



**FMTTP24**  
FREIGHT MOBILITY AND TRADE PLAN

# FLORIDA'S FREIGHT MOBILITY & TRADE PLAN

**Regional Freight Forum Series**  
District 1 & 7 – June 19, 2023



- Welcome
- The Statewide Freight Plan
- The Regional Perspective
- Breakout Session
- Concluding Remarks

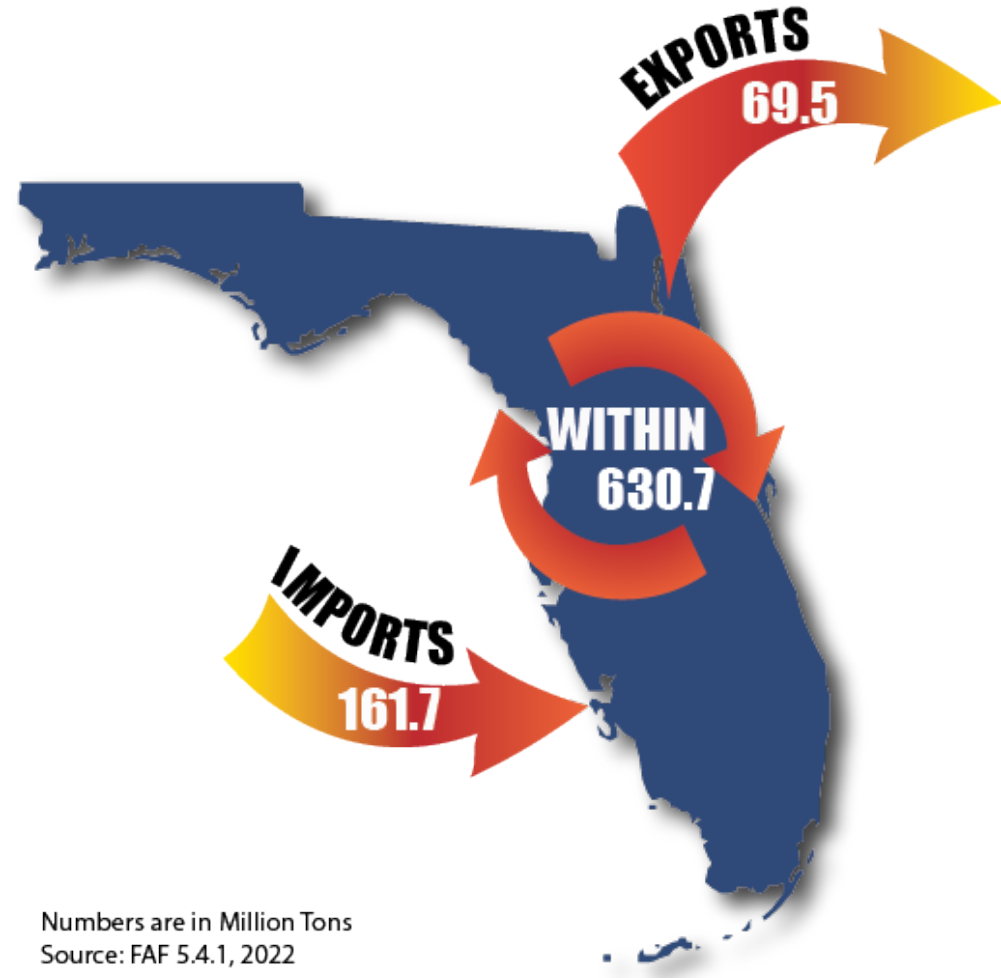
# AGENDA

# THE STATEWIDE FREIGHT PLAN



# The Importance of Freight

- Freight impacts your everyday life
- Florida's freight system is critical to the economic vitality of the state
- As the third most populous state in the U.S., Florida consumes a significant amount of goods and commodities
- Florida is strategically positioned as a regional and national gateway



Numbers are in Million Tons  
Source: FAF 5.4.1, 2022

# Why Plan for Freight?

## Purpose

- Identify freight mobility issues and needs
- Develop policies, programs and projects
- Support economic development and commercial trade
- Fulfill federal regulations

## Characteristics

- Multimodal – all freight modes
- Intermodal connectivity
- Understandable & pragmatic
- Implementable plan
- Supports on-going planning
- Prioritization: Highest needs matched with project selection

## Cohesion

- Supports LRTP
- Aligns with modal plans: Rail, Highway, Maritime, Space and Air
- Supports federal freight goals
- Provides support & guidance for local freight planning/District plans

# What is the FMTP?

- A comprehensive plan that focuses on the movement of goods in, out, and around Florida
- Identifies freight transportation facilities critical to the state's economic growth and guides multimodal freight investments in the state
- Required to receive funding under the National Highway Freight Program



# A Brief History

2012

MAP-21 established national freight policy and goals and a formal national freight network. Florida's House Bill 599 directed the State to create a freight plan.

2013/14

Florida published its first Statewide Freight Plan



2015

The FAST Act created a National Multimodal Freight Network and dedicated freight funding through the National Highway Freight Program.

2017

A freight office was established within FDOT.

2020

Florida published its second FMTP.



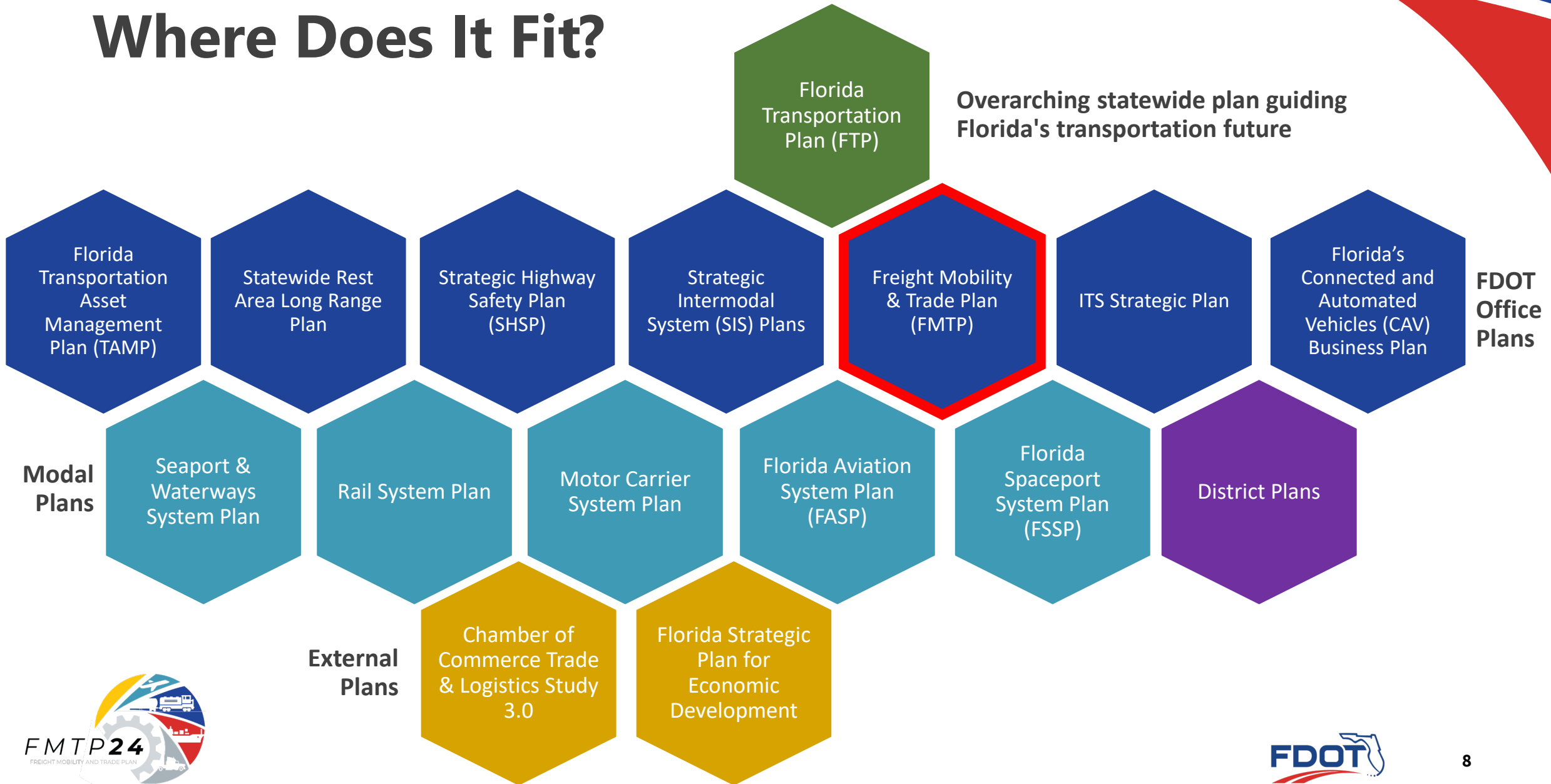
2021

The IIJA was passed, creating the opportunity for substantial investments in freight infrastructure.

2023

FDOT is working on Florida's third Statewide Freight Plan.

# Where Does It Fit?





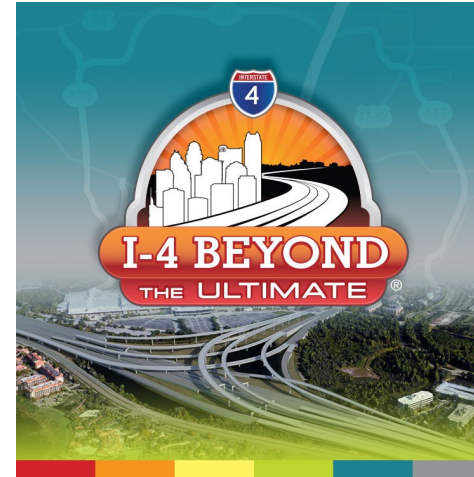
# Who Benefits, and How?

<b>General Public</b>	to understand freight's contribution to every day life
<b>Local Government</b>	to measure progress using plan metrics, leverage grants, apply for funding
<b>Elected Officials (Local/Legislature)</b>	to understand freight's role in economy, manufacturing, jobs
<b>Local Chambers of Commerce</b>	to explore freight's share of economy, logistics efficiency, economic strengths, challenges
<b>Manufacturers</b>	to see freight infrastructure availability, logistics efficiency, what places are pro-business
<b>News Outlets and Trade/Business Media</b>	to witness freight's role in daily life and the economy



# National Highway Freight Program (NHFP)

- The FMTP helps to determine which projects submitted from around the state will receive funding from the NHFP
- Expected funding amount per FY is ~\$65M
  - Totals finalized in yearly approval process
- This does not increase with the IJA

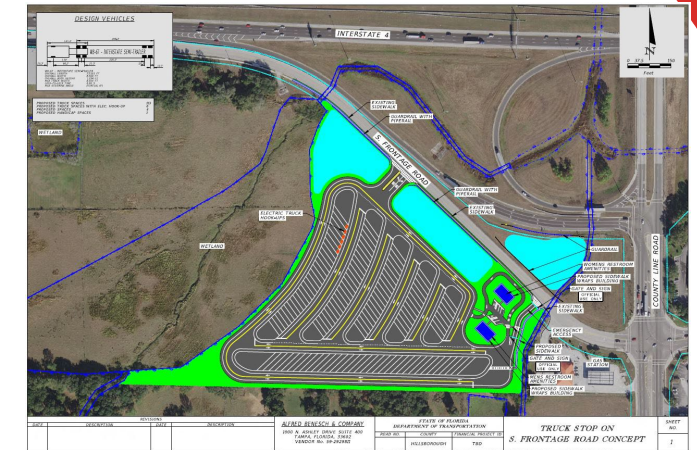


## Title:

SR 400 (I-4) 1 Mile of SR 434 to E of SR 15/600 (US17/92) 242592-4 (I-4 Beyond the Ultimate)

## NHFP Funds:

\$15,000,000



## Title:

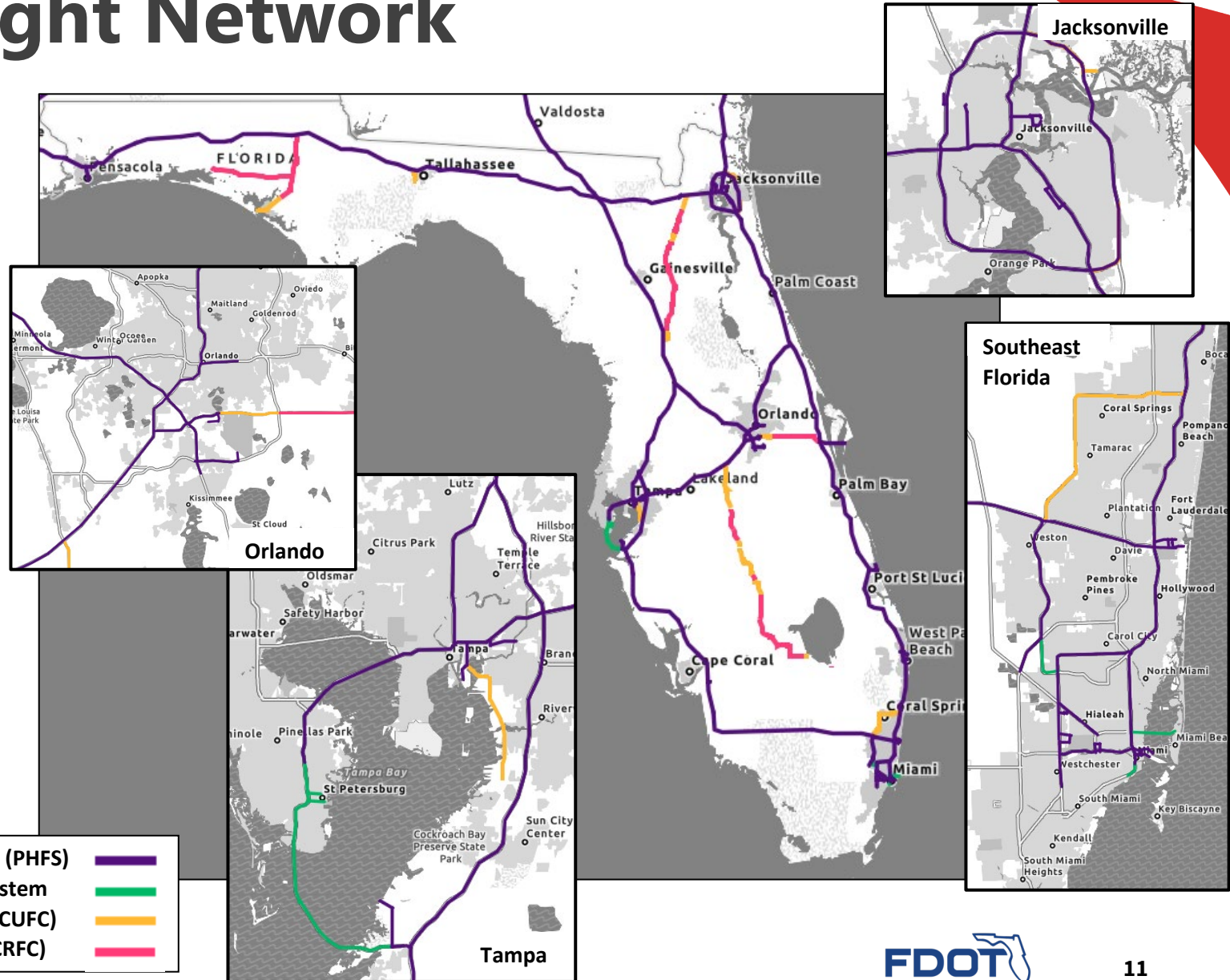
I-4 Truck Parking Facility 448698-1-52-01

## NHFP Funds:

\$1,311,404

# Relation to the Freight Network

- The National Highway Freight Network (NHFN) helps strategically direct resources toward improved system performance for efficient movement of freight on highways
- Projects submitted for NHFP funding must be on the NHFN or prove that they benefit the NHFN



# The 2020 FMTP

## 8 Technical Memorandums

- TM 1: Policies & Strategies
- TM 2: Systems & Assets
- TM 3: Conditions & Performance
- TM 4: Trends
  - Scenario Planning
- TM 5: Needs & Issues
  - SWOT Analysis
- TM 6: Prioritization & Selection
- **TM 7: Investment & Improvement**
  - Funding
- TM 8: Implementation



## 10 Chapter Visual Plan

- Chapter 1: Approach
- Chapter 2: Outreach
- Chapter 3: Assets & Conditions
- Chapter 4: Trends
- Chapter 5: Issues & Needs
- Chapter 6: Scenario Planning
- Chapter 7: Prioritization
- Chapter 8: Investment
- Chapter 9: Recommendations
- Chapter 10: Implementation

**Updated annually**

# 2020 Objectives



- 1 Leverage multisource data and technology to improve freight system safety and security
- 2 Create a more resilient multimodal freight system
- 3 Ensure the Florida freight system is in a state of good repair
- 4 Drive innovation to reduce congestion, bottlenecks and improve travel time reliability
- 5 Remove institutional, policy and funding bottlenecks to improve operational efficiencies and reduce costs in supply chains
- 6 Improve last mile connectivity for all freight modes
- 7 Continue to forge partnerships between the public and private sectors to improve trade and logistics
- 8 Capitalize on emerging freight trends to promote economic development
- 9 Increase freight-related regional and local transportation planning and land use coordination
- 10 Promote and support the shift to alternatively fueled freight vehicles



# Changes Since Last Plan

- Modal Development Office transition
- The COVID-19 pandemic and the challenges with the global supply chain
- New federal requirements & funding through the IJA
- A new group of FLFAC members
- A new Florida Transportation Plan
- New FDOT focus areas



# BIL Changes to Freight Planning



## **Increases investment in multimodal freight infrastructure**

- More formula dollars
- New and enhanced competitive programs



## **Strengthens policy and programming that guide investments**

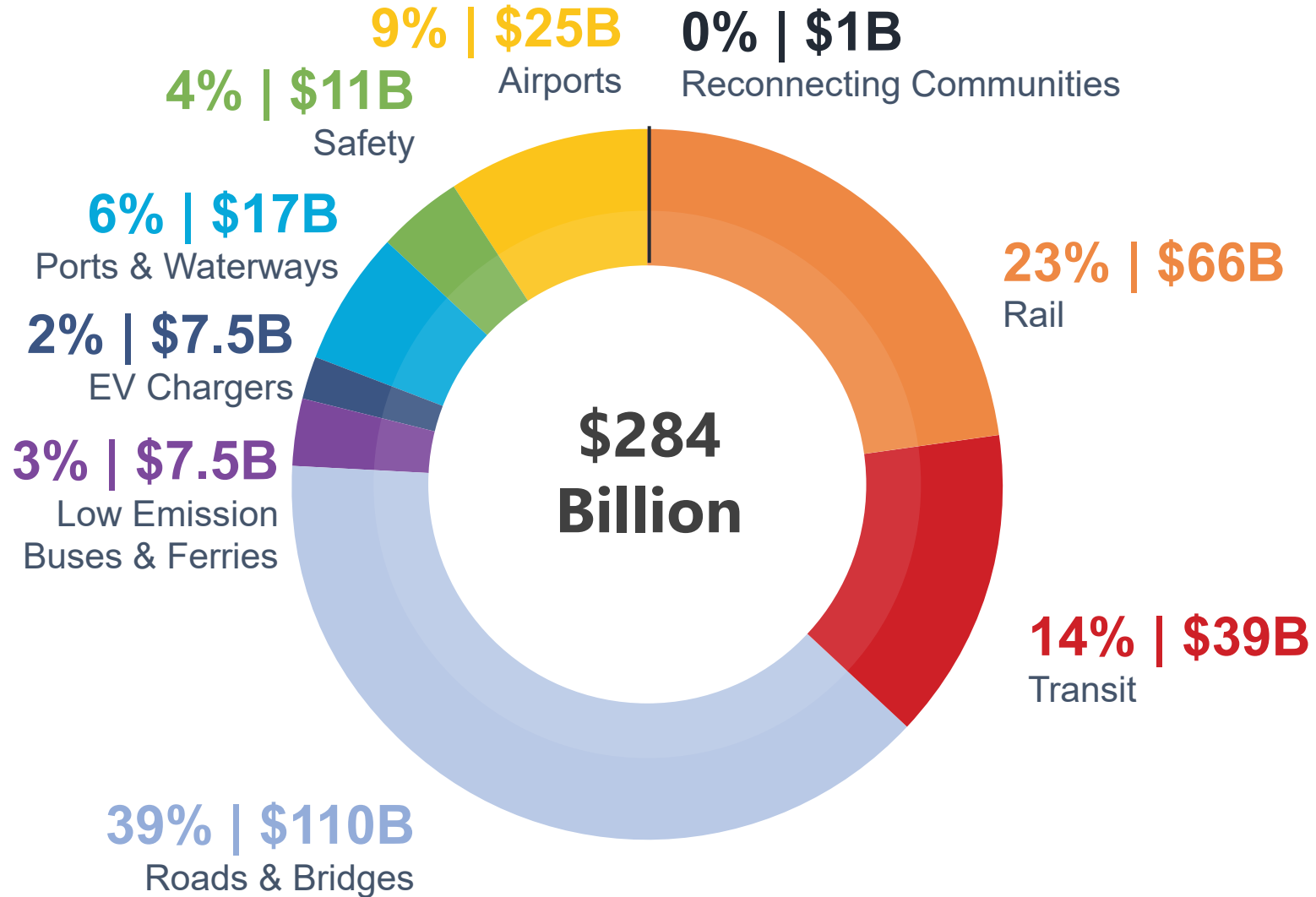
- Expanded eligibility
- Increases critical freight corridors



## **Establishes Office of Multimodal Freight Infrastructure and Policy within USDOT**



# New Transportation Investments (Nationally)





# Freight Funding Opportunities in IIJA

PROGRAMS	TYPE	FUNDED AMOUNT
National Highway Freight Program	Formula	\$7.2 Billion
National Infrastructure Project Assistance Program ("Mega-projects") <b>(NEW)</b>	Competitive	\$5 Billion
INFRA Program	Competitive	\$8 Billion
RAISE Program	Competitive	\$7.5 Billion
Reduction of Truck Emissions at Port Facilities Program <b>(NEW)</b>	Competitive	\$400 Million

# New State Freight Plan Requirements

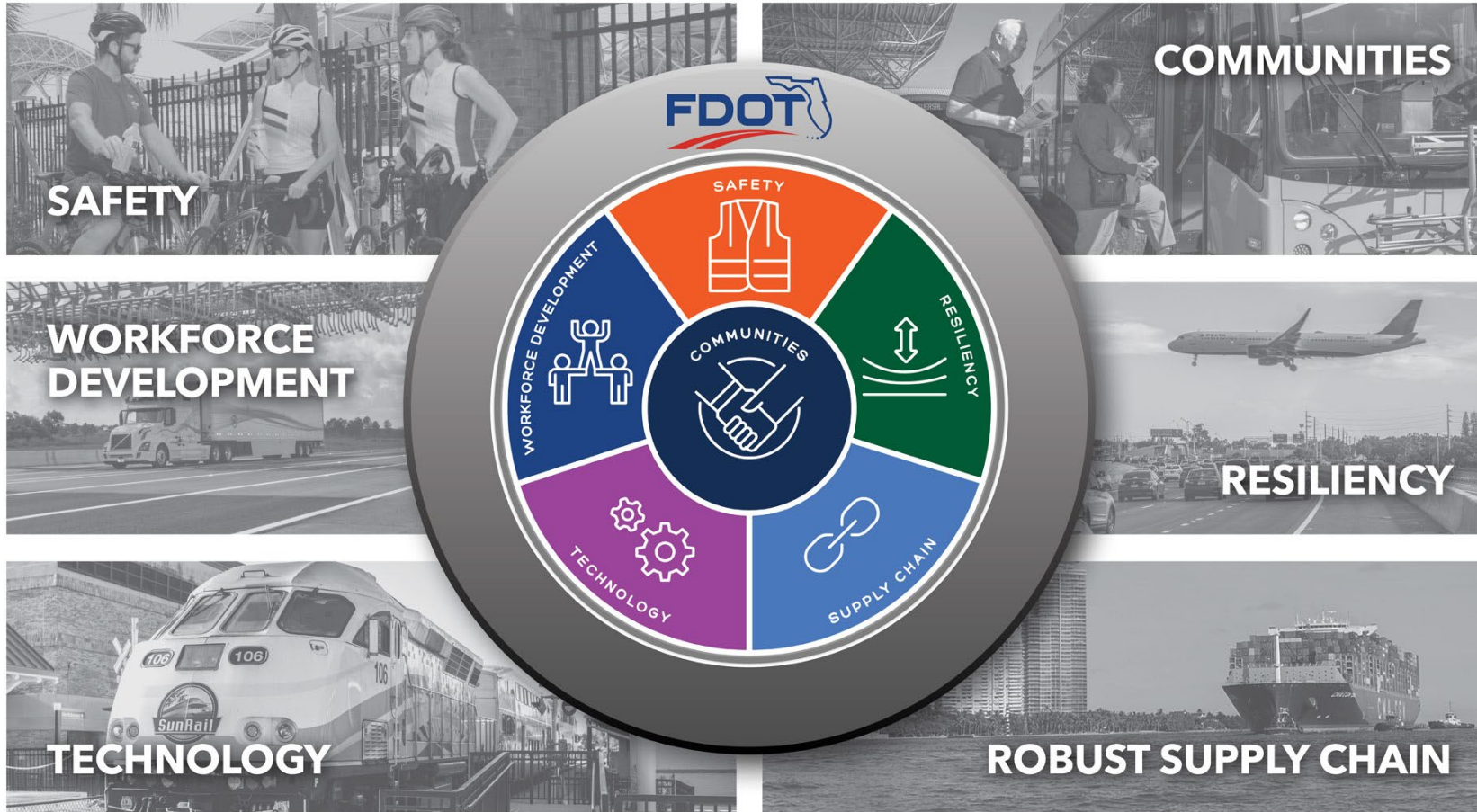
- Must be updated every four years instead of five
- Must include:
  - Supply chain cargo flows
  - Inventory of commercial ports
  - Impacts of e-commerce on freight infrastructure
  - Consideration of military freight
  - Assessment of truck parking facilities in the state
  - Strategies and goals to decrease:
    - The severity of impacts of extreme weather and natural disasters on freight mobility
    - The impacts of freight movement on local air pollution
    - The impacts of freight movement on flooding and stormwater runoff
    - The impacts of freight movement on wildlife habitat loss

# FMTP24 Plan Themes

- Innovative**
  - Make data available and interactive
  - Leverage industry best practices & FDOT efforts
- Visual**
  - Incorporate new office branding with a fresh look
  - Build on modular approach to remain concise & digestible
- Strategic**
  - Capture the true freight needs of the state
  - Align projects with funding (both discretionary & grant programs)
- Relevant**
  - Focus areas:
    - Supply chain
    - Resiliency
    - E-commerce
    - Truck parking



# FDOT Focus Areas



# REGIONAL PERSPECTIVE





# District 1

Amanda Tyner, MPA  
Freight & Seaport Coordinator







**FREIGHT  
& SEAPORT**

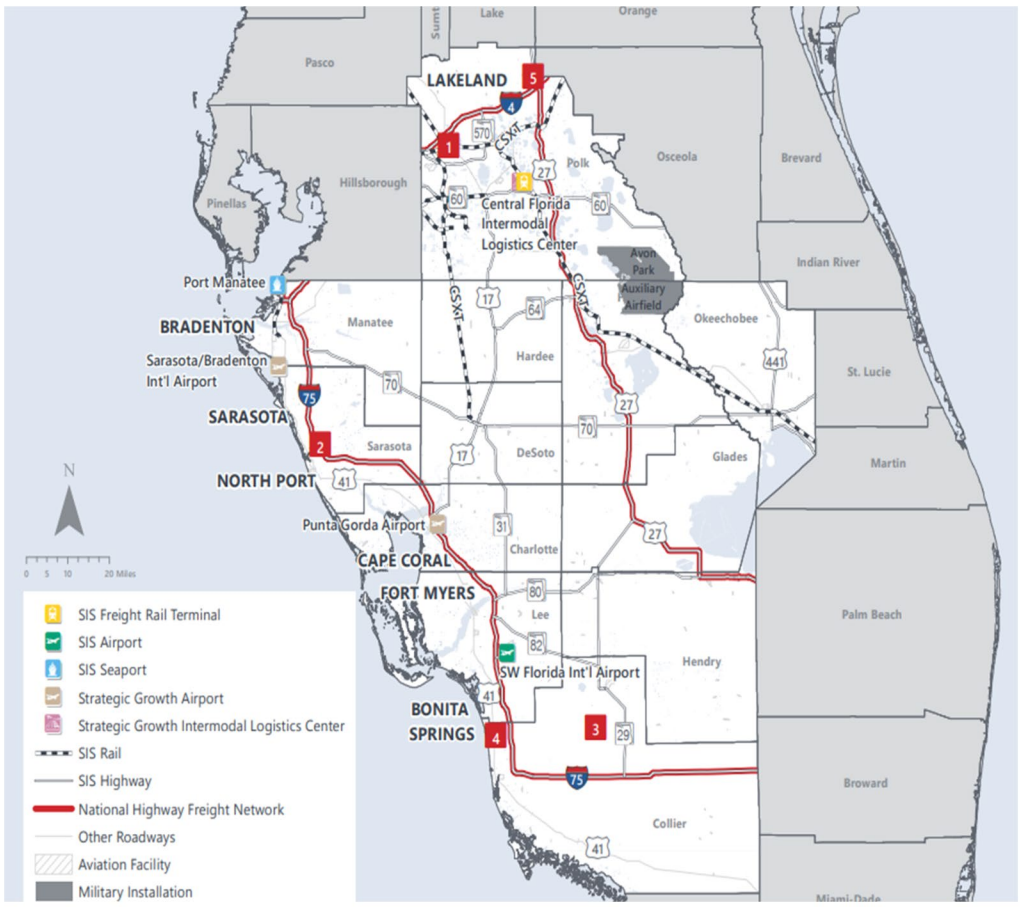
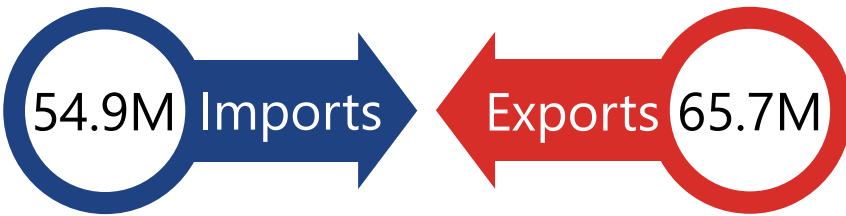
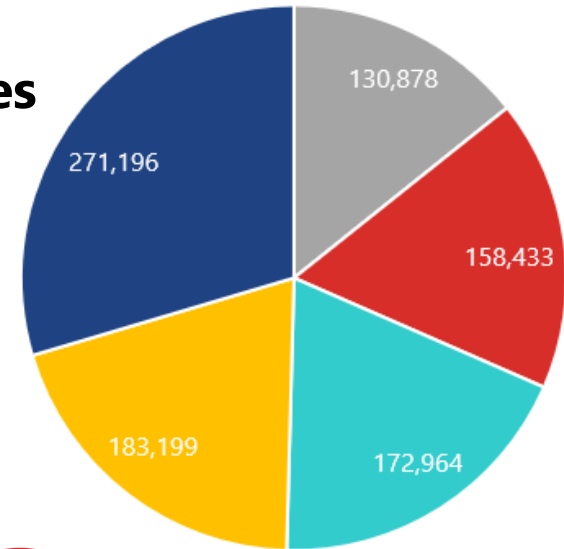
# DISTRICT ONE

 3.1 million residents

 12,000 square miles

## Top 5 Employment Industries

-  Construction
-  Arts & Entertainment
-  Professional & Scientific
-  Retail
-  Education & Health Care



*\*i/e tons, emp thousands*

# FREIGHT PROFILE



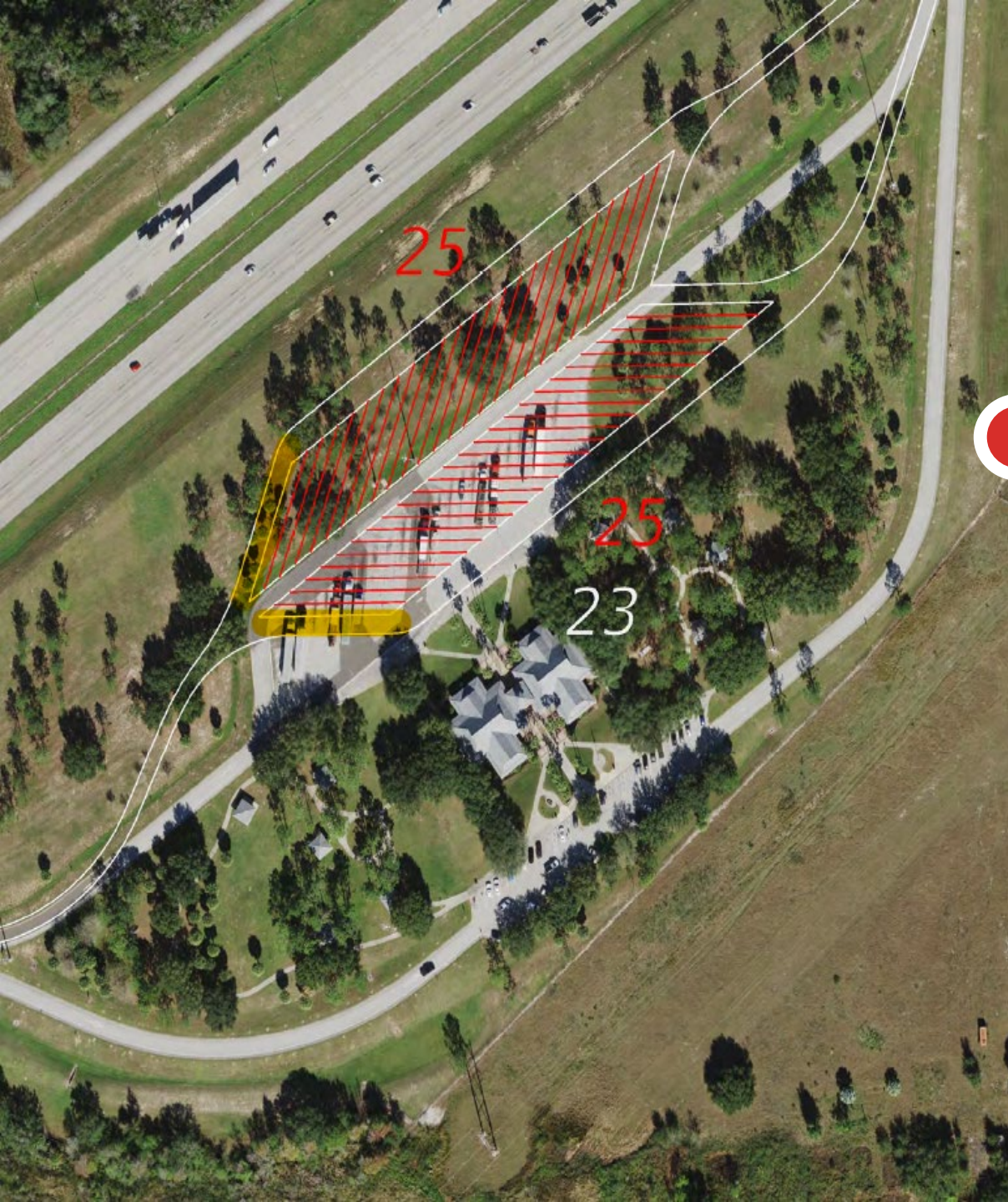




# PROJECT: Jones Loop Truck Parking

**Project ID:** 452154-1  
**Funding:** \$17 million  
**Phases:** Design 2024 Construction 2028

- Project Details:**
- 212 truck parking spaces
  - 53 park n ride spaces
  - Rehabilitation of closed rest area
  - Provide additional truck parking

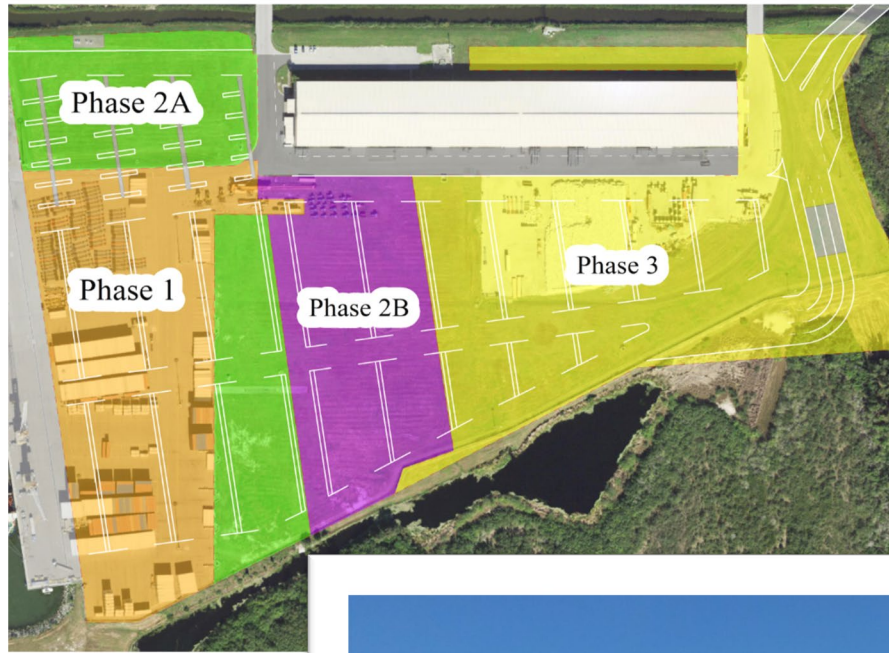


# PROJECT: I4 Rest Area Truck Parking

**Project ID:** 449737-1  
**Funding:** \$7 million  
**Phases:** Design 2024 Construction 2026

**Project Details:**

- 100 truck parking spaces
- 50 EB side, 50 WB side
- Increase rest area capacity



# PROJECT: SeaPort Manatee Container Yard Improvements

**Project ID:** 444251-1

**Funding:** \$8.1 million

**Phases:** Ongoing Construction

- Project Details:**
- Phases 2A & 2B
  - 14 acres additional capacity
  - Improve safety & efficiency



# **PUBLICATIONS**



**Polk County  
Freight Study  
In Progress**



**District One  
Freight Mobility  
Trade Plan 2023**



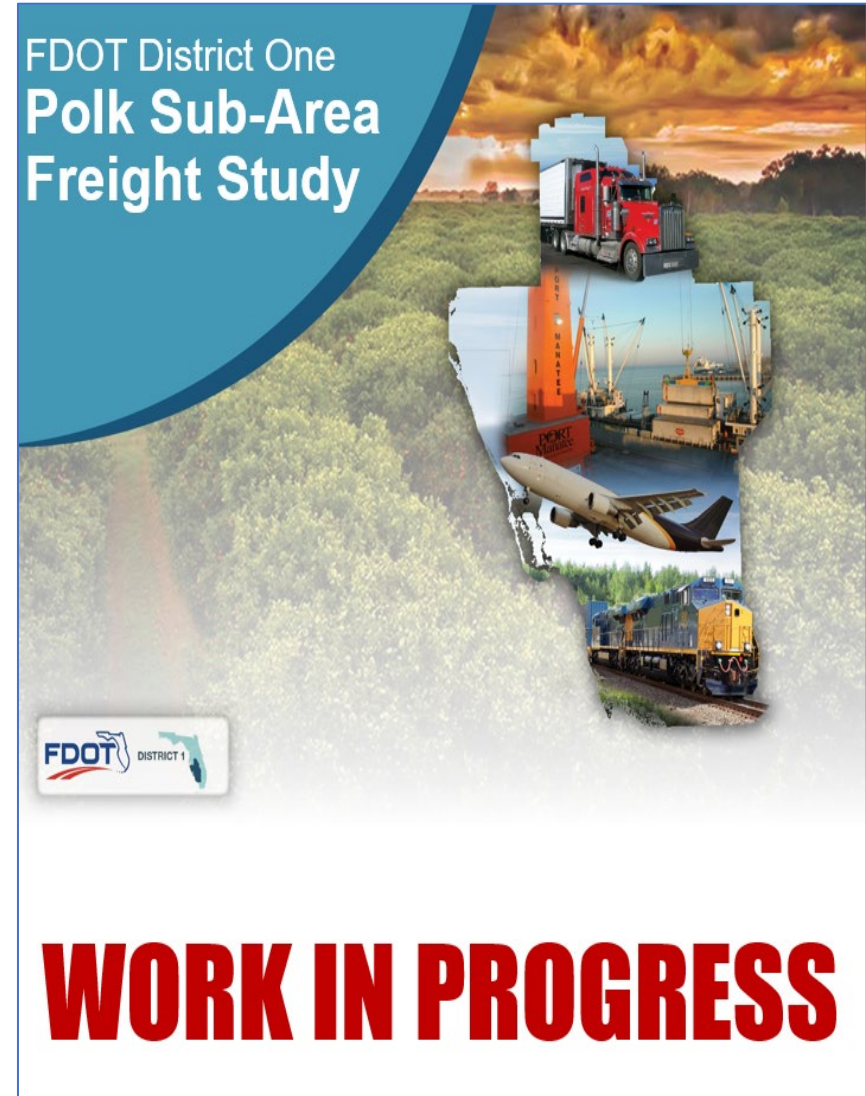
**Truck Parking  
White Paper  
2022**

# PUBLICATIONS

## POLK COUNTY SUB-AREA FREIGHT STUDY

### Purpose:

- System inventory of freight infrastructure
- Develop a Freight Economic Profile
- Identify freight movement patterns
- Recommend future projects

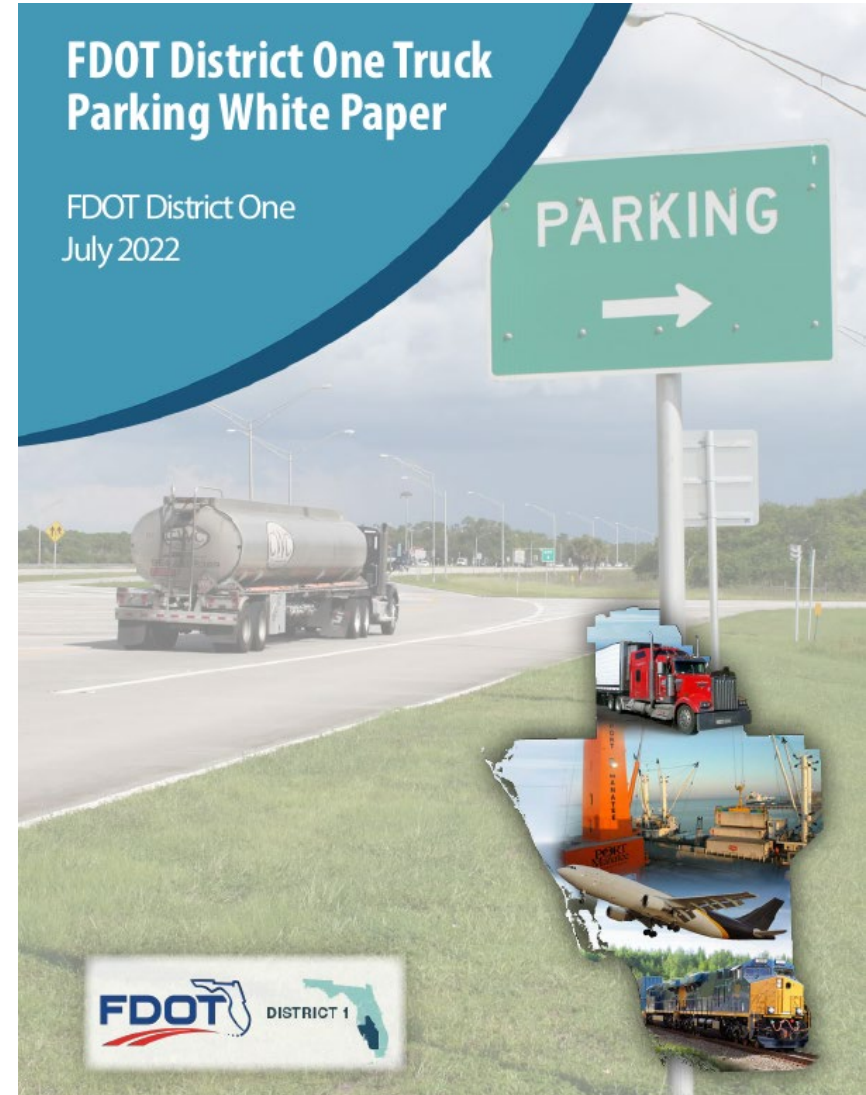


# PUBLICATIONS

## TRUCK PARKING WHITE PAPER, 2022

### Key Findings:

- 55 truck parking lots
- 225 truck parking spaces
- Seven candidate locations
- Only 3 locations have less than 50% utilization
- Hours of service, warehousing logistics, and unplanned parking



# PUBLICATIONS

## FREIGHT MOBILITY TRADE PLAN, 2023

### Key Findings:

- Seven of the top ten counties for cattle
- During the 2019-2020 growing season, D1 produced nearly 86% of all citrus produced in Florida.
- Approximately 30% of all sugar production in the country occurs in D1.



# PUBLICATIONS

## FREIGHT MOBILITY TRADE PLAN, 2023

### Key Findings:

- 143 million sq ft are dedicated to warehousing and distribution centers.
- Between 2000 and 2020, the population increased by 46.7%.
- In 2021, SeaPort Manatee reported exporting goods worth over \$208 million.







# FREIGHT PARTNERS

- How we tell the freight story
- Development and implementation of strategies to improve freight mobility



# REGIONAL PERSPECTIVE

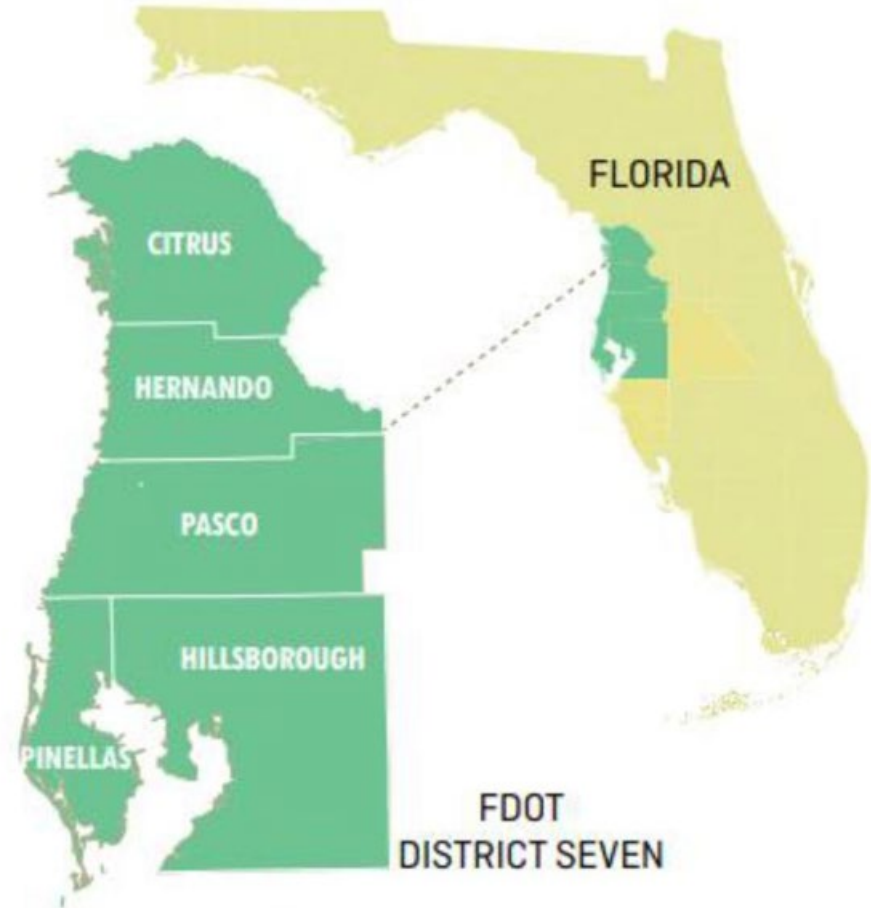
## District 7



# District 7 Profile

**1,077** Miles on the State Highway System

**43.5M** Daily Vehicle Miles Traveled



# District 7 Freight Network

Consists of:

- Interstates
- Regional Freight Mobility Corridors
- Distribution Routes
- Rail network
- Freight Activity Centers
- Intermodal Hubs
  - Airports
  - Seaports
  - Rail Intermodal Yards



# Tampa Bay Regional Strategic Freight Plan

Update is currently under development to reflect current trends

Provides strategies and actions to support Statewide FMTP Implementation

Available at [www.tampabayfreight.com](http://www.tampabayfreight.com)

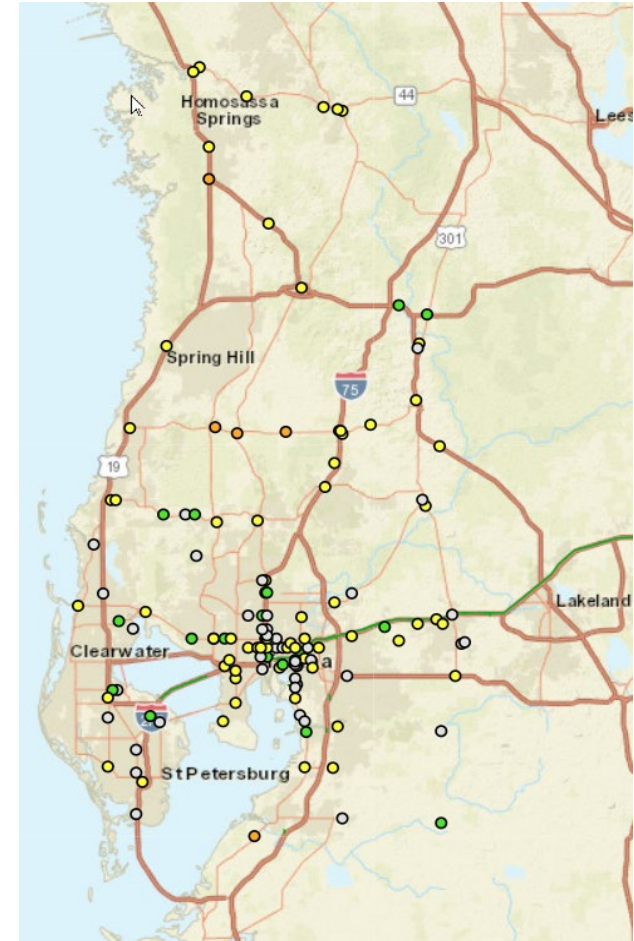


# Goods Movement Improvement Projects

## Freight Intersection Improvements

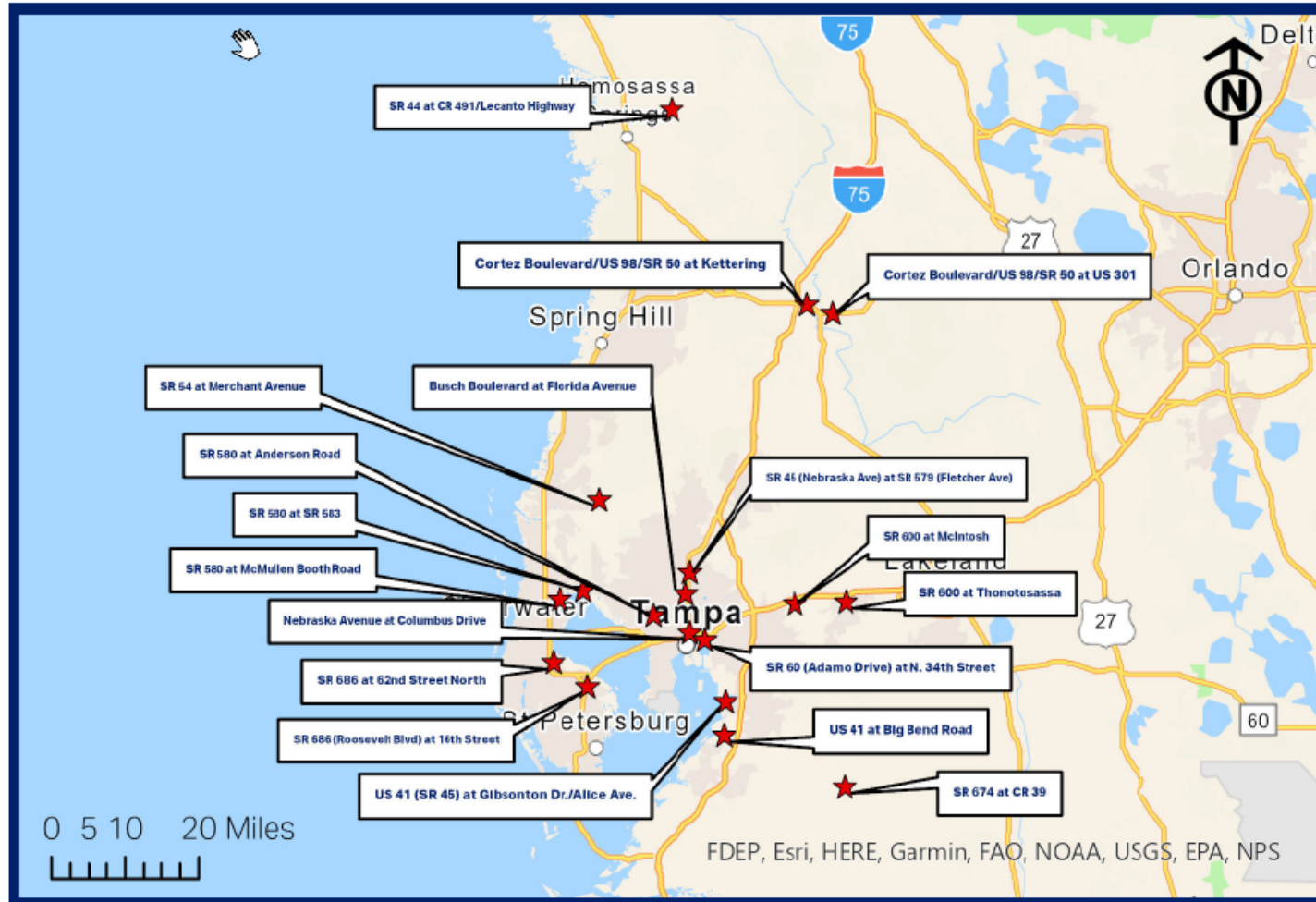
Inventories and organizes “freight “hot spots” locations where operational challenges exist for the efficient movement of freight.

- Maneuverability challenges for truck drivers,
- Delay caused by conflicts for truck and rail movements,
- Insufficient access to important freight destinations



# Goods Movement Improvement Projects

## Completed Freight Intersection Improvements 2019 - 2023



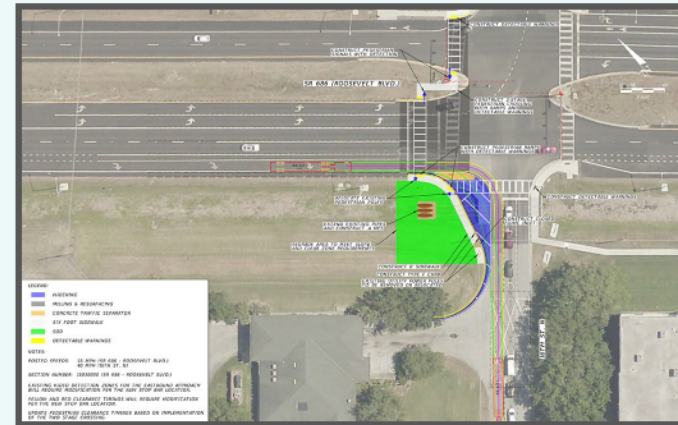
# Goods Movement Improvement Projects

## Freight Intersection Improvements

### SR 686 (Roosevelt Blvd) at 16th Street - Pinellas

This project improved freight operations by adjusting the 24" white stop pavement marking, improving the right turning radius from SR 686 (Roosevelt Blvd), and reconfiguring the lane assignments on 1<sup>st</sup> Street to allow additional flow of vehicles through the intersection. Work elements included signal timing adjustments, vehicle video detection improvements, signs, pavement markings, and roadway milling and resurfacing.

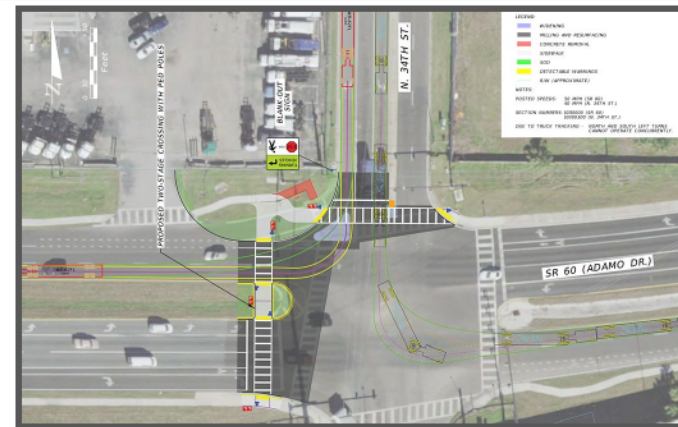
Notice to Proceed	Partial Acceptance	Cost
3/5/21	3/30/22	\$424,000



### SR 60 (Adamo Dr) at N 34th Street - Hillsborough

This project improved freight operations by reconstructing the right turn curb and gutter radius (southbound to westbound). Work elements included the extension of the southbound to eastbound left turn lane on N 34<sup>th</sup> Street, roadway widening, controller cabinet modifications, milling and resurfacing, a traffic separator, sidewalk, curb ramps, signs, and pavement markings.

Notice to Proceed	Partial Acceptance	Cost
5/10/21	3/21/22	\$347,400





# Goods Movement Improvement Projects Causeway and US 41 Grade Separation



- Cost approximately \$189 million
- Reduce Traffic delays around CSX Railroad crossing
- Support the safe movement of trucks and freight
  - 372 crashes in study area
  - 5 fatalities
  - 8 bicyclist crashes
  - 3 pedestrian crashes
  - 10 train crashes at US 41 crossing destinations

# Goods Movement Improvement Projects

## Truck Parking Capacity Projects

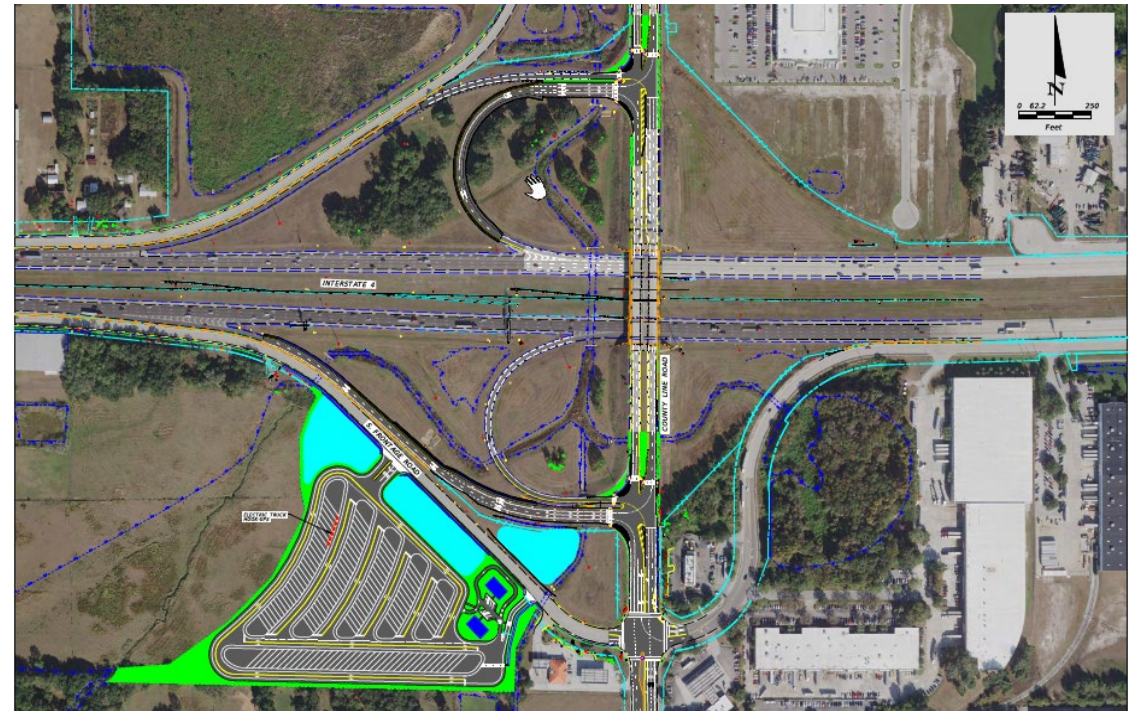
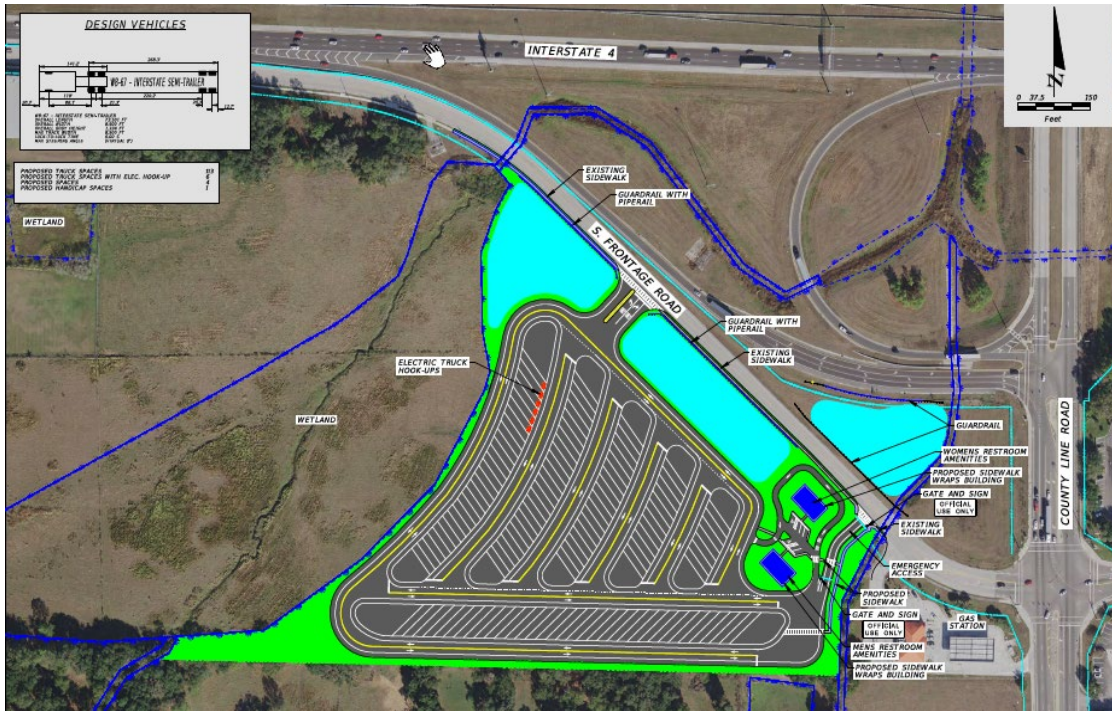


### Carbon Reduction Program Truck Parking Projects

I-4 East and West Bound Weigh Station  
Skyway Bridge North (D7) and South (D1)

# Goods Movement Improvement Projects

## Truck Parking Capacity Projects



These projects will increase the total truck parking spots in southern Hillsborough County by 120 spaces.

The surrounding ramps and intersections will be improved to improve truck movement in and around the truck parking.



# Partner Projects

## Tampa International Airport Air Cargo Facility Expansion

- **\$74 Million Project Substantially Completed in 2023**
- **\$10 Million in State Funding**
- **39,000 square-foot UPS cargo facility**
- **TPA hosts a total of six cargo companies.**
- **Fiscal 2021 –cargo volume handling 426 million pounds of cargo**



# Partner Projects

## Port Tampa Bay – Cargo Terminal Expansion

- \$72 Million Project
- \$15.3 Million in State Funding
- Terminal expansion now underway:
  - 3 additional cranes arrived in March, operational June 2023
  - New 6-lane gate system operational June 2023
  - Increasing paved storage from 67 acres to 97 acres (to be completed 2024)
  - Berth extension 214 from 3,200 to 4,500 feet (to be completed 2024)



# *FMT***P24**

FREIGHT MOBILITY AND TRADE PLAN

## THANK YOU

**Mike Brown – District Freight & Logistics Coordinator**

**June 19, 2023**

**813.975.6643**

**[Michael.Brown@dot.state.fl.us](mailto:Michael.Brown@dot.state.fl.us)**



# BREAKOUT SESSION



Go to  
[www.menti.com](https://www.menti.com)

Code  
**7552 8500**





# Breakout Instructions

- Break up into smaller groups
- Small group facilitated discussions on:
  - Biggest regional issues
  - Potential solutions
  - Strategies to address issues/achieve objectives
- Group leader from each breakout group will report on the group discussions

**This is your chance to provide input! We want to hear from everyone!**

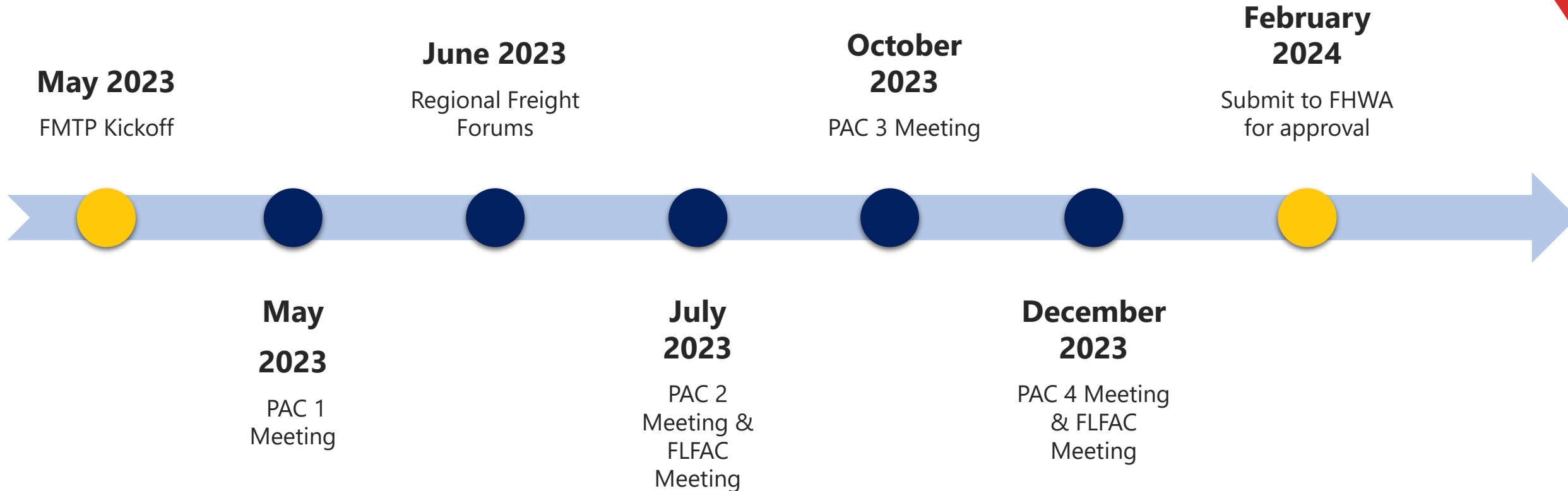
# CONCLUDING REMARKS



# FMTP Stakeholders/Outreach

	Florida Freight Advisory Committee (FLFAC)	Project Advisory Committee (PAC)	Regional Freight Forums	Public Comment
WHO	A representative cross-section of public and private sector freight stakeholders	Members from relevant FDOT Offices and District Freight Coordinators (DFCs)	Members of the public and freight stakeholders	Members of the public and freight stakeholders
WHAT	Advise on freight-related priorities, issues, projects, and funding needs; Promote the sharing of information between the private/public sectors	Provide project oversight and guidance; Share best practices and lessons learned	Help identify statewide or District-specific freight trends, challenges, needs, and solutions	Ensure the plan appropriately captures public input

# Next Steps



# Other Ways to Provide Input

- Post-meeting online survey/comment form
- Reach out to your District Freight Coordinator



# Freight Coordinators

## District 1 | Bartow

Amanda Tyner

[Amanda.Tyner@dot.state.fl.us](mailto:Amanda.Tyner@dot.state.fl.us)

## District 2 | Lake City

Hunter Livingston

[Hunter.Livingston@dot.state.fl.us](mailto:Hunter.Livingston@dot.state.fl.us)

## District 3 | Chipley

Ray Corbitt

[Ray.Corbitt@dot.state.fl.us](mailto:Ray.Corbitt@dot.state.fl.us)

## District 4 | Ft. Lauderdale

Justin Stroh

[Justin.Stroh@dot.state.fl.us](mailto:Justin.Stroh@dot.state.fl.us)

## District 5 | DeLand

Sarah Van Gundy

[Sarah.VanGundy@dot.state.fl.us](mailto:Sarah.VanGundy@dot.state.fl.us)

## District 6 | Miami

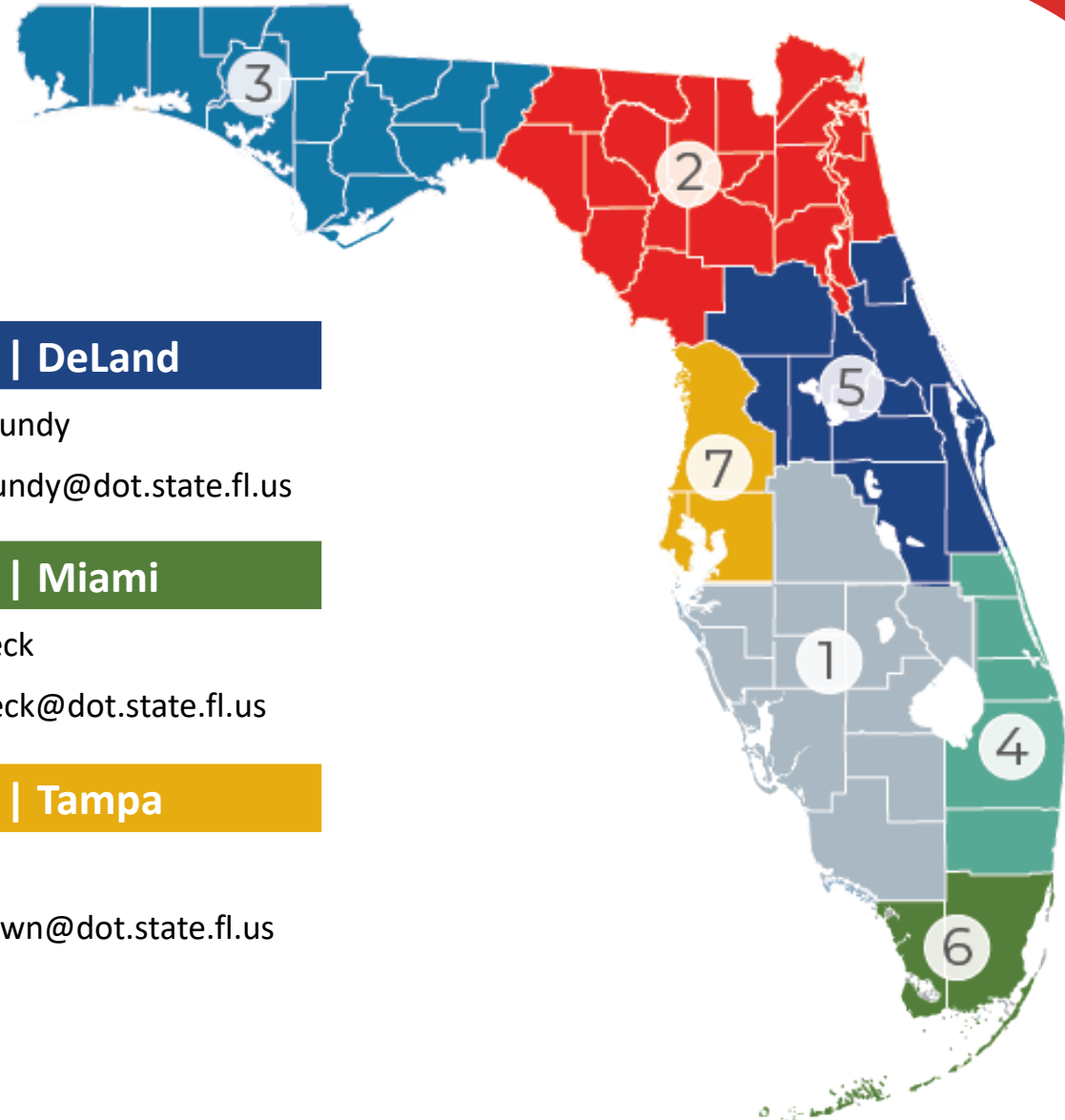
Daniel Lameck

[Daniel.Lameck@dot.state.fl.us](mailto:Daniel.Lameck@dot.state.fl.us)

## District 7 | Tampa

Mike Brown

[Michael.Brown@dot.state.fl.us](mailto:Michael.Brown@dot.state.fl.us)



# Regional Outreach Dates

## CENTRAL FL– June 12, 2023 | 1PM-4PM

*FDOT Deland - Cypress A&B Conference Room*

719 South Woodland Blvd., Deland, FL 32720

## SOUTHWEST FL– June 13, 2023 | 1PM-4PM

*FDOT Southwest Area Office (SWAO) Conference Room*

10041 Daniels Parkway, Ft. Myers, FL 33913

## NORTHEAST FL– June 15, 2023 | 9AM-12PM

*FDOT Jacksonville - Urban Office Training Center*

2198 Edison Avenue, Jacksonville, FL 32204

## WEST CENTRAL FL– June 19, 2023 | 1PM-4PM

*FDOT District 1 HQ Conference Room*

801 North Broadway Avenue, Bartow, FL 33830

## NORTH FL– June 21, 2023 | 1PM-4PM

*FDOT Central Office - Auditorium*

605 Suwannee Street, Tallahassee, Florida 32399

## SOUTH FL– June 29, 2023 | 1PM-4PM

*Miami-Dade Public Library - Aventura Branch*

2930 Aventura Blvd., Aventura, FL 33180

## SOUTHEAST FL– June 30, 2023 | 1PM-4PM

*FDOT Fort Lauderdale - Auditorium*

3400 West Commercial Blvd., Ft. Lauderdale, FL 33309

## VIRTUAL– July 12, 2023 | 9AM-12PM

*GoToWebinar – Register Here:*

[FMTP24 GoToWebinar Registration](#)

# *FMT***P24**

FREIGHT MOBILITY AND TRADE PLAN

## THANK YOU

**Holly Cohen**

Freight and Rail Planning  
Administrator  
850.414.4954  
Holly.Cohen@dot.state.fl.us

**Eugene Jules**

Freight and Rail Planner – RXR  
Opening/Closure Program  
850.414.4528  
eugene.jules@dot.state.fl.us

**FREIGHT@dot.state.fl.us**

