



metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP

Transportation Systems Management and Operations (TSMO) Advisory Committee

MEETING MINUTES

DATE: Friday, April 26, 2024

TIME: 8:30 a.m.

LOCATION: MetroPlan Orlando
David L. Grovdahl Board Room
250 South Orange Avenue, Suite 200
Orlando, Florida 32801

Chairman Brian Sanders, Presiding

Members Present:

Mr. Lenny Barden, City of Altamonte Springs
Mr. Cameron Crandell for Mr. Naoi Barkessa, City of St. Cloud
Mr. Adam Mendenhall, City of Sanford
Mr. Kelly Brock, City of Casselberry
Mr. Christopher Carson, City of Lake Mary
Ms. Christina Colón, Osceola County
Mr. Chris DeLoatche, GOAA
Ms. Alyssa Eide, City of Maitland
Mr. Hazem El-Assar, Orange County
Mr. Eric Gordin, FTE
Mr. Bryan Homayouni, Central Florida Expressway Authority
Mr. Craig Bayard for Mr. Doug Jamison, LYNX
Mr. Jean Jreij, Seminole County
Mr. Keith Moore for Mr. Hong Lim, City of Winter Park
Mr. Butch Margraf, MPO Appointee
Mr. Phil Price, City of Belle Isle
Ms. Lee Pulham, Central Florida Tourism Oversight District
Mr. Brian Sanders, Orange County

Mr. Ramon Senorans, Kissimmee Gateway Airport
Ms. Maria Tejera, City of Orlando
Mr. Akil Toussaint, City of Orlando
Mr. Charlie Wetzel, Seminole County
Ms. Amy Martello for Mr. Jonathan Williams, City of Winter Garden
Mr. Gary Yeager, Osceola County
Mr. Paul Yeargain, City of Oviedo

Voting Members Absent:

Mr. Steve Krug, City of Ocoee
Ms. Pam Richmond, City of Apopka
Mr. Shad Smith, City of Longwood
Vacant, City of Kissimmee
Vacant, City of Winter Springs
Vacant, Orlando Sanford Airport

Non-Voting Members/Advisors Absent:

Ms. Tonya Elliot Moore, Town of Windermere
Mr. Richard Horn, City of Edgewood
Ms. Susan Hutson, University of Central Florida
Vacant, Town of Eatonville
Vacant, Town of Oakland
Vacant, Orange County CTST
Vacant, Osceola County CTST
Vacant, Seminole County CTST

Others in Attendance:

Mr. Jeremy Dilmore, FDOT District 5
Ms. Amy Beckman, FDOT District 5
Mr. Siasoi Fine, FTE
Mr. Jim Wood, Kimley Horn
Ms. Kathrin Tellez, Fehr & Peers
Mr. David Williams, VHB
Mr. Gary Huttman, MetroPlan Orlando
Mr. Alex Trauger, MetroPlan Orlando
Mr. Eric Hill, MetroPlan Orlando
Ms. Mary Ann Horne, MetroPlan Orlando
Ms. Taylor Laurent, MetroPlan Orlando
Mr. Mighk Wilson, MetroPlan Orlando
Ms. Adriana Rodriguez, MetroPlan Orlando
Mr. Jason Sartorio, MetroPlan Orlando
Mr. Slade Downs, MetroPlan Orlando
Ms. Lara Bouck, MetroPlan Orlando
Ms. Lisa Smith, MetroPlan Orlando
Ms. Rachel Frederick, MetroPlan Orlando

I. CALL TO ORDER

Chairman Brian Sanders called the meeting to order at 8:30 a.m. and welcomed everyone. Chairman Sanders detailed the meeting guidelines and the public comment procedures.

II. CHAIRS ANNOUNCEMENTS

None.

III. AGENDA REVIEW

Mr. Eric Hill noted the new addition of Agency Reports to the agenda for today and all future meetings. He announced that the 2024 Regional Transportation Survey had just launched, shared the link and QR code for members and requested responses before Memorial Day.

Mr. Hill highlighted the handouts at each seat today, including the Save-the-Date flyer for the Vision Zero Safety Speaker Series. He also noted the EV Readiness Study flyer and the workshops that will take place – dates to be confirmed. Also as a handout was the Transpo 2024 – Call for Abstracts, and Mr. Hill encouraged members to consider attending to present some of their work to their peers. Mr. Hill reminded members of the opportunity to attend the Operations Academy in Maryland.

He continued to share that signal retiming requests are now being accepted and advised members to submit those requests to Lara Bouck.

Finally, he alerted members that the TAC meeting will have a 2050 MTP presentation for all to attend and noted the handout of 2050 MTP Goals & Objectives at each seat.

Mr. Mighk Wilson presented this month's Safety Moments which focused on April – Distracted Driving, and May – Seat Belts. He shared that over 21,000 crashes are reported per year in the region, involving some form of distracted driving. Of those, 600+ result in serious injuries and 129 prove fatal. Mr. Wilson continued to demonstrate the value of an additional half second reaction time in coming to a stop and how much further a vehicle travels without the additional time, a consequence of distracted driving. Continuing to seatbelts – he stated there are approximately 80 fatal crashes per year in the Metro Orlando area, involving an unrestrained driver or passenger. Ten years ago, this accounted for 34% of fatalities, but currently it accounts for 54%. Mr. Wilson ended by stressing the importance of buckling up and paying attention.

IV. AGENCY REPORTS – FDOT

Ms. Amy Beckmann – FDOT, presented an update. She provided some updates on Seminole County projects in addition to the construction reports in the full agenda. Also, she noted some completed projects in Orange County and advised she had a report on lane closures available

if anyone would like to have those. She continued to share details of events, including 'Touch a Truck', a 'Rollin' and Strollin' event, and the inaugural Central Florida Safety Summit on May 17th.

V. ROLL CALL & CONFIRMATION OF QUORUM

Ms. Rachel Frederick conducted the roll call and confirmed there was a quorum.

VI. PUBLIC COMMENTS ON ACTION ITEMS

None.

VII. ACTION ITEMS

A. February 23, 2024, TSMO Meeting Minutes

Approval is requested of the meeting minutes for February 23, 2024.

MOTION: Ramon Seniorans moved to approve the February 23, 2024, TSMO meeting minutes, Hazem El-Assar seconded the motion. Motion passed unanimously.

B. & C. Organizational Public Participation Plan & 2050 MTP Public Participation Plan

Ms. Mary Ann Horne presented both the 2024 Organizational Public Participation Plan and the 2050 Metropolitan Transportation Plan - Public Participation Plan. She stated these are two plans with aligned goals, but separate missions, and both ensure they include the voice of the public. The public comment period for both plans has been open since March 15, 2024, promoted via various methods, and will close on May 10, 2024, exceeding the 45-day federally required comment period. Ms. Horne noted the reviews of previous plans and performance measures and looked to the U.S. Department of Transportation guidance on best practices. She shared much was learned during the pandemic, on the best ways to balance in-person and virtual engagement and the best ways to expand reach to include underserved communities and working with community-based organizations.

Ms. Horne shared the goals of The Organizational Public Participation Plan (PPP) and the objectives of the 2050 Metropolitan Transportation Plan - Public Participation Plan (MTP PPP).

Ms. Horne highlighted the form at each member's place, which asks members to recommend a group or organization who they think MetroPlan Orlando should engage with regarding transportation.

A motion to recommend the approval of MetroPlan Orlando's Public Participation Plan was requested.

MOTION B: Charlie Wetzel moved to recommend approval of MetroPlan Orlando's Public Participation Plan. Ramon Seniorans seconded the motion, which passed unanimously.

A motion was requested to recommend approval of the 2050 MTP public participation plan.

MOTION C: Phil Price moved to recommend approval of MetroPlan Orlando's 2050 MTP Public Participation Plan. Ramon Senorans seconded the motion, which passed unanimously.

D. Support for UPWP Submittal to FDOT

Mr. Alex Trauger presented for the third time on the FY 2025-26 UPWP which is now at the stage of requesting final approval at the MPO Board on May 8th. He shared some updates on the final version and recapped the estimated revenues and estimated pass-thru funding to LYNX.

MOTION: Hazam El-Azzar moved to approve support for the UPWP Submittal to FDOT. Jean Jreij seconded the motion, which passed unanimously.

VIII. PRESENTATIONS & STATUS REPORTS

A. Status Update on TSMO Master Plan.

Mr. Eric Hill gave the final presentation on the TSM&O Master Plan. Mr. Hill shared the history of the plan, and confirmed the projects documented in the Plan will now be incorporated into the 2050 MTP. After noting the goals, he detailed the plan development process, the project categories and shared the projects identified as top priorities in each of the three counties and the City of Orlando. In addition, he displayed the Intersection analysis of each area which highlighted desired intersection improvement locations.

Mr. Hill shared the path forward which included consideration of regional strategies and identifying synergies with the Active Transportation Plan, the Vision Zero Central Florida effort and acknowledgment of the role of Artificial Intelligence, a 'wild card' at this stage.

In conclusion, Mr. Hill shared that the TSMO Master Plan Summary Document and its appendices are available on the MetroPlan Orlando website. He encouraged members to review them and asked for any comments be provided to him by May 10th.

B. FDOT Regional Integrated Corridor Management System

Mr. David Williams - VHB, presented on the Regional Integrated Corridor Management System (R-ICMS). Mr. Williams stated that the software allows FDOT and partner agencies to treat transportation as a single system, increase the operational efficiency of the whole transportation network and maximize investments made along the corridor. He outlined the R-ICMS components which includes Integrated Multi-Agency Event Management to respond to events, a Decision Support System (DSS), which evaluates and recommends optimal response to events

along the I-4 corridor and supplies a Predictive Model of traffic up to 30 minutes in the future, to offer best diversion route, and finally a Signal Optimization Tool to determine which signals are farthest from being optimized and allows for run optimization.

Mr. Williams stated that multiple detour routes developed by FDOT and local agencies, have been predefined for each section of the I-4 which are held in a diversion route database, and these are assessed in real time traffic conditions. He noted that these diversion routes are then offered to operators at local agencies for approval when needed and then traffic is diverted when an event occurs.

Mr. Williams gave some background on converting the FDOT Regional Mesoscopic Planning Model (the engine behind the R-ICMS) to the Operational Predictive Model. He stated they pulled in the data from the Central Florida Regional Planning Model (CFRPM), which gives a 24-hour typical traffic model, and this was expanded to give a 365-day model. The model is then integrated with real time data, which uses live detection data, moves through a Quality Assurance process, and the data is then re-integrated back into the R-ICMS which results in predictions then being delivered. Mr. Williams presented an architectural view of the process. He also highlighted the model boundaries, shared some historical traffic data and patterns and other development and elements including updated road geometry and signal information. The model is then calibrated and is currently being updated to include 2024 data.

Mr. Williams noted the tool is a vehicle-based model being used as a signal optimization tool and can evaluate the effectiveness of TSM&O based projects that involve more operational strategies such as signal retiming and other operational adjustments. Mr. Williams noted that future enhancements may allow for sub-area selection and more granular key performance indicators that allow for an enhanced level of evaluation. He stated that this tool is available as a planning resource for projects and noted that for training attendees/viewers can reach out to himself or an FDOT contact.

In response to questions, it was confirmed the program is currently live and managed from the Regional Traffic Management Center in Sanford. A further question asked how a driver is alerted to a diversion route via navigation apps and Mr. Jeremy Dilmore responded advising that FDOT and the various mapping apps at times offer different diversion routes. Both entities are trying to understand each other's gaps, but at this stage do not currently offer a unified solution. Also confirmed was that transit options were fed into the data. In addition, it was noted the R-ICMS had been using predictive analytics since 2018, and the ongoing performance measures used were explained to understand the benefit/cost ratio.

Mr. Williams concluded by sharing the website [Florida Department of Transportation District Five \(cfismartroads.com\)](https://www.floridadot.com/district-five) where the R-ICMS can be found via the ICM button.

IX. COMMON PRESENTATIONS & STATUS REPORTS

The following common presentations were on the agenda for the Technical Advisory Committee meeting immediately following the TSMOAC meeting:

A. Vision Zero Status Update

Mr. Mighk Wilson
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Mr. Mighk Wilson, MetroPlan Orlando, will provide a presentation to update the committee on recent Vision Zero activities.

B. 2050 MTP Status Update (Tab 5)

Ms. Taylor Laurent, MetroPlan Orlando, will provide information on the 2050 Metropolitan Transportation Plan, which is now underway. More information is attached in Tab 5.

Ms. Taylor Laurent
MetroPlan Orlando

C. Active Transportation Plan

Ms. Kathrin Tellez, Fehr & Peers, will provide a presentation on the final steps of the Active Transportation Plan. The plan can be viewed at MetroPlanOrlando.gov/ATP.

Ms. Kathrin Tellez
MetroPlan Orlando

D. Transportation Systems Management & Operations Master Plan

Mr. Eric Hill, MetroPlan Orlando, will provide a presentation on the Transportation Systems Management & Operations (TSM&O) Master Plan. The plan can be viewed at MetroPlanOrlando.gov/TSMO.

Mr. Eric Hill
MetroPlan Orlando

X. GENERAL INFORMATION

- A. TIP Modification Letter** – A letter detailing administrative changes to the FY 2024 – 2028 Transportation Improvement Program was included for informational purposes.
- B. FDOT Monthly Construction Status Report** –The latest FDOT Monthly Construction Status Report for the MetroPlan Orlando area was enclosed for informational purposes.
- C. Highlights from March 13, 2024, MetroPlan Orlando Board Meeting** – A series of highlights and notable actions from the most recent MetroPlan Orlando Board Meeting.
- D. Air Quality Report** – The latest air quality report for the MetroPlan Orlando area was enclosed for informational purposes.
- E. LYNX Press Release** – A press release from LYNX was included for informational purposes.
- F. PD&E Tracking Status Report** – A report providing the latest status of the PD&E studies currently underway in the MetroPlan Orlando area was enclosed for informational purposes.
- G. Safety Speaker Series** – An informational flyer for the MetroPlan Orlando Safety Speaker Series, part of Vision Zero.

- H. **FDOT Safety Summit Flyer** – An informational flyer was provided for the inaugural FDOT District 5 Safety Summit, which will be held May 17, 2024.

- I. **Notice of Funding Opportunity** – The USDOT has announced a NOFO for the Multimodal Project Discretionary Grant. Applications are due May 6, 2024, and more information could be found in Tab 6 or at:
<https://www.transportation.gov/grants/multimodal-project-discretionary-grant-notice-funding-opportunity>.

- J. **Notice of Funding Opportunity** – The FHWA has announced a NOFO for the Active Transportation Infrastructure Investment Program (ATIIP). Applications are open until June 17, 2024, and more information could be found in Tab 6 or at:
https://www.fhwa.dot.gov/environment/bicycle_pedestrian/atiip/.

- K. **Info Flyer: PD&E Widen Florida’s Turnpike/SR 91 From SR 70 to SR 60**

XI. UPCOMING MEETINGS OF INTEREST

A list of selected upcoming meetings to be held at MetroPlan Orlando’s office. For more information and a full list of upcoming meetings: [MetroPlan Orlando Meeting Calendar](#)

- A. MetroPlan Orlando Board - May 8, 2024
- B. Transportation Disadvantaged Local Coordinating Board – May 16, 2024
- C. MetroPlan Orlando Safety Speaker Series – May 23, 2024
- D. LYNX Board (*at LYNX Central Station*) – May 23, 2024
- E. SunRail/CFCRC Board (*at LYNX Central Station*) – May 23, 2024
- F. Community Advisory Committee (CAC) – May 29, 2024
- G. Transportation Systems, Management, & Operations Committee (TSM&O) – May 31, 2024
- H. Technical Advisory Committee (TAC) – May 31, 2024
- I. 2050 MTP Technical Workshop (*Held Virtually*) – June 13, 2024
- J. Municipal Advisory Committee (MAC) – June 6, 2024

XII. MEMBER COMMENTS

None

XIII. PUBLIC COMMENTS (GENERAL)

None

XIV. ADJOURNMENT

Chairman Brian Sanders adjourned the meeting of the Transportation Systems Management & Operations Advisory Committee at 9:30 a.m. The meeting was recorded and transcribed by Ms. Rachel Frederick.

Approved this 31st day of May 2024



Mr. Brian Sanders, Chairman



Ms. Rachel Frederick,
Board Services Coordinator

As required by Section 286.0105, Florida Statutes, MetroPlan Orlando hereby notifies all interested parties that if a person decides to appeal any decision made by MetroPlan Orlando with respect to any matter considered at such meeting or hearing, he or she may need to ensure that a verbatim record is made to include the testimony and evidence upon which the appeal is to be based.