



Regional Transportation Technical Advisory Committee (RTTAC) Modeling Subcommittee Meeting Agenda

January 31, 2018 – 1:30 PM to 4:00 PM

Florida Department of Transportation, District 4
District Office Conference Room 2
3400 West Commercial Blvd., Fort Lauderdale, FL 33309

Remote Access:

<https://global.gotomeeting.com/join/918633461>
Voice: +1 (646) 749-3122; Access Code: 918-633-461

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- I. Call to Order**
 - II. Introductions (10 minutes)**
 - III. Approval of the November 15, 2017 Meeting Summary* (5 minutes)**
 - IV. SERPM 8.0: Project Status (15 minutes)**
 - V. SERPM 8.0: ABM Estimation Results (30 minutes)**
 - VI. SERPM 8.0: Non-ABM Model Update* (30 minutes)**
 - VII. Regional LRTP Status and Methods Discussion* (60 minutes)**
 - a. 2045 Zonal Data Development**
 - i. Miami-Dade 2045 Socioeconomic Data Development**
 - ii. Other Discussion**
 - b. LRTP and/or RTP Scenario Testing with SERPM 7.0**
 - VIII. Member Comments (10 minutes)**
 - IX. Next Meeting – March 14, 2018 1:00 PM – 3:30 PM (Miami-Dade TPO)**
 - X. Adjournment***

*Action Item



Regional Transportation Technical Advisory Committee (RTTAC) Modeling Subcommittee

November 15, 2017 Meeting Summary

The following is a summary of the RTTAC Modeling Subcommittee (RTTAC-MS) meeting held on November 15, 2017.

MEETING TIME AND LOCATION

9:30 AM to 12:00 PM

Miami-Dade Transportation Planning Organization

SPCC, 111 NW 1st Street, 10th floor Conference Room

Miami, Florida 33128

MEETING ATTENDEES

1. Andrew Velasquez, AECOM, andrew.velasquez@dot.state.fl.us
2. David Schmitt, CTG, dschmitt@ctgconsult.com
3. Jay Evans, Cambridge Systematics, JEvans@camsys.com
4. Jeanette Berk, Gannett Fleming, jberk@gfnet.com
5. Jimmy Kohl, White House Group, jkoahl@whitehousegroup.com
6. John Lafferty, WSP, John.Lafferty@WSP.com
7. Josh DeLaRosa, Abt Associates, josh_delarosa@abtassoc.com
8. Martin Milkovits, Cambridge Systematics, MMilkovits@camsys.com
9. Monique Colberg, White House Group, mcolberg@whitehousegroup.com
10. Neil Lyn, FDOT D6, Neil.Lyn@dot.state.fl.us
11. Rosella Picado, WSP, rosella.picado@wsp.com
12. Shi-Chiang Li, FDOT D4, Shi-Chiang.li@dot.state.fl.us
13. Sujith Rapolu, CTG, srapolu@ctgconsult.com
14. Tim Verbeke, Palm Beach MPO, tverbeke@palmbeachmpo.org
15. Todd Brauer, Whitehouse Group, tbrauer@whitehousegroup.com
16. Wilson Fernandez, Miami-Dade TPO, wilson.fernandez@mdtpo.org
17. Xingmin Guo, Whitehouse Group, xguo@whitehousegroup.com
18. Yingfei Huang, Cambridge Systematics, yhuang@camsys.com
19. Yongqiang Wu, CTS, ywu@ctseinc.com

MEETING NOTES

Below is a summary of items discussed during the meeting. Action items and motions are underlined.

I. Call to Order

Neil called the meeting to order at 9:45 AM.

II. Introductions (5 minutes)

III. Approval of the September 27, 2017 Meeting Summary* (5 minutes)

Wilson motioned to approve the September 27, 2017 meeting summary. Tim seconded. The motion was unanimously approved by the RTTAC-MS.

IV. Regional Household Survey Progress Update - John Lafferty / Rosella Picado / Josh DeLaRosa (30 minutes)

The draft of the Regional Household Survey final report has been loaded onto ProjectSolve. Wilson is reviewing the draft report and it will be distributed to the RTTAC-MS soon. The survey data have been provided to Cambridge Systematics and the processed survey data files will be sent to FDOT District 4.

Wilson asked how the final data package should be delivered. Rosella confirmed that there would be two final documents: SE FL HTS survey report and O-D survey report. The Miami-Dade TPO website will host the final documents and the reports may also be posted on the FSUTMS (SERPM 8) website (http://www.fsutmsonline.net/index.php?/user_groups/comments/serpm_80).

Wilson expressed an interest in making the survey data publically available. The group discussed the potential privacy concerns related to the data. Publically posted data would need to be scrubbed of personally-identifiable attributes. The data could be identified at the TAD level to aggregate locations and avoid individually identifiable data without compromising the locational data value. The aggregated data could be made available through the SEFTC website. Management of the SEFTC website will transfer from the Palm Beach MPO to the Broward MPO in January 2018.

V. 2045 Zonal Data Development (30 minutes)

The 2045 zonal data development is beginning, Shi-Chiang recommended that it be a cooperative effort among three counties.

Wilson reported that the Miami-Dade TPO has begun work on the 2045 SE data development. The Miami-Dade TPO is working with a consultant team to produce. Miami-Dade TPO will coordinate the forecast growth in the three county region, especially in Broward county, in predicting its 2045 employment.

Tim reported that the Palm Beach MPO will be working with their consultants in December to begin the development of 2045 zonal data.

Shi-Chiang suggested that the RTTAC-MS follow up on this item in the next meeting.

VI. SERPM 8.0: Project Status (30 minutes)

Jay provided updates about project schedule and status. The model estimation is underway and the previously reported schedule will be maintained despite the delays in the household survey. The target delivery for SERPM 8 model delivery is September 2018. The next immediate steps in the project are to incorporate the remaining feedback on the 2015 input data, complete model estimation, and to begin SERPM 8 implementation in Cube and CT-RAMP.

Marty gave a summary about CS' recent work on the zonal input data, model network updates, and system-level validation data. Updates to the non-ABM models are leveraging Streetlight OD data along with the 2015 traffic counts, FAA enplanements, and cruise port schedule information.

There was a discussion about the quality of Streetlight data. Shi-Chiang and Andrew both confirmed that they have done analysis of the Streetlight data in other projects and are encouraged by the robustness of the data so far.

There was another discussion about whether it is necessary to treat the cruise ports as special generators in the model. Tim mentioned that travel activities at the cruise ports might not have an impact on the regional traffic pattern, given that most travelers would use hotel shuttles and not travel long distances to access the port. Marty will review the cruise port activity data and develop recommendations for the RTTAC-MS.

Andrew would like to review the highway network from the Turnpike perspective. Marty responded that the latest network is currently available on the FTP site and will provide access to Andrew.

Shi-Chiang suggested to compare SunPass data with the Streetlight data for the Turnpike external trip travel patterns. Andrew will make the data available to CS.

VII. SERPM 8.0: Visitor Model Calibration Plan (15 minutes)

Neil motioned to approve the Visitor Model Calibration Plan. Wilson seconded. All approved.

VIII. Regional LRTP Status Updates (as permitted) (10 minutes)

This item will be discussed at the next meeting.

IX. Brief Update on SMART Plan-Related STOPS Development Work (10 minutes)

Wilson gave a brief update about the Miami-Dade County SMART Plan and related STOPS model development work. Corradino and RSG are utilizing the regional STOPS model and calibrating it for application to individual corridors to evaluate SMART Plan improvements. A suitability tool has been developed to evaluate transit and land use development suitability for all corridors. In total, five consultant teams are working on land use scenarios to test transit suitability in Miami-Dade County.

Shi-Chiang asked about the project development for these corridors, specifically, whether the locally preferred land use scenario will be implemented in the 2045 SERPM dataset. Wilson responded that the main goal of the project is to identify potential land uses changes for the comprehensive plan. The 2045 SERPM land use dataset will be consistent with existing policies and comprehensive plans, but the land use plan could change accordingly in the future.

X. RTTAC-MS Distribution List (5 minutes)

The RTTAC-MS distribution list needs to be updated. There are currently 45 members in the email distribution list, some of whom are no longer associated with RTTAC-MS business. Jay explained that he received several bounce-backs from the Miami-Dade TPO email server when sending out meeting invitations. Wilson will send Jay a list of participants from Miami-Dade TPO to help update the email distribution list.

XI. Next Meetings (Establish 2018 Calendar) (5 minutes)

Jay emailed the proposed dates and locations for 2018 ahead of time. Future meetings scheduled in Miami-Dade will be changed to afternoon times to help attendees avoid the morning rush hour prior to the meeting. The calendar was approved by unanimous consent and Jay will transmit forward to have the meetings added to the SEFTC calendar.

XII. Adjournment*

Neil adjourned the meeting at 12:00 PM.

*Action Item