



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

September 29, 2025 – 11:00 AM to 12:00 PM EST

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- I. Introductions** (5 minutes)
 - II. SERPM 9.0: Model Maintenance Update/Overview** (15 minutes – Srin Varanasi/
Aditya Katragadda, The Corradino Group)
 - III. SERPM9.0: PTV VISUM Version Update** (15 minutes –Srin Varanasi/Aditya Katragadda,
The Corradino Group)
 - IV. RTP Update** (15 minutes- Like Liu, Kittelson)
 - V. Member Discussion** (15 minutes)
 - VI. Next Meeting** (In-person Format: October 27, 2025 - Venue TBD) Discussion (5 minutes)

1. List of Attendees

1. Aditya Katragadda, Corradino Group, akatragadda@corradino.com
2. Ashutosh Kumar, Insight Transportation Consulting, ashu.kumar@insighttcinc.com
3. Brown Jr James, FDOT D4, James.BrownJr@dot.state.fl.us
4. Calleja Ana M., FDOT D6, AnaM.Calleja@dot.state.fl.us
5. CJ, Town of Jupiter, cjl@jupiter.fl.us
6. Davis, Hoyt S., GFT Inc., hdavis@GFNET.com
7. Hu Jiangchuan, GFT Inc, jhu@gfnet.com
8. Hui Zhao, CTS Engineering Inc., HZhao@ctseinc.com
9. Karimi Behzad, WSP, Behzad.Karimi@wsp.com
10. Ken Kaltenbach, Corradino Group, Kkaltentbach@corradino.com
11. Like Liu, Kittelson & Associates, lliu@kittelson.com
12. Nizamul Mojumder, Corradino Group, mmojumder@corradino.com
13. Paul Flavien, Broward MPO, flavienp@browardmpo.org
14. Phan Trang, FDOT D4, Trang.Phan@dot.state.fl.us
15. Sai Ranga Chimbili, FDOT D4, ranga.saichimbili@dot.state.fl.us
16. Segovia Cesar, FDOT Turnpike, Cesar.Segovia@dot.state.fl.us
17. Sheldon Harrison, CamSys, sharrison@camsys.com
18. Springer Christine M., Jacobs, Christine.Springer@jacobs.com
19. Sujith Rapolu, Insight Transportation Consulting, sujith.rapolu@insighttcinc.com
20. Tianyi Wei, BCC Engineering, twei@bcceng.com
21. Yongqiang Wu, CTS Engineering Inc., Ywu@ctseinc.com

2. Meeting Notes

The following is a summary of key points discussed during the August 25, 2025, RTTAC-MS meeting, held in-person at FDOT District 4.

I. Introductions (5 minutes)

Paul Flavien, the RTTAC-MS Chair, welcomed the group and briefly presented the agenda. The RTTAC-MS voting members introduced themselves.

II. SERPM 9.0: Model Maintenance Update/Overview (15 minutes –Srin Varanasi/ Aditya Katragadda, The Corradino Group and Rosella Picado, WSP)

- Reported updates to the assignment script for toll-eligible trips, speed adjustments by facility type, and network updates based on Jacobs' findings - Flagler and I-75 / Hialeah areas.
- Cost-feasible transit updates from GFT were incorporated.
- Reported traffic counts issues – location and quality of counts impacting the validation statistics, specifically for Miami-Dade. Corradino team is reviewing the counts and will release a patch with corrected counts.
- The latest SERPM952 results were compared with the SERPM9.51 version. Overall model validation improved in terms of volume-to-count ratio and RMSE.
- Motion to adopt SERPM9.52 version was approved
- The model version release is expected to be available after the holiday.

III. SERPM9.0: PTV Version Update (15 minutes –Srin Varanasi/Aditya Katragadda, The Corradino Group)

- Ongoing evaluation of incorporating the latest networks into PTV VISUM.
- Current runtime for 2019 model: 26 hours; for 2050 model: 33 hours (15% sample).
- Plan to rerun 2050 with a 25% sample for consistency.
- Need to update network links and transit mode choice parameters for better calibration.
- Target release of the updated VISUM version by the end of the year.
- The September meeting will include further progress updates.

IV. RTP Update (15 minutes- Like Liu, Kittelson)

- Updates to the modeling report are forthcoming.

V. Member Discussion (15 minutes)

- Update on larger roadways and the MCP amendment process expected after February next year.
- Introduction of new staff member Sai Ranga Chimbili, joining the team as Planning Specialist III, FDOT District 4, focused on modeling and travel demand models.

VI. Next Meeting Discussion (5 minutes)

- The next meeting will be an online meeting on September 29, 2025.