

**Florida MPO Advisory Council
Meeting of the Staff Directors
June 7, 2018
Orlando, Florida
Meeting Minutes**

Staff Directors in Attendance:

Greg Stuart, Chair, Broward County MPO
Lois Bollenback, Vice Chair, River to Sea MPO
Dawn Schwartz, Bay County TPO
Greg Slay, Capital Region TPA
Gary Harrell, Charlotte County - Punta Gorda MPO
Anne McLaughlin, Collier County MPO
Austin Mount, Florida-Alabama TPO
Whit Blanton, Forward Pinellas
Michael Escalante, Gainesville MTPO
Pat Steed, Heartland TPO
Steve Diez, Hernando/Citrus County MPO
Beth Alden, Hillsborough County MPO
Phil Matson, Indian River County MPO
Michael Woods, Lake-Sumter MPO
Beth Beltran, Martin MPO
Harold Barley, MetroPlan Orlando
Carlos Roa, Miami-Dade TPO
Denise Bunnewith, North Florida TPO
Mike Daniels, Ocala/Marion County TPO
Mary Beth Washnock, Okaloosa-Walton TPO
Nick Uhren, Palm Beach TPA
Ronnie Blackshear, Polk TPO
Dave Hutchinson, Sarasota/Manatee MPO
Georganna Gillette, Space Coast TPO
Peter Buchwald, St. Lucie TPO

OTHERS IN ATTENDANCE:

Carl Mikyska, MPOAC
Brigitte Messina, MPOAC
Paul Gougelman, MPOAC General Counsel
Jeff Kramer, Center for Urban Transportation Research, USF
Christen Miller, Center for Urban Transportation Research, USF
Stacie Blizzard, Florida Division, Federal Highway Administration

Karen Brunelle, Florida Division, Federal Highway Administration
Alex Gramovot, Florida Department of Transportation, Office of Policy Planning
Mark Reichert, Florida Department of Transportation, Office of Policy Planning
Jim Wood, Florida Department of Transportation, Office of Policy Planning
Conor Campobasso, Broward MPO
Paul Flavien, Broward MPO
Daniel Knickelbein, Broward MPO
Marybeth Soderstrom, Heartland TPO
Gary Huttman, MetroPlan Orlando
Terry V. Watson, Florida Department of Transportation, Equal Opportunity Office
Kayleen Hamilton, Florida Department of Transportation, D5
Jamie Kersey, Florida Department of Transportation, D5
Kellie Smith, Florida Department of Transportation, D5
Janna Taylor, Florida Department of Transportation, D5
Vickie Wyche, Florida Department of Transportation, D5
Chris Edmonston, Florida Department of Transportation, Systems Implementation Office
Carol Scott, Florida Turnpike Enterprise
Jim Martin, Florida Turnpike Enterprise
Sheri Coven, Cambridge Systematics
Michael Williamson, Cambridge Systematics
Alex Trauger, HDR
Dan Beaty, HNTB Corporation
Mary Schoelzel, HNTB Corporation
Rob Cursey, Tindale-Oliver
Todd Brauer, Whitehouse Group Inc.
Daniel Crotty, Whitehouse Group Inc.

• **CALL TO ORDER**

Greg Stuart, Chair, Broward MPO, called the meeting to order at 12:12 pm. The Chair welcomed those in attendance and self-introductions were made. All stood for the Pledge of Allegiance.

• **APPROVAL OF MINUTES: FEBRUARY 01, 2018 MEETING**

Greg Slay, Capital Region TPA, moved to approve the minutes of the February 01, 2018 Staff Director's Advisory Committee meeting. Lois Bollenback, River to Sea TPO, seconded. The motion carried unanimously.

- PUBLIC COMMENTS

No public comments were made.

- EXECUTIVE DIRECTOR'S REPORT AGENCY REPORTS

- A. UPWP REPORT

Mr. Carl Mikyska, MPOAC Executive Director, presented the UPWP Report for the current fiscal year through March 31, 2018 timeframe and a list of activities of MPOAC from January through May of 2018.

Mr. Mikyska noted that it was a very busy legislative period because of a proposal (HB 575) which would have, had it passed, impacted MPO Governing Board structures in a variety of ways. Mr. Mikyska thanked the Florida Department of Transportation (FDOT) and the Federal Highway Administration (FHWA) for their support during the legislative session.

Mr. Mikyska thanked Jeff Kramer and the Center for Urban Transportation Research (CUTR) team for conducting two successful MPOAC Weekend Institutes for Elected Officials. The Institutes provided MPO board members with an opportunity to enhance their understanding and leadership skills regarding transportation decision-making, including the key role they play in the process.

Mr. Mikyska mentioned that expenses are currently running slightly under budget. The MPOAC is on track to finish the year at or under budget.

- B. FLORIDA LEGISLATIVE UPDATE

Mr. Carl Mikyska, MPOAC Executive Director, gave an overview of the completed 2018 Florida legislative session. There were 3,192 bills filed during the 2018 legislative session and 200 bills passed chambers. The Governor vetoed 2 bills. Very few bills that passed were related to transportation. These bills included the following topics:

- Facility specific
- Auto-cycles
- Mobile Carriers
- Ingress/Egress with Universities

Mr. Mikyska continued by giving a quick overview of the Transportation Budget:

- \$10.8 billion total in the FDOT 5-Year Work Program
 - \$9.8 billion for projects and activities
 - \$780 million for operating expenses
 - \$201 million for debt service
- HB 575 – “The MPO Bill” – primarily related to MPO Governing Board structures

Mr. Mikyska talked about HB 575 and how it was an unexpected billed. Every time there was a change made to the bill, it changed how it could affect Florida MPOs. The MPOAC Policy and Technical Committee will conduct a more exhaustive review of the 2018 Florida Legislative Session and transportation related issues at their meeting in July 2018. The results of their meeting/workshop will be reported to the MPOAC Staff Directors’ Committee and Governing Board at their August 02, 2018 meetings.

- HB 575, had it been approved, would have revised MPO Governing Board structures in a variety of ways including capping voting membership, regulating County Commission membership, imposing term limits, changed reappointment provisions, and more

Michael Escalante, Gainesville MTPO, expressed concern that the legislators could place constraints on MPOs in the future. Mr. Mikyska responded by stating that the MPOAC needs to develop a strategy to better communicate with legislators and others the value MPO services provide to the state and regions.

• AGENCY REPORTS

A. FLORIDA DEPARTMENT OF TRANSPORTATION

Mr. Mark Reichert, Transportation Planning Manager, FDOT Office of Policy Planning, updated the members on FDOT activities and brought forward information on the following topics:

- MPO autonomous vehicle guidance document developed by FDOT.
- Working with CUTR on an Autonomous Vehicle and Alternative Fuel Vehicle Florida Market Penetration Rate and VMT assessment study. FDOT has received the first two deliverables in draft form and FDOT is willing to share these deliverables with any interested MPOs.
- Another study on MPO Policy and Guidance for Transit Applications on Autonomous Vehicles is being conducted by the University of Florida. The final report is due in August 2018.

- FDOT is also working on a Future Mobility Syntheses that is reviewing the global literature on autonomous vehicles and connected vehicles. FDOT plans to present their findings to the MPOs during the August MPOAC meetings.
- CUTR is conducting a research study on MPO and Transit Agency Coordination. FDOT has received the draft of the literature review.

Federal transportation performance measures:

- FDOT has provided suggested language for safety performance measures that MPOs can use in their Transportation Improvement Programs (TIPs). Mr. Reichert congratulated Lois Bollenback, River to Sea TPO, for her MPOs TIP and said that other MPOs can look at River to Sea TPO's TIP as an example when completing their own TIP.
- FDOT is working to create suggested language for the Pavement and Bridge and the Mobility performance measures that MPOs can use in their TIP and Long Range Transportation Plan (LRTP) updates.
- Safety performance targets were set by February 27, 2018. All but 8 MPOs chose to support the statewide safety targets. The other 8 MPOs chose to set their own quantifiable targets.
- The Pavement and Bridge and the Mobility performance measure targets were set for the state on May 18, 2018. MPOs have 180 days, or until November 14, 2018, to set their own performance targets for the Pavement and Bridge and Mobility performance measures with the option to adopt FDOTs targets or to set their own quantifiable targets.
- FHWA permitted FDOT to develop a single agreement document on how FDOT and FHWA will work collaboratively towards setting the targets, developing the data, and reporting the progress towards meeting the transportation performance targets. The document was submitted May 25, 2018.
- A few MPOs have requested that FDOT release raw data that was collected for the Bridge and Pavement performance measures. Mr. Reichert asked how many MPOs were interested in seeing the data. Six MPOs indicated that they were interested in receiving the data.
- The Annual Joint Certification Process was revamped. Alex Gramovot, FDOT, Office of Policy Planning, added that FDOT will be putting together a task team to look at the process and comments received to strengthen the process. He encouraged MPOs to share their feedback so that additional improvements could be made to the process in the future.
- Federal Infrastructure Bill: The approved appropriations bill provides \$47.5 billion in project funding for the FWHA and includes another transfer of \$2.5 billion from the general fund to help keep Federal Highway Trust Fund solvent.

- The BUILD program, formally known as the TIGER grants program, went from \$500 million to \$1.5 billion. The funding notice for the BUILD program went out May 22, 2018 and applications for the grants must be received by August 20, 2018. Grant awards will be announced December 18, 2018. There is a maximum grant size of \$25 million and a minimum grant size of \$5 million with a maximum federal share of 80%. Of the total funds provided from the grant program, 30% are being set aside for rural areas.
- On May 8, 2018 the White House announced their spending cut proposals. Of the \$15.3 billion in total proposed spending cuts, just \$279 million would come from transportation. Most of the transportation funding cuts would come from the elimination of dead earmarks, with an impact to Florida of roughly \$1.8 million.
- Continuing the successful meeting last October 2017 in Tallahassee between FDOT and MPOAC leadership (including the MPOAC Executive Director and the Chair and Vice-Chair of the MPOAC Staff Directors' Advisory Committee), another MPOAC Leadership meeting was held April 23-23, 2018. The purpose of the meetings is to talk about issues that have come up over the year. The next meeting will be on October 25-26, 2018 in Tallahassee.
- FDOT is working with FHWA on a proposed Consolidated Grant Program for federal MPO planning funds. The goal is to consolidate the Federal Transit Administration (FTA) and the FHWA planning grant into a single grant. If approved, it will allow the state to provide support for both highway and transit planning activities in a single grant and create a more streamlined process.
- The LRTP revenue forecasts have been completed. The forecasts were presented to FDOT MPO Liaisons during their recent meeting in Tallahassee. FDOT will be sharing more information with the MPOs at the July MPOAC Policy and Technical Committee meeting in St. Petersburg, FL.
- While currently functional, FDOT is still in the process of working with a consultant to finalize the MPO external share point site. The share point site will act as a repository for MPOs plans, documents and other information of shared value to Florida's MPOs.
- The next Florida Metropolitan Planning Partnership meeting will be held in Orlando on December 11-12, 2018.
- A peer exchange, "Focus on Community", will be held at the Rosen Plaza Orlando Hotel on December 12-13, 2018. Focus on Community aims to build competencies and sensitivities that help practitioners reveal and address considerations and opportunities relative to public involvement, long-range planning, project planning, sociocultural effects evaluation, and Title VI/Environmental Justice programs.
- The 6th Annual Florida Automated Vehicle Summit will be held November 27-26, 2018 at the Marriott Waterside in Tampa.

Denise Bunnewith, North Florida TPO, thanked FDOT for the research projects. Ms. Bunnewith then asked if the department has a project prioritization process for the programming of Safety, Bridge and Pavement projects in the FDOT Work Program and if there is a written processes that can be shared with the MPOs. Chris Edmonston, FDOT Systems Implementation Office, replied that FDOT has put a document together called Prioritizing Florida Highway Projects. The document will be updated to include the new targets and can be found on the Strategic Intermodal System (SIS) website.

Mr. Reichert then introduced Mr. Chris Edmonston, FDOT Systems Implementation Office, who made a presentation about the SIS Designation Criteria update.

The Florida Transportation Plan (FTP) and SIS Policy Plan were updated together in a single update process. The SIS Policy Plan supports all seven FTP Goals, but focuses specifically on three core SIS Objectives including interregional connectivity, intermodal connectivity, and economic development.

In an effort to more effectively implement the updated SIS Policy Plan, the FDOT is now in the process of updating the SIS designation criteria, including revising the current SIS structure. Mr. Edmonston described how the SIS structure has changed over time, including the addition of five new facility types, and how the existing SIS facility categories became harder to work with. As a result, FDOT is proposing a new SIS structure as part of the designation criteria update.

The proposed new SIS structure does away with the existing three SIS categories (SIS, Emerging SIS, and Planned Add/Drop) and instead designates all facilities as either SIS facilities or “Strategic Growth” facilities, a category that is intended to serve small, fast growing facilities that present a compelling state interest (especially for strategic economic development). Strategic Growth criteria can be applied to SIS hubs and are slightly more subjective than SIS criteria, allowing greater flexibility in what can be designated. Mr. Edmonston then outlined in detail the criteria for determining if a facility is eligible for designation under the Strategic Growth category.

Mr. Edmonston then described the proposed changes to the SIS designation criteria for all facility types eligible for designation as part of the SIS. He reminded the membership that if a facility does not meet the activity level thresholds established by the proposed criteria for the SIS, that it may still be eligible for designation as Strategic Growth.

Mr. Edmonston concluded his presentation by stating that the FDOT will be holding a Statewide Public Comment Webinar on the proposed SIS criteria and structure on June 21, 2018 and that the FDOT will be accepting public and partner comments on the Proposed SIS

Designation Criteria through July 19, 2018. Comments will be accepted online at <http://www.fdot.gov/planning/systems/SISPublicComment>.

Following the public comment period, FDOT will review all comments submitted, make appropriate adjustments, and present to the revised criteria and structure to FDOT management for final approval. FDOT will then update SIS Funding Eligibility guidance and the SIS Prioritization Process, with an expected completion date in December 2018.

A discussion took place about the different criteria. Beth Alden, Hillsborough MPO, asked if there are different thresholds between busways versus bus managed lanes. Mr. Edmonston replied that the thresholds will be the same.

B. FEDERAL HIGHWAY ADMINISTRATION

Ms. Karen Brunelle, Director, Federal Highway Administration (FHWA), Florida Division, Office of Project Development, and Ms. Stacie Blizzard, Planning Team, FHWA, Florida Division, Office of Project Development, made the following announcements:

- Lee Ann Jacobs, FHWA, retired in February 2018. Ms. Stacie Blizzard is the new MPO contact.
- An updated Transportation Management Area (TMA) Planning Certification Review Primer was issued in March 2018. The updated primer outlines key concepts and expectations of a TMA planning certification review, and is available as a resource for MPOs, State Departments of Transportation, public transportation operators, the general public, and other partners to prepare for their participation in a successful Certification Review.
- Applications for the Surface Transportation System Funding Alternative (STSFA) program are due July 15, 2018. This program provides funding to States or groups of States to demonstrate user-based alternative revenue mechanisms that utilize a user fee structure to maintain the long-term solvency of the Highway Trust Fund.
- Applications for the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) program for F2018 are due June 18, 2018. The program purpose is to fund development of model deployment sites for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment.
- The Better Utilizing Investments to Leverage Development, or BUILD Transportation Discretionary Grant program, applications are due July 19, 2018. The criteria are similar to the old TIGER grant program with the addition of criteria that encourages new revenue streams for transportation.
- A funding opportunity from the National Economic Partnerships was announced. Letters of interest are due by July 9, 2018. Applicant invitations will be out August 3,

2018. An external webinar for potential applicants will be held on June 12, 2018 and June 27, 2018.
- MetroPlan Orlando received one of the FY 2017 Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grants for the Advanced Congestion-Management Technologies project in Orlando.
 - A FY 2017 TIGER grant was awarded to Collier County. The project will construct complete streets improvements in Immokalee, Florida, including approximately 20 miles of new sidewalks, a bike boulevard network, a shared-use path, street lighting, bus shelters, a new transit center, landscaping, drainage improvements, and intersection and traffic calming retreats.
 - Alternative Fuel Corridor destinations were awarded to I-10 and I-295. Alternative Fuel Corridor Designations included 58 nominations of segments or entire lengths of 71 interstate corridors.
 - On June 4, 2018 the Nonattainment Air Quality Designations for the 2015 Ozone National Ambient Air Quality standards were announced and no area in Florida was listed as nonattainment.

Ms. Brunelle shared several additional updates including changes to the Florida Division Website, including a new report entitled “Transportation Performance Management: MPO FAQs from FHWA/FTA/FDOT/MPO One on One Discussions.” The documents on the website have been developed for FHWA Florida Division’s partners to assist them with the implementation of transportation performance measures and other strategies for transforming their planning processes into a performance-based process.

Ms. Brunelle notified the membership that the new USDOT Performance Management Form (PMF) is now available. The PMF is an electronic reporting tool where FDOT can enter data for all performance management targets except for the safety targets. States must upload their information by Oct 1, 2018 and every two years thereafter. Ms. Brunelle noted that every state’s 2017 Safety Targets are published online at https://safety.fhwa.dot.gov/hsip/spm/state_safety_targets/.

FHWA is responsible for evaluating the MPOs to ensure that they make significant progress towards meeting their annual performance targets. FHWA has published the documents that contain the tools that FHWA looks for when evaluating progress. These documents can be found at <https://www.fhwa.dot.gov/tpm/guidance/>.

Ms. Brunelle continued by providing clarifications related to Transportation Asset Management Plans (TAMPs). TAMPs act as a focal point for information about transportation assets in the state, their management strategies, long-term expenditure forecasts, and business management processes. Each State is required to develop a risk-based asset management plan for the National Highway System (NHS) to improve or

preserve the condition of their assets and the performance of the system. States must address pavement and bridge conditions, but are encouraged to include all infrastructure assets within the highway right-of-way in their risk-based asset management plan. The initial state TAMPs were due April 30, 2018 and did not require the inclusion of targets. The final TAMPs are due June 30, 2019 and must include measures, targets, and analyses.

Continuing her discussion on performance measurement targets, Ms. Brunelle informed the membership that October 2018 MPO TIPs will have to address safety measures and targets. The TIPs will need to be designed to achieve the targets and describe how the MPO and FDOT will link project selection and investment decisions to anticipate target achievement. All Bridge, Pavement and System Performance targets are not required to be addressed in the October 2018 TIPs. In future TIPs, MPOs will need to explain how the program of projects from the prior TIP achieved results or what progress was made if results were not achieved.

Ms. Brunelle outlined important upcoming dates, including:

- June 15: FDOT HPMS submittal for new PM3 travel time metrics. FDOT will submit Urbanized Area Boundaries if setting PM3 urbanized targets.
- Aug 31: FDOT will set Safety 2019 Target.
- Oct 1: S/TIP with Safety Targets Addressed.
 - FDOT will request for using FDOT/MPO equivalent data sources (PM3).
 - FDOT to report BR/Pvmt/Sys Perf Targets to FHWA.
 - Baseline reports for BR/Pvmt/Sys Perf (Interstate only).
- Nov 14: MPO Sets Bridge, Pavement and System Performance Targets

Ms. Brunelle concluded by presenting the Florida TMA Certification Risk Assessment Process for 2018. Federal regulations require that FDOT, as the pass-through entity for federal planning funds, assess the level of risk for each TMA MPO and undertake monitoring activities, as appropriate, depending on the identified risk level of the MPO. The FL TMA Certification Risk Assessment focuses on the Federal Risk. Each MPO's risk level will be assessed using a scale of low, moderate, elevated, and high.

The FL TMA Certification Risk Assessment will address risk at the program level instead of the project level. It will be an individualized certification review, not one size fits all, and will shape the way FHWA approaches responsibilities. FHWA will still provide technical assistance, and require approvals.

The new assessment will feature a few visible changes including:

- New Appendix in the Certification Report

- Streamlined Certification Report Sections
- Timing and Quantity of Certification Review Questions
- Shortened Site Visits

Peter Buchwald, St. Lucie TPO, asked for clarification on the Code of Federal Regulations (CFR) reference for incorporating performance targets into the TIP. Ms. Brunelle explained that the language can be found in 326 C and 326 D and if an MPO set their own target then the MPO needs to define how they are going to meet their target.

• BUSINESS ITEMS & PRESENTATIONS

A. MPOAC FREIGHT COMMITTEE PROJECT PRIORITIES LIST

Michael Williamson, Cambridge Systematics, Inc., gave an overview of the 2018 Freight Priorities Project List.

Since 2013, the MPOAC Freight Committee has met 15 times. The Freight Committee worked with the 27 Florida MPOs to develop a process whereby MPOs can submit their highest priority freight-related transportation projects to the MPOAC who in turn assembled a statewide MPO priority list which will be shared with the Florida Department of Transportation (FDOT).

The process started with a “Call for Projects” email that was distributed to each MPO on March 12, 2018. MPOs were then provided with a fact sheet, instructions, and a check list template. In addition, training webinars were conducted on March 16, 2018 and March 19, 2018. MPOs were then asked to complete check lists for up to 3 eligible projects. Project check lists were reviewed for completeness and vetted for content. Requests for additional information were submitted to each MPO. Final checklists were reviewed and used to develop the 2018 MPOAC Freight Priorities Project List.

A total of 37 projects were submitted by 16 of Florida’s 27 MPOs. Projects were provided by MPOs in all 7 FDOT Districts. All projects supported at least 2 Florida Transportation Plan (FTP) goals with the majority supporting 3 or more. All projects were screened by the MPOAC Freight Committee to insure that the projects support the agreed upon intent of the program. The list of projects (included in the meeting agenda package) is intended to assist FDOT in their project programming efforts.

Projects are listed in alphabetical order and then by MPO name. Each project has the same priority.

Pat Steed, Heartland Regional TPO, moved to approve the list of 2018 MPOAC Freight Priority Projects for transmittal to Florida DOT. Beth Alden, Hillsborough MPO, seconded. The motion carried.

B. 2018 MPOAC MEETING SCHEDULE

Mr. Carl Mikyska, MPOAC Executive Director, gave a brief overview about the upcoming MPOAC meeting schedule.

At the February 01, 2018 MPOAC Governing Board Meeting, direction was given to MPOAC staff to conduct a survey of the 27 MPOs and determine what days of the month the MPOAC could meet without conflicting with one of the MPO's Governing Board meeting dates. Understanding that the day before a Board meeting is also a busy day for MPO staff, attempts were made to avoid those days as well. Holidays were also to be avoided.

The objective is to set a standard meeting schedule and have MPOAC staff set meeting dates at least three years in advance. This would be helpful for MPOs in scheduling meeting dates (for committees, project advisory groups, public meetings, etc.) and for MPOAC Governing Board members in setting their busy calendars.

Mr. Mikyska then shared calendars of available dates for upcoming MPOAC meetings for the next three years, as identified through the survey.

A discussion took place about the available meeting dates. Many members stated that they would have conflicts with the suggested meeting dates and asked that Wednesdays be removed from the calendar as an available meeting day. Greg Stuart, Chair, Broward MPO recommended that the available dates be revised and presented again at the upcoming MPOAC meeting in August.

Phil Matson, Indian River County MPO, moved to revise the available meeting date calendars and present them again at the upcoming MPOAC meeting in August. Greg Slay, Capital Region TPA, seconded. The motion carried.

C. FINAL MPOAC FY 2019-20 UPWP APPROVAL

The draft MPOAC Unified Planning Work Program (UPWP) has been developed by MPOAC Staff. The draft UPWP (included in the agenda package) was distributed to FDOT, FHWA and FTA for review and comment. The draft was also distributed to the 27 Florida MPOs and the MPOAC email contact list. Additionally, the draft UPWP was available on the MPOAC website with a request for comments for 21 days. All comments received have been addressed in the current draft UPWP.

Denise Bunnewith, North Florida TPO, moved to approve of the draft MPOAC FY 2019-20 UPWP as presented and allow MPOAC staff to make any changes as necessary and requested by approving agencies. David Hutchinson, Sarasota/Manatee MPO, seconded. The motion was approved.

D. DISABLED VETERANS AND FLORIDA TOLLS

At the February 01, 2018 MPOAC Governing Board Meeting, MPOAC staff were directed to craft a resolution which would request that disabled veterans be exempted from tolls on Florida's toll facilities. MPOAC staff produced a resolution (included in the agenda package) addressing the direction given by the MPOAC Governing Board and clarified that the exemption from tolls would apply only to Florida residents who are disabled veterans.

Gary Harrell, Charlotte County-Punta Gorda MPO, moved to approve the proposed resolution. Pat Steed, Heartland Regional TPO, seconded. The motion carried.

E. AV/CV MARKET PENETRATION IN MPO LRTPS

Mr. Mark Reichert, FDOT Office of Policy Planning, FDOT, introduced Dan Beaty, HNTB, to discuss a nearly completed FDOT funded guidance document entitled, "Guidance for Assessing Planning Impacts and Opportunities of Automated, Connected, Electric and Shared-Use Vehicles" (referred to as ACES).

The purpose of the document is to provide guidance to MPOs regarding the potential effects of automated vehicles (AV) and connected vehicles (CV) may have on Long Range Transportation Plans (LRTPs).

"Automated" means the car essentially drives itself. "Connected" means the vehicle can communicate with other vehicles, people, or infrastructure. "Electric" vehicles (EV) are included because most prototype autonomous vehicles have electric propulsion. Finally, shared-use vehicles are those vehicles that can be utilized by more than one person. Transit busses and Uber or Lyft vehicles are examples of shared use vehicles.

The project analyzes different scenarios for AV/CV integration into vehicle fleets and their impact on transportation demand. The second component of the project is MPO coordination through the MPOAC and the Florida Model Task Force on other AV/CV planning considerations such as impacts to socio-economic assumptions, infrastructure plans such as vehicle charging stations, and traffic operations planning.

One product of this effort is the development of an MPO Planning Guide to assist MPOs during LRTP updates on potential considerations of AV and CV in the future years.

Mr. Beaty then described six possible scenarios for future integration of AV/CV technologies into the vehicle fleet. These include scenarios where the technologies enhance the driving experience, scenarios where drivers become mobility consumers in an increasingly autonomous fleet, and scenarios where the technology is slowly rolled out by focusing on incremental advances in safety and other driver support services.

As MPOs go through their LRTP update process, Mr. Beaty noted that it's important to consider the six potential scenarios and to discuss these with the public to help determine which scenario seems most likely and has community support for its influences on the system. At that point, MPOs can consider including specific ACES projects or traditional projects with ACES enhancements into their LRTPs. They can also analyze how ACES may impact their performance targets. They can also align the most likely scenario with the goals and objectives of the Florida Transportation Plan (FTP).

Mr. Beaty continued by describing how ACES has the potential to dramatically impact the revenues associated with transportation. From increased use of electric and hybrid vehicles reducing the need for gasoline and therefore reducing gas tax collections, to automated vehicles not needing to park and driving safer causing a reduction in parking garage revenues, to a reduction in speeding ticket revenues, ACES can impact a region's ability to fund transportation through traditional sources. It's important for a region to understand exactly what regional funds are used for transportation projects, so they can understand how this may affect their ability to fund projects in the future.

Mr. Beaty informed the membership that FDOT has also recently partnered with CUTR to conduct a study that will dive a little deeper into conducting a comprehensive market penetration analysis of AV and alternative fuel vehicles and what the potential impact will be on system vehicle miles travelled (VMT). The study will also consider future transportation funding needs and revenue requirements as market penetration rates are achieved. The study will additionally take into account what the potential increased use of technology has for innovative funding opportunities. The guidance provides some national examples of how other areas are working to broaden the net of revenue sources to fund transportation improvements.

Mr. Beaty noted that the guidance document is not a set of rules that every MPO must follow. Instead, it is intended to help frame the discussion, provide some reasonable parameters for consideration when developing LRTP goals, objectives, or performance measures, and help link ACES implications or opportunities to LRTP development. Mr. Beaty

concluded his presentation by highlighting a couple of the areas summarized in the report that can help guide the framework for MPO LRTP development.

Denise Bunnewith, North Florida TPO, praised the study, voiced her concern about budgeting, and creating an LRTP that appropriately addresses AV/CV technology. She asked for guidelines or insights. Ms. Karen Brunelle replied that everything is continuing to evolve and that MPOs need to be flexible. Mr. Beaty added that FDOT plans to give MPOs a place where they can start and said the MPOs are better off to start planning for ACES now than putting off consideration until later.

Due to time restraints Greg Stuart, Chair, Broward MPO asked that FDOT come back at a future date to continue its presentation on guidance for ACES. He also moved to postpone items 6F and 6G for a later date and have Items 7 and 8 discussed offline. The motion carried.

F. DBE DATABASE AND MPO PARTICIPATION

Postponed.

G. TRAC-N-RIDES PROGRAM UPDATE

Postponed.

• COMMUNICATIONS

N/A

• MEMBER COMMENTS

Gary Harrell, Charlotte County-Punta Gorda MPO, announced that they are taking applications for an open planner position and to contact him if they have a potential candidate in mind.

• ADJOURNMENT

Beth Alden, Hillsborough MPO moved to adjourn. Greg Slay, Capital Region TPA, seconded. The meeting adjourned at 2:36 p.m.

The next meeting of the MPOAC Staff Directors' Advisory Committee will be held on August 02, 2018 at the Orlando Airport Marriot Lakeside, 7499 Augusta National Drive, Orlando, FL 32822.

The MPOAC has reserved a block of rooms for \$145 per night for the nights of August 1st and 2nd. The Marriot's phone number is (407) 851-9000.