



**Regional Transportation Technical Advisory Committee  
MODELING SUBCOMMITTEE**

Wednesday, June 1, 2011

1:30 PM to 4:00 PM

Broward County MPO

100 West Cypress Creek Road, Suite 850

Fort Lauderdale, Florida

**Agenda**

- I. **1:30 - 1:35 Call to Order and Introductions/Overview**  
Wilson Fernandez, Miami-Dade MPO
- II. **1:35 - 2:30 SERPM TAZ Delineation Process/Status Report**  
Rob Schiffer, Cambridge Systematics
  - Palm Beach MPO
  - Miami-Dade MPO
  - Broward MPO
- III. **2:30 – 2:50 Status of SERPM7 Consultant Contracting/ABM Update**  
Shi-Chiang Li, FDOT-District 4
- 2:50 - 3:00 BREAK**
- IV. **3:00 – 3:40 SERPM Transportation Analysis Districts**  
Rob Schiffer, Cambridge Systematics
  - Miami-Dade MPO
  - Broward MPO
  - Palm Beach MPO
- V. **3:40 - 3:50 2035 SERPM Dataset Status/Version Control Update**  
Derek Miura, FDOT-District 4
- VI. **3:50 - 4:00 Future Meeting Schedule & Other Topics to Address**  
Wilson Fernandez, Miami-Dade MPO
- VII. **4:00pm Adjournment**

## April 19, 2011 Meeting Minutes

### Regional Transportation Technical Advisory Committee (RTTAC)

#### Modeling Subcommittee

Date: April 19, 2011

Project #: 8055.003

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 April 19, 2011. Meeting presentations should be provided separately via email and ftp.

#### MEETING TIME AND LOCATION

Tuesday, April 19, 2011 – 9:30 AM to 12:00 PM  
Florida Department of Transportation District 4 – D4-BOps, Auditorium North/South  
5548 Powerline Road/Northwest 9<sup>th</sup> Avenue  
Fort Lauderdale, Florida 33309

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

1. Paul Flavien, Broward MPO, [pflavien@browardmpo.org](mailto:pflavien@browardmpo.org)
2. Buffy Sanders, [sandersb@browardmpo.org](mailto:sandersb@browardmpo.org)
3. Arlene Davis, Port Everglades, [ardavis@broward.org](mailto:ardavis@broward.org)
4. Rob Schiffer (by phone), Cambridge Systematics, Inc., [rschiffer@camsys.com](mailto:rschiffer@camsys.com)
5. Shi-Chang Li, FDOT D4, [shi-chiang.li@dot.state.fl.us](mailto:shi-chiang.li@dot.state.fl.us)
6. Derek Miura, FDOT D4, [derek.miura@dot.state.fl.us](mailto:derek.miura@dot.state.fl.us)
7. Scott Seeburger, FDOT D4, [scott.seeburger@dot.state.fl.us](mailto:scott.seeburger@dot.state.fl.us)
8. Neil Lyn, FDOT D6, [neil.lyn@dot.state.fl.us](mailto:neil.lyn@dot.state.fl.us)
9. Rita Carbonell, HNTB representing MDX, [rcarbonell@hntb.com](mailto:rcarbonell@hntb.com)
10. Jessica Josselyn, Kittelson & Associates, [jjosselyn@kittelson.com](mailto:jjosselyn@kittelson.com)
11. Manuel Armada, Miami-Dade Planning & Zoning, [mav@miamidade.gov](mailto:mav@miamidade.gov)
12. Bob Schwartzreid, Miami-Dade Planning Dept. [schwarr@miami-dade.gov](mailto:schwarr@miami-dade.gov)
13. Manuel Armada, Miami-Dade Planning Dept. [mau@miami-dade.gov](mailto:mau@miami-dade.gov)
14. John Lucas, Miami-Dade Planning Dept. [jlucas@miami-dade.gov](mailto:jlucas@miami-dade.gov)
15. Wilson Fernandez, Miami-Dade MPO, [Wilson@miamidade.gov](mailto:Wilson@miamidade.gov)
16. Larry Foutz, Miami-Dade MPO, [lfoutz@miamidade.gov](mailto:lfoutz@miamidade.gov)
17. Carlos Roa, Miami-Dade MPO, [rcf@miamidade.gov](mailto:rcf@miamidade.gov)
18. Nellie Fernandez, Palm Beach MPO, [nfernand@pbcgov.org](mailto:nfernand@pbcgov.org)
19. Paul Larsen, Palm Beach MPO, [plarsen@pbcgov.org](mailto:plarsen@pbcgov.org)
20. Vinod Sandanasomy, Palm Beach MPO, [vsandanasomy@pbcgov.org](mailto:vsandanasomy@pbcgov.org)
21. Z. Jeanne Tan, South Florida RPC, [ztan@sfrpc.fl.gov](mailto:ztan@sfrpc.fl.gov)
22. Steven Anderson, South Florida RTA, [andersons@sfrta.fl.gov](mailto:andersons@sfrta.fl.gov)
23. Joe Quinty, South Florida RTA, [quintyj@sfrta.fl.gov](mailto:quintyj@sfrta.fl.gov)

## **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 change in meeting location, meeting was getting off to a late start.

### **II. Status of SERPM7 Consultant Contracting**

Li said that PB was selected as the prime consultant for the SERPM7 contract. Negotiations are underway with hopes to have the consultant team under contract by July 1<sup>st</sup>. Discussions at the most recent RTTAC meeting included dialogue on implementation of Activity-Based Modeling in FDOT/District 2 and FDOT/District 7. Concerns were expressed over a split within the state with some folks using ABM and others using four-step procedures. The RTTAC has not taken an official position on ABM but only wish to bring this issue to light and discuss coordination with others in the state. Discussion ensued over the impacts on the state, schedules, coordination, etc. Concerns were expressed over FTA approval and the need to stay on course with what FTA has requested. The status/use of ABM should be pushed for discussion at the June 3<sup>rd</sup> MPOAC meeting in Tampa. PB will be tasked with outlining alternative approaches to SERPM7 early in their contract. Derek said he would circulate the CS White Paper on ABM prepared for Central Office and the MTF.

### **III. SERPM Zone System & Updates - Criteria & Mapping**

Rob presented information on prior analysis of SERPM TAZs relative to Census recommended thresholds as well as updated information from Census and FHWA on schedules and procedures presently underway. Discussions ensued on how each of the MPOs/Counties are proceeding with the Census TAZ process. procedures ranged from Palm Beach with Census zones being about half the number of model zones vs. Miami-Dade, where Census zones and model zones are identical. Rob was asked to look at the current TADs and make some preliminary recommendations on developing a consistent methodology for defining TADs. Larry Foutz noted to FDOT D6 that they need to coordinate with Monroe County on TAZ delineation.

### **IV. Addressing HUD Livability Grant Requirements**

Derek gave a brief overview of the HUD grant and the key issues to be addressed. Grant manager is presently being sought. RFP should go out by September with completion of work efforts within two years. Budget and in-kind support were also discussed. Pilot studies are anticipated for SE FL and Treasure Coast regions. Data structure was previously handed out at SERPM7 coordination meeting.

### **V. SERPM Version Control**

Kittelson is developing a website to track issues such that administrators (i.e., FDOT) will be able to track/rate issues and provide status updates. This should be available via fsutmsonline.net. The model downloads will be updated every six months or so... listserv will allow for notification emails when new downloads are available.

## **VI. 2035 SERPM Dataset Status/Corrections**

Derek and Nellie are testing an Enterprise GIS concept for SERPM using the FIU master network database system developed for FDOT/Central Office. Network edits could be potentially made online or uploaded immediately after updating.

## **VII. Model Task Force Activities**

MTF agreed to move forward with implementation on time-of-day, advanced modeling (ABM), and advanced tolling. Focus of MTF being less academic/research-oriented and more production/application oriented. There has not been additional discussion on having a May meeting. Special subcommittee/working group was formed to discuss FTA modeling requirements and update procedures for greater consistency with best practices. Shi-Chiang Li has announced he is ready to hand off his Tri-Chair position to someone else. John Weiss is no longer with FDOT so a new Transit Committee chair is being sought.

## **VIII. Future Meeting Schedule & Other Topics to Address**

Wilson would like to hold the next meeting within the next 30-45 days for one final coordination effort on TADs/TAZs prior to finalization and delivery to FDOT. A full RTTAC meeting is planned for May 25<sup>th</sup> and the MPOAC on June 3<sup>rd</sup>. Wednesday, June 1<sup>st</sup> was proposed for the next RTTAC Modeling Subcommittee meeting, which should precede Census deadlines by several weeks. Ideally materials from each MPO will be submitted for review in advance of this meeting (questions, comments, etc.). Rob will follow up in the next week or so with preliminary recommendations on regional TADs.

## **IX. Adjournment**