



Transportation Systems Management and Operations (TSMO)
Advisory Committee

MEETING MINUTES

DATE: Friday, May 25, 2018
TIME: 8:30 a.m.
LOCATION: MetroPlan Orlando
David L. Grovdahl Board Room
250 South Orange Avenue
Suite 200
Orlando, Florida 32801

Chairman Kelly Brock, Presiding

Voting Members Present:

Mr. Brett Blackadar, Altamonte Springs
Mr. Benton Bonney, City of Orlando
Mr. Cade Braud, City of Orlando
Mr. Kelly Brock, City of Casselberry
Mr. Michael Cash, City of Sanford
Mr. Jay Davoll, City of Apopka
Mr. Hazem El-Assar, Orange County
Mr. Kevin Felblinger, City of St. Cloud
Mr. Steve Krug, City of Ocoee
Mr. Bryant Smith for Brian Fields, City of Winter Springs
Mr. Brad Friel, GOAA
Mr. Bryan Homayouni, Central Florida Expressway Authority
Ms. Nichole Hugues, MetroPlan Orlando, TSMO Community Advocate
Mr. Craig Bayard for Doug Jamison, LYNX
Mr. Jean Jreij, Seminole County

Mr. Alex Laffey, Osceola County
Mr. Nabil Muhaisen, City of Kissimmee
Ms. Tawny Olore, Osceola County
Ms. Lee Pulham, Reedy Creek Improvement District
Mr. Brian Sanders, Orange County
Mr. Randy Schrader, City of Kissimmee
Mr. Ramon Senorans, Kissimmee Gateway Airport
Mr. Chris Kitner for Shad Smith, City of Longwood
Mr. Frank Consoli for Charlie Wetzell, Seminole County

Voting Members Absent:

Ms. Krystal Clem, City of Lake Mary
Mr. Donald Marcotte, City of Winter Park
Mr. John Peters, City of Maitland

Non-Voting Members/Advisors Present:

Ms. H. Walker for Eric Gordin, FTE
Mr. Glen Hammer, Osceola County Public Schools
Lt. Brad McDaniel for Lt. Pete Brenenstuhl, Seminole County Sheriff's Office

Non-Voting Members/Advisors Absent:

Mayor Ray Bagshaw, City of Edgewood
Ms. Susan Hutson, UCF
Councilman Robert McKinley, Town of Windermere
Vacant, Orange County CTST

Others in Attendance:

Mr. Jim Martin, FTE
Ms. Kellie Smith, FDOT
Mr. Eric Hill, MetroPlan Orlando
Ms. Lisa Smith, MetroPlan Orlando

I. Call to Order

Chairman Kelly Brock called the meeting to order at 8:30 a.m. and welcomed everyone.

II. Confirmation of Quorum

Ms. Lisa Smith confirmed the presence of a quorum.

III. Agenda Review/Staff Follow-Up

Mr. Hill requested that an additional discussion item be added under the presentations and status reports to discuss the topic of local agencies readiness for connected and autonomous vehicles. There were no other changes to the agenda.

IV. Public Comments on Action Items

None

V. Action Items

A. Approval of the April 27, 2018 TSMO Meeting Minutes

Approval is requested of the April 27, 2018 meeting minutes.

MOTION: Mr. Jay Davoll moved approval of the April 27, 2018 meeting minutes. Mr. Hazem El-Assar seconded the motion, which passed unanimously.

B. FDOT Amendment to FY 2017/18 - 2021/22 TIP

Mr. Keith Caskey, MetroPlan Orlando staff, requested that the TSMOAC recommend that the FY 2017/18 - 2021/22 TIP be amended to include a project on State Road 60 in Osceola County from Grape Hammock Road to East of Kissimmee River Bridge for additional lanes and a reconstruct project. The TSMOAC members were provided a letter from FDOT explaining the amendment request, along with a fact sheet prepared by MetroPlan Orlando staff and the draft resolution to be presented at the June 13th Board meeting.

MOTION: Mr. Nabil Muhaisen moved final approval of the FY 2017/18-2021/22 TIP. Mr. Cade Braud seconded the motion, which passed unanimously.

C. Approval of Transportation Performance Measures

Mr. Nick Lepp, MetroPlan Orlando staff, requested that the TSMOAC recommend approval of MetroPlan Orlando's transportation performance measures. A hand-out was provided to TSMOAC members at the meeting for further review of jurisdictional projects.

MOTION: Mr. Cade Braud moved approval of the Transportation Performance Measures. Mr. Nabil Muhaisen seconded the motion, which passed unanimously.

VI. Presentation and Status Reports

A. Presentation on Using Artificial Intelligence in Traffic Management, Dr. Mohamed Abdel-Aty, P.E., University of Central Florida

Dr. Mohamed Abdel-Aty, University of Central Florida, gave a presentation detailing the research that UCF has been conducting using big data in safety and operation in the development of real time traffic applications. Dr. Aty explained that there are challenges in the transportation system ranging from increase in travel demand, growth in congestion, and the need to improve safety with the reality of limited resources. He detailed their efforts for more Pro-Active Traffic Management to dynamically manage recurrent and non-recurrent congestion based on prevailing traffic

conditions with the collection and processing of very large data sets, what is currently known as "Big Data." Dr. Aty explained that processing this large data requires different analytical and data mining techniques. He responded to questions and concerns raised by TSMOAC members.

B. Readiness for Connected and Autonomous Vehicles

Mr. Hill revisited the topic of cyber security and local agency readiness that was briefly discussed at the April meeting. Mr. Hill said that he feels that the TSMOAC is the body to take an in-depth look at this topic from a regional perspective. He explained that as a region, the Committee needs to address if the right infrastructure is being built and in place for connected and autonomous vehicles and future proofing the system to protect the investments made in the emerging technology. Mr. Hill noted that the ITS Master Plan touched upon this topic. He added that in a recent Central Florida AV Partnership meeting, it was discovered that Central Florida Expressway has already begun to address this topic internally; and additionally Florida's Turnpike Enterprise will soon begin to study its readiness. Mr. El-Assar stated that he agrees that it is important as IT professionals to be able to protect the networks, and eventually the connection to the vehicles. He is in favor of further studying this topic as a body. He added that he feels that cyber security is a topic that could be explored on its own. Mr. Bonney agreed. He said that many entities are already starting to roll out some Connected Vehicle technologies and the need is there to have the proper technology and protections in place. He said that in addition to technology, other topics that are worthy of discussion are funding and workforce readiness. Ms. Olore stated that she feels that in addition to cyber security, current infrastructure and readiness, it is important to include the PD&E phase in the overall discussion. She explained that allows for the necessary technology to be clearly stated at the beginning stages of a proposed project. Mr. Homayouni agreed that it is a good idea to develop a regional needs assessment. Consensus was that for the June meeting, staff will put together a procedural outline that will include the topics of cyber security, work force funding, land use and other potential target topics encompassed under the readiness umbrella that may not have been touched upon at the meeting.

VII. Common Presentations/Status Reports (Presentations will be made at the TAC meeting)

A. Preview of FY 2018/19 - 2022/23 Transportation Improvement Program

Mr. Keith Caskey, MetroPlan Orlando staff, presented a preview of the new FY 2018/19 – 2022/23 Transportation Improvement Program (TIP). Copies of the FDOT highway, TSMO, bicycle and pedestrian, transit and commuter rail sections of the TIP were provided. A copy of the FY 2022/23 – 2039/40 Prioritized Project List (PPL) that was adopted last year and has been updated to highlight the latest project phases that have been funded based on the new TIP is also provided. The TIP will be presented for approval at the June 22nd TAC and TSMO meetings.

B. Status Report on 2023/24 - 2039/40 Prioritized Project List

Mr. Nick Lepp, MetroPlan Orlando staff, presented a status report on the new FY 2023/24 – 2039/40 PPL for information purposes. This year, the PPL must be submitted to FDOT in September and will be presented to the committees and Board for approval in the August/September committee and Board meetings.

VIII. General Information

A. FDOT Monthly Construction Status Report

The latest FDOT Monthly Construction Status Report for the Orlando area was provided for information purposes.

B. Air Quality Report

The latest air quality report for the MetroPlan Orlando area was provided for information purposes.

C. MetroPlan Orlando Board Highlights

A copy of the May 9, 2018 Board Meeting Highlights was provided for information purposes.

D. LYNX Press Releases

A set of press releases from LYNX was provided for information purposes.

IX. Upcoming Meetings of Interest to TSMOAC Members

A. Public Hearing for FY 2018/19 - 2022/23 TIP

A public hearing to review the FY 2018/19 – 2022/23 TIP will be held on Monday, June 11, 2018 in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando, FL 32801. Maps will be available for review at 5:30 p.m. and the public hearing will begin at 6:00 p.m.

B. *Next MPO Board Meeting*

The next MetroPlan Orlando Board meeting will be held on June 13, 2018, at 9:00 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando, FL 32801.

C. Next TSMO Meeting

The next TSMO meeting will be held on June 22, 2018 at 8:30 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando, FL 32801.

X. Other Business

None.

XI. Public Comments (General)

None.

XII. Adjournment

Due to time being available, committee members were asked to report on any news of interest to TSMO members in their local jurisdiction.

There being no further business, Chairman Brock adjourned the meeting of the Transportation Systems Management & Operations Advisory Committee at 9:50 a.m. The meeting was recorded and transcribed by Ms. Lisa Smith.

Approved this 22nd day of June, 2018



Mr. Kelly Brock, Chairman



Ms. Lisa Smith, 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.