

# FTP Implementation Committee Meeting #5

## Webinar

presented to

FTP Implementation  
Committee

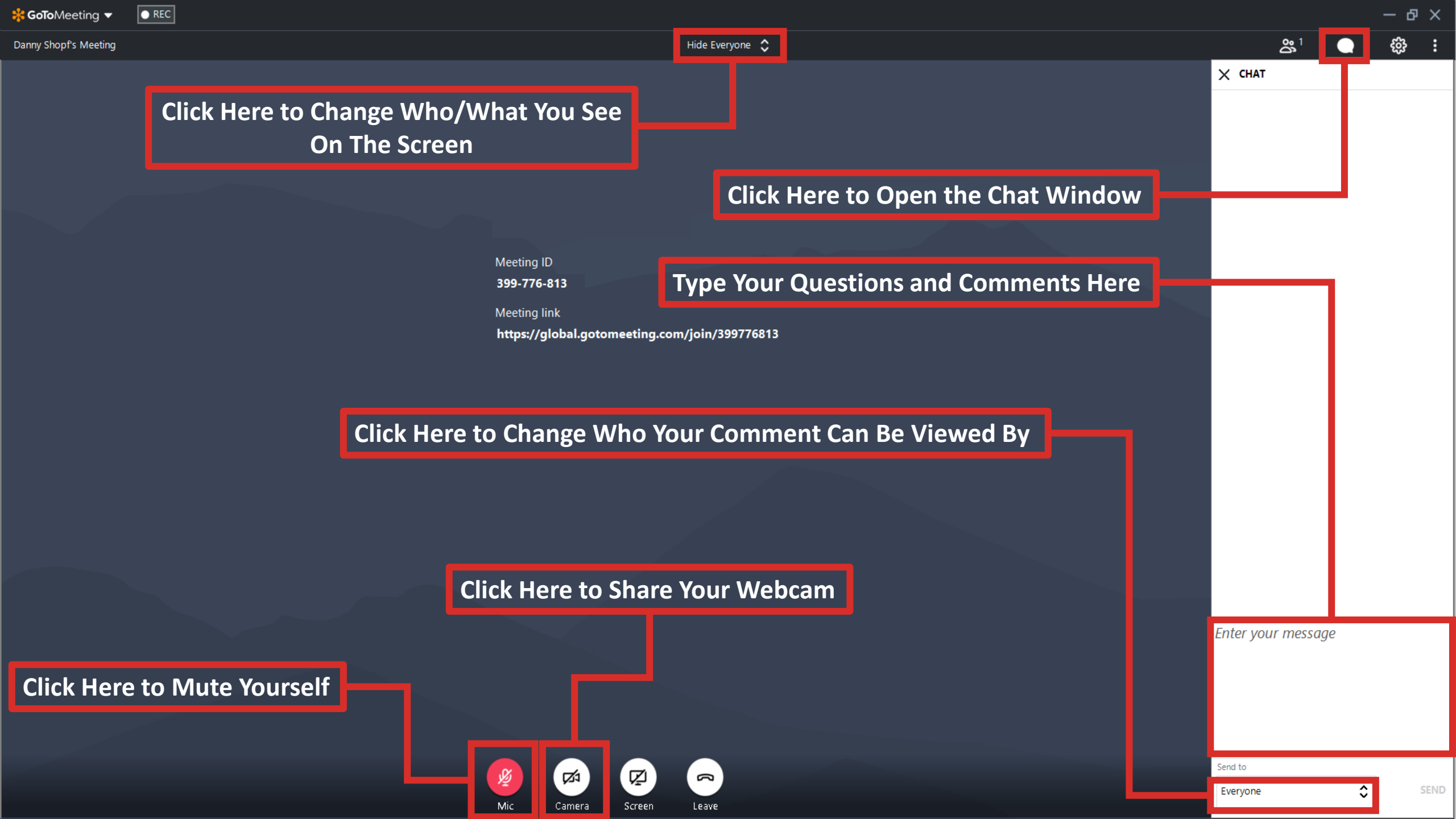
March 30, 2022

**FLORIDA**  
Transportation Plan

Your Florida. Your vision. Your plan.



# Welcome and Introductions



Click Here to Change Who/What You See  
On The Screen

Click Here to Open the Chat Window

Type Your Questions and Comments Here

Click Here to Change Who Your Comment Can Be Viewed By

Click Here to Share Your Webcam

Click Here to Mute Yourself

🔊  
Mic

📷  
Camera

🖥️  
Screen

👋  
Leave

✕ CHAT

Enter your message

Send to  
Everyone ⌵

SEND

Meeting ID  
399-776-813

Meeting link  
<https://global.gotomeeting.com/join/399776813>

# Today's Objectives

## *Receive presentations on*

- Setting the Stage
- Transit and Rail Strategies
- National Electric Vehicle Infrastructure Program

## *Review draft Implementation Element*



# Agenda

Time	Topic	Presenter(s)
9:00 am	Welcome, Introductions, and Updates	Brad Thoburn, FDOT, Chair
9:30 am	Setting the Stage	Alison Stettner, FDOT
10:00 am	FTP Implementation Element Update	Dana Reiding, FDOT
10:45 am	Transit and Rail Strategy	Brad Thoburn, FDOT, Chair Holly Cohen, FDOT Liz Stutts, FDOT
11:15 am	National Electric Vehicle Infrastructure Program	April Combs, FDOT
11:35 am	Public Comment	Brad Thoburn, FDOT, Chair
11:45 am	Next Steps	Dana Reiding, FDOT
12:00 pm	Adjourn	



# Setting the Stage



# SETTING THE STAGE

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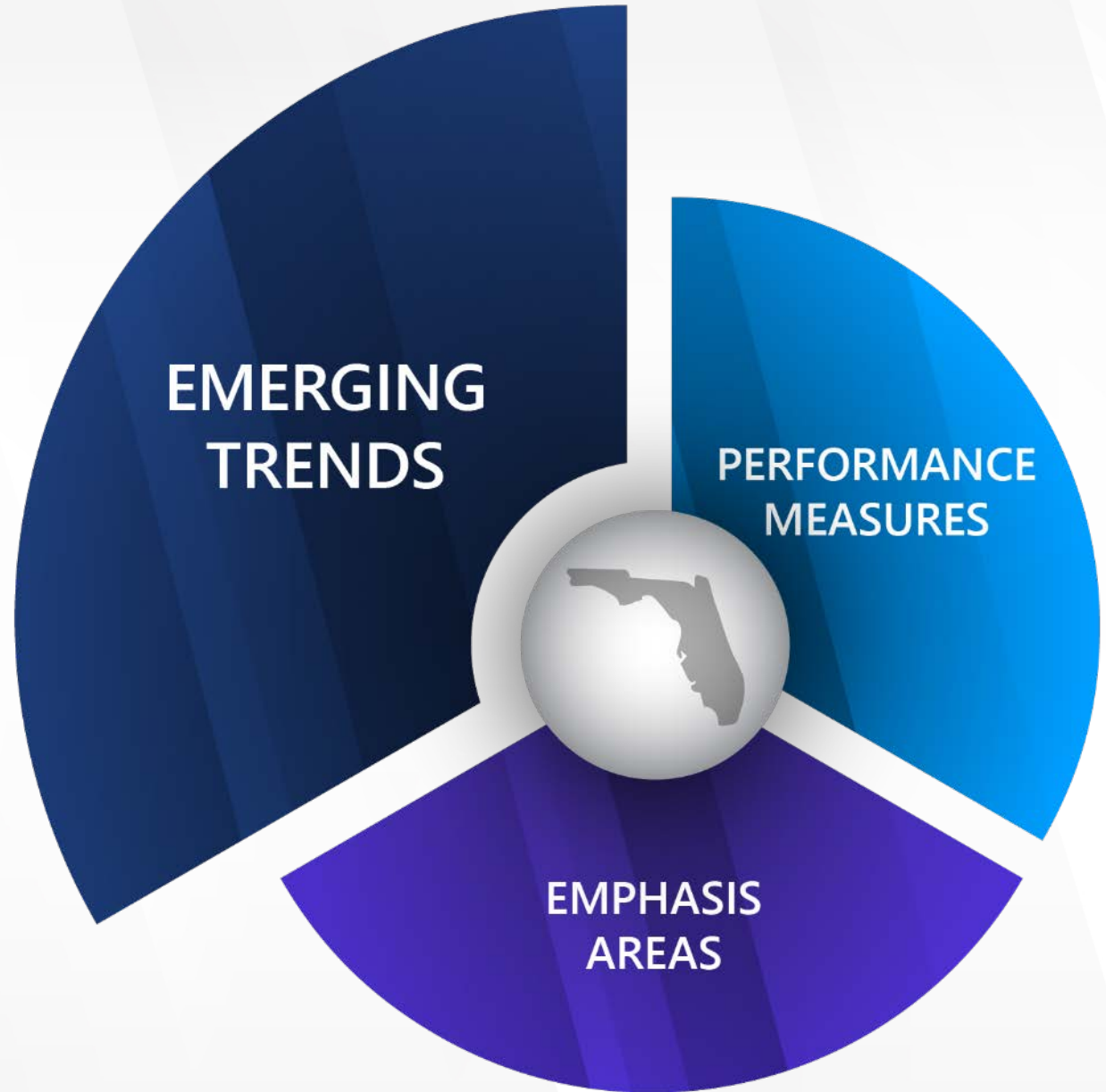
*ALISON STETTNER*  
*OFFICE OF POLICY PLANNING*



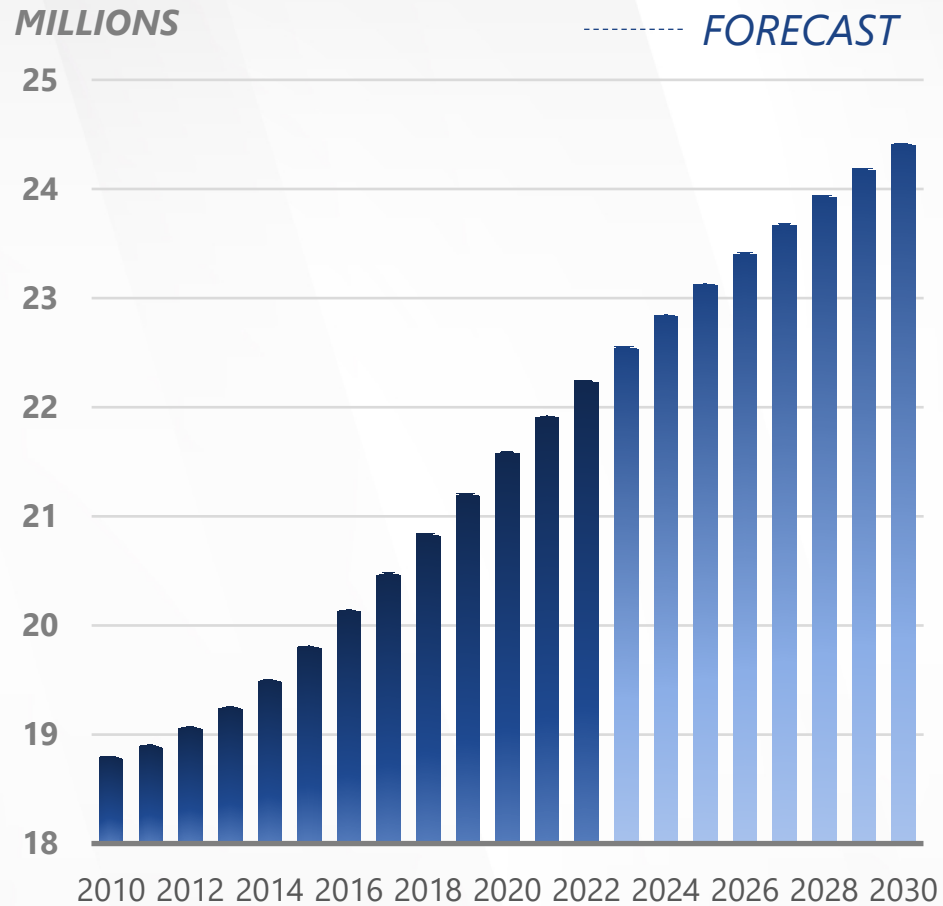








## FLORIDA POPULATION GROWTH



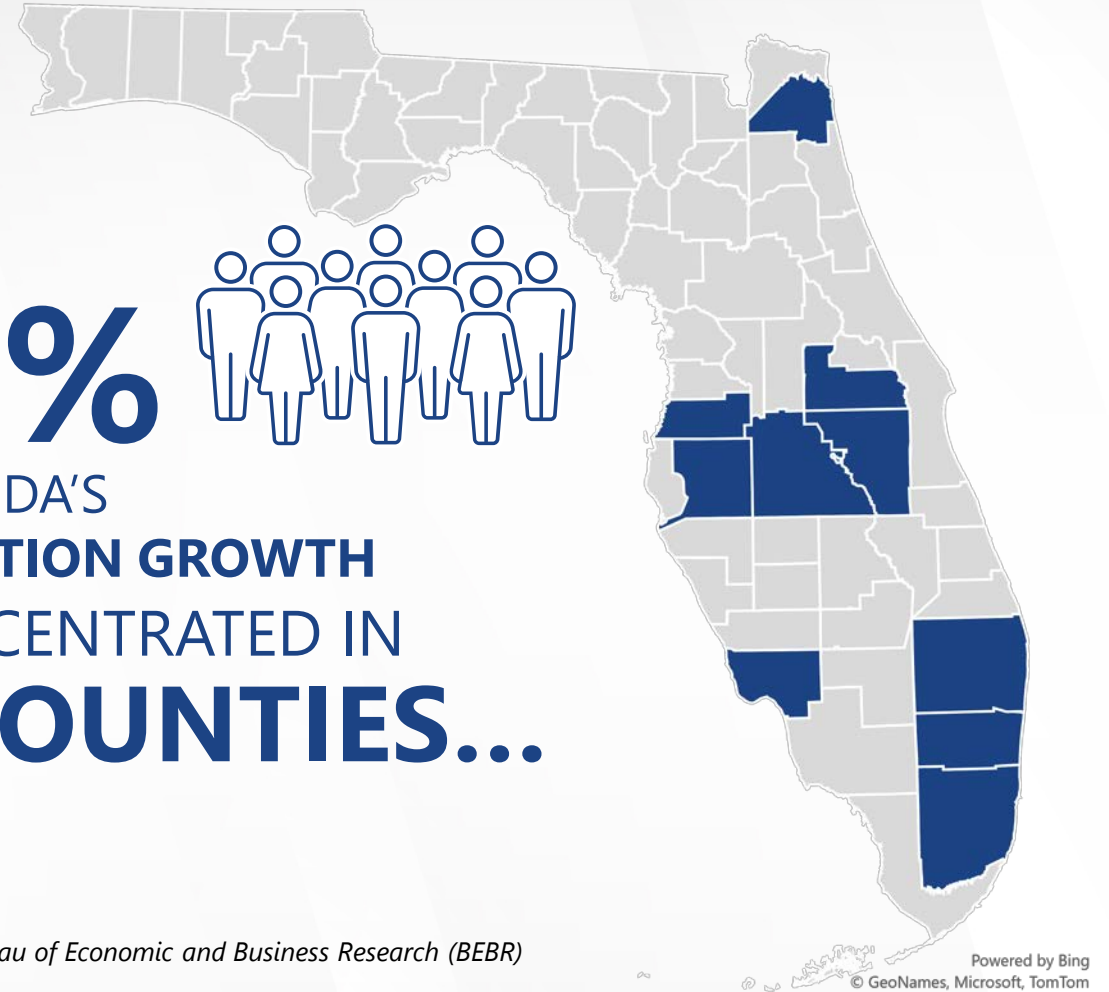
Source: Florida Economic Estimating Conference

## FLORIDA'S FASTEST GROWING COUNTIES

**59%**

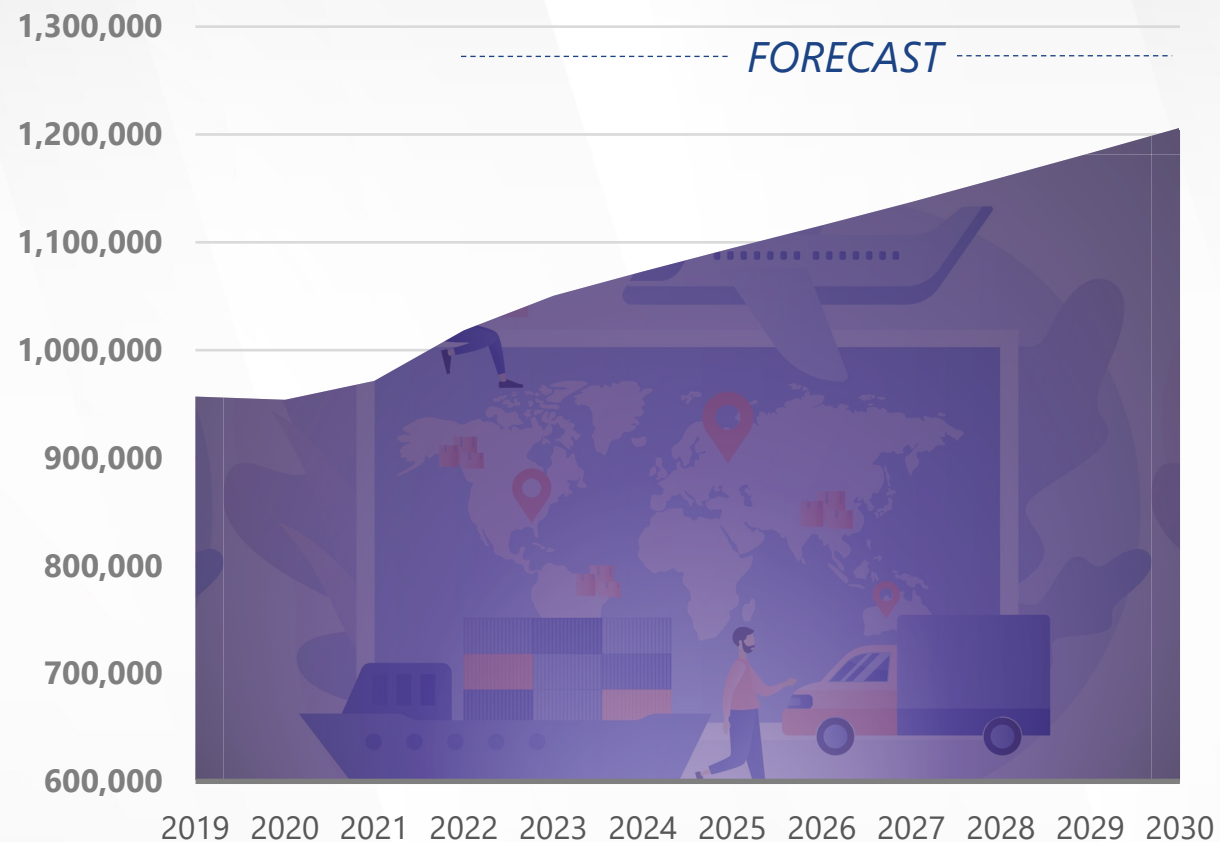
OF FLORIDA'S  
**POPULATION GROWTH**  
IS CONCENTRATED IN  
**10 COUNTIES...**

Source: Bureau of Economic and Business Research (BEBR)



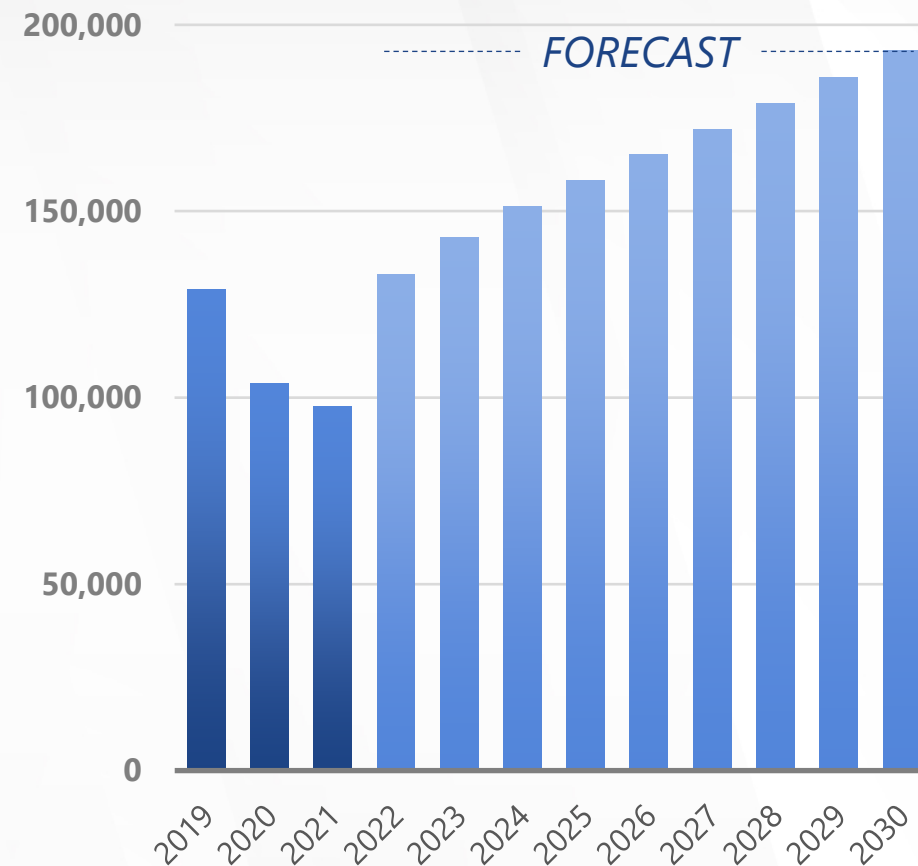
# Population

## FLORIDA'S GROSS DOMESTIC PRODUCT (GDP)



Source: Florida Economic Estimating Conference; \$2012

## VISITORS



Source: Florida Economic Estimating Conference;



# Economy

# 48 MILLION AMERICANS QUIT THEIR JOBS IN 2021



Source: U.S. Bureau of Labor Statistics.



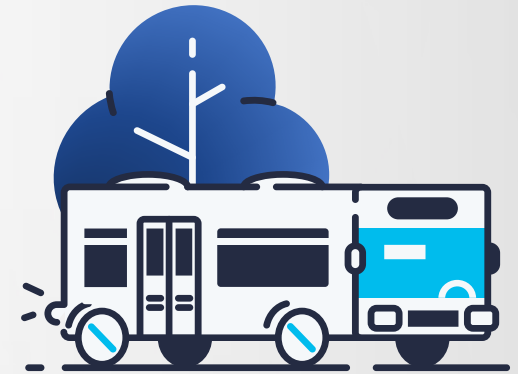
## Economy

### JOB ACCESSIBILITY BY MODE



**383,000  
JOBS**  
WITHIN A  
30-MINUTE  
AUTOMOBILE TRIP

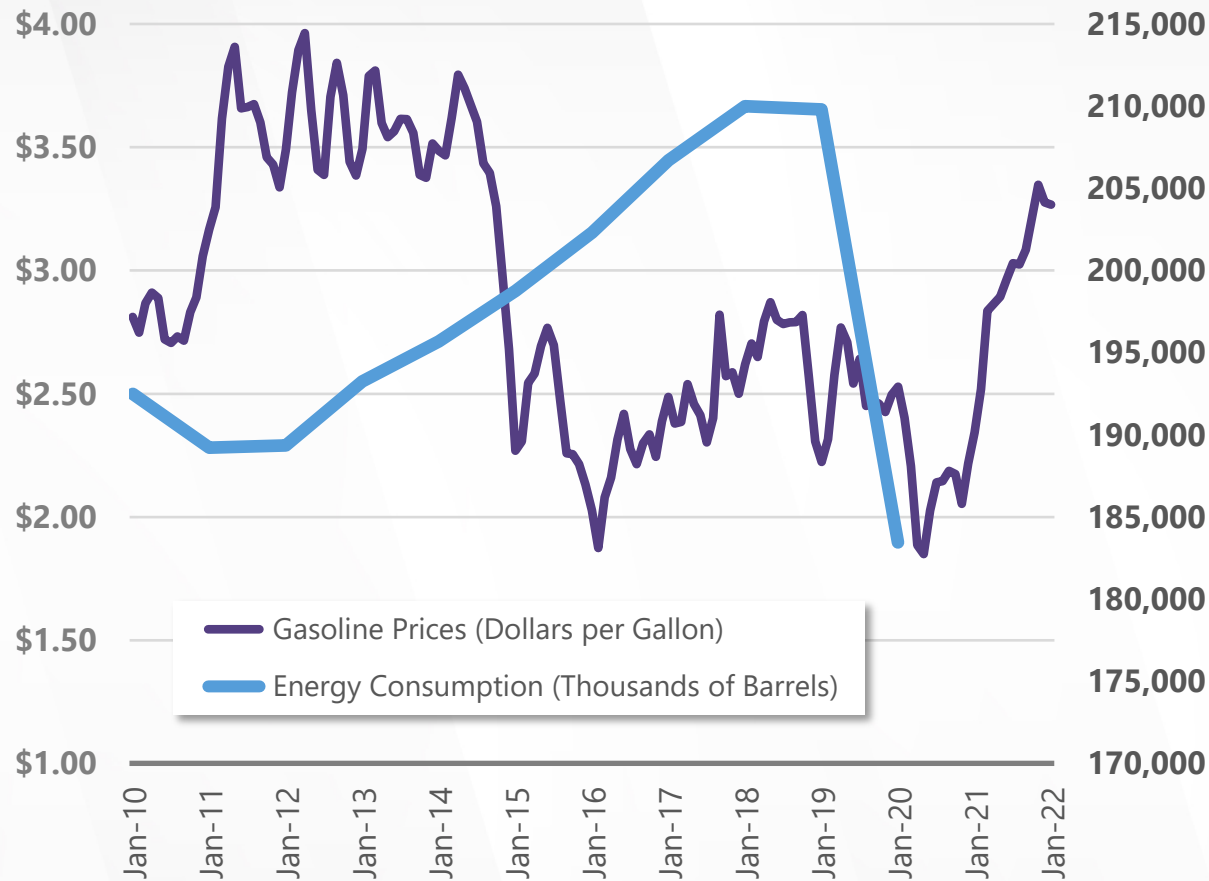
**7,400  
JOBS**  
WITHIN A  
30-MINUTE  
TRANSIT TRIP



Source: FDOT Sourcebook.

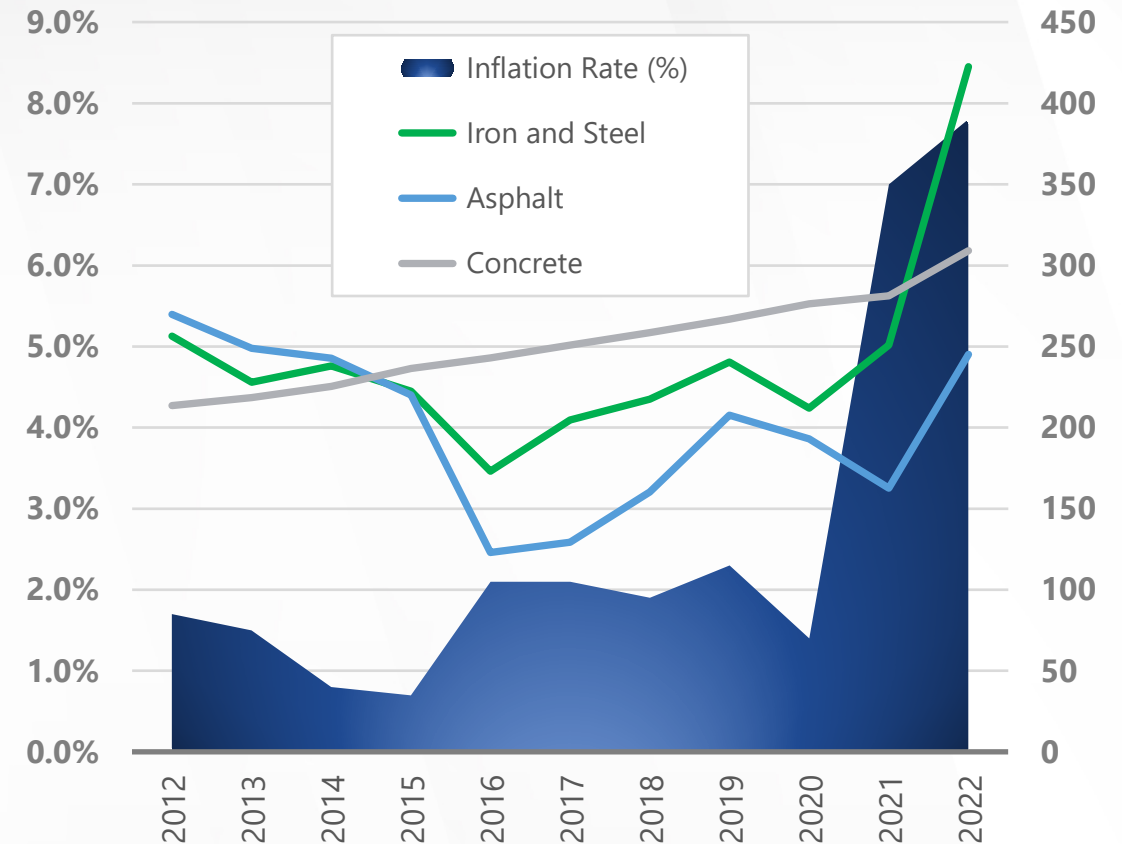


## FLORIDA FUEL PRICES INCREASE AS FUEL CONSUMPTION DECREASES



Source: U.S. Energy Information Administration.

## U.S. INFLATION RATES AND CONSTRUCTION MATERIAL PRICES ARE SPIKING



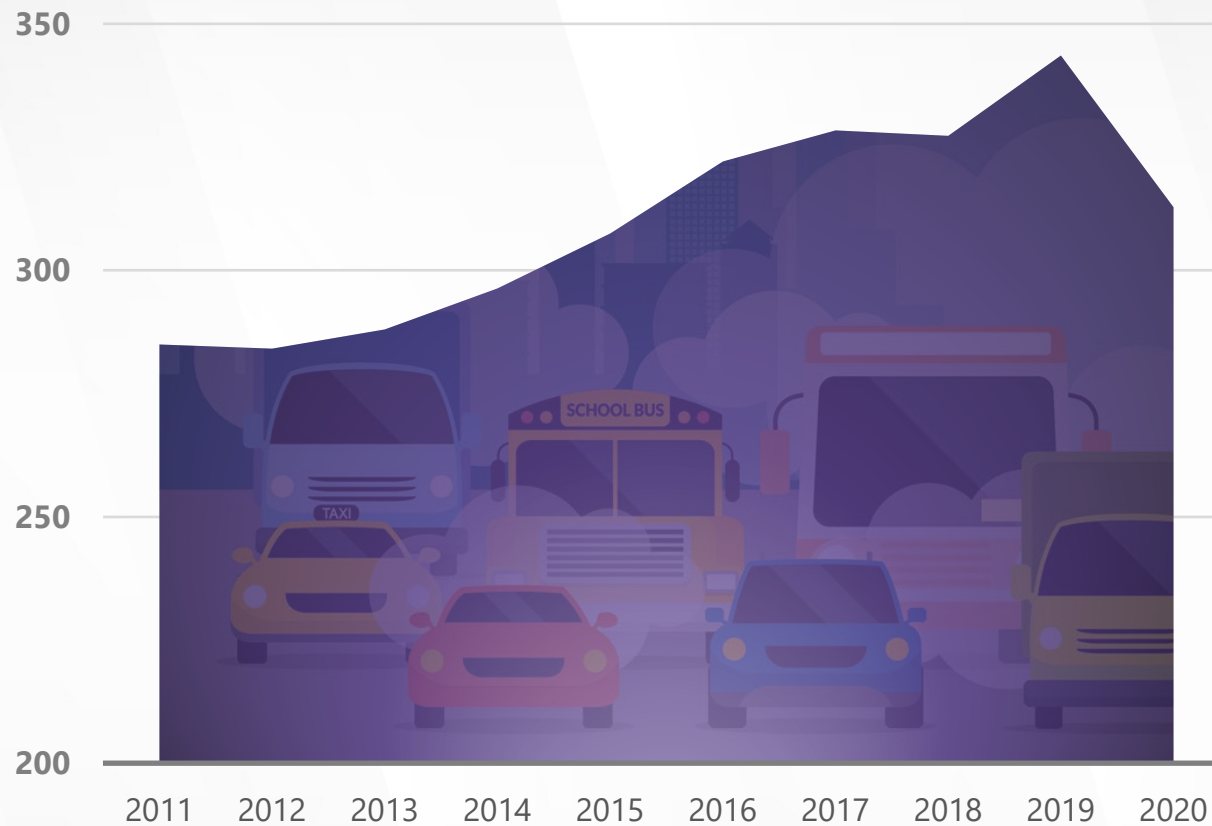
Source: U.S. Bureau of Labor Statistics.



# Economy

## DAILY VEHICLE MILES TRAVELED (MILLIONS)

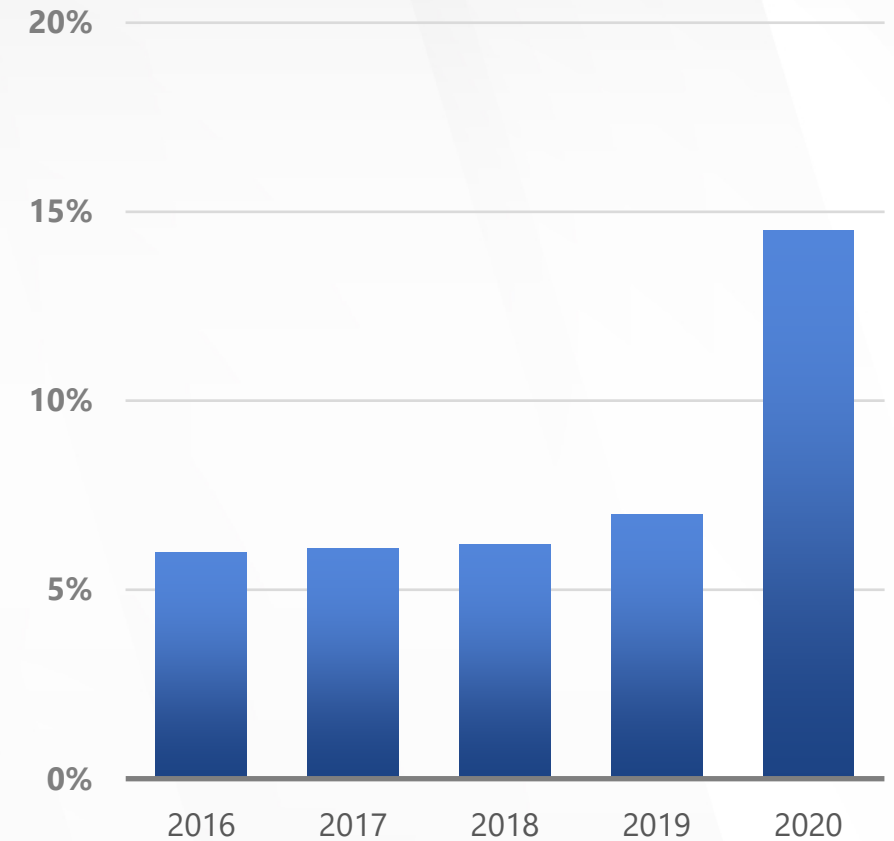
2011 through 2020



Source: FDOT Sourcebook

## PERCENT WORKING FROM HOME

2016 THROUGH 2020



Source: U.S. Census Bureau Survey, American Community Survey



# Mobility





**TRUCK ACTIVITY**  
UP  
**7%**

Source: FDOT Current Conditions Mobility Report



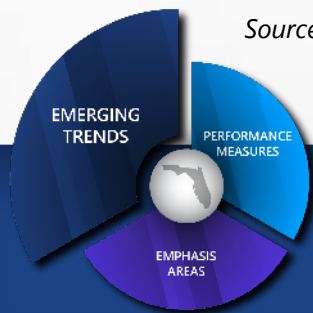
**TRANSIT RIDERSHIP**  
DOWN  
**40%**

Source: FDOT Current Conditions Mobility Report



**AIR TRAVEL**  
RETURNED TO  
**PRE-PANDEMIC**  
**LEVELS**

Source: FDOT Current Conditions Mobility Report



Mobility

# 99% OF U.S. COUNTIES WERE IMPACTED BY A FLOODING EVENT FROM 1996-2019

Source: FEMA.



## WEATHER-RELATED DAMAGES FOR FLORIDA IN 2020 WERE \$451.33 MILLION

Source: NOAA.



FLORIDA CAN EXPECT BETWEEN  
**2.2 TO 2.5**  
INCHES OF  
SEA LEVEL RISE  
BETWEEN 2020 AND 2030\*

*\*Depending on location;  
NOAA Low Projection*

Source: NOAA



## Environment



FEDERAL PERFORMANCE MEASURE (FIVE-YEAR ROLLING AVERAGE)	2016	2017	2018	2019	2020	TREND	CALENDAR YEAR 2022 TARGET	TARGET MET?
<i>FATALITIES</i>	2,690.0	2,827.0	2,973.4	3,110.6	3,189.8		0	No
<i>FATALITY RATE (PER 100 MILLION VMT)</i>	1.33	1.36	1.40	1.43	1.47		0	No
<i>SERIOUS INJURIES</i>	20,877.2	20,943.0	20,737.0	20,166.4	18,975		0	No
<i>SERIOUS INJURY RATE (PER 100 MILLION VMT)</i>	10.37	10.14	9.77	9.29	8.71		0	No
<i>NON-MOTORIZED FATALITIES AND SERIOUS INJURIES</i>	3,361.6	3,371.4	3,410.4	3,401.8	3,282.2		0	No



# Safety

BRIDGE CONDITION PERFORMANCE MEASURES	2017 (BASELINE)	2018	2019	2020	TREND	2019 TARGET	2021 TARGET
% OF NHS BRIDGES IN GOOD CONDITION	67.7%	66.2%	65.6%	N/A		≥50%	≥50%
% OF NHS BRIDGES IN POOR CONDITION	1.2%	1.2%	0.5%	N/A		≤10%	≤10%

PAVEMENT CONDITION PERFORMANCE MEASURES	2017 (BASELINE)	2018	2019	2020	TREND	2019 TARGET	2021 TARGET
% OF PAVEMENT ON THE INTERSTATE SYSTEM IN GOOD CONDITION	66.1%	54.2%	68.0%	68.8%		N/A	≥60%
% OF PAVEMENT ON THE INTERSTATE SYSTEM IN POOR CONDITION	0.0%	0.6%	0.5%	0.6%		N/A	≤5%
% OF PAVEMENT ON NON-INTERSTATE NHS IN GOOD CONDITION	44.0%	39.9%	41.0%	N/A		≥40%	≥40%
% OF PAVEMENT ON NON-INTERSTATE NHS IN POOR CONDITION	0.4%	0.4%	0.3%	N/A		≤5%	≤5%



# Infrastructure Condition



ADDITIONAL MEASURES	2017 (BASELINE)	2018	2019	2020	TREND	2019 TARGET	2021 TARGET
<i>PERSON-MILES ON THE INTERSTATE HIGHWAY SYSTEM THAT ARE RELIABLE</i>	82%	84%	83%	N/A		≥75%	≥70%
<i>PERSON-MILES ON THE NON-INTERSTATE NATIONAL HIGHWAY SYSTEM THAT ARE RELIABLE</i>	84%	86%	87%	N/A		≥50%	≥50%
<i>TRUCK TRAVEL TIME RELIABILITY INDEX ON THE INTERSTATE HIGHWAY SYSTEM</i>	1.43	1.43	1.45	N/A		≤1.75	≤2.00



# System Performance



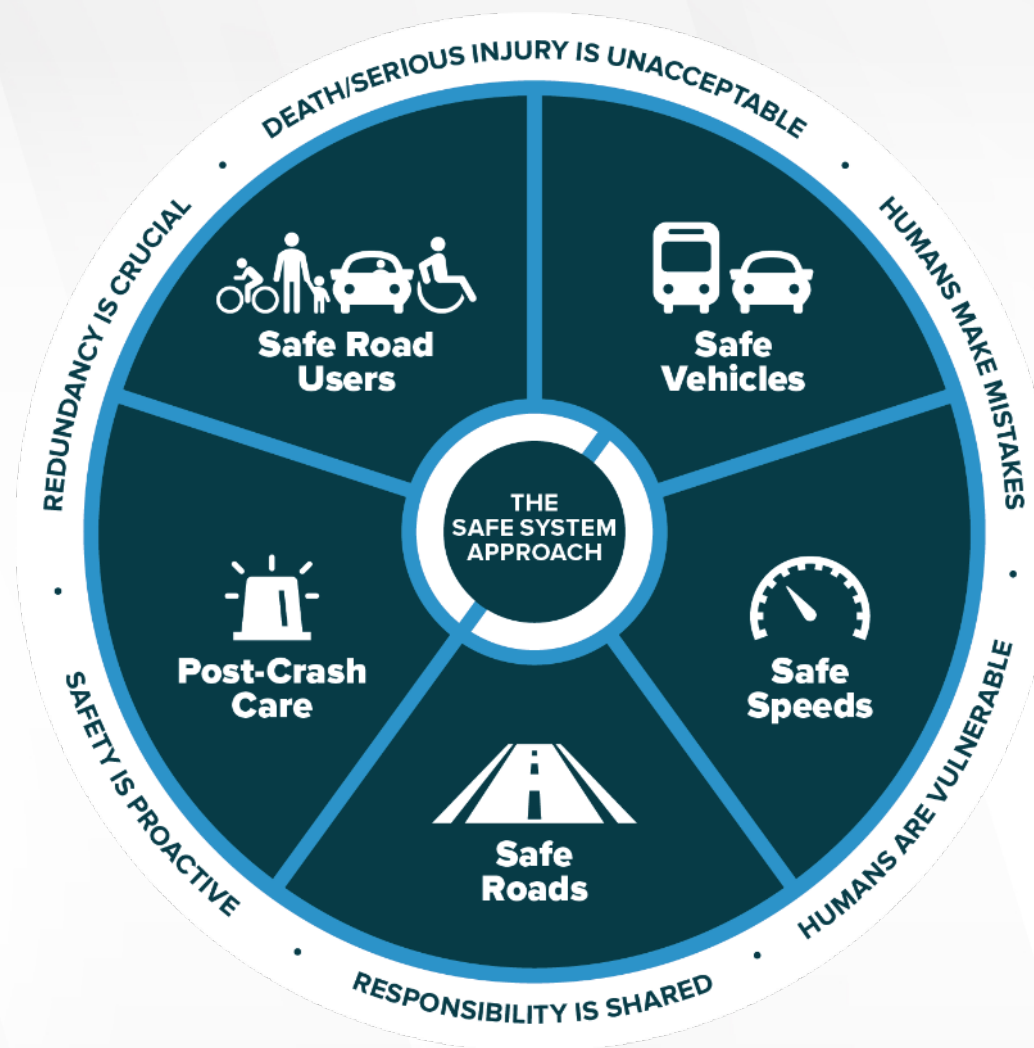




U.S. Department  
of Transportation

## National Roadway Safety Strategy

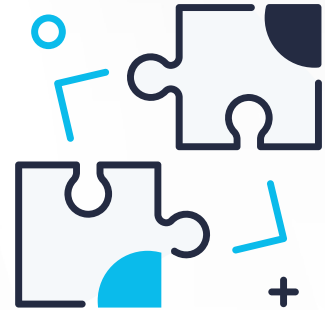
United States Department of Transportation | January 2022



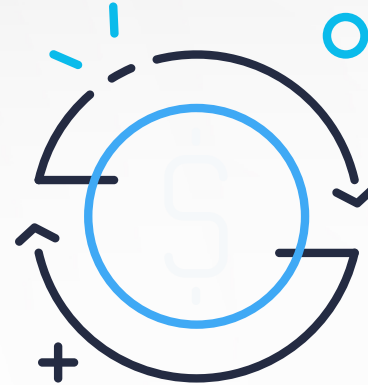
# Safety



## NEW LAWS & REGULATIONS



## NEW PLAN REQUIREMENTS



## NEW FUNDING OPPORTUNITIES



## REGIONAL & LOCAL EFFORTS



# Resilience

BY 2030,  
**MINORITIES**  
WILL ACCOUNT FOR  
**23%**  
OF FLORIDA'S  
**POPULATION**

Source: Bureau of Economic and Business Research.



NEARLY  
**1 IN 4**  
FLORIDIANS  
WILL BE  
**65**  
OR OLDER  
BY 2030

Source: Bureau of Economic and Business Research.



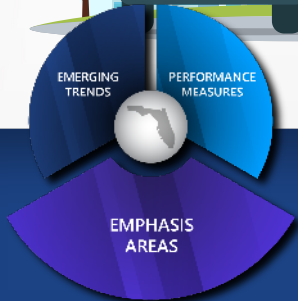
**16M** TRIPS  
FOR  
**TRANSPORTATION**  
**DISADVANTAGED**  
**PASSENGERS** IN 2020



**12%**  
OF FLORIDIANS ARE LIVING  
**BELOW THE POVERTY LINE**



Equity







# Innovation







# Implications for Planning

*SAFETY, RESILIENCE, EQUITY, & INNOVATION*

*PLANNING AND ENVIRONMENTAL LINKAGES*

*FUNDING OPPORTUNITIES*

*IMPLEMENTATION*



# Actions for Programming Cycle

*SAFETY, RESILIENCE,  
EQUITY, & INNOVATION*

*A NETWORK APPROACH*

*FEDERAL FUNDS*

*PARTNERSHIPS*

*FEDERAL DISCRETIONARY GRANTS*

# DO NOT DISTURB

'Do Not Disturb While Driving' features are increasingly common on cell phones and are often only disabled manually. Disabling this feature for access to your texts, emails, and voicemails while driving leaves you vulnerable to temptation that results in 1.6 million crashes each year\*.

**Put Your Phone Down.**



# THANK YOU!

Alison Stettner  
Office of Policy Planning  
[Alison.Stettner@state.dot.fl.us](mailto:Alison.Stettner@state.dot.fl.us)  
850-414-4814



# FTP Implementation Element Update

A graphic on the left side of the slide consisting of several nested, right-pointing chevrons. The chevrons are formed by teal-colored lines of varying thicknesses on a white background, creating a sense of depth and movement towards the right.

# Transit and Rail Strategy





## Rail and Transit



Regional Listening Sessions





# PURPOSE



Gather input on how rail and transit should function as part of an integrated, statewide and regional transportation system



Gather input on the roles and responsibilities of FDOT and other partners



Strengthen collaboration to advance rail and transit priorities



# AGENDA

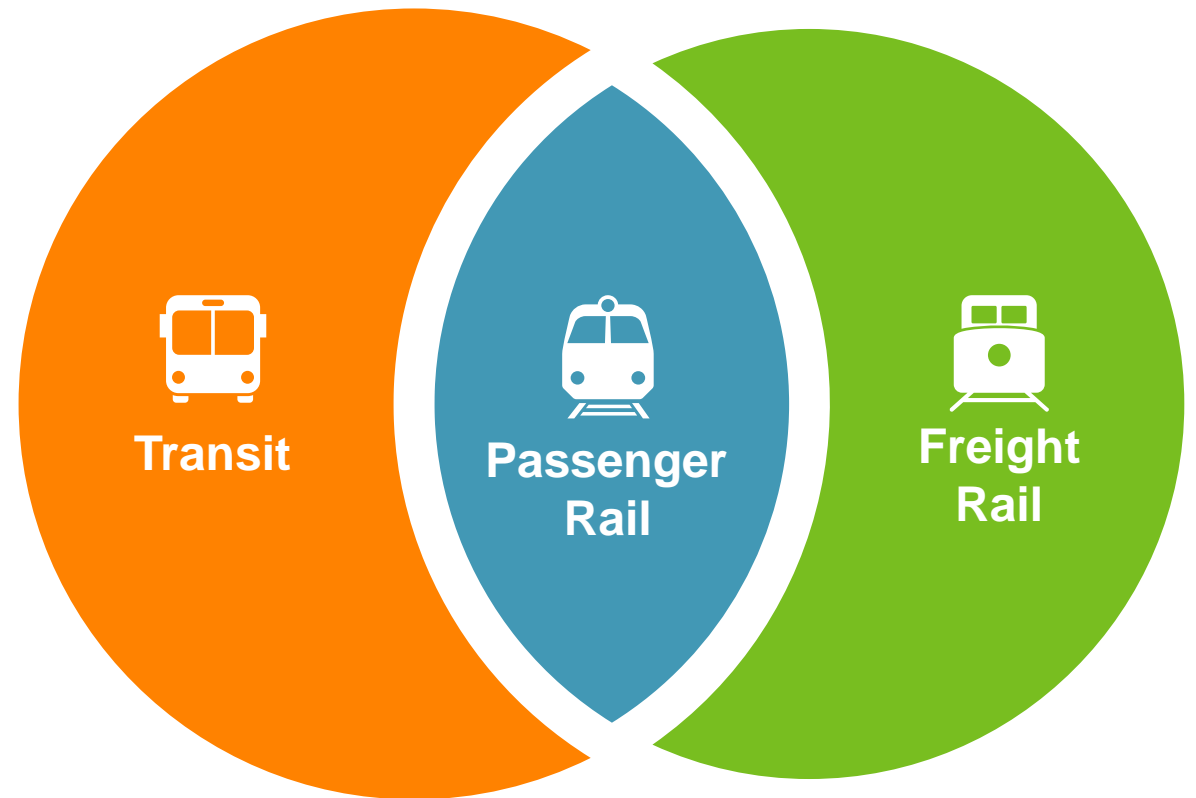
**01** Florida's Transportation  
Vision

**02** Rail & Transit System  
Overview & Strategies

**03** Next Steps



# MULTIMODAL CONNECTIVITY





# TRANSIT



Urban



Rural



Intercity

**217.6 Million** passenger trips (2019)



# INDUSTRY TRENDS



**Declining Ridership**



**New Mobility**



**Mobility as a Service and  
Advanced Technologies**



# POTENTIAL TRANSIT STRATEGIES



Include High-Capacity Premium Transit in Integrated Mobility Corridors



Integrate Technology and Emerging Mobility



Encourage Regionalism



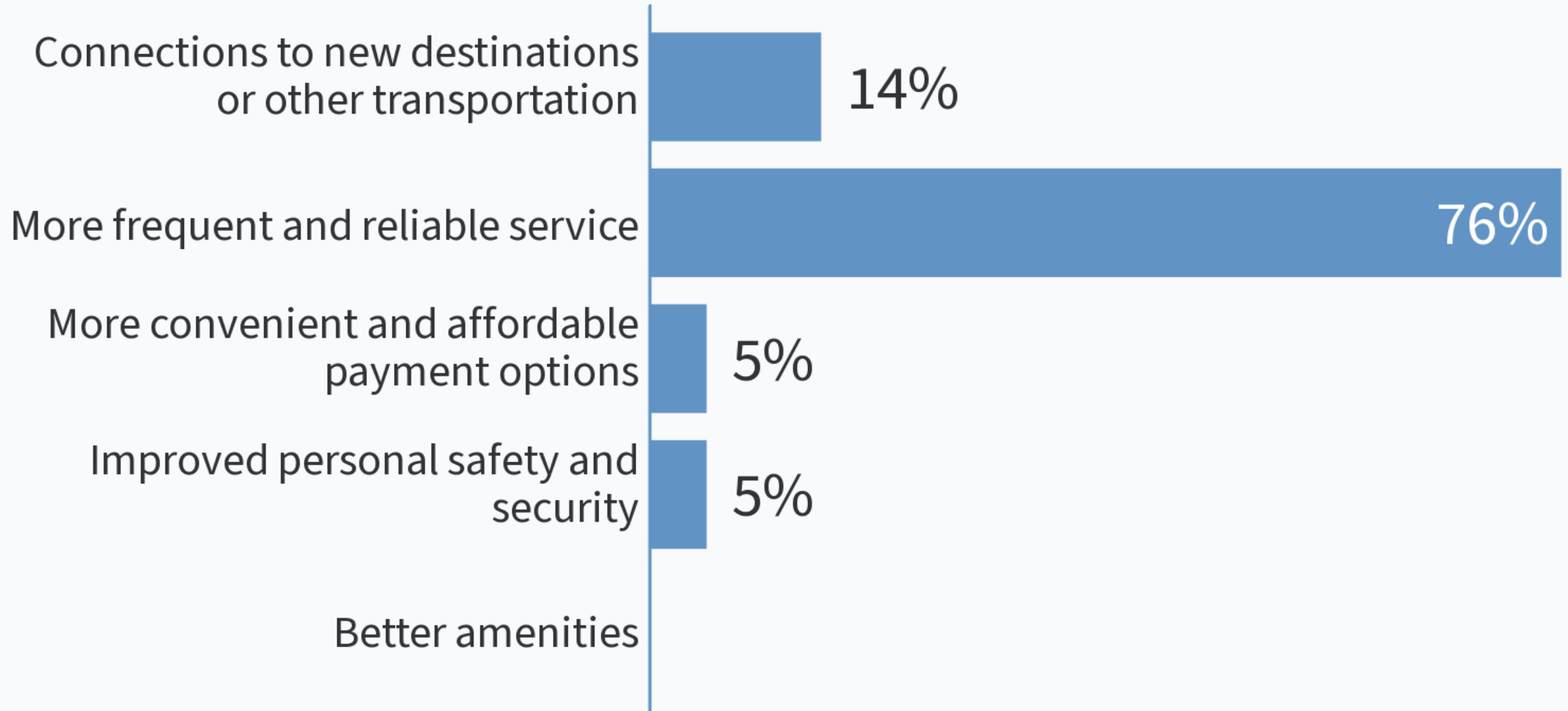
Enhance Access to Activity Centers, Facilities and Services



Encourage Co-location with Other Modes



# What would encourage you to use transit?



# PASSENGER RAIL



Intercity



Regional

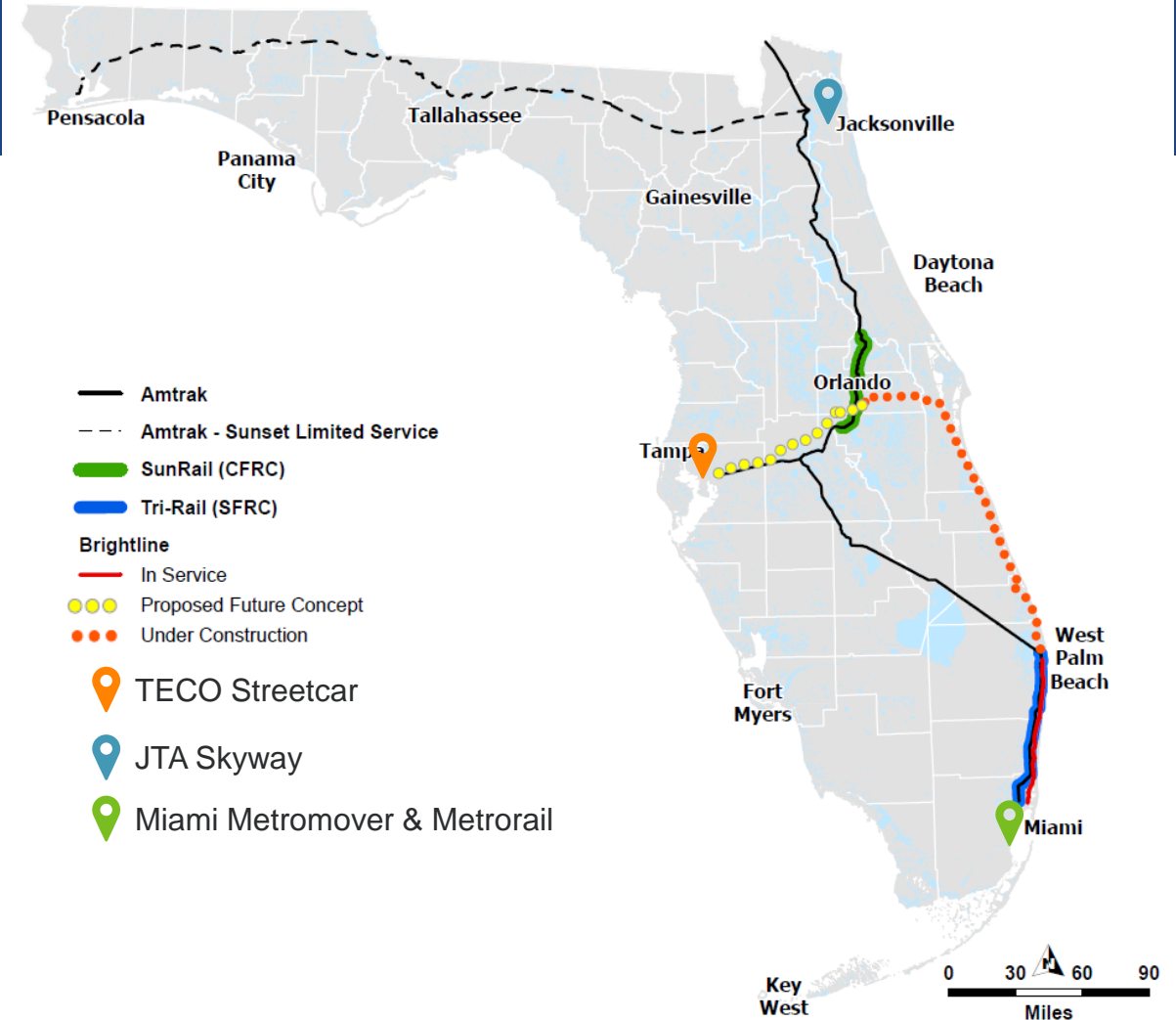


Urban

## Providers



*brightline*



**7.8 Million** Rail Passengers (2019)

# INDUSTRY TRENDS



**New Federal Funding**

**Sustainability Focus**

**Safe and Reliable Mobility**



# POTENTIAL PASSENGER RAIL STRATEGIES



Create  
Intercity  
Hybrid  
Model



Preserve  
Corridors



Lead  
Regional  
Efforts



Ensure  
**Regional/  
Local  
Funding  
Mechanisms**



Assistance  
to Local  
Partners

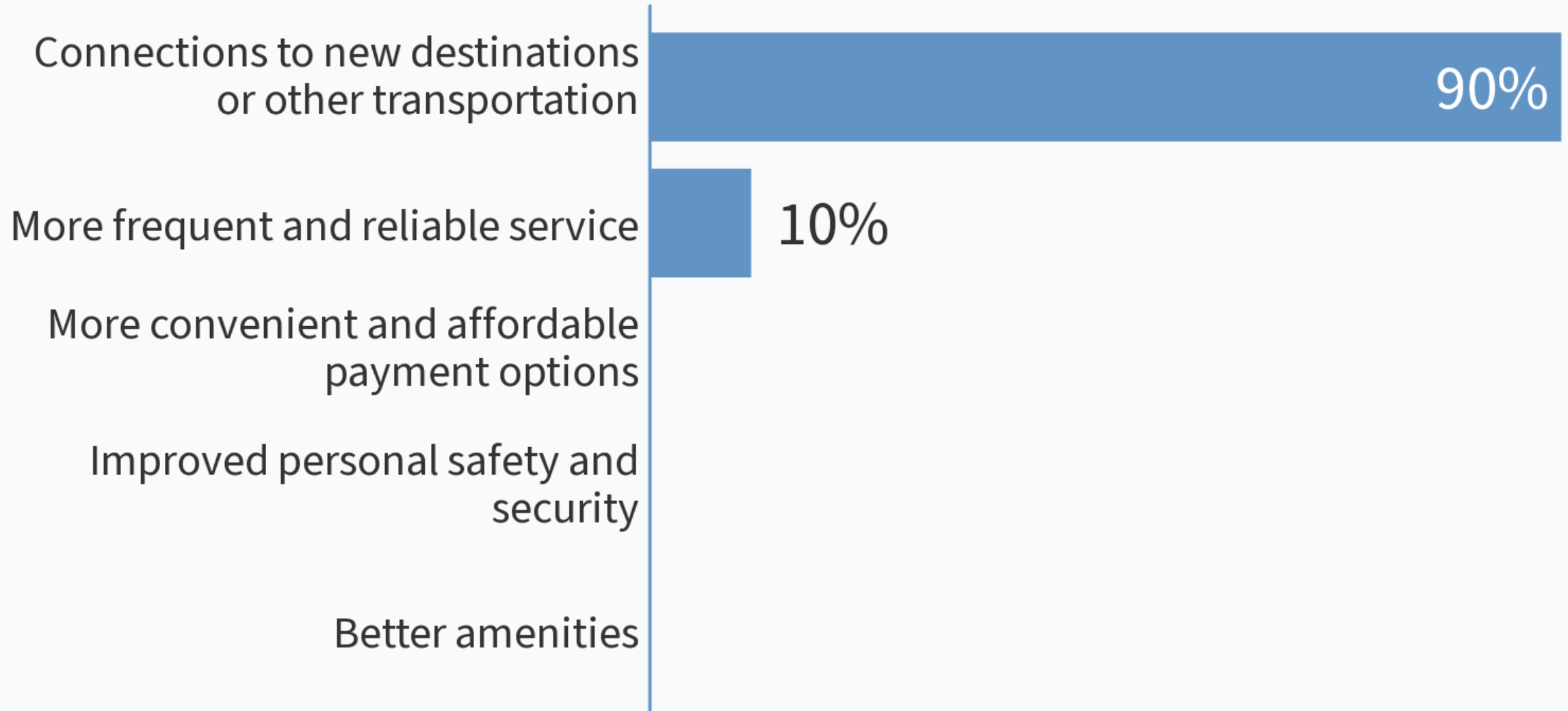


Balance  
Needs of  
All Users





# What would encourage you to use passenger rail?



# FREIGHT RAIL

Class I

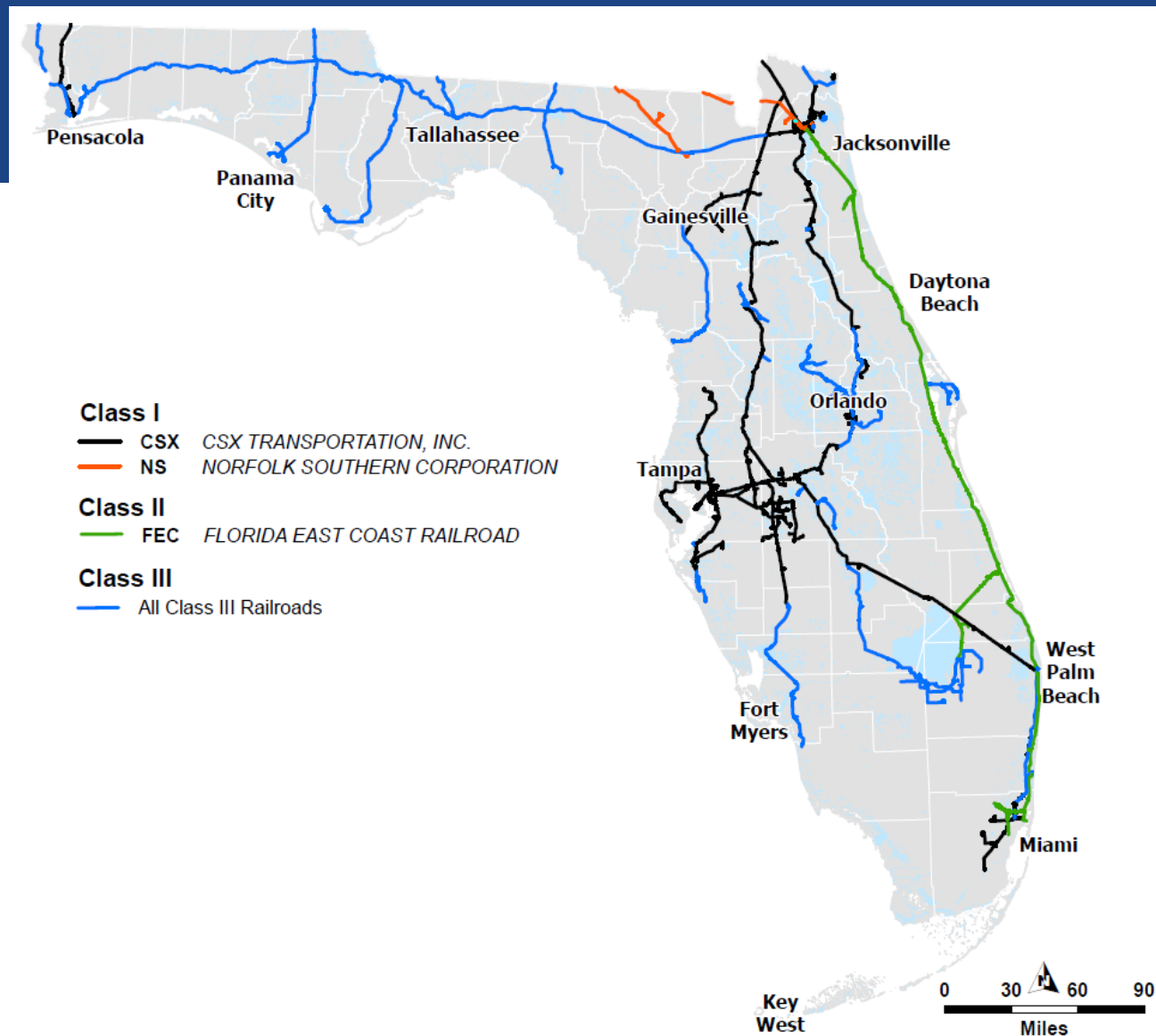
Class II

Class III

Partners



Florida  
East Coast  
RAILWAY



78 Million tons (2019)

# INDUSTRY TRENDS



Partnership with Passenger Rail

Industry Consolidation

Technology / Decarbonization



# POTENTIAL FREIGHT RAIL STRATEGIES



Safety



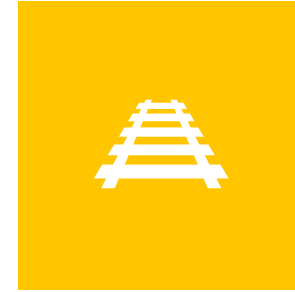
Liability



Capacity



Funding



New Rail  
Access

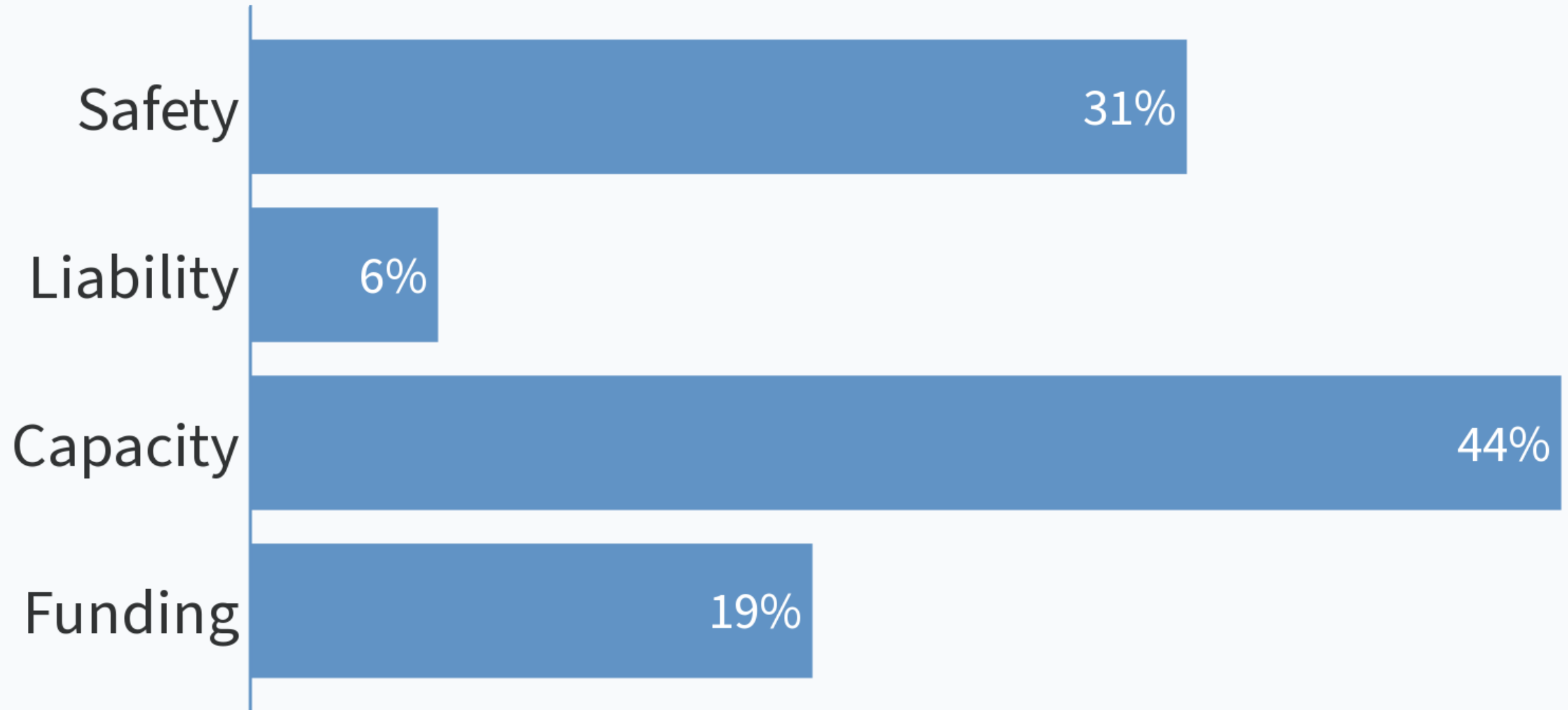


Economic  
Development





# Which of the following is your top freight rail priority?



# LISTENING SESSIONS



**MAR 29TH**

**APR 6TH**

**APR 7TH**

**APR 12TH**

**APR 13TH**

**APR 26TH**

**TBA**

**Jacksonville**  
FDOT  
District Two  
Headquarters  
Training Room  
1:00- 4:00 PM

**Lakeland**  
Magnolia Building  
9:00 AM –  
12:00 PM

**Longwood**  
Longwood  
Community  
Building  
9:00 AM –  
12:00 PM

**Ft. Myers**  
Riverside  
Community  
Center  
9:00 AM –  
12:00 PM

**Aventura Miami**  
Aventura Branch  
Library  
1:00- 4:00 PM

**Marianna**  
Jackson County  
Agriculture Center  
9:00 AM –  
12:00 PM

**Statewide  
Closing**  
Virtual  
*GoToWebinar*  
TBA

For more information and to register: [FDOT.gov/rail-transit-listening](https://www.flhwy.com/rail-transit-listening)

# NEXT STEPS



**Send Additional  
Comments to**

*RAIL @dot.state.fl.us*  
*fdot.transit@dot.state.fl.us*



**Continue the  
Conversation**





# Questions?

Holly Cohen

*Freight and Rail Planning Administrator*

850-414-5211

[holly.cohen@dot.state.fl.us](mailto:holly.cohen@dot.state.fl.us)

Liz Stutts


*State Transit Manager*

850-414-4530

[elizabeth.stutts@dot.state.fl.us](mailto:elizabeth.stutts@dot.state.fl.us)








# National Electric Vehicle Infrastructure Program



# THE ELECTRIC VEHICLE INFRASTRUCTURE DEPLOYMENT PLAN



# National Electric Vehicle Infrastructure (NEVI) Formula Program



# NEVI Formula Program

New Federal program enacted with **Bipartisan Infrastructure Law (BIL)**

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**\$198 million to Florida over 5 years (\$29 million in FY22)**

---

Each State must develop an **Electric Vehicle (EV) Infrastructure Deployment Plan**

# NEVI Funding Eligible Activities

Purchase & Install EV Charging Infrastructure

---

Operating assistance (up to 5 years)

---

Developmental activities

---

Signage

---

Data sharing costs

---

Mapping and analysis

# NEVI Funding Requirements

Passenger vehicles & light trucks

---

Alternative Fuel Corridor

---

Prioritize Interstate System

---

Publicly available

---

1 mile from Interstate interchanges

---

50 miles apart

---

Power and charging capabilities

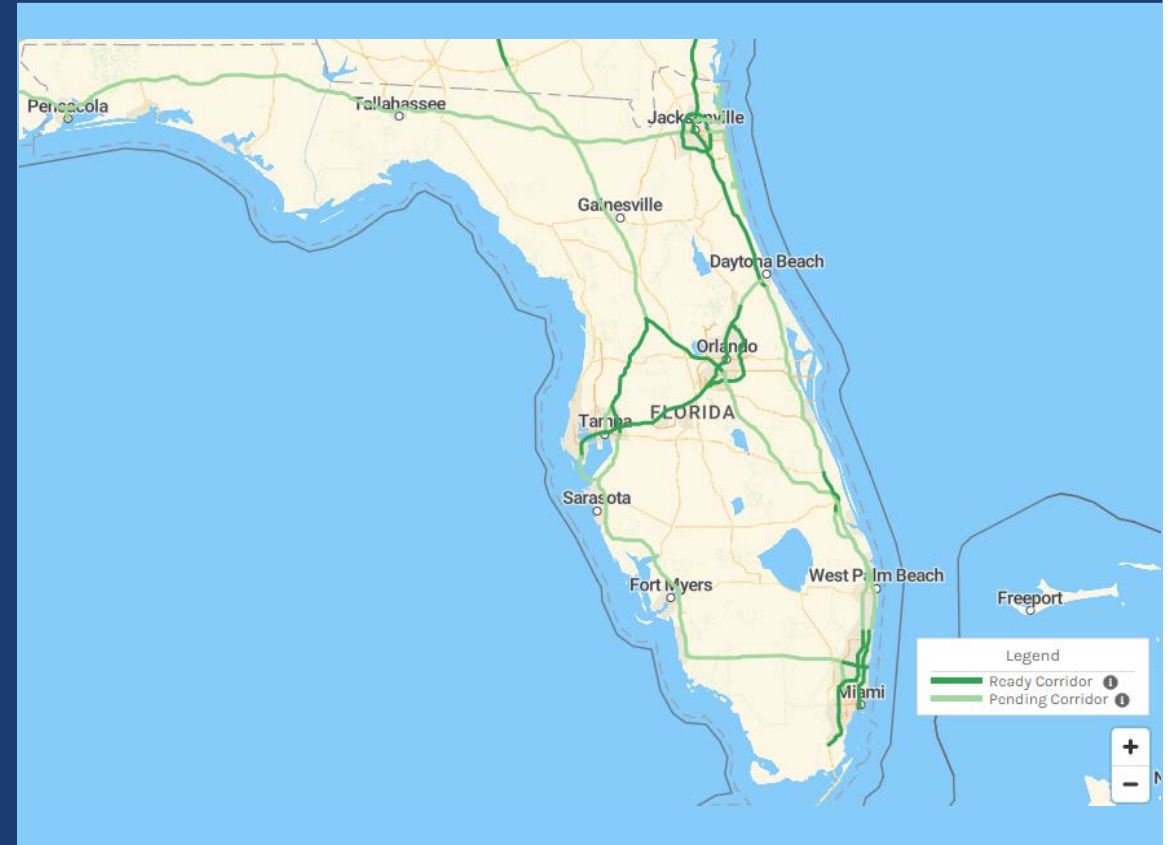
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# Alternative Fuel Corridors

Florida	I-4
	I-10
	I-75
	I-95
	I-110
	I-275
	I-295
	I-595

Florida	SR-A1A
	SR-91
	SR-105
	SR-417
	SR-821



Round 6 Applications due to FHWA by May 13, 2022

A photograph of an electric vehicle charging station. In the foreground, the rear of a white car is visible, parked at a charging station. The charging station is a white, vertical unit with a green screen and a charging cable. Above the station is a blue sign with a white icon of a charging station. In the background, there is a modern building with large glass windows and a corrugated metal facade. The scene is set outdoors on a paved area.

# Florida Infrastructure Deployment Plan

# Process for NEVI Infrastructure Deployment Plan

- **Analyze** current conditions with Federal requirements
- **Gather** stakeholder input
- **Develop** the deployment plan



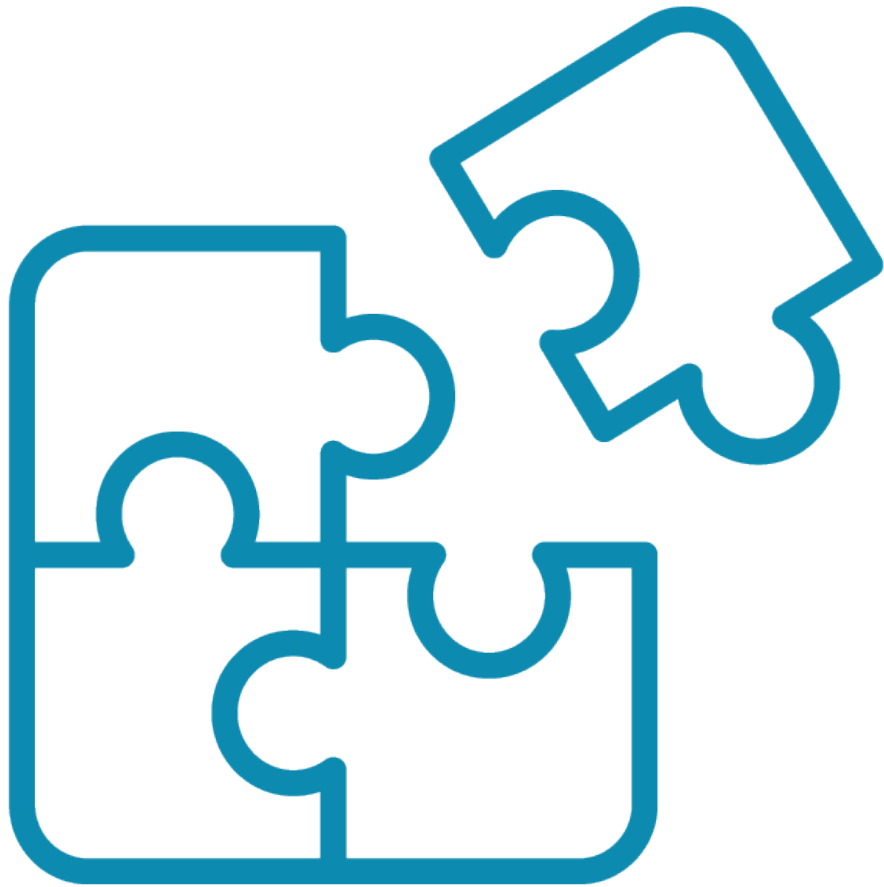
Florida must submit its Plan by Summer



# Outreach Plan

- ▶ State agency coordination
- ▶ Federally recognized Tribes
- ▶ Stakeholder meetings
- ▶ Public rail/transit regional listening sessions
- ▶ Online survey and forum
- ▶ Presentation to interested groups

# Deployment Plan



State Agency Coordination

---

Public Engagement

---

Vision and Goals

---

Existing/Future Conditions Analysis

---

Deployment Methods

---

Implementation

---



# Questions?

**April Combs**  
**Statewide Planning Coordinator**  
**[april.combs@dot.state.fl.us](mailto:april.combs@dot.state.fl.us)**



# Public Comment

Provide your name and county of residence

Please keep comments to no more than 3 minutes



# Next Steps

- **Implementation Element**
  - Complete draft to Committee in April with time for comments
  - Publish Implementation Element in May
- Continue to coordinate on key FTP implementation priorities
- **Next meeting Fall 2022**
  - Updates and monitoring of implementation actions



# SAFETY IS IN YOUR HANDS

Distracted driving was directly responsible for 23,000 deaths and well over a million injuries in the U.S. between 2012 and 2018\*. You have a choice every time you get behind the wheel. Plan adequate time to get to your destination. Never use your smartphone or other electronic devices while driving. The choice is yours. Make the safe one.

**Always Travel Safely.**



\*Sourced from National Highway Traffic Safety Administration