FLORIDA MPOAC STAFF DIRECTORS’ MEETING

April 30, 2019
Orlando, FL

Greg Stuart, Presiding
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
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>Topic</th>
<th>Average:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notebooks and materials were helpful</td>
<td>4.85</td>
</tr>
<tr>
<td>Overall, presentations were effective and informative</td>
<td>4.82</td>
</tr>
<tr>
<td>Q &amp; A and discussion format was effective</td>
<td>4.69</td>
</tr>
<tr>
<td><em>Jeopardy was effective and useful reinforcement</em></td>
<td>4.66</td>
</tr>
</tbody>
</table>

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

MPOAC Institute Attendance

![Bar chart showing attendance by year and location, with data points for 2007 to 2019 for both MPOAC Institute and Other Locations.](chart_image)

- **MPOAC Institute Attendance:**
  - 2007: 16
  - 2008: 19
  - 2009: 20
  - 2010: 23
  - 2011: 16
  - 2012: 14
  - 2013: 19
  - 2014: 18
  - 2015: 30
  - 2016: 33
  - 2017: 34
  - 2018: 38
  - 2019: 40

- **Other Locations Attendance:**
  - 2007: 16
  - 2008: 19
  - 2009: 9
  - 2010: 8
  - 2011: 13
  - 2012: 11
  - 2013: 7
  - 2014: 12
  - 2015: 13
  - 2016: 15
  - 2017: 19
  - 2018: 12
  - 2019: 16
Contact Information

Jeff Kramer
- kramer@cutr.usf.edu
- 813.974.1397

Florida MPO Advisory Council
- www.mpoac.org
- 850.414.4037

Christen Miller
- christen@cutr.usf.edu
- 813.974.6387
AGENCY REPORTS

A. Florida Department of Transportation
B. Federal Highway Administration
Florida Department of Transportation
Federal Highway Administration
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
FTO
FORECASTING & TRENDS OFFICE
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
  - 4+ per week: 74%
  - 1-3/wk: 14%
  - 1-3/mth: 8%

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

I am able to safely use sidewalks and pedestrian crossings.
- Frequency of use
  - 4+ per week: 60%
  - 1-3 per week: 15%
  - 1-3 per month: 14%
  - Few a year: 15%
  - Never: 19%
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, 53% Disagree
- 35 to 64: 54% Agree, 14% No Opinion, 33% Disagree
- 65 or older: 58% Agree, 15% No Opinion, 27% Disagree
General Public Not Sold on Safety Benefits of CAV

Self-driving cars will lead to fewer crashes.

[Bar chart showing the percentage of people who agree, disagree, and have no opinion about self-driving cars leading to fewer crashes, categorized by age and income.]
E-Commerce has reduced the number of trips I make to physical retail.
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
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
FY 18/19 Receipts* ($ in Millions)

- **State Fuel Taxes**: $2,413.7 (31.7%)
- **Federal Fuel Taxes**: $2,330.6 (30.6%)
- **Aviation Fuel Tax**: $40.0 (0.5%)
- **Motor Vehicle Fees**: $1,212.0 (15.9%)
- **Rental Car Surcharge**: $142.4 (1.9%)
- **Documentary Stamps**: $315.8 (4.1%)
- **Reimbursements**: $563.1 (7.4%)
- **Miscellaneous Revenue**: $191.3 (2.5%)
- **Bond Proceeds**: $393.1 (5.2%)
- **Interest**: $10.5 (0.1%)

*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

**Federal Gas** 18.4 cents/Gal.
- Federal Diesel Added 6 cents/Gal.

**States Sales** 14.1 cents/Gal.
- SCETS 7.8 cents/Gal.

**Local Option** 1-6 cents/Gal.
- Local Option 1-5 cents/Gal.
- Constitutional 2 cents/Gal.
- Ninth-cent 1 cent/Gal.
- County 1 cent/Gal.
- Municipal 1 cent/Gal.

### Sources
- 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
Fuel Consumption in Florida
(in Millions of Gallons Annually)

Forecast

- Motor Fuel
- Diesel Fuel
Fuel Consumption Growth Rate in Florida

% Change

Total Highway Fuels
What Sets Florida Apart?

- State Fuel Tax Indexed to CPI
- Extensive Tolling Systems
- Maximum Use of Innovative Financing
- Population Growth
- Record Tourism
Average Fuel Efficiency

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?

Contact Information:
Mark Reichert
850-414-4901
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