ELECTRIC VEHICLE INFRASTRUCTURE

November 17, 2022
EV Infrastructure in Florida

- Develop alternative fuel infrastructure
- Expand statewide access to emerging mobility solutions through EV charging stations
- Deploy surface transportation infrastructure to support EV charging
Funding for Electric Vehicle Infrastructure in the BIL

**Formula Program**
- National EV Infrastructure Program
- $5 billion to state DOTs over 5 years
- $198 million to Florida ($29 million in FY22)

**Discretionary Grant Program**
- $1.25 billion
- MPOs, local governments, & Tribes

EV infrastructure must be on the Alternative Fuel Corridor network.
Alternative Fuel Corridors

Over 4,000 miles (58% increase)

6,168 total miles

Opportunities for FL Communities
Interested Parties

• **Utilities**
  - Duke, FPL, Seminole, OUC and others

• **Retailers**
  - Wal-Mart, 7-Eleven, Busy Bee, RaceTrac

• **EV Infrastructure Providers**
  - Electrify America, EVGo, ChargePoint, Blink
Florida’s EV Deployment Plan

- Requirement to access NEVI funds
- Framework for implementation
- Supports charging in rural and underserved areas
- Supports emergency evacuations and resiliency
- Submitted on August 1
Community and Stakeholder Engagement

- 3 STATEWIDE virtual meetings with over 325 attendees
- 8 Regional listening sessions
- 20 FEDERAL, State, and local government agencies
- OVER 30 STAKEHOLDER meetings
- OVER 180 Public Comments
Goals for Florida’s Plan

- Expand energy sources for transportation fuels.
- Support emergency evacuation.
- Position Florida as a national leader in EV infrastructure implementation.
- Expand EV charging access to all users in Florida.
- Enhance Florida’s overall transportation system, including roadways within rural and urban disadvantaged communities.
- Anticipate changes in travel choices and transportation technologies towards EV adoption.
Federal Goals

Reduce transportation emissions by:

- Reducing single-occupant vehicle trips
- Facilitating the use of vehicles or modes of travel that result in lower emissions
- Facilitating approaches to construction that result in lower emissions
Carbon Reduction Strategy Approach

Data and Research
Internal and External Outreach
Tools and Guidance
Objectives and Strategies
Carbon Reduction Strategy Themes and Objectives

Transportation Choices

- Provide safe and convenient transportation options that appeal to consumers.

Congestion Management

- Improve traffic flow and reduce congestion and idling.

Energy Efficiency and Diversification

- Safely improve energy efficiency and diversify energy sources.

Construction Practices

- Reduce climate impacts from construction of transportation facilities
Carbon Reduction Funding

- $320.4 million in formula funding to Florida over 5 years
  - 65% urbanized areas
  - 35% statewide

- Funding is based on population
  - Urbanized Areas >200,000
  - Urbanized Areas 50,000-200,000
  - Urban Areas 5,000-50,000
  - Areas <5,000
Top Questions Received
• What are the match requirements?
• What is the benefit of using LAP?
• What is planning consistency?

Locations to Date
• 250 attendees + 500 on webinar
  - Tampa
  - Chipley
  - Orlando

Grant Information Sessions Recap
Sessions Coming Soon

- Bartow – January 18
- Destin – January 24
- Jacksonville – January 26
- Miami – February 15
- Fort Lauderdale – February 16
Stay Aware. Stay Alert.

April Combs
Statewide Planning Coordinator
Phone: 850-414-4817
Email: April.Combs@dot.state.fl.us