

COMMITTEE MEETING EXPANDED AGENDA**APPROPRIATIONS COMMITTEE ON TRANSPORTATION,
TOURISM, AND ECONOMIC DEVELOPMENT****Senator Hooper, Chair**
Senator Trumbull, Vice Chair**MEETING DATE:** Wednesday, January 18, 2023**TIME:** 12:30—1:30 p.m.**PLACE:** *Toni Jennings Committee Room*, 110 Senate Building**MEMBERS:** Senator Hooper, Chair; Senator Trumbull, Vice Chair; Senators Collins, DiCeglie, Grall, Perry, Polsky, Powell, Stewart, Thompson, Wright, and Yarborough

BILL DESCRIPTION and SENATE COMMITTEE ACTIONS			
TAB	BILL NO. and INTRODUCER	COMMITTEE ACTION	
1	Introduction of Committee Members	Presented	
2	Presentation by Secretary Jared W. Perdue, P.E., Department of Transportation	Presented	
Other Related Meeting Documents			

No materials for this item.



FLORIDA DEPARTMENT OF TRANSPORTATION
SECRETARY JARED W. PERDUE, P.E.
OVERVIEW | ATD | 1/18/2023

AGENDA



WHO WE ARE



HOW WE DO BUSINESS



WHERE WE ARE TODAY



WHERE WE ARE GOING IN THE FUTURE



GROWING CHALLENGES AHEAD



OUR MISSION

The Florida Department of Transportation (FDOT) is committed to providing a **safe transportation system** that ensures the **mobility of people and goods**, **enhances economic prosperity** and **preserves the quality of our environment** and **communities**.

CONNECTING COMMUNITIES

The Department builds, maintains, and oversees a diverse and comprehensive transportation system – beyond just roads and bridges.

FDOT connects communities with multiple transportation choices for the traveling public and various transportation modes to efficiently move goods ensuring Florida continues to have a robust supply chain and a strong economy.



NEARLY 124,000 CENTERLANE
MILES OF ROADWAY



7,079 FDOT MAINTAINED BRIDGES



3,523 MILES OF PEDESTRIAN FACILITIES



7,487 MILES OF BICYCLE FACILITIES



16 DEEP WATER PORTS



19 COMMERCIAL AIRPORTS



8 ACTIVE LAUNCH SITES

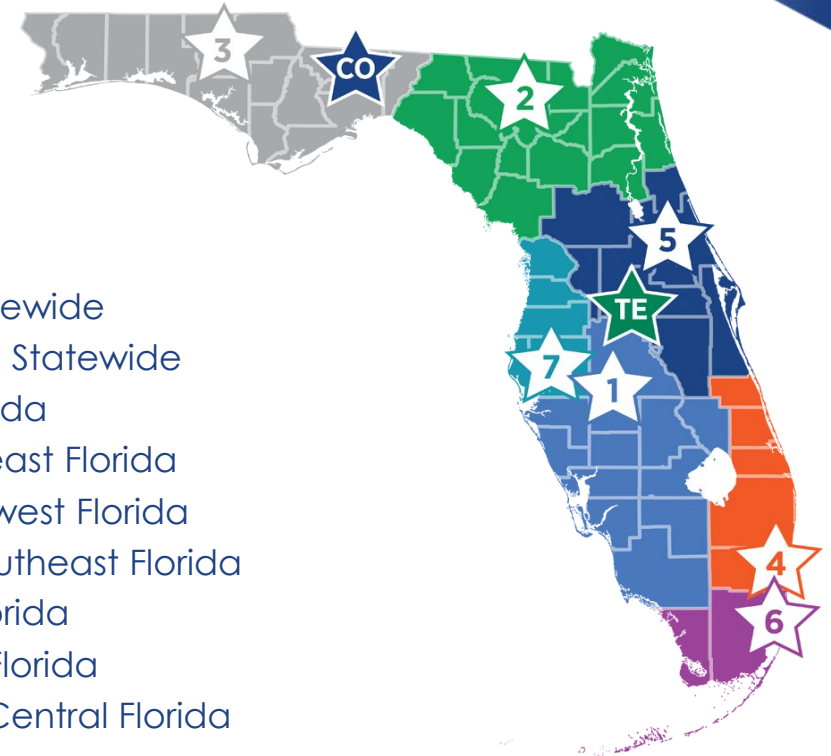
SERVING FLORIDA'S COMMUNITIES



FDOT is a decentralized agency with headquarters located in Tallahassee.

Readily able to serve the local communities and closely coordinate directly with our regional partners to achieve a shared community vision.

- Central Office | Tallahassee, Leon County | Serving Statewide
- Turnpike Enterprise | Orlando, Orange County | Serving Statewide
- District 1 | Bartow, Polk County | Serving Southwest Florida
- District 2 | Lake City, Columbia County | Serving Northeast Florida
- District 3 | Chipley, Washington County | Serving Northwest Florida
- District 4 | Ft. Lauderdale, Broward County | Serving Southeast Florida
- District 5 | DeLand, Volusia County | Serving Central Florida
- District 6 | Miami, Miami-Dade County | Serving South Florida
- District 7 | Tampa, Hillsborough County | Serving West Central Florida



FLORIDA'S TURNPIKE ENTERPRISE

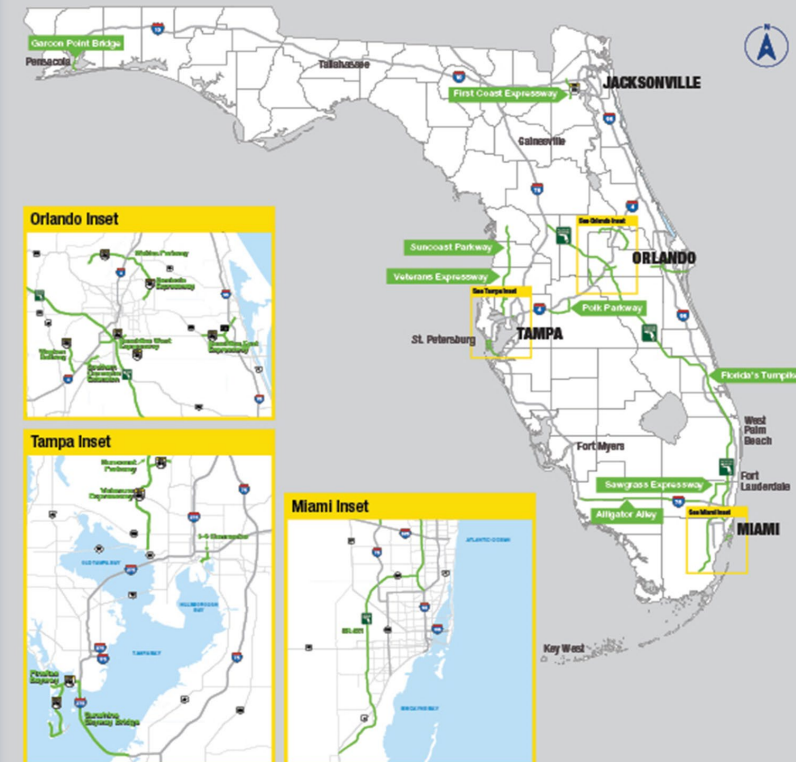


Florida's Turnpike Enterprise (FTE), as a unit of FDOT, operates all FDOT-owned toll roads and bridges. This includes over 500 miles of toll roads and 129 miles of managed lanes.

With **three million customers** using **Florida's Turnpike System daily**, FTE reinvests revenues from tolls and managed lanes into:

- Operations and maintenance costs
- Preservation of the infrastructure
- Paying annual debt service on bonds
- Providing improvements in safety, technology, customer service, capacity, and access
- Providing financial support to FDOT road projects across Florida

FDOT-OWNED TOLL FACILITIES





FDOT: HOW WE DO BUSINESS

HOW FDOT OPERATES



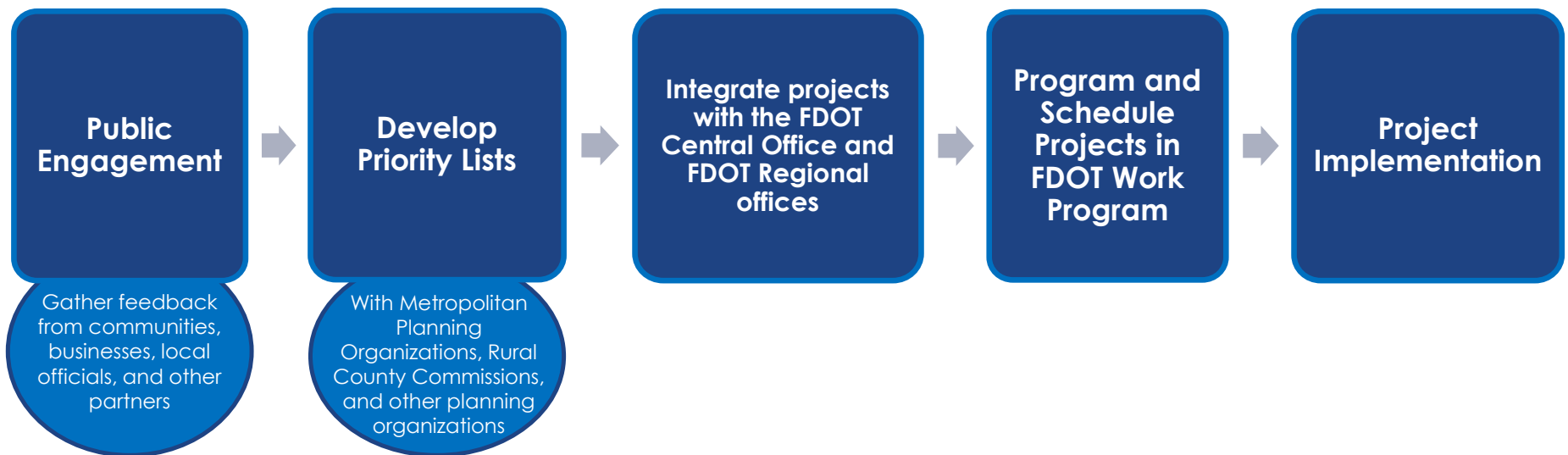
FDOT is unique and different from other state agencies:

- As a production agency, not an oversight agency, FDOT produces tangible products
- Run like a business using the State Transportation Trust Fund
 - Business Plan = FDOT Five-Year Work Program
 - Budgets for long-term projects over multiple project phases
- Operates on a “cash flow” commitment-based budget
 - This structure is a critical need to keep projects funded
 - Financial models and cash forecasting are used to support production
- Closely collaborates with industry partners, who are essential to delivering FDOT’s Work Program

FIVE-YEAR WORK PROGRAM



The Department's Work Program is a transparent, bottom-up effort where FDOT's local partners determine their top eligible priorities, and as many as financially possible are included.



PROJECT LIFECYCLE



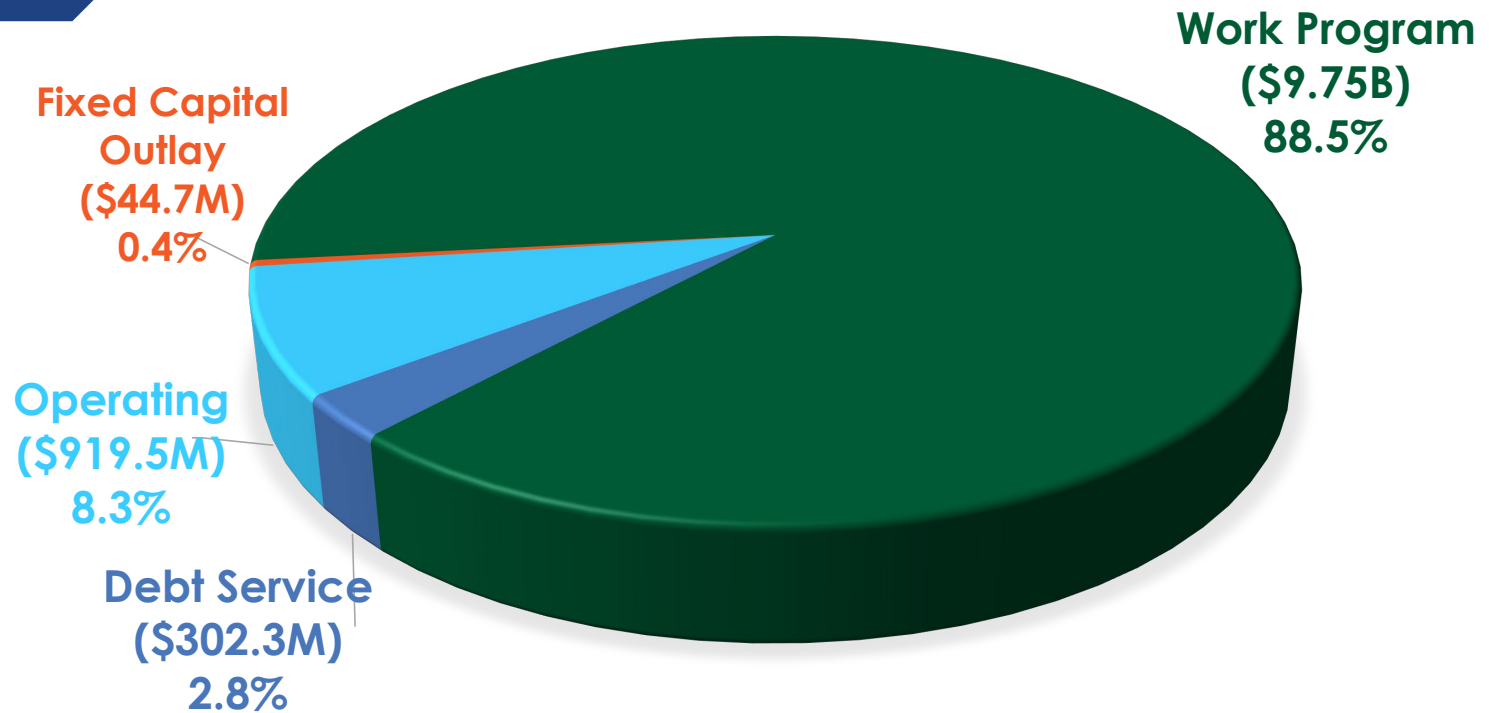
LEGISLATIVE BUDGET REQUEST (LBR)



Fiscal Year
2023-2024

TOTAL: \$11.01 BILLION

FY 2023-24 PRIORITIES



FDOT's Guiding Principles for Legislative Budget Requests Issues:

1. **Fully Fund the Work Program and Debt Service:** \$10.05 Billion
2. **Operating Costs:** \$40.05 Million
3. **Fixed Capital Outlay:** \$44.75 Million

An aerial, grayscale photograph of an airport tarmac. Numerous small, white aircraft are parked in neat, diagonal rows across the tarmac. In the background, there are several large hangars, a control tower, and some greenery. The overall scene depicts a busy, organized aviation environment.

FDOT: WHERE WE ARE TODAY

The current year (FY22-23) received a record funding amount of \$12.6 Billion

A few highlights of current year investments in Florida's diverse transportation system:

- Highway construction: \$4.4 Billion
- Bridge maintenance: \$236.6 Million
- Resurfacing: \$1.2 Billion
- Seaports: \$135.9 Million
- Transit: \$672.8 Million
- Rail/Freight: \$194.3 Million
- Aviation: \$252.7 Million
- Spaceports: \$61.8 Million

RETURN ON INVESTMENT

Every dollar invested in transportation projects is expected to yield an average of **\$4 in economic benefits**.

Planned transportation investments are estimated to result in an average of **30,000 additional jobs** and generate more than **\$160 billion** in **future economic benefits** over the next 30 years.

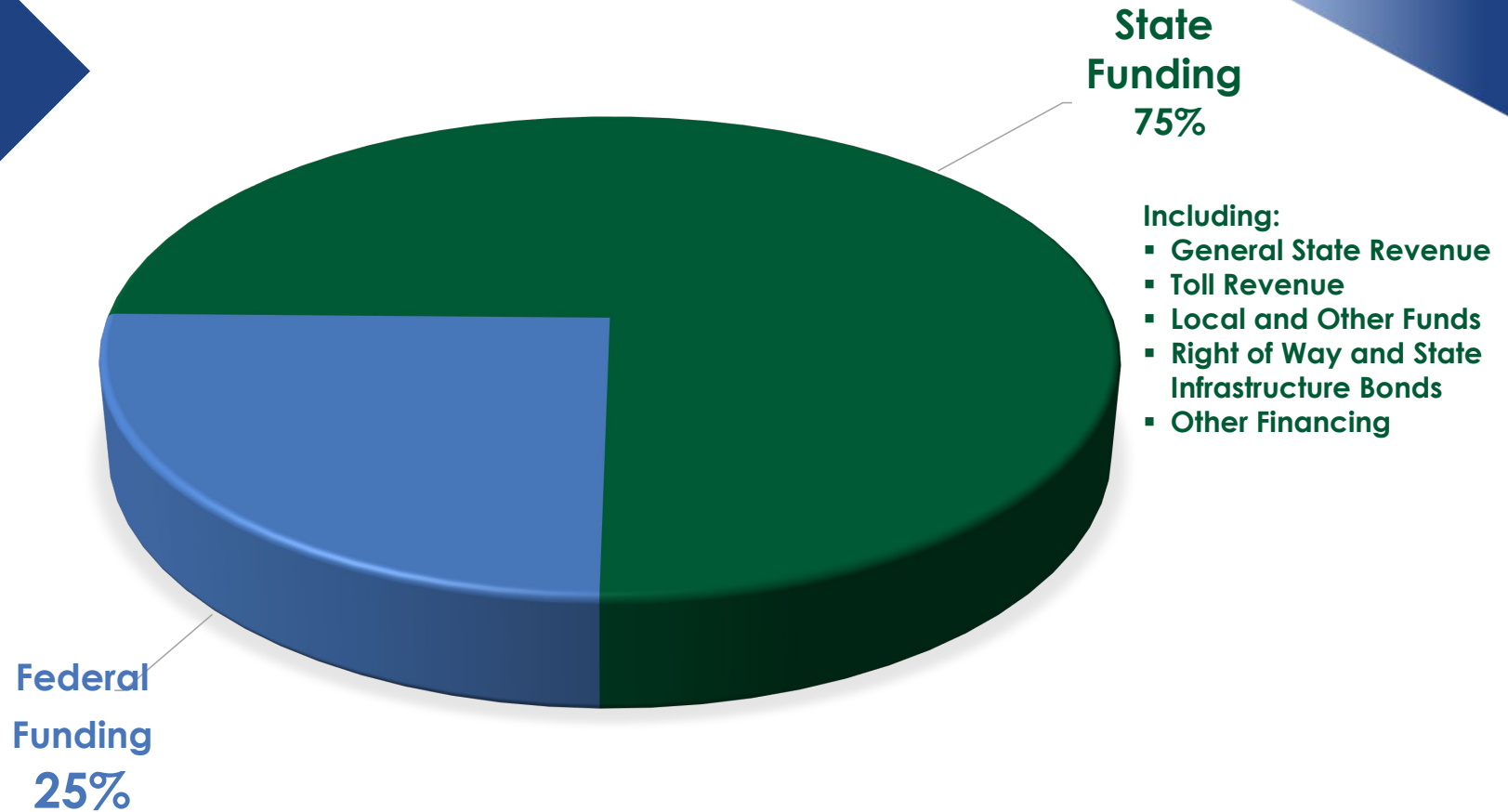
FDOT FUNDING SOURCES



Fiscal Years
2023-2027

\$56.148 Billion
(as of January 2023)

The current Work Program is comprised of annual legislative allocations and financing mechanisms, compounded over a rolling 5-year period.



FEDERAL FUNDING: IIJA



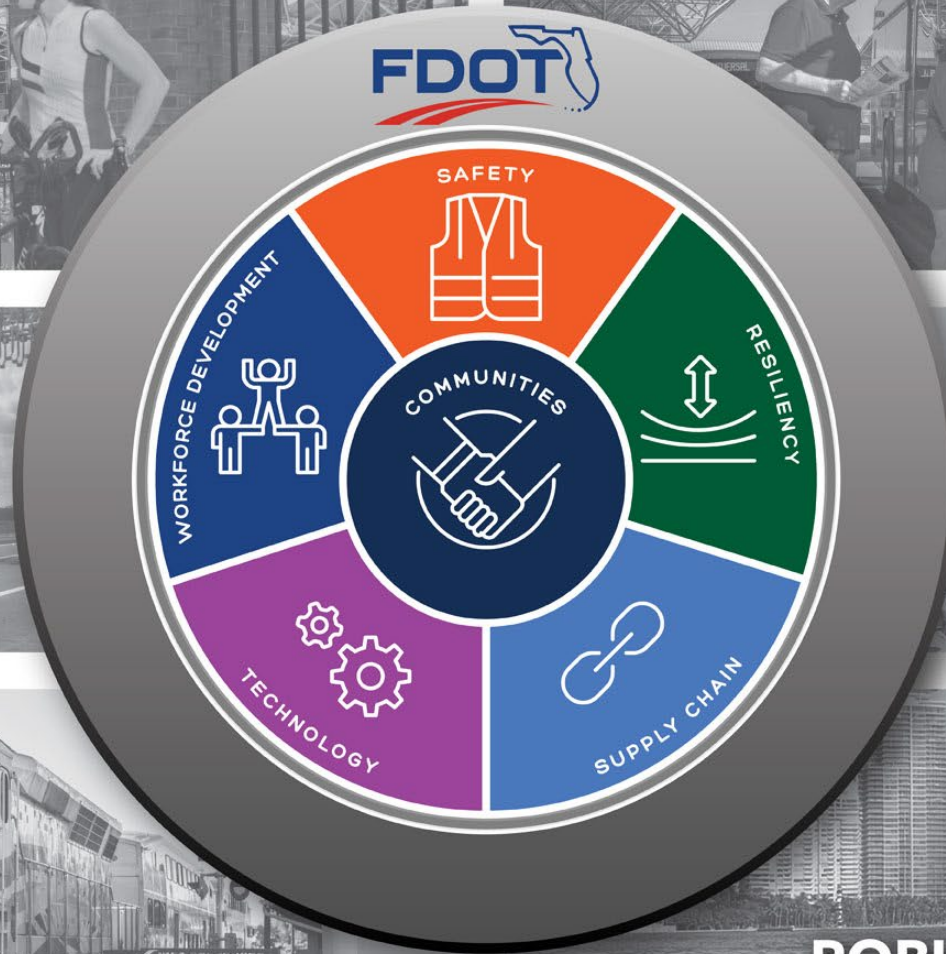
Infrastructure Investment and Jobs Act (IIJA) is the replacement of the previous federal transportation law, known as the FAST Act.

- Florida's federal formula funds increased from \$10 billion to \$13.5 billion, over the next 5 years
- Requires synchronization of state legislative and federal authorization actions
- Electric Vehicles, PROTECT (resilience), and Carbon Reduction programs created under IIJA
- Funds safety improvements, maintenance, workforce development, resilience, and electric vehicle infrastructure

FDOT is hosting information sessions on Discretionary Grants for local agencies in the first quarter of 2023



FDOT: WHERE WE ARE GOING IN THE FUTURE



COMMUNITY-CENTRIC



Serving communities is at the center of everything we do.

Communities are both our customers and partners.

Understanding each community's unique needs and priorities allows us to collaboratively build a transportation system that improves connectivity, enhances the quality of life for Florida's residents and visitors, and achieves a shared community vision.



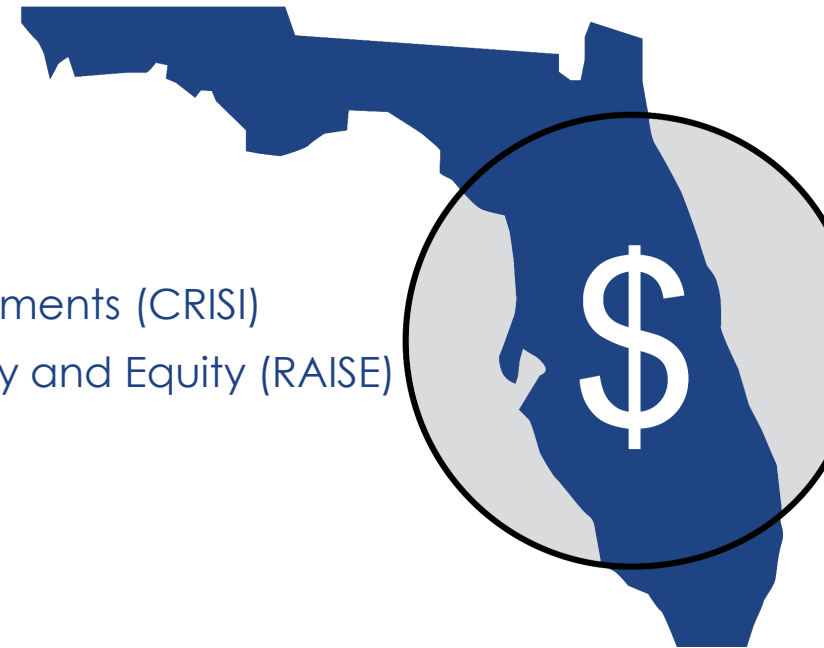
Proudly serving 22 million
Floridians and over 100
million annual visitors



FEDERAL DISCRETIONARY GRANTS



- Competitive funding
- Maximize Federal discretionary funds for Florida:
 - Monitors Notice of Funding Opportunities (NOFOs)
 - Support local governments and partners
 - Discuss project partnerships
 - Support project variety
 - Find creative match solutions
- Examples of recurring federal grants include:
 - Consolidated Rail Infrastructure and Safety Improvements (CRISI)
 - Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
 - Bridge Formula
 - Infrastructure for Rebuilding America (INFRA)



ECONOMIC PROSPERITY AND THE SUPPLY CHAIN



The transportation industry has significant impacts on the economy and additionally creates opportunities for economic prosperity throughout Florida.

- A robust supply chain is part of this impact, as a healthy supply chain is critical to Florida's economy.
- Proactive investments in our roadways, seaports, rail network, freight, and trucking network, and airport cargo facilities facilitates the movement of goods to serve the residents of Florida and beyond.





STRATEGIC INTERMODAL SYSTEMS



FDOT also coordinates on transportation modes of motor carrier, rail, transit, seaport, waterways, aviation, and spaceport opportunities through the **Strategic Development Office**, which is comprised of five divisions: Planning, Research, Aviation, Public Transit, Spaceport, Freight and Rail, and Seaport.



RESILIENCY



Florida's unique geography and climate create conditions that demand a more resilient infrastructure, which is why we build proactive resilient measures into everything we do.

From planning to final project delivery, FDOT proactively pursues sustainable solutions to these challenges.





ENVIRONMENTAL STEWARDSHIP



FDOT integrates environmental stewardship and resiliency principles into all transportation plans and programs and balance natural, human, and physical considerations with sound engineering principles, with the goal of preserving the quality of Florida's environment and communities.

- These efforts include coordinating closely with the Florida Department of Environmental Protection (FDEP), local agency partners, as well as local and regional groups.



ENVIRONMENTAL ACHIEVEMENT: NEPA



In December 2016, FDOT assumed the Federal Highway Administration's responsibilities under the National Environmental Policy (NEPA) Act for federally funded highway projects on the State Highway System (SHS) and Local Agency Program projects off the SHS (NEPA Assignment).

- Florida is one of eight states with NEPA assignment (along with Alaska, Arizona, California, Nebraska, Ohio, Texas, and Utah).
- Following NEPA Assignment, FDOT effectuated greater efficiencies in the timeliness of environmental review and cost savings for the delivery of federally funded highway projects.



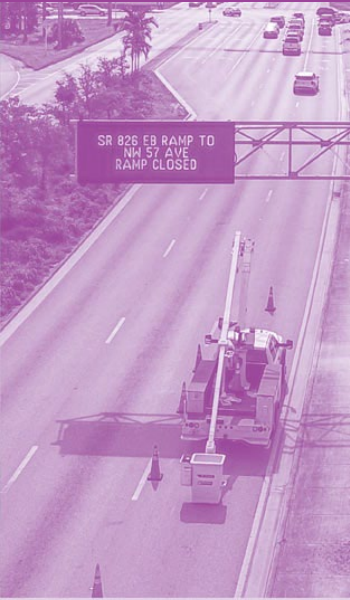
WORKFORCE DEVELOPMENT



FDOT is committed to employee development for current employees as well as recruiting diverse individuals to work in the transportation industry, such as:

- Construction Career Day
- CDL Trucking Training
- Professional Engineer Trainee Program
- Right-of-Way Trainee Program
- Mentoring programs
- In-person and online training





FDOT is dedicated to working together with communities and industry partners to plan for new and emerging technologies including:

- Lane Closure Notification System
- Data Dashboards for emergency response efforts
- Wrong Way Vehicle Detection Systems
- Adaptive Signal Control
- Electric Vehicle technology
- Autonomous and connected vehicle technology





TECHNOLOGY DURING EMERGENCIES



Emergency Shoulder Use (ESU) is Florida's custom strategy to temporarily increase traffic flow and capacity during major evacuations using existing paved shoulders.

- First developed in 2017 and covering key corridors within the state, ESU replaced the former one-way plans, also known as contraflow and lane reversal.
- FDOT uses *technology* to design resilient and safe shoulders to meet the needs of potential ESU as well as pre-event clearing procedures.



On Sept. 30, 2022, in the aftermath of Hurricane Ian, FDOT implemented the largest detour in Florida's history.



FLORIDA 511 TRAFFIC INFORMATION



- Official source for real-time traffic information in Florida
- Includes a website, mobile apps, social media pages, email, and text alerts
- Covers all Interstates and most US and state routes in Florida
- Provides information on crashes, congestion, construction, closures, and detour routes
- Helped motorists plan evacuation and return trips by providing real-time road conditions





Safety is the Department's top priority and is embedded in all that we do.

One life lost on our roadways is one too many. To work towards solving this, FDOT started the Target Zero initiative.

- Through engineering, education, awareness campaigns, and working closely with law enforcement partners the FDOT is committed to reaching our target of zero fatalities and serious injuries on state transportation facilities.

Until we reach the number ZERO, the Department will continue exhaustive efforts to do all that we can to help move the needle.





ROAD RANGER SERVICE PATROL



Road Ranger Service Patrols provide emergency and roadside support to the motoring public including for traffic incidents. Services are at no cost to customers. Some services include:

- Change flat tires
- Jump-start vehicles
- Clear disabled vehicles and debris from travel lanes
- Supply emergency gasoline, diesel, water
- Provide stranded motorists with two free local calls
- Monitor abandoned vehicles and notify FHP
- Provide Maintenance of Traffic (MOT) services during incidents





EMERGENCY MANAGEMENT



FDOT helps prepare for, respond to, recover from, and mitigate against natural disasters and other emergencies affecting Florida's transportation systems. Specifically, the Department:

- Provides local, state, and federal partners with situational awareness 24 hours a day and is a critical element of the State Emergency Response Team (SERT).
- Maintains strong partnerships with other state agencies, such as the Florida Highway Patrol (FHP), Florida Department of Law Enforcement (FDLE), the Division of Emergency Management and more.





EMERGENCY MANAGEMENT



Severe Weather Events

The FDOT performs various operations and provides essential support both before and after a severe weather event, including hurricanes.

Pre-Emergency:

- Monitoring bridges and roadway conditions with local and state law enforcement partners
- Securing construction sites
- Road and shoulder sweeping
- Implementing Emergency Shoulder Use for efficient evacuations
- Suspending Tolls for enhanced mobility during emergencies
- Staging resources and equipment for swift response once the storm has passed

Post Emergency:

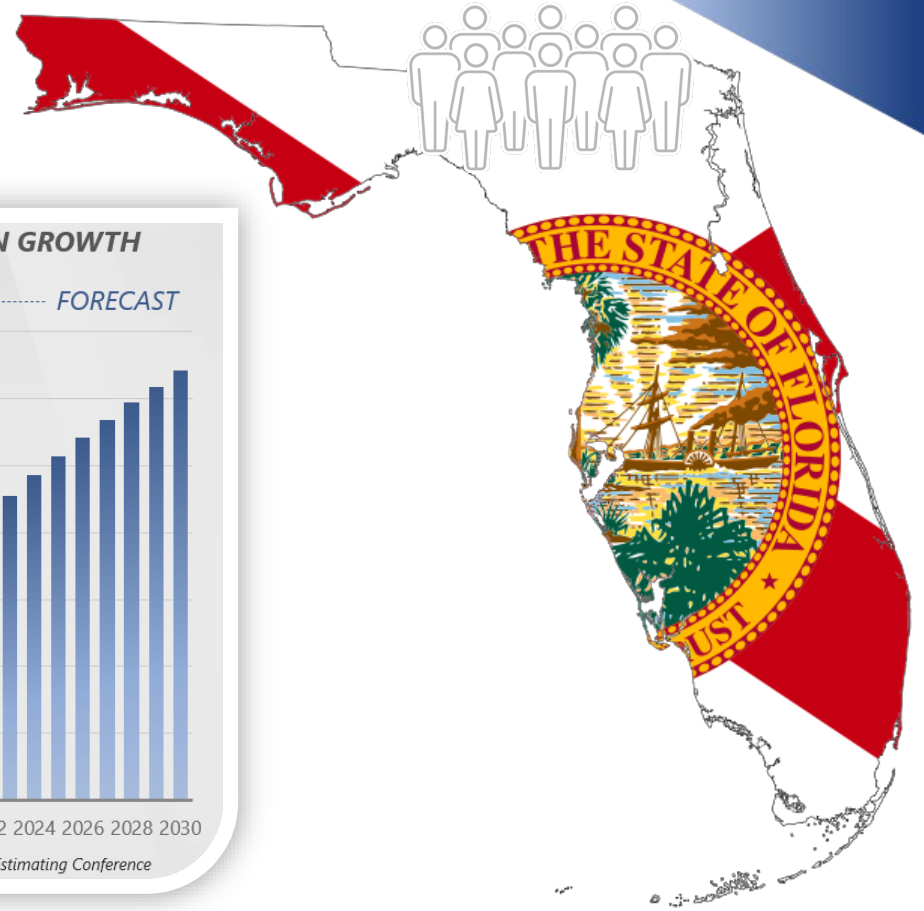
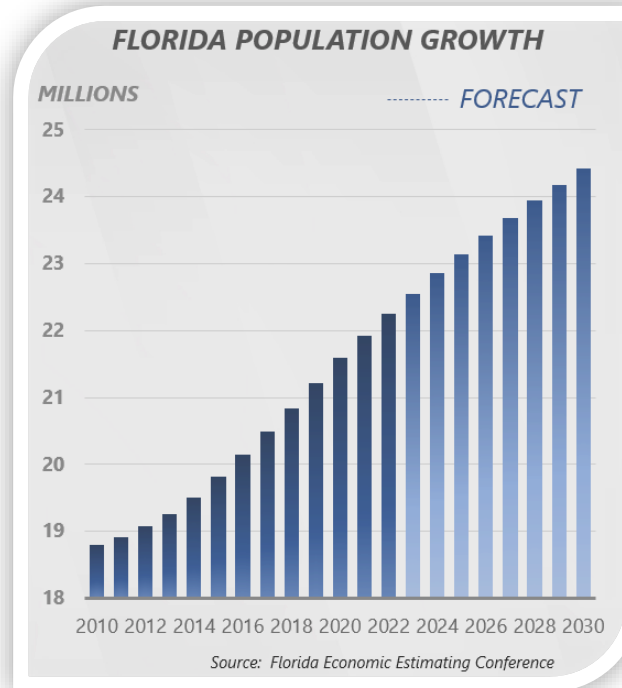
- Conducting bridge inspections to clear for reopening
- Roadway surveys to assess damages
- Cut and Toss Operations to quickly clear the road
- Temporary road repairs
- Restoring traffic signals and pedestrian crosswalk signals
- Removing debris and vegetation from the right of way
- Providing support to local agencies and other partners

FDOT: GROWING CHALLENGES AHEAD

A GROWING CHALLENGE

60% OF FLORIDA'S POPULATION GROWTH IS CONCENTRATED IN 10 COUNTIES

- Osceola
- St. Johns
- Sumter
- Walton
- Lake
- Orange
- Santa Rosa
- Manatee
- Nassau
- Lee



Questions?



1/18/2023

The Florida Senate
APPEARANCE RECORD

Meeting Date

Appropriations on Transportation, Tourism, and Economic Development

Deliver both copies of this form to
Senate professional staff conducting the meeting

Bill Number or Topic

Committee

Amendment Barcode (if applicable)

Name **Jared Perdue**

Phone **850-414-5206**

Address **605 Suwannee Street**
Street

Email **jared.perdue@dot.state.fl.us**

Tallahassee
City

Florida
State

32399
Zip

Speaking: ☐ For ☐ Against ☒ Information **OR** Waive Speaking: ☐ In Support ☐ Against

PLEASE CHECK ONE OF THE FOLLOWING:

☐ I am appearing without
compensation or sponsorship.

☒ I am a registered lobbyist,
representing:

**Florida Department of
Transportation**

☐ I am not a lobbyist, but received
something of value for my appearance
(travel, meals, lodging, etc.),
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)

CourtSmart Tag Report

Room: SB 110

Case No.:

Type:

Caption: Senate Appropriations Committee on Transportation, Tourism, and Economic Development

Judge:

Started: 1/18/2023 12:30:31 PM

Ends: 1/18/2023 1:30:42 PM

Length: 01:00:12

12:30:32 PM	Sen. Hooper (Chair)
12:32:05 PM	TAB 1 - Introduction of Committee Members
12:32:16 PM	Sen. Stewart
12:33:01 PM	Sen. Collins
12:33:22 PM	Sen. Grall
12:33:57 PM	Sen. Polsky
12:34:24 PM	Sen. Thompson
12:35:12 PM	Sen. Trumbull
12:35:45 PM	Sen. Hooper
12:36:09 PM	Sen. Powell
12:36:50 PM	Sen. Yarborough
12:37:09 PM	Sen. Wright
12:38:06 PM	Sen. DiCeglie
12:38:36 PM	Sen. Perry
12:40:27 PM	Sen. Hooper
12:41:00 PM	TAB 2 - Presentation on Department of Transportation
12:41:27 PM	Secretary Jared Perdue, P.E., Department of Transportation
1:22:41 PM	Sen. Hooper
1:24:02 PM	Sen. Perry
1:25:00 PM	J. Perdue
1:25:57 PM	Sen. Perry
1:27:02 PM	Sen. Wright
1:27:27 PM	J. Perdue
1:28:11 PM	Sen. Thompson
1:29:03 PM	J. Perdue
1:29:21 PM	Sen. Hooper
1:29:32 PM	Sen. Polsky
1:29:53 PM	J. Perdue
1:30:07 PM	Sen. Hooper