



Welcome to the newest issue of FDOT Compass Points. The Florida Department of Transportation (FDOT) is at the forefront of enhancing transportation across all areas. In aviation, FDOT's Aviation Office is dedicated to airport development, regulation, and emergency management, ensuring our skies are safe and efficient. On the rails, FDOT is expanding SunRail services, with exciting potential connections to major hubs like Orlando International Airport. Also, the Department is implementing cutting edge technologies and solutions to improve efficiency and safety. This comprehensive and multifaceted approach ensures that Florida's transportation system is continuously evolving to meet the needs of its residents and visitors, enhancing connectivity and accessibility across all modes of travel. Stay tuned for more updates on how FDOT is driving transportation innovation forward!

John E. Tyler, P.E.

Secretary
FDOT District Five



Work Zone Safety With One.Network

The Florida Department of Transportation (FDOT) has made significant strides in enhancing road safety by initiating a multi-year collaboration with one.network in June 2022. This pioneering effort launched the statewide Lane Closure Notification System (LCNS), designed to improve safety for drivers and roadway workers. Supported by Governor Ron Desantis' Freedom First Budget, this initiative made Florida the first state in the U.S. to implement such technology.

LCNS aims to improve worker safety by alerting drivers to active work zones and lane closures, helping motorists navigate these areas safely and efficiently. Utilizing advanced GPS and mapping technologies, the system provides real-time notifications through popular GPS apps and services. The system integrates seamlessly with existing navigation apps, offering hands-free alerts to enhance driver experience and safety.

Key benefits of LCNS include reduced work zone crashes, improved worker safety, real-time tracking of lane closures, and better travel time reliability. This ongoing initiative stands as the first statewide deployment of worker-managed safety information sharing in the United States, showcasing an innovative approach to work zone safety.



Florida Department of Transportation Invests in Aerospace

The Florida Department of Transportation (FDOT) has made significant investments in the future of aerospace with Project Hinton and Project Kuiper.

Project Hinton began as an undisclosed Cape Canaveral infrastructure project but has now been unveiled as a SpaceX initiative. In partnership with the Space Florida Board of Directors, FDOT approved up to \$50 million in state funding through the Spaceport Improvement Program for a high-volume production facility, high bay, and related infrastructure. An additional \$15 million was for utility enhancements. In exchange for this investment, SpaceX has pledged \$1.8 billion in capital investment, along with the creation of high paying jobs.

The project is a large-scale capital improvement project at the Cape Canaveral Spaceport, focusing on infrastructure upgrades to support heavy-lift rocket launches, increasing the volume and mass of payloads sent to orbit. With close ties to SpaceX's Starship program, the improvements will shift the focus of the headquarters

to Starship launch and landing operations, further solidifying the company's intention to revolutionize space travel. Similarly, Amazon's Project Kuiper is advancing technology by developing a low Earth orbit satellite network, aiming to provide fast, reliable, and affordable internet connections to underserved communities around the world. In April 2023, Amazon and Space Florida announced the expansion of Project Kuiper to Florida, with investments of \$3.2 million from FDOT's Spaceport Improvement Program. On April 28, 2025, an Atlas 5 expendable launch system deployed the first operational Project Kuiper satellites for Amazon, signifying the first step in the journey to launch the rest of their low Earth orbit constellation.

Together, these projects highlight Florida's pivotal role in advancing aerospace technology and infrastructure. With support from FDOT and Space Florida, ambitious projects can be achieved, creating high-paying jobs, and positioning the state as a leader in the aerospace industry.

SunRail Celebrates Major Milestone with Approval of PD&E Study for Proposed Sunshine Corridor

In a significant step forward for regional transit, the Central Florida Commuter Rail Commission (CFCRC) on Thursday, April 24, unanimously approved advancing the proposed Sunshine Corridor to the next phase – a Project Development and Environment (PD&E) Study. This week's historic decision is a major milestone in SunRail's ongoing commitment to improving mobility and connectivity across Central Florida by expanding accessible and efficient transportation.

"The unanimous vote to advance the Sunshine Corridor PD&E Study reflects our shared vision to expand passenger rail to serve even more Central Florida residents and visitors in our area," said CFCRC Chair and Seminole County Commissioner Amy Lockhart. "We're proud to move forward with broad community and private-sector support to explore the full potential of this project."

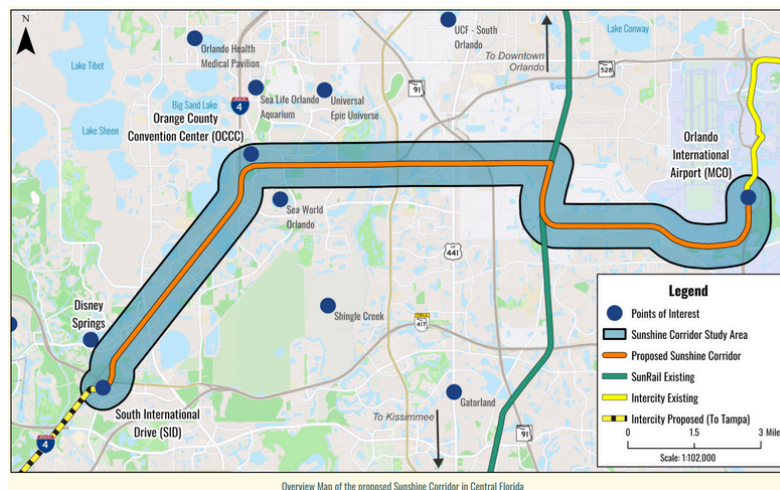


The Sunshine Corridor is a proposed passenger rail transportation program that would accommodate both an expansion of SunRail commuter rail service and Brightline's intercity passenger rail program in Central Florida. The corridor is proposed to expand existing SunRail service to connect to major destinations including Orlando International Airport, the Orange County Convention Center, South International Drive, and Disney Springs.

The CFCRC—made up of representatives from SunRail's partners (Osceola County, Orange County, Seminole County, Volusia County, and the City of Orlando)—requested that the Florida Department of Transportation (FDOT) lead the Sunshine Corridor advancement efforts. FDOT will oversee the PD&E Study, which will explore the project's feasibility, cost estimates, environmental considerations, funding strategy, and compliance with federal grant requirements. The study is a key step toward entering the Federal Transit Administration's project development process for federal funding.

"We are excited to start the next phase in the effort to bring the Sunshine Corridor to reality," said FDOT District Five Secretary and SunRail Chief Executive Officer John E. Tyler, P.E. "This will be another transformational project for our region, and we look forward to working closely with the project's public and private partners on the PD&E Study."

For more information on the proposed Sunshine Corridor, visit the project webpage for the Sunshine Corridor Transit Concept & Alternatives Review (TCAR) Study completed in 2024: <https://www.cflroads.com/project/451404-1>.



Moving Florida Forward: Modified Phased Design Build

COST EFFECTIVE
PLANNING



INNOVATIVE



COLLABORATIVE



QUALITATIVE
SELECTION



Modified phased design build (MPDB) is an innovative approach implemented by FDOT that improves contracting efficiency while expediting project timelines to address Florida’s evolving infrastructure needs. MPDB has four key components contributing to its success:

- Cost-effective planning
- Innovation
- Collaboration
- Qualitative selection

This contracting method focuses on collaboration while maintaining best

practices from existing contracting methods. The new approach has been implemented into the Moving Interstate 4 (I-4) Forward program, advancing the project’s completion date by over a decade as part of the Moving Florida Forward initiative.

The Moving I-4 Forward program, made possible by Governor Ron DeSantis and the support of Florida legislature, will provide vital congestion relief 10 to 20 years ahead of schedule with the widening of I-4 and the addition of new lanes.

Koda Cruises Through The 2025 Safety Summit

On May 9, 2025, the Florida Department of Transportation (FDOT) hosted the Central Florida Safety Summit, held at the Daytona International Speedway. The summit included presentations, discussions, and networking opportunities to promote safer transportation systems. A special guest named Koda showed that even our furry friends are ready to take the wheel in the quest to achieve Vision Zero.



ON THE CALENDAR

JUNE

- 6/1 - 6/30** Safe Summer Travel Month
- 6/6** National Secure Your Load Day
- 6/30 - 7/6** NHTSA Impaired Driving
- 6/1 - 11/30** Atlantic Hurricane Season

JULY

- 7/1 - 7/31** National Vehicle Theft Prevention Month
- 7/4** NHTSA Fourth of July: Drive Sober or Get Pulled Over
- 7/13 - 7/19** Operation Safe Driving Week (Commercial Vehicles)
- 7/7 - 7/31** NHTSA Speed Campaign