



metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP

**Transportation Systems Management and Operations (TSMO)
Advisory Committee**

MEETING MINUTES

DATE: Friday, May 31, 2024
TIME: 8:30 a.m.
LOCATION: MetroPlan Orlando
David L. Grovdahl Board Room
250 South Orange Avenue, Suite 200
Orlando, Florida 32801

Acting Chairman Shad Smith, Presiding

Members Present:

Mr. Lenny Barden, City of Altamonte Springs
Mr. Cameron Crandell for Mr. Naol Barkessa, City of St. Cloud
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
Ms. Louann Huynh (virtual) for Ms. Susan Hutson, UCF
Mr. Doug Jamison, LYNX
Mr. Jean Jreij, Seminole County
Mr. Steve Krug, City of Ocoee
Mr. Hong Lim, City of Winter Park
Mr. Phil Price, City of Belle Isle
Mr. Eric Porter for Ms. Lee Pulham, Central Florida Tourism Oversight District
Ms. Pam Richmond, City of Apopka

Mr. Brett Blackadar for Mr. Brian Sanders, Orange County
Mr. Shad Smith, City of Longwood
Mr. Nabil Muhaisen for Ms. Maria Tejera
Mr. Charlie Wetzel, Seminole County
Ms. Amy Martello for Mr. Jonathan Williams, City of Winter Garden
Mr. Gary Yeager, Osceola County
Mr. Tom Radzai for Mr. Paul Yeargain, City of Oviedo

Voting Members Absent:

Mr. Adam Mendenhall, City of Sandford
Mr. Butch Margraf, MPO Appointee
Mr. Ramon Senorans, Kissimmee Gateway Airport
Vacant, City of Orlando
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
Vacant, Town of Eatonville
Vacant, Town of Oakland
Vacant, Orange County CTST
Vacant, Osceola County CTST
Vacant, Seminole County CTST

Others in Attendance:

Ms. Amy Beckman, FDOT District 5
Mr. Siaso Fine, FTE
Mr. Gary Huttman, MetroPlan Orlando
Ms. Virginia Whittington, 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
Mr. Jason Sartorio, MetroPlan Orlando
Mr. Slade Downs, MetroPlan Orlando
Ms. Lisa Smith, MetroPlan Orlando
Ms. Rachel Frederick, MetroPlan Orlando

I. **CALL TO ORDER**

Mr. Eric Hill, MetroPlan Orlando – called the meeting to order, in the absence of the Chair and Vice-Chair who were unable to attend today. He explained that the bylaws provide guidance for this situation, and he made the recommendation of Mr. Shad Smith as the Chair for this meeting, requesting a motion from a member.

MOTION: Mr. Nabil Muhaisen moved to approve Mr. Shad Smith as Acting Chair for this meeting in the absence of Chair and Vice-Chair, Mr. Hazem El-Assar seconded the motion. Motion passed unanimously.

Acting Chairman Shad Smith called the meeting to order at 8:33 a.m. and welcomed everyone. Acting Chairman Shad Smith detailed the meeting guidelines and the public comment procedures.

II. **CHAIRS ANNOUNCEMENTS**

None.

III. **AGENDA REVIEW**

Mr. Eric Hill welcomed new members and alternates, including Ms. Louann Huyn from UCF, Mr. Eric Porter for Vice Chair Lee Pulham representing the Central Florida Tourism Oversight District, Mr. Nabil Muhaisen for Ms. Maria Tejera, City of Orlando, Ms. Amy Martello for Mr. Jonathan Williams, City of Winter Garden, Mr. Tom Radzai for Mr. Paul Yeargain, City of Oviedo and Mr. Brett Blackadar for Chair Brian Sanders, Orange County.

Mr. Eric Hill recognized and congratulated the City of Casselberry, Ms. Laura Hardwicke – City of Orlando and the Orange County Sheriff department who received awards at the FDOT Safety Summit on May 17th.

Mr. Hill reminded members of the Vision Zero Speaker Series which continues on June 4th and June 13th. He also noted the recent Vision Zero Speaker Series where Charles T. Brown presented and directed attendees to the link for the recording. [Charles T. Brown - Centering Safety and Equity - 5-23-2024 \(youtube.com\)](#)

Mr. Hill again asked for any additional groups/contacts who would be interested in seeing the MetroPlan Orlando MTP 2050 plan and offering their input. He also notified members of an Augmented Intelligence (AI) workshop on August 1st at the RTMC from 10 am – 12 noon, with more information to follow.

Mr. Mighk Wilson presented the Safety Moment for June, which is Motorcycle Safety Month. He stated that over 230 people are killed or seriously injured (KSI) per year in our region on motorcycles, with almost 50 resulting in a fatality. He shared the statistic that 30% of KSI's involve only the motorcycle and no other vehicle in comparison to cars and trucks where 17%

of crashes involve a single vehicle. He displayed data which showed percentages of motorcyclist crashes involving speeding or aggressive driving are very similar to those for auto & truck crashes.

Mr. Wilson reminded members of the 'Look Twice, Save a Life' phrase. He stated that 32% of motorcyclist KSI crashes are the result of vehicle drivers making a left turn, glancing left once and not spotting a motorcyclist or incorrectly gauging the speed at which they are travelling. In addition, Mr. Wilson reported that almost 20% of motorcyclist KSI crashes are a rear end incidents, where most involve a motorcyclist rear-ending another vehicle. He stated a less-skilled motorcyclist needs twice the braking distance of a car to come to a stop.

Finally, he noted that we are now entering the one hundred days of Summer, with a lot more inexperienced teen drivers on the roads and asked members to remind young drivers of the risks they may encounter.

IV. AGENCY REPORTS – FDOT

Ms. Amy Beckmann, FDOT, presented an update. She began by stating that emails referring to all maintenance resurfacing projects have gone out to those parties interested in partnering on such projects. She asked members who believe they should have, but have not received an email, to please reach out to Celine Bounds, FDOT staff, at Celine.Bounds@dot.state.fl.us.

Ms. Beckmann continued to share details of four upcoming events where public participation is encouraged, details of which would be sent to all members.

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. May 31, 2024, TSMO Meeting Minutes

Approval is requested of the meeting minutes for May 31, 2024.

MOTION: Hazem El-Assar moved to approve the May 31, 2024, TSMO meeting minutes, Phil Price seconded the motion. Motion passed unanimously.

B. FDOT Amendment to FY 2024 -2028

Mr. Jason Sartorio presented three TIP amendments as below:

- FM# 447610-1 - US 441 / SR 500 (Wadsworth Rd to Lake Co. Line) Resurfacing: increases construction funding in FY 2025 due to cost increases on materials
- FM# 443702-1 - SR 60 (Blanket Bay Slough to Peavine Trl) EB/WB Passing Lanes: Increases construction funding in FY 2025 due to cost increases on materials
- FM #423374-2: Turnpike/SR91 (N of SR 70 to N of SR 60) PD&E for widening: added as a small portion of the project is in Osceola County.

MOTION: Nabil Muhaisen moved to recommend approval of FDOT Amendments to FY 2024 - 2028 as presented. Phil Price seconded the motion, which passed unanimously.

C. Amendment to the 2045 Metropolitan Transportation Plan

Ms. Taylor Laurent presented on the 2045 Metropolitan Transportation Plan and its proposed revisions. She gave an overview of revisions which included:

- Complete Streets Phased Implementation Approach – where specific projects are being split into multiple phases which were all cost feasible.
- North Street Phase 1 Advancement – a change in funding as Seminole County were now using local funds to complete the project.
- FORWARD Orlando Discretionary Grant Award – the City of Orlando recently received the Safe Streets & Roads for all (SS4A) federal discretionary grant.
- Headwaters Trail from South of Nova Road to SR 528 – currently unfunded but to be eligible for funding, needs to be added to the MTP.
- Potential SunTrail Program Eligibility – Revised St. Andrew's Trail project description to identify its potential eligibility for SunTrail Program funding.
- Canoe Creek Road Cost Estimate Updates – to address cost overages and projected phase implementation.
- Osceola County Locally Funded Project Updates – at the request of Osceola County revisions were made for planning consistency.

Dr. Kelly Brock commented regarding the Winter Park Drive Complete Streets project. He stated that the intent is not to design all the phases now, but the current funds were being dedicated to phase one of the project. Ms. Laurent will amend the MTP.

MOTION: Hazem El-Azzar moved to approve support for the amendment to the 2045 Metropolitan Transportation Plan including the modification as detailed by Dr. Brock. Phil Price seconded the motion, which passed unanimously.

VIII. PRESENTATIONS & STATUS REPORTS

A. Preview of the FY 2025 – 2029 Transportation Improvement Program (TIP)

Mr. Jason Sartorio presented, firstly clarifying the background and different sections that make up the TIP. He stated there are eleven sections and 513 projects within that. Mr. Sartorio continued by highlighting some of the 513 projects that are funded throughout the next five years. He stated there is an estimated five-year funding total of \$5.4 billion and 280 of the projects are funded by Federal, State or Turnpike funds. Mr. Sartorio noted this does not include projects provided and funded by the Central Florida Expressway Authority and does not include the locally funded projects.

He continued to highlight the MetroPlan Orlando funded projects in the TIP of which there are 59 with an estimated five-year funding total of \$185 million. Mr. Sartorio detailed the next steps which included the draft TIP to be reviewed by FDOT and Agency partners, the virtual Public Meeting on June 18, and then preparation of the final document for adoption.

The TIP Public Meeting details were shared which will take place over Zoom on June 18th and members could register to attend on the MetroPlan Orlando website. [Transportation Improvement Program Virtual Public Meeting MetroPlan Orlando](#)

In conclusion, Mr. Sartorio shared MetroPlan Orlando's new TIP Online Viewer software that allows users to more easily find projects displayed on the map and by their chosen criteria. Future amendments will also be updated on the viewer.

Mr. Sartorio shared that the full document was available at the following link: <https://metroplanorlando.gov/wp-content/uploads/Draft-FY25-FY29-Transportation-Improvement-Program.pdf>

In response to a member question, it was confirmed that all projects within the TIP are presently 100% funded, however once a project gets nearer to PD&E stage, economic conditions may mean costs have increased and this may be evident when a project becomes phased.

B. Preview of the FY 2030 – 2040 Prioritized Projects List (PPL)

Mr. Slade Downs presented the preview of the annual Prioritized Project List update. He shared the background to the PPL, describing it as the bridge between the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Plan (TIP). Mr. Downs confirmed that it is updated annually and contains a list of federally and state funded projects.

He continued to detail the approach and considerations, and also the funding programs and priority list. Mr. Downs shared an overview of each of the programs and highlighted some of the priorities. He confirmed that the full document is available on the following link: https://metroplanorlando.gov/wp-content/uploads/MetroPlanOrlando_PPL_2030-2040_DRAFT.pdf

Mr. Downs noted the next steps which are to present to the remaining Advisory Committees and

the Board, requesting feedback by June 7th, 2024. He stated that he will be returning in the next cycle of meetings with a request for approval of the PPL with the final request for approval being at the MetroPlan Orlando Board meeting on July 10th.

Acting Chair Shad Smith identified that some of the jurisdictions listed for Longwood are not showing correctly. Mr. Downs requested he send an email with any necessary amendments which would then be incorporated into the PPL. Also queried were the estimated costs of some of the projects, and it was confirmed all costs listed are preliminary planning level cost estimates directly from the 2045 MTP. Detailed construction cost estimates are not included at this stage; however, the cost estimates are updated frequently as each project approaches its scheduled start date.

It was noted that the projects can be seen on the 2045 data viewer online:
[Data Viewer | MetroPlan Orlando](#)

C. Presentation on SR 516 Lake/Orange Expressway Project

Mr. Bryan Homayouni, P.E., CFX staff presented on the SR 516 Lake/Orange Expressway Project in Lake and Orange counties, firstly sharing a video, showing the groundbreaking event which took place on April 4, 2024.

Mr. Homayouni noted the project is an east/west connection from SR 429 in Orange County to US 27 in Lake County. Having been studied for 20 years now, this project is a 5-mile limited access expressway and is designed in three segments. Segment 1 extends from US 27 to Cook Road designed by HDR, segment 2 from Cook Road to the Orange County line designed by BCC Engineering and segment 3 from the Orange County line to SR 429 and is being designed by DRMP.

Mr. Homayouni shared that in the spirit of the Wellness Way Area Plan, staff were challenged to incorporate sustainability in all elements of the design phase. He stated that several key elements were incorporated including a wildlife crossing and solar arrays – with the intent of offsetting 100% of power consumption from the lighting, toll systems and ITS systems on the corridor. A public trail was also included and once construction is complete there will be landscaping of Florida friendly plants with a heavy focus on pollinators. He also noted that they are pursuing a Platinum Level Envision Certification. He confirmed that CSX also partnered with ASPIRE (Advancing Sustainability through Powered Infrastructure for Roadway Electrification) to incorporate the dynamic wireless power transfer pilot study. These efforts combine to make SR 516 the most sustainable project provided by CFX to date.

He stated that segment 1 of the project will include dynamic wireless charging which is approximately a half to three quarters of a mile section – one lane west bound - starting at Cook Road. Mr. Homayouni confirmed the pilot team consists of ASPIRE and ENRX and detailed the pilot technology used, which will include a receiver pad on the vehicle to receive the charge. He noted that the CFX Design Team have been working with the pilot team for the last eighteen months to identify and develop a construction means to incorporating the charging system into the constructed roadway. The first prototype was reviewed in September 2023 and Mr. Homayouni detailed the concrete panels that will house the wireless technology, and confirmed

the testing was very successful. He shared the Orange County project (segment 3) had been awarded already and Segments 1 and 2 will be advertised for construction bid in Spring/Summer of 2025, with the construction of the total project and road opening planned in 2028.

Member questions included what the percentage charge is expected to be from the half mile road and in response it was intended that the vehicle would use the road without losing any charge and gaining the same as travelled. Also asked, if there are any future plans to connect SR 516 and SR 528 – the response being that the 2045 Master Plan would need to be referred to.

In response to a question regarding cost, it was noted that this is a prototype and in addition each vehicle would need to install a receiving pad underneath, which currently is not available to the general public. One commenter noted that it is believed this will be the first project of its kind in the state, another thought that the Turnpike and other states were looking at similar technologies as test bed pilots. Mr. Homayouni noted that ASPIRE are working with many partners and DOTs throughout the US so that team would have a handle on most projects of this nature.

To confirm, Mr. Homayouni stated that for a vehicle to receive a charge it would need to be travelling at highway speeds. In response to a question regarding maintenance of the road surface, he commented it is hoped that only the surface would need to be replaced and not the coils underneath, as demonstrated by a project ENRX worked on where they have not had to provide any coil maintenance for 10 to 15 years to date. He also noted that the Florida climate will be a good test for this pilot as other locations so far have been in very different climates. Mr. Homayouni also confirmed that it is believed the half mile charging is enough, and following the pilot data will be available from the charging pad on each vehicle to back up this belief.

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

Mr. Mighk Wilson
MetroPlan Orlando

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.

Ms. Taylor Laurent
MetroPlan Orlando

X. GENERAL INFORMATION

- A. **FDOT Monthly Construction Status Report** –The latest FDOT Monthly Construction Status Report for the MetroPlan Orlando area was enclosed for information purposes.
- B. **Highlights from May 8, 2024, MetroPlan Orlando Board Meeting** – A series of highlights and notable actions from the most recent MetroPlan Orlando Board Meeting.
- C. **Air Quality Report** – The latest air quality report for the MetroPlan Orlando area was enclosed for information purposes.
- D. **Bicycle and Pedestrian Report** – A report on bicycle and pedestrian projects in the MetroPlan Orlando region was enclosed for information purposes.
- E. **LYNX Press Releases** – Two press releases from LYNX were included for informational purposes.
- F. **2050 MTP Status Update** – Information was provided to illustrate ongoing work related to the 2050 MTP.
- G. **Safety Speaker Series** – An informational flyer for the MetroPlan Orlando Safety Speaker Series, part of Vision Zero.
- H. **NHTSA Finalizes Key Safety Rule to Reduce Crashes and Save Lives** – The National Highway Traffic Safety Administration (NHTSA) has finalized a new Federal Motor Vehicle Safety Standard that will make automatic emergency braking (AEB), including pedestrian AEB, standard on all passenger cars and light trucks by September 2029. For more information, visit <https://www.nhtsa.gov/press-releases/nhtsa-fmvss-127-automatic-emergency-braking-reduce-crashes>.
- J. **Planning Academy 101** – Orlando Metro Section of the Florida APA is hosting Planning Academy 101 to show the basics of the planning field on June 7th, 2024. A flyer is provided for more information on registration and the event.
- K. **Info Flyer: The Federal Highway Administration: Training Options for Pedestrian and Bicyclist Safety Focus States and Planning Organizations**
- L. **Technical Memorandum: Central Florida Regional Planning Model v8 Socioeconomic Data Review Comments**

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 – June 12, 2024
- B. MetroPlan Orlando Safety Speaker Series – June 13, 2024
- C. **2050 MTP Technical Workshop (Held Virtually) – June 13, 2024**
- D. TIP Virtual Public Meeting – June 18, 2024
- E. Community Advisory Committee (CAC) – June 26, 2024
- F. LYNX Board (at LYNX Central Station) – June 27, 2024
- G. SunRail/CFCRC Board (at LYNX Central Station) – June 27, 2024
- H. Municipal Advisory Committee (MAC) – June 27, 2024
- J. **Transportation Systems, Management, & Operations Committee (TSM&O) – June 28, 2024**
- K. Technical Advisory Committee (TAC) – June 28, 2024
- L. Transportation Disadvantaged Local Coordinating Board – August 8, 2024

XII. MEMBER COMMENTS

None

XIII. PUBLIC COMMENTS (GENERAL)

None

XIV. ADJOURNMENT

Acting Chair adjourned the meeting of the Transportation Systems Management & Operations Advisory Committee at 9:44 a.m. The meeting was recorded and transcribed by Ms. Rachel Frederick.

Approved this 28th day of June 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.