



Regional Transportation Technical Advisory Committee
Modeling Subcommittee (RTTAC-MS)

Meeting Agenda

May 13, 2016 – 9:30 AM to 12:00 PM

Palm Beach Metropolitan Planning Organization
ITS Conference Room
2300 N. Jog Road, 4th Floor
West Palm Beach, FL 33411-2749

Call-in information: 1.877.829.8910
Pin: 2114574

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- I. Call to Order
 - II. Approval of the March 18, 2016 Meeting Minutes* (5 minutes)
 - III. Regional Household Survey Incentive Update – Wilson Fernandez (10 minutes)
 - IV. Regional Household Survey Implementation – Josh DeLaRosa /Anurag Komanduri (45 minutes)
 - V. SERPM 7.0 Zonal Data Update – Hui Zhao, FDOT District 4 (10 minutes)
 - VI. SERPM 7.0 Network Update – Wilson Fernandez (15 minutes)
 - VII. Member Comments
 - VIII. Next Meeting – July 13, 2016 (FDOT District 6)
 - IX. Adjournment*

*Action Item



Regional Transportation Technical
Advisory Committee (RTTAC)
Modeling Subcommittee
March 30, 2016 Meeting Minutes

The following is a summary of the RTTAC Modeling Subcommittee (RTTAC MS) meeting held at 9:30 AM on March 30, 2016 at the Broward Metropolitan Planning Organization (MPO).

MEETING LOCATION

Broward MPO Trade Centre South,
100 West Cypress Creek Road,
Suite 850, Fort Lauderdale 33309

MEETING ATTENDEES

1. Neil Lyn, FDOT D6, neil.lyn@dot.state.fl.us
2. Wilson Fernandez, Miami-Dade MPO, wfernandez@miamidademppo.org
3. Buffy Sanders, Broward MPO, sanders@broward.po.org
4. Paul Flavien, Broward MPO, flaviemp@browardmpo.org
5. Luke Lambert, Palm Beach MPO, llambert@palmbeachmpo.org
6. Hui Zhao, FDOT D4, hui.zhao@dot.state.fl.us
7. Scott Seeburger, FDOT D4, scott.seeburger@dot.state.fl.us
8. Shi-Chiang Li, FDOT D4, shi-chiang.li@dot.state.fl.us
9. Richard Ogburn, SFRPI, rogburn@sfrpc.com
10. Mike Brown, TPS, TPS-Mike.Brown@comcast.net
11. Jay Evans, Cambridge Systematics, jevans@camsys.com
12. Anurag Komanduri, Cambridge Systematics, AKomanduri@camsys.com
13. Josh DeLaRosa, abt SRBI, j.delarosa@srbi.com
14. Anders Hansen, abt SRBI, A.Hansen@srbi.com
15. John Lafferty, Parsons Brinckerhoff, lafferty@pbworld.com
16. Rosella Picado, Parsons Brinckerhoff, picado@pbworld.com

MEETING NOTES

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

I. Call to Order

Neil Lyn called the meeting to order.

II. Approval of March 18, 2016 Meeting Minutes

Paul Flavien made a motion for approval. The motion was seconded by Wilson Fernandez and unanimously approved by the RTTAC MS.

III. Pilot Survey Discussion “What we Learned”

Neil Lyn introduced the agenda item. John Lafferty provided additional follow-up from the March 18th meeting. Josh DeLaRosa presented the final results in terms of the proposed pilot survey target and actual results (see table below). Of the 70 respondents to the recruitment survey 50% or 36 accepted the request to complete a two-day travel diary of which 24 completed two days worth of travel data entry.

Measure	Actual	Target
Number of Sampled Addresses	4,500	4,500
Valid Addresses	4,490	4,000
Number of Recruitment Mailings	2	2
Total Pieces of Mail Sent	9,000	9,000
Recruited Households*	70	160
Completed Household Travel Diaries (2 days)**	24	80
Recruitment Rate	1.55%	4.0%
Travel Diary Completion Rate	34.3%	50.0%
Overall Completion Rate	0.53%	2.0%

Josh stated that the participation or recruitment and completion rate targets were based upon the use of an incentive. Josh also reported that over 90% of the surveys were completed in less than 10 minutes. Several surveys were also completed on smart phones and mobile devices (e.g., iPad, iPhone, Android etc.) which demonstrate the survey’s being responsive to these types of devices. The outcome of the pilot survey will result in several adjustments to the survey to improve the collection of information as well the “ease” when navigating through the survey. One example is to revise the survey design to provide better specificity for a trip origin/destination rather than asking for a generalized location.

Neil Lyn asked about the participation assumptions for the full study based upon those areas that have been known difficult to reach such as low income and minority populations. Josh explained that based upon research on those populations we have targeted these areas for oversampling. Neil asked whether the age of respondents was captured as part of the pilot survey. Josh responded that demographic information collected as part of the recruitment survey will be provided. In summary the type of information collected includes, number of cars per household, income level, whether a participant is a seasonal resident. The results indicate that 96% of participants are not seasonal residents, 99% owned one or more cars. Neil requested that this summary be distributed to the RTTAC MS. Josh complied and committed to distribute within one business day. Paul Flavien asked about the breakdown of survey participants by county. The breakdown was as follows: 45 (65%) respondents from Miami-Dade County; 14 (20%) from Broward County; and 11 (15%) from Palm Beach County.

The consultant team provided a live demonstration of both the recruitment survey and travel diary for the RTTAC-MS. At the conclusion of the demonstration several suggestions were made to make the survey more user friendly such as placing more than one question per page, providing a progress bar, and assure the font size is of a legible size.

Shi-Chiang Li asked if he could further review the online survey after the meeting. The consultant team will distribute “test” pins to allow members to further review the online survey.

IV. Full Survey—Use of Incentives

Wilson provided an overview of a memorandum prepared by the consultant team. The memorandum summarizes the use of incentives on previously completed surveys throughout the U.S. to also include various DOT's.

A discussion occurred about the next steps of the study and how participation will be affected as to whether incentives are used or not. It was noted that the scope of services as approved by each of the project partners includes the use of incentives for the Regional Travel Survey. The consultant team recommends the use of incentives for the full survey.

A decision by the project partners as to whether incentives will be used for the full survey is needed within the next two weeks. Otherwise, the survey approach will include only one phase that will occur in the fall of 2016. Resolution on this issue needs to occur no later than April 15th in order to administer the survey this spring.

V. Sampling Plan

Jay Evans gave a PowerPoint presentation on this item to further discuss the sampling plan approach to include proposed sampling rates and targets for the three counties. These are based upon various socio-economic variables, area zone type and Traffic Analysis Districts (TAD).

An action was requested for RTTAC MS approval of the sampling plan approach.

Paul Flavien made a motion for approval. The motion was seconded by Luke Lambert with the understanding that Palm Beach is revising its TAD's. Action was unanimously approved by the RTTAC MS.

VI. Attitudinal Survey

Jay Evans gave a PowerPoint presentation on this item. The attitudinal survey will collect information about attitudes and preference of regional travelers. The questions asked are based upon using a series of behavioral rating questions. A draft of the attitudinal survey was distributed to the RTTAC MS after the February 24th meeting for review. The latest version of the survey includes 25 questions in total. One household member that is of 18 years and older will be required to complete.

An action was requested for RTTAC MS approval of the attitudinal survey questions.

Luke Lambert made a motion for approval. The motion was seconded by Paul Flavien and unanimously approved by the RTTAC MS.

VII. Member Comments

No comments.

VIII. Adjournment

The next RTTAC MS meeting is scheduled for May 13th at the Palm Beach MPO.

The meeting was adjourned by Neil Lyn at 11:53 AM.

SERPM 7 Updates Tracking Log - Zonal Data

Update #	Status	Version	County	Year*	Request By	Request Date	Update Date	Updates	Supporting Files
	Approved	141230	Region	2010	Shi-Chiang Li, District 4	11/10/2014	12/30/2014	Fix rounding errors and basic logic errors for 2010 zonal data	SERPM7_ZDATA_141230.ZIP
	Approved	141230	Palm Beach	2040	Shi-Chiang Li, District 4 PB MPO	11/10/2014	12/30/2014	Replicate LRTP Data and fix negative employment growth in Palm Beach	SERPM7_ZDATA_141230.ZIP SERPM 2040 Data Cleanup.pptx
	Approved	150129	Palm Beach	2040	Nick Uhren, PB MPO	1/13/2015	1/29/2015	Add Minto West DRI Project to TAZs 864, 1058, 1079, and 1593	SERPM7_ZDATA_150129.ZIP PBC_Minto_West.xlsx
	Approved	150203	Palm Beach	2040	Nick Uhren, PB MPO	1/28/2015	2/3/2015	Add Palm Beach Gardens DRI Projects to TAZs 28, 29, 31, 849, 850, 889, and 1127	SERPM7_ZDATA_150203.ZIP Palm Beach Gardens Projects.xls
	Approved	150203	Broward	2040	Ashutosh Kumar, AECOM Broward MPO	1/30/2015	2/3/2015	Correct Broward General Hospital from 337 to 4,500 employees for MAZ 5821	SERPM7_ZDATA_150203.ZIP
The above updates have been incorporated in the Version 7.0 release.									
1	Approved	150206	Broward	2010	Ashutosh Kumar, AECOM Broward MPO	1/30/2015	2/6/2015	Correct Broward General Hospital from 312 to 4,500 employees for MAZ 5821	SERPM7_ZDATA_150206.ZIP
2	Approved	150316	Palm Beach	2040P	Dave Schmitt, AECOM PB MPO	3/3/2015	3/16/2015	Change FAU enrollment to 33,365 & 6,629 and college employment to 7,389 & 519 for MAZs 9734 & 9825 to reflect the planned growth; Change Group Quarters College to 3292 in TAZ 617	SERPM7_ZDATA_150316.ZIP
3	Approved	150316	Broward	2040A 2040P	Paul Flavien, Broward MPO	3/10/2015	3/16/2015	Move Sawgrass Mills Mall employment data from MAZ 7267 to 7268	SERPM7_ZDATA_150316.ZIP
4	Approved	150316	Broward	2040P	Paul Flavien, Broward MPO	3/10/2015	3/16/2015	Add new Broward County development projects as of 3/2015 to the file	SERPM7_ZDATA_150316.ZIP BC_Approved_0315.xlsx
5	Approved	150423	Miami Dade	2010	Ashutosh Kumar, AECOM MD MPO	2/26/2015	4/23/2015	Correct Nova North Miami Beach campus enrollment to 4113 in MAZ 407	SERPM7_ZDATA_150423.ZIP
6	Approved	150426	Miami Dade	2040A 2040P	Ashutosh Kumar, AECOM MD MPO	2/26/2015	4/26/2015	Correct Nova North Miami Beach campus enrollment to 5141 in MAZ 407	SERPM7_ZDATA_150426.ZIP
The above updates have been incorporated in the Version 7.051 release.									
7	Approved	160120	Miami Dade	2010	Manuel Armada, MD MPO	12/1/2015	1/20/2016	Population was shifted from one TAZ to another for selected zones; the county-wide population total did not change.	SERPM7_ZDATA_160120.ZIP
8	Approved	160120	Broward	2010	Paul Flavien, Broward MPO	10/12/2015	1/20/2016	Rounding errors were fixed along with changes to the distribution of 1 person, 2 person, 3 person and 4 plus person households. TAZ 1965 adjustments were made to the dwelling unit information.	SERPM7_ZDATA_160120.ZIP
9	Approved	160121	Palm Beach	2040A	Lukas Lambert, Palm Beach MPO	1/14/2015	1/21/2016	Rounding errors were fixed along with changes to the distribution of 1 person, 2 person, 3 person and 4 plus person households. A number of MAZ's were found to correspond to incorrect TAZ's, the MAZ's were fixed along with some rounding errors. Some group quarters were shown as HH's and POP and corrected.	SERPM7_ZDATA_160121.ZIP
10	Approved	160129	Palm Beach	2040P	Lukas Lambert, Palm Beach MPO	1/15/2015	1/21/2016	Rounding errors were fixed along with changes to the distribution of 1 person, 2 person, 3 person and 4 plus person households. A number of MAZ's were found to correspond to incorrect TAZ's, the MAZ's were fixed along with some rounding errors. Some group quarters were shown as HH's and POP and corrected. Approved developments Watertown Commons and One West Palm Beach were added.	SERPM7_ZDATA_160129.ZIP
The above updates have been incorporated in the Version 7.061 release.									
11	Pending	160506	Broward	2040P	Paul Flavien, Broward MPO	3/11/2016	5/6/2016	Add new Broward County development projects as of 3/2016 to the file.	SERPM7_ZDATA_160506.ZIP
12	Pending	160506	Palm Beach	2040P	Lukas Lambert, Palm Beach MPO	3/29/2016	5/6/2016	Population was shifted from one TAZ to another for selected zones (TAZs 750,754 and 1740). Adjustments were made to the TAZ and MAZ shape files. No changes were made to the employment data.	SERPM7_ZDATA_160506.ZIP
The above updates will be incorporated in the Version 7.062 release.									

Year*:

2010 - 2010 Base Year; 2040A - 2040 Adopted LRTPs (LRTP2040); 2040P - 2040 Adopted LRTP Plus Approved Projects (CF2040)