CALL TO ORDER & PLEDGE OF ALLEGIANCE
APPROVAL OF MINUTES: APRIL 30, 2019 MEETING
PUBLIC COMMENTS
(NON-AGENDA ITEMS)
EXECUTIVE DIRECTOR’S REPORT

A. UPWP Report
B. MPOAC Weekend Institute Overview
UPWP Report

• Accomplishments are in the packet
  – Presented to FLC twice
  – Continued coordination with NARC and AMPO
  – Consolidated Planning Grant
  – Tampa MPOAC Weekend Institute

• Finished Fiscal Year under budget!
MPOAC Weekend Institute Overview

• Record Attendance this year!
  – 40 Graduates!

• Continues to score very well by participants
  – 4.82/5.00 score for 2019 sessions!

• The team continues to perform exceptionally
## MPOAC Weekend Institute Evaluation Results from 2007 to 2019

**Did the Institute effectively inform you on the following topics?**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>The origins of MPOs and MPO Board responsibilities and authority</td>
<td>4.90</td>
</tr>
<tr>
<td>Basic concepts and principles in transportation planning</td>
<td>4.81</td>
</tr>
<tr>
<td>MPO products and processes</td>
<td>4.76</td>
</tr>
<tr>
<td>Critical funding issues and sources of transportation funding</td>
<td>4.80</td>
</tr>
</tbody>
</table>
MPOAC Weekend Institute Evaluation Results from 2007 to 2019

Was the Institute format effective?

<table>
<thead>
<tr>
<th>Notebooks and materials were helpful</th>
<th>Average:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• 4.85</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Overall, presentations were effective and informative</th>
<th>• 4.82</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Q &amp; A and discussion format was effective</th>
<th>• 4.69</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>*Jeopardy was effective and useful reinforcement</th>
<th>• 4.66</th>
</tr>
</thead>
</table>

*Question changed May 2019: “Fast & Furious: MPO Edition was effective and useful reinforcement”
MPOAC Institute Attendance based on Location

MPOAC Institute Attendance

Other Locations | Tampa
---|---
2007: 16 | 19
2008: 19 | 20
2009: 29 | 15
2010: 23 | 16
2011: 29 | 14
2012: 25 | 11
2013: 19 | 12
2014: 30 | 18
2015: 33 | 20
2016: 34 | 19
2017: 38 | 19
2018: 32 | 20
2019: 40 | 24

Attendance
AGENCY REPORTS

A. Florida Department of Transportation
B. Federal Highway Administration
Florida Department of Transportation
MPOAC STAFF DIRECTORS’ BUSINESS ITEMS & PRESENTATIONS
State Legislative Policy Positions

• Reviewed at the MPOAC Policy and Technical Committee Mtg
• Recommendations are in your packet
  – Will review on screen
Federal Policy Positions

• Reviewed at MPOAC Policy & Technical Committee Mtg.
• Was asked to review AMPO positions
• Also reviewed NARC positions
AMPO Policy Positions

• Continue to fully fund FAST Act programs

Address solvency of HTF, Grow programs with sustainable dedicated funding source

• Maintain structure of current funding formula program

• Give priority to projects in LRTPs for funding programs – TIGER/BUILD
AMPO Policy Positions – Con’t

- Transit funds for operations
- Direct allocation of STBGP funds to MPOs
- Dedicated revenue for freight
- One date for Transportation Performance Measures
NARC Policy Positions

• Maintain planning and programming
• Strengthen the local role in transportation
• Increase funding, index fuel taxes
• Encourage innovative financing options
• Support goods movement – dedicated funds
• Support non-auto modes of transportation
• Increase PL funding
• Maintain MPO autonomy
Florida DOT Statewide Survey Results and Community of Practice
Establishing a Community of Practice for Survey Tools

MPOAC Meeting
July 30, 2019
Orlando, FL
Today’s Discussion

• FDOT Resident Survey (2018)

• Collaborative Opportunities
Methodology

- Internet Panel
- Full-time and Part-time residents of Florida (97%, 3%)
- Respondents Shown Examples of Area State Roads
- 3,144 responses; 400+ per district
Utilization & Perception of Safety is Proportional

**Overall safety on State Roads**
- Frequency of use: 74%
  - 4+ per week: 80%
  - 1-3/wk: 14%
  - 1-3/mth: 8%

**Bicycles can safely ride on or along State Roads.**
- Frequency of use: 28%
  - 4+ wk: 5%
  - 1-3/wk: 9%
  - 1-3/mth: 8%
  - Few/year: 13%
  - Never: 65%

**I am able to safely use sidewalks and pedestrian crossings.**
- Frequency of use: 60%
  - 4+ per wk: 15%
  - 1-3 per wk: 15%
  - 1-3 per month: 14%
  - Few a year: 19%
  - Never: 37%
TNC District Activity; Airport Utilization

District 1
TNC Use Overall
TNC To the Airport

District 2
TNC Use Overall
TNC To the Airport

District 3
TNC Use Overall
TNC To the Airport

District 4
TNC Use Overall
TNC To the Airport

District 5
TNC Use Overall
TNC To the Airport

District 6
TNC Use Overall
TNC To the Airport

District 7
TNC Use Overall
TNC To the Airport
Generational Attitudes Differ on CAV

I would ride in a self-driving car once they have been proven to be reliable.

Less than 35: 25% Agree, 6% No Opinion, 69% Disagree
35 to 64: 42% Agree, 10% No Opinion, 48% Disagree
65 or older: 46% Agree, 9% No Opinion, 45% Disagree

I would feel comfortable knowing that a family member or someone close to me regularly travels in a self-driving vehicle.

Less than 35: 36% Agree, 10% No Opinion, 54% Disagree
35 to 64: 53% Agree, 14% No Opinion, 33% Disagree
65 or older: 58% Agree, 15% No Opinion, 27% Disagree
Self-driving cars will lead to fewer crashes.

General Public Not Sold on Safety Benefits of CAV
E-Commerce has reduced the number of trips I make to physical retail.

E-Commerce Perceived at Reducing Trips
The rate of technology change is increasing rapidly, and customer attitudes and preferences are changing as a response.

Surveys help ensure trends are not missed and the planning community is left flatfooted responding to a major unanticipated change.

Utility of Surveys

• Measuring Customer Sentiment
• Measuring Public Information Initiatives
• Public Comment Tool
• Important for Collecting Data on ACES
Stakeholder Interviews

• Goals
  • How can FTO Support Customers?
  • Define Customer Needs

• FDOT Interviews
  • FDOT Districts
  • MPOs/TPOs
  • Peer DOTs

Common Themes

• Most common data/information needs:
  • ACES
  • Resident transportation priorities

• Survey results that could benefit the State are not being shared frequently between various groups and FDOT/MPOs
Surveys Widely Used in Florida

Over 100 Surveys found on District and MPO/TPO websites

- LRTP surveys
- Household travel surveys
- Public opinion and attitudinal surveys
- Transit surveys
- Bike/Ped surveys
Enhancing FTO Survey Program

Statewide Survey Focus
- Acquire Priority Information Districts & MPOs Need
- Scenario Planning for Uncertainties around new technologies

Community of Practice
- Identify Champions
- Collaborate on Surveys
- Share Data
- Build Survey-related Best Practices Guidance
In Conclusion...

• FTO is Surveying Emerging Trends on Statewide Level
• Survey Tools Widely Used By Fla. Transportation Agencies
• Different Surveys Serve Different Goals, Guidance Useful
• ACES Bolsters Value of Surveys
• FTO Augmenting to Become More Customer Driven
• Community of Practice Would Add Value to Survey Efforts
• Champions Needed
QUESTIONS?

FRANK COLLINS III
Forecasting & Trends Office
Frank.Collins@dot.state.fl.us • 850-414-5396
AV/EV Impacts to Transportation Revenue: 
*The Fuel Tax*

**Presented to:**
MPOAC Staff
Directors/
Governing Board
Meetings

**Presented by:**
Mark Reichert, FDOT
Office of Policy Planning,
Administrator for
Metropolitan Planning

*FDOT*
Office of Policy Planning

*July 30, 2019*
TODAY’S OBJECTIVE

Overview of transportation funding in Florida

Future Funding Trends

Help get the message out
*This chart does not include approximately $1.4 billion in Constitutional, County, Municipal, and Local Option fuel taxes which are distributed directly to local governments nor $1.3 billion in Toll Revenue receipts.
### 2019 Fuel Tax Rates

<table>
<thead>
<tr>
<th>Component</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Gas</td>
<td>18.4¢</td>
</tr>
<tr>
<td>Federal Diesel Added</td>
<td>6¢</td>
</tr>
<tr>
<td>States Sales</td>
<td>14.1¢</td>
</tr>
<tr>
<td>SCETS</td>
<td>7.8¢</td>
</tr>
<tr>
<td>Local Option 1-6</td>
<td>1-6¢</td>
</tr>
<tr>
<td>Local Option 1-5</td>
<td>1-5¢</td>
</tr>
<tr>
<td>Constitutional</td>
<td>2¢</td>
</tr>
<tr>
<td>Ninth-cent</td>
<td>1¢</td>
</tr>
<tr>
<td>County</td>
<td>1¢</td>
</tr>
<tr>
<td>Municipal</td>
<td>1¢</td>
</tr>
</tbody>
</table>

*Source: Office of Economic and Demographic Research*
Locally Imposed Motor Fuel Taxes

Tax Rates (¢/gal) as of January 1, 2019

- 6¢ = 12
- 7¢ = 19
- 9¢ = 1
- 10¢ = 3
- 11¢ = 2
- 12¢ = 30

Total Counties = 67

Source: Office of Economic and Demographic Research
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Appropriation</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 89-90</td>
<td>$1,641.4</td>
</tr>
<tr>
<td>FY 91-92</td>
<td>$2,752.6</td>
</tr>
<tr>
<td>FY 93-94</td>
<td>$3,050.0</td>
</tr>
<tr>
<td>FY 95-96</td>
<td>$3,047.8</td>
</tr>
<tr>
<td>FY 97-98</td>
<td>$3,074.3</td>
</tr>
<tr>
<td>FY 99-00</td>
<td>$3,097.2</td>
</tr>
<tr>
<td>FY 01-02</td>
<td>$3,801.4</td>
</tr>
<tr>
<td>FY 03-04</td>
<td>$4,497.3</td>
</tr>
<tr>
<td>FY 05-06</td>
<td>$5,234.4</td>
</tr>
<tr>
<td>FY 07-08</td>
<td>$5,132.1</td>
</tr>
<tr>
<td>FY 09-10</td>
<td>$5,132.2</td>
</tr>
<tr>
<td>FY 11-12</td>
<td>$5,132.3</td>
</tr>
<tr>
<td>FY 13-14</td>
<td>$5,132.4</td>
</tr>
<tr>
<td>FY 15-16</td>
<td>$5,132.5</td>
</tr>
<tr>
<td>FY 17-18</td>
<td>$5,132.6</td>
</tr>
<tr>
<td>FY 19-20</td>
<td>$5,132.7</td>
</tr>
</tbody>
</table>
Fuel Consumption in Florida
(in Millions of Gallons Annually)

Forecast
Fuel Consumption Growth Rate in Florida

% Change

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

FY 96-97 FY 97-98 FY 98-99 FY 99-00 FY 00-01 FY 01-02 FY 02-03 FY 03-04 FY 04-05 FY 05-06 FY 06-07 FY 07-08 FY 08-09 FY 09-10 FY 10-11 FY 11-12 FY 12-13 FY 13-14 FY 14-15 FY 15-16 FY 16-17 FY 17-18 FY 18-19 FY 19-20 FY 20-21 FY 21-22 FY 22-23 FY 23-24 FY 24-25 FY 25-26 FY 26-27

Total Highway Fuels

Forecast
What Sets Florida Apart?

- State Fuel Tax Indexed to CPI
- Extensive Tolling Systems
- Maximum Use of Innovative Financing
- Population Growth
- Record Tourism
Since 1980 fuel efficiency of national fleet has increased 50%.

Fuel efficiency of new cars increased 55%.
AV market penetration rate of 35% of vehicles by 2035 (percent of new vehicles on the road)

Most aggressive forecast predicts EV share of market will be 35% in 2040 (research underway)

In terms of vehicle fleet penetration, AVs will be 11% to 44% of vehicle stock in 2035

In terms of vehicle fleet penetration, EVs will be 15% of vehicle stock in 2040
Estimated that AVs will add 48.9 billion additional annual VMTs over baseline by 2048.

- Assumption is that all AVs in 2048 will be EVs
- Assumption that 30% of total VMT in 2048 will be eVMT (100.8 billion miles)
- Research is currently underway (Oct. 2019)
QUESTIONS?

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mark.reichert@dot.state.fl.us
Formation of a Training Committee

- Part of MPOAC Strategic Plan
- Recognizes the needs of MPOs to:
  - Educate new board members
  - Educate new employees
- May be used by FDOT with new employees
- Produce a “How To” document for approaching legislators and follow-up
MEMBER COMMENTS
ADJOURNMENT

Next Meeting – October 29, 2019
Marriott Lakeside – Airport
Orlando, FL