



Transportation Systems Management and Operations (TSMO)  
Advisory Committee

MEETING NOTICE

**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

AGENDA

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*Chairman Kelly Brock, Presiding*

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*(Wi-Fi network = MpoBoardRoom, password = mpoaccess)*

- I. Call to Order – Chairman Kelly Brock
- II. Confirmation of Quorum – Ms. Lisa Smith
- III. Agenda Review/Staff Follow-Up – Mr. Eric Hill
- IV. Public Comments on Action Items

Comments from the public will be heard pertaining to items on the agenda for this meeting. People wishing to speak must complete a “Speakers Introduction Card” at the reception desk. Each speaker is limited to two minutes.

## V. Action Items

### A. Approval of the April 27, 2018 TSMO Meeting Minutes (Tab 1)

Approval is requested of the April 27, 2018 meeting minutes provided in **Tab 1**.

### B. *FDOT Amendment to FY 2017/18 - 2021/22 TIP* (Tab 2)

Mr. Keith Caskey, MetroPlan Orlando staff, is requesting the TSMO to recommend that the FY 2017/18 - 2021/22 TIP be amended to include a project on SR 60 in Osceola County. A letter from FDOT explaining the amendment request is provided in **Tab 2**, along with a fact sheet prepared by MetroPlan Orlando staff and the draft resolution to be presented at the June 13<sup>th</sup> Board meeting.

### C. Approval of Transportation Performance Measures (Tab 3)

Mr. Nick Lepp, MetroPlan Orlando staff, is requesting the TSMO to recommend approval of MetroPlan Orlando's transportation performance measures. An attachment is provided at **Tab 3**.

## VI. Presentation and Status Reports

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

The challenges in the transportation system are many, ranging from increase in travel demand, growth in congestion, need to improve safety to the reality of limited resources. Thus there is a need for more Pro-Active Traffic Management to dynamically manage recurrent and non-recurrent congestion based on prevailing traffic conditions. The transportation field is witnessing substantial changes and enormous potential with the collection and processing of very large data sets, what is currently known as "Big Data". Processing this large data requires different analytical and data mining techniques. This speech presents several concepts and examples of using big data analytics. Dr. Abdel-Aty presents examples from many projects currently ongoing at the University of Central Florida. These projects deal with applications of big data analytics in safety and operation. The speech shows examples of UCF research using big data in safety and operation. The key conclusion is the development of real time applications.

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

### A. Preview of FY 2018/19 - 2022/23 Transportation Improvement Program (Tab 4)

Mr. Keith Caskey, MetroPlan Orlando staff, will present 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 are provided at **Tab 4**. 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 22<sup>nd</sup> TAC and TSMO meetings.

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

Mr. Nick Lepp, MetroPlan Orlando staff, will present 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

(Tab 5)

### A. FDOT Monthly Construction Status Report

The latest FDOT Monthly Construction Status Report for the Orlando area is enclosed for information purposes.

### B. Air Quality Report

The latest air quality report for the MetroPlan Orlando area is enclosed for information purposes.

### C. MetroPlan Orlando Board Highlights

A copy of the May 9, 2018 Board Meeting Highlights is enclosed for information purposes.

### D. LYNX Press Releases

A set of press releases from LYNX is enclosed for information purposes.

## IX. Upcoming Meetings of Interest to TSMO 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. As a reminder, the dates of the remaining TSMOC meetings during 2018 will be:

8/24/18

10/26/18

11/30/18

## X. Other Business

## XI. Public Comments (General)

## XII. Adjournment

*In accordance with the Americans with Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodations to participate in this proceeding, he or she should contact Ms. Lisa Smith, MetroPlan Orlando, Park Building, 250 S. Orange Avenue, Suite 200, Orlando, Florida, 32801 or by telephone at (407) 481-5672 x307 at least three business days prior to the event. Persons who require translation services, which are provided at no cost, should contact MetroPlan Orlando at (407) 481-5672 x307 or by email at lsmith@metroplanorlando.org at least three business days prior to the event. 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.*