



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

January 29, 2024 – 10:00 AM to 12:00 PM EST

Location:
Virtual

Remote Access:

Microsoft Teams meeting

Join on your computer, mobile app or room device

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Meeting ID: 246 089 814 52

Passcode: FrZ8zf

Or call in (audio only)

[+1 786-530-8279,393288035#](#) United States, Miami

Phone Conference ID: 393 288 035#

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- I. Introductions (5 minutes)**
 - II. SERPM 8.0: Model Update Status (15 minutes – Srin Varanasi, The Corradino Group)**
 - III. SERPM 9.0: Model Progress Update (30 minutes – Rosella Picado, WSP)**
 - IV. E+C Network Coding Issues/Reviews/Status (15 minutes- MPO/TPO/TPA)**
 - V. RTP Update (15 minutes – Jessica Josselyn and Like Liu, Kittelson)**
 - VI. Member Comments (5 minutes)**
 - VII. Next Meeting**



Regional Transportation Technical Advisory Committee (RTTAC) Modeling Subcommittee

October 30, 2023, Meeting Summary

The following summarizes the RTTAC Modeling Subcommittee (RTTAC-MS) Meeting held virtually on October 30, 2023, through MS Teams.

MEETING TIME AND LOCATION

From the voting members, Paul Flavien (Broward MPO), Matthew Masa (TPA), Maria Tery Vilches (TPO), Raj Shanmugam (FDOT D4) and Ana M. Calleja (FDOT D6) participated virtually through MS Teams.

MEETING ATTENDEES (Voting members are underlined)

1. Aditya Katragadda, Corradino Group, akatragsadda@corradino.com
2. Ana M. Calleja, FDOT D6, anam.calleja@dot.state.fl.us
3. Andrew Velasquez, Florida's Turnpike Enterprise, andrew.velasquez@dot.state.fl.us
4. Ashutosh Kumar, Insight Transportation Group, ashu.kumar@insighttcinc.com
5. Behzad Karimi, WSP, behzad.karimi@wsp.com
6. Cesar Segovia, Florida's Turnpike Enterprise, cesar.segovia@dot.state.fl.us
7. Christine M. Springer, Jacobs, christine.springer@jacobs.com
8. Danyu Shi, BCC Engineering, dshi@bcceng.com
9. Divya Yuvaraj, FDOT D6, divya.yuvaraj@dot.state.fl.us
10. Fadi Emil Nassar, Palm Beach County, fnassar@pbcgov.org
11. Franco Saraceno, Kittelson and Associates, fsaraceno@kittelson.com
12. Hector Di Donato, Miami-Dade TPO, hector.didonato@miamidade.gov
13. Hoyt S. Davis, Gannett Fleming, hdavis@gfnet.com
14. Hui Zhao, CTS Engineering, hzhao@ctseinc.com
15. James Brown Jr., Florida's Turnpike Enterprise, james.brownjr@dot.state.fl.us
16. Jeanette F. Berk, Gannett Fleming, jberk@gfnet.com
17. Jessica Josselyn, Kittelson and Associates, jjosselyn@kittelson.com
18. Jill Quigley, Benesch, jquigley@benesch.com
19. Ken Kaltenbach, Corradino Group, kkaltenbach@corradino.com
20. Like Liu, Kittelson and Associates, lliu@kittelson.com
21. Matthew Masa, Palm Beach TPA, mmasa@palmbeachtpa.org
22. Min-Tang Li, Broward County, mli@broward.org
23. Paul Flavien, Broward MPO, flavienp@browardmpo.org
24. Raj Shanmugam, FDOT D4, raj.shanmugam@dot.state.fl.us
25. Rosella Picado, WSP, rosella.picado@wsp.com
26. Sheldon Harrison, Cambridge Systematics, sharrison@camsys.com
27. Shuo Wang, WSP, shuo.wang@wsp.com
28. Sijia Wang, WSP, sijia.wang@wsp.com
29. Srinivas Varanasi, Corradino Group, svaranasi@corradino.com
30. Sujith Rapolu, Insight Transportation Group, sujith.rapolu@insighttcinc.com
31. SungRyong Han, BCC Engineering, shan@bcceng.com
32. Tewari Edmonson, Miami-Dade DTPW, tewari.edmonson@miamidade.gov
33. Vilches, Maria Teresita (TPO), Miami-Dade TPO, maria.vilches@miamidade.gov

34. Yongqiang Wu, CTS Engineering, ywu@ctseinc.com
 35. Zhening Cui, BCC Engineering, zcui@bcceng.com

MEETING NOTES

The following is the summary of items discussed during the meeting.

I. Introductions (5 minutes)

Paul welcomed the group and briefly went over the agenda. The RTTAC-MS voting members briefly introduced themselves.

II. SERPM 8.0: Model Update Status (15 minutes – Srin Varanasi, The Corradino Group)

Srin provided updated about SERPM8.533 model release and testing update. This version includes the following projects:

- GGI light
- I-395 and I-95 interchange edits.
- Tri Rail downtown link

III. 2024 RTTAC-MS Schedule (5 minutes – RTTAC-MS Group)

Srin shared tentative 2024 schedule. The schedule has been generally accepted.

The March 24, 2024, meeting reschedule to March 18, 2024.

Proposed RTTAC MS MEETING DATES																											
2024																											
January							April							July							October						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6			1	2	3	4	5
7	8	9	10	11	12	13	7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	31				28	29	30					28	29	30	31				27	28	29	30	31		
February							May							August							November						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3				1	2	3	4					1	2	3						1	2
4	5	6	7	8	9	10	5	6	7	8	9	10	11	4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	12	13	14	15	16	17	18	11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	19	20	21	22	23	24	25	18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29			26	27	28	29	30	31		25	26	27	28	29	30	31	24	25	26	27	28	29	30
March							June							September							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2							1	1	2	3	4	5	6	7	1	2	3	4	5	6	7
3	4	5	6	7	8	9	2	3	4	5	6	7	8	8	9	10	11	12	13	14	8	9	10	11	12	13	14
10	11	12	13	14	15	16	9	10	11	12	13	14	15	15	16	17	18	19	20	21	15	16	17	18	19	20	21
17	18	19	20	21	22	23	16	17	18	19	20	21	22	22	23	24	25	26	27	28	22	23	24	25	26	27	28
24	25	26	27	28	29	30	23	24	25	26	27	28	29	29	30	31					29	30	31				
31							30																				

Quarterly Updates
Workshop

IV. SERPM 9.0: Model Progress Update (30 minutes – Rosella Picado, WSP)

Rosella provided update. SERPM9 version 1 release. It includes transit related fixes and Park-N-Ride. Transit calibration is in progress.

The CUBE version of the model will be used for the LRTPs.

V. E+C Network Coding Issues/Status (15 minutes- MPO/TPO/TPA)

Mary-Tery mentioned about the better bus network being adopted by the DTPW on November 13, 2023. It needs to be incorporated to SERPM9 development.

Franco and Han confirmed that the E+C highway project coding has been completed. Rosella to share the E+C networks with the LRTP teams. Ashutosh requested the E+C project list. Rosella will provide the project cards the E+C project list.

Andrew mentioned that Turnpike would like to review the E+C network for the Turnpike operated roadways. Turnpike team will review and reach out to the T/MPO about their findings.

Srin requested SERPM9 E+C network projects list that needs to be incorporated it into SERPM8 CF for subsequent releases.

Cesar requested the 2050 socioeconomic data to review the growth and control totals.

Like provided an update about the special generators data. Danyu presented the special generator controls. The 2015 and 2020 values are same. Similarly, 2045 data will be used for 2050. However, these were assigned to the new TAZ structure. Trip verification survey / master plan can be used to evaluate the special generators. Rosella mentioned about enplanements and embarkment could be an oversight. It will be reviewed and addressed in the next version release.

VI. Member Comments (5 minutes)

Mary-Tery inquired Srin about the data request to agencies and other teams. The 2050 socioeconomic data should not be used for any project until all the three T/MPOs adopt the 2050 LRTP.

VII. Next Meeting

The next meeting scheduled on December 4, 2023, has been canceled. The first meeting (non-voting virtual workshop format) in 2024 will be held on January 29, 2024.

VIII. Adjournment*

Paul adjourned the meeting at 11:06 am.