2010 9:00 AM-11:30 AM (GMT-05:00) Eastern Time
Where: D4-DO2, District Office Conference Room 2; D4-DO1, Administration