



**Regional Transportation Technical Advisory
Committee (RTTAC) Transportation System
Management & Operations (TSM&O)
Subcommittee**

Meeting Agenda

September 28, 2017 – 10:00 AM

Broward MPO

Executive Conference Room
100 W. Cypress Creek Rd, Suite 650
Fort Lauderdale, FL

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| 10:00 AM | I. Call to Order / Introductions |
| 10:10 AM | II. Approval of April 27, 2017 Meeting Notes* |
| 10:15 AM | III. District 4 TSM&O Master Plan and Projects <ul style="list-style-type: none">o Final master plan and projects – Karen Kiselewski |
| 10:25 AM | IV. Implementation Plan <ul style="list-style-type: none">o Action Plans – Peter Haliburtono M/TPO LRTPs & Regional Transportation Plan – Melissa Ackerto Grant Programs and Funding Opportunities – Melissa Ackert |
| 10:45 AM | V. Tracking Performance Measures using Bluetooth Data - Shelby Coke, P.E., PTOE |
| 11:00 AM | VI. Roundtable discussion <ul style="list-style-type: none">o SR-90/SW 8th Street Adaptive Signal Control Technology (ASCT) - Pilot Project - Yamilet Diaz, P.E (FDOT D6)o Project updates from attendees |
| 11:25 AM | VII. Other Business |
| 11:25 AM | VIII. Next TSM&O Subcommittee Meeting <ul style="list-style-type: none">o January 25, 2018 (fourth Thursday) |
| 11:30 PM | IX. Adjournment |

*Action Item

Call-in number available upon request to Karen Kiselewski, kkiselewski@camsys.com



Regional Transportation Technical Advisory Committee (RTTAC) TSM&O Subcommittee

April 27, 2017 Meeting Notes

The following is a summary of the RTTAC meeting held on April 27, 2017.

MEETING TIME AND LOCATION

FDOT District 6 Auditorium, 1:30 pm.

MEETING ATTENDEES

1. Giri Jeedigunta, Palm Beach County, GJeedigun@pbcgov.org
2. Vladimir Velasco, Palm Beach County, VVelasco@pbcgov.org
3. Tim Verbeke, Palm Beach MPO, TVerbeke@palmbeachmpo.org
4. Andrew Uhlir, Palm Beach MPO, AUhlir@PalmBeachMPO.org
5. Buffy Sanders, Broward MPO, sandersb@browardmpo.org
6. James Cromar, Broward MPO, CromarJ@BrowardMPO.org
7. John Kleinedler, BCTED, jkleinedler@broward.org
8. Charlie Zhu, BCTED, czhu@broward.org
9. Mary Tery Vilches, Miami-Dade MPO, mvilches@miamidademppo.org
10. Anna Bielawska, SFRTA, bielawskaa@sfrta.fl.gov
11. Alexandra Lopez, FDOT D6, Alexandra.lopez@dot.state.fl.us
12. Javier Rodriguez, FDOT D6, javier.rodriguez@dot.state.fl.us
13. Neil Lyn, FDOT D6, Neil.Lyn@dot.state.fl.us
14. Saud Khan, FDOT D6, saud.khan@dot.state.fl.us
15. Jonathan Ford, FDOT D4, Jonathan.ford@dot.state.fl.us
16. David Moore, FDOT D4, David.Moore@dot.state.fl.us
17. Min-Tang Li, FDOT D4, Min-Tang.Li@dot.state.fl.us
18. John Easterling, Florida's Turnpike, John.Easterling@dot.state.fl.us
19. Girish Khumar, HNTB, gkumar@hntb.com
20. Aung Thurain, Gannett Fleming, athurain@GFNET.com
21. Karen Kiselewski, Cambridge Systematics, kkiselewski@camsys.com
22. Peter Haliburton, Cambridge Systematics, phaliburton@camsys.com

MEETING NOTES

The following is a summary of the key points discussed at the meeting. The comments have been organized by agenda topic.

I. Call to Order / Introductions

Giri Jeedigunta called the meeting to order.

II. Approval of January 31, 2017 Meeting Notes

The January 31, 2017 meeting notes approval was motioned by Buffy Sanders and seconded by Jonathan Ford. The notes were approved unanimously.

III. Congestion Management Process

Staff from the three MPOs made presentations on their congestion management processes (CMP).

Mary-Teri Vilches from Miami-Dade TPO presented on their 2014 congestion management process (CMP). This was an update to their 2009 CMP, and focused on congested segments (2+ miles) and hotspots (<2 miles). The list of projects was evaluated based on total vehicle delay and supplemented with priority unfunded needs from the 2035 LRTP. Funding was set-aside for treatments on 20 priority corridors (listed in LRTP).

Andrew Uhlir made a presentation for the Palm Beach MPO. Their CMP is largely represented by the Performance Measures report card (which was provided to the group as a handout). The CMP has been annually updated by the MPO since 1995 as part of ISTEA requirements. The MPO follows the eight-step process from FHWA. The CMP considers all modes including bike and pedestrian, transit, and freight, and relies on data collected for each of these modes. The CMP identifies existing conditions and goals, and provides Strategies to achieve goals for each mode. Improvements are funded through LRTP, Local Initiatives Program

James Cromar presented for the Broward MPO, which identifies corridor congestion in two tiers. The MPO Board provided direction to focus on existing rights-of-way and unsure they are used more efficiently, and secondly to include multimodal accommodations addressing Broward County's development patterns. The MPO identified 11-15 corridors, which coincide with priority transit corridors. The MPO has focused on a congestion management and livability process, ensuring short-term congestion solutions also consider longer term livability. They developed a project work program to address needs, starting with three corridors. These studies also addressed safety, and identified minor projects for implementation. The MPO currently has paused their corridor studies to catch up with implementation and construction. The MPO is focusing on localized hot spot improvements on state roads where funding is available.

IV. District 4 TSM&O Master Plan

Karen Kiselewski made a presentation providing the group with an overview of District 4's TSM&O Master Plan, where recent work focused on:

- Project prioritization – the draft priority methodology was presented

- Regional ITS architecture update – this was presented by Aung Thurain of Gannet Fleming
- Implementation opportunities – this has focused on reviewing the tentative work program to identify projects which could potentially be supplemented to include TSM&O elements consistent with the needs identified in the master plan
- Stakeholders and their responsibilities related to project implementation

V. Overview of TSM&O Subcommittee Consultant Support Task

Peter Haliburton provided a presentation on the subcommittee support task order, which has focused on:

- Funding – the consultant team conducted a thorough review of Federal, State and local funding sources that have been or potentially could be used to fund elements of TSM&O projects from planning, through design, construction, operations and maintenance. A table was presented showing eligibility of different fund sources depending on roadway ownership and classification.
- The RTTAC TSM&O Subcommittee Implementation Guide document being developed to provide recommendations for effective mainstreaming and implementation of projects in South Florida, including recommended actions
- Implementation responsibilities and roles of different Subcommittee agency members
- Goals and objectives for TSM&O for South Florida, and
- Recommended performance measures for the regional program

VI. Roundtable Discussion

Giri Jeedigunta made a presentation to the group on ITE's ITS TSM&O Council presentation – a summary of what the profession is doing.

Alexandra Lopez provided an update of D6's TSM&O program and current projects, which include:

- Express lanes being added to 826 & I-75
- SW 8th Street adaptive signal control
- NW 118th Street adaptive control – currently in procurement
- Okeechobee Road adaptive signal control design project
- Miami Beach ITS & Parking management - in procurement
- Various local community freight studies which include a TSM&O component

Miami Dade County is pursuing adaptive signal control on 12 corridors. One has been implemented and they are procuring fiber on all 12 corridors.

Giri asked FDOT staff about the possible use of DDR funds for TSM&O project maintenance? FDOT responded that currently FDOT is funding maintenance in Broward County although the county provides funds in Palm Beach. D4 is looking for Central Office guidance on eligibility of this funding source. FDOT has workload forms to project TSM&O maintenance costs, and for projecting this funding stream.

D4 updates: In D4 Traffic Operations is considering combining freeways and arterials ITS operations contracts in 2018 to achieve savings.

FDOT is currently in the selection process for adaptive signal control on Pines Blvd from US 1 to Flamingo Rd. It is planned to extend the project to Dykes Road which will also include adaptive signal control at the I-75 interchange. This location experiences many preemptions from emergency vehicles heading to hospital east of I-75 from neighborhoods to the west.

FDOT is deploying a temporary ATMS project on SE 17th Street – this includes Bluetooth and CCTVs. The project is expected to be operational this week or next (pending successful systems integration). The project will provide data collection on temporary basis. The contractor will be responsible for maintenance, and for providing 24-hour data. Cameras have the ability to set up pedestrian detection zone – and provide pedestrian counts. Signal timing plans will address pedestrian volumes during high demand. The project is a two year pilot and is being achieved under a push button contract.

Giri provided a Palm Beach update. In cooperation with D4, the County has a bridge ITS project under construction to address and manage impacts during dignitary visits as well as to address demand during evacuation of the island. The project includes Bluetooth speed data collection. Data will be maintained on outside server – and therefore can be made accessible to partner agencies, e.g. police.

VII. Other Business

None.

VIII. Next TSM&O Subcommittee Meeting – April/May 2017

The next subcommittee meeting will be held on September 28th. Broward MPO offered the use of their offices to hold the meeting.

IX. Adjournment

The meeting was adjourned.