

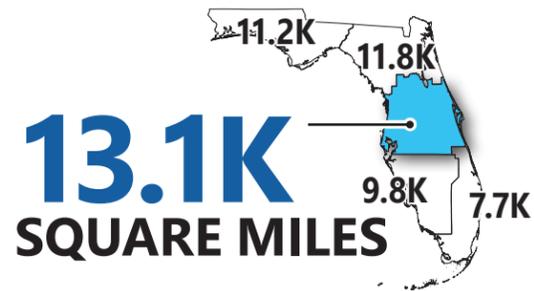


CENTRAL FLORIDA

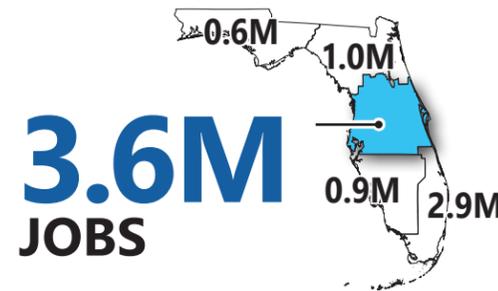
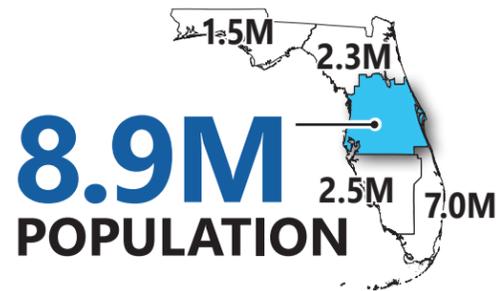
TRANSPORTATION TRENDS & CONDITIONS

Systems Forecasting
& Trends Office
FDOT

Nestled in the heart of Florida between the Gulf Coast and the Atlantic Ocean, Central Florida encompasses a tapestry of natural ecosystems, extensive urban development, and thriving recreational attractions. With almost double the road miles relative to other regions, this megaregion's fast-paced growth is forecasted to continue into the future, growing more diverse in age and race. The area's existing high-density population, rising in-migration, and more than 100 million annual visitors significantly impact congestion and multimodal safety. To address these issues and remain economically resilient, Central Florida communities are thoughtfully integrating land use and transportation decisions. These communities are creating plans and programs that enhance interregional connections, improve access for all users, and incorporate emerging transportation technologies. Regional partners have also committed to moving the needle on transportation safety through Target Zero policies and strategies.



[Statewide Transportation Trends & Conditions]



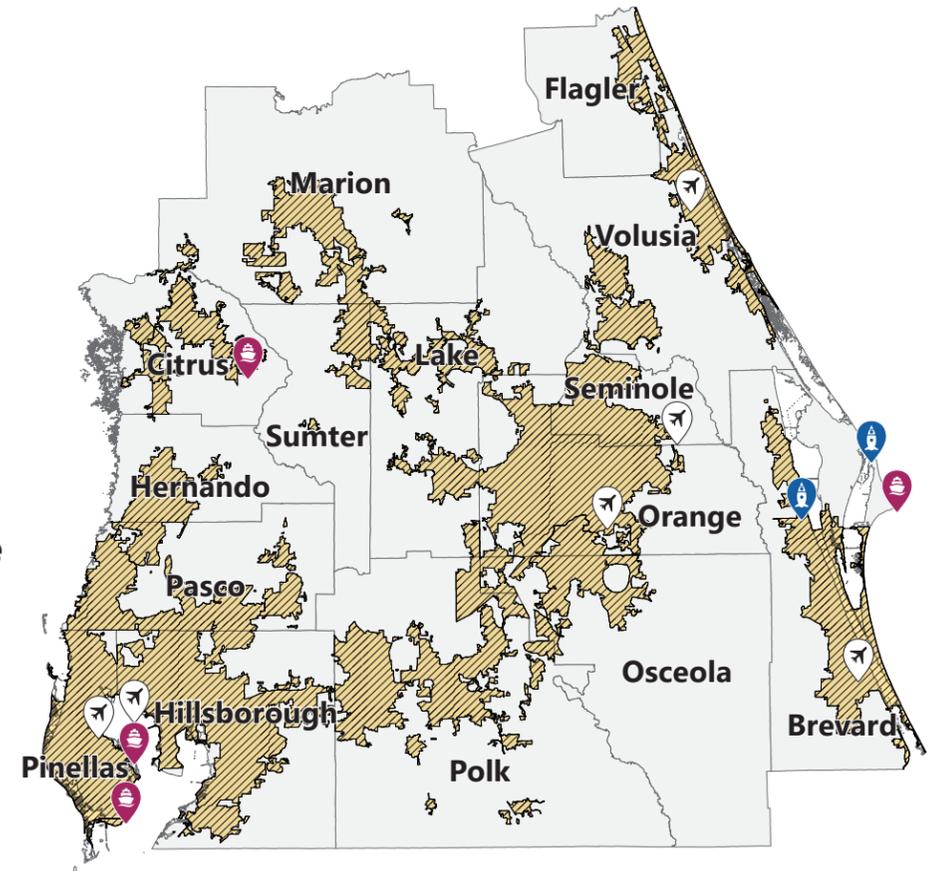
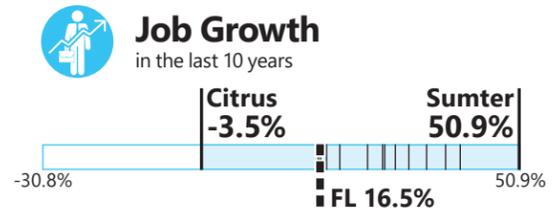
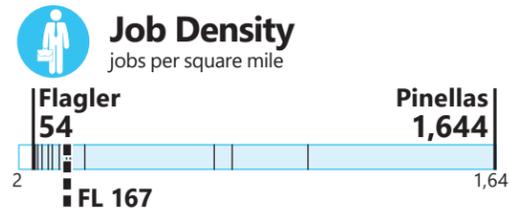
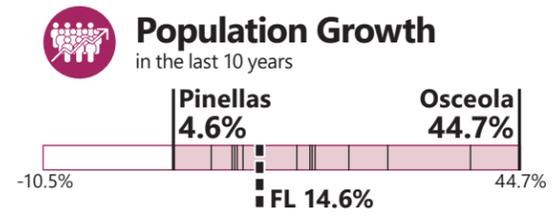
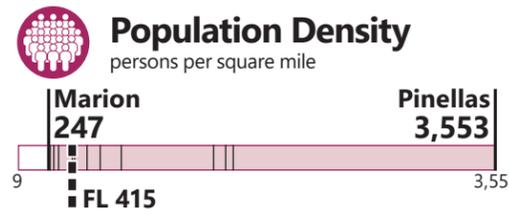
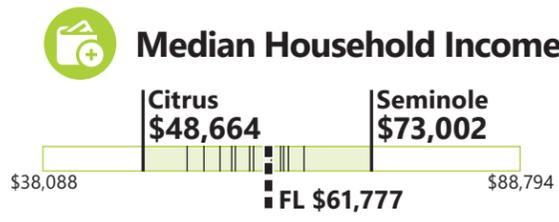
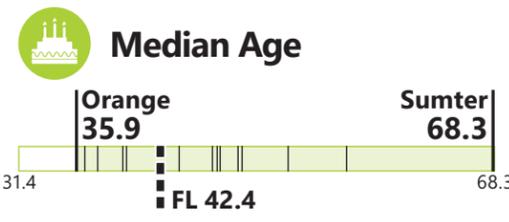
TRANSPORTATION SYSTEM HIGHLIGHTS

- 44,419** Public Road Miles
- 880** Rail Mainline Miles
- 627** Active SUN Trail Miles
- 4,077** Highway Bridges
- 16** Transit Systems
- 6** Commercial Airports
- 4** Seaports
- 2** Spaceports

[Transportation Trends and Statistics by FDOT Districts]

DEMOGRAPHIC CHARACTERISTICS

Reference scale bars reflect the range of values for each demographic characteristic across the state. Lines within shaded areas reflect values for Central communities.



- Urban Area
 - Airport
 - Seaport
 - Spaceport
 - County Boundary
- Florida (FL) Median

[Florida Trends & Conditions - Central Communities Storymap]

[Sources]

CENTRAL FLORIDA'S RAPID GROWTH CONTINUES

3.6 million new residents
2.1 million new jobs
by 2045



From Citrus Farms to Urban Centers: In the early to mid-19th century, Central Florida was primarily characterized by citrus farms and small settlements, initially relying on river routes for transportation before the introduction of railroads in the late 1800s. The 20th century ushered in significant development, driven by the completion of I-4, the establishment of Walt Disney World, the opening of several commercial airports, and substantial advancements in technology and aerospace industries. Orlando and Tampa continued to have rapid expansion and suburbanization through the early 21st century amid record population growth.



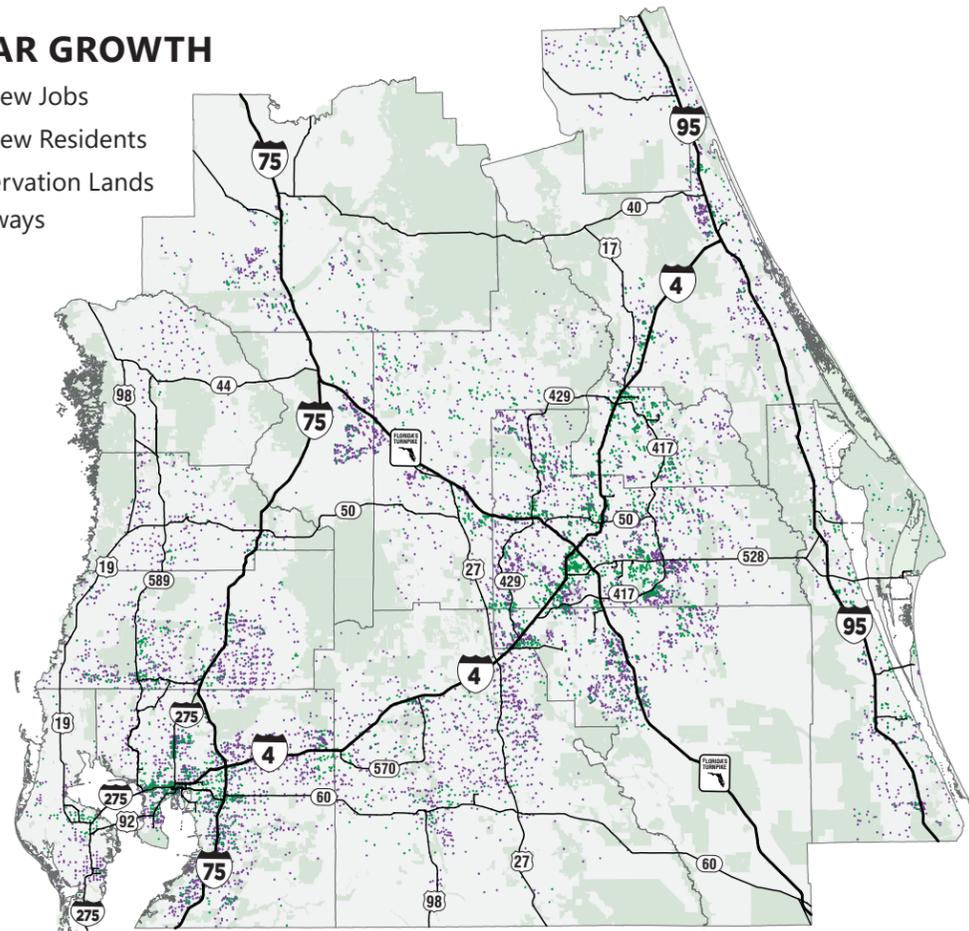
Exurban Growth: Looking forward to 2045, large population increases are projected in Pasco, Polk, Lake, Sumter, Flagler, and Osceola Counties, propelled by the rising cost of living in urban areas and undeveloped lands around the urban fringe.



Rural Area Industries & Freight Activity: Expansion to the rural areas is expected to stimulate industries, with the addition of Amazon distribution centers in Deltona and Polk counties. Increasing industry activity will contribute to more freight movement, leading to a projected 1.6 billion regional truck vehicle miles traveled (VMT) and an 87 percent growth in freight traffic in Polk and Lake counties by 2050.

30-YEAR GROWTH

- 500 New Jobs
- 500 New Residents
- Conservation Lands
- Roadways



Central Florida boasts world-renowned theme parks and beautiful natural landscapes, including lakes, springs, and beaches, drawing more than **100 million visitors** every year.

LEVERAGING ADVANCED TECHNOLOGY SOLUTIONS

\$14.5 million annual Orange County tax revenue from AAM by 2045
& 100 eVTOLs at Tampa airport by 2035

With increasing needs from more residents, workers, and visitors, as well as limited land and resources available, future transportation solutions will be heavily shaped by advanced technologies.



The **I-4 Florida Regional Advanced Mobility Elements (FRAME)** is a regional, intercity integrated corridor management project between Tampa and Orlando. It covers 77 miles of I-4, 122 miles of other limited-access routes, and 491 traffic aims to improve safety and alleviate congestion using emerging technologies.



SunTrax, a 475-acre FDOT test facility dedicated to the research and testing of emerging transportation technologies, opened in 2023. It includes a 2.25-mile multi-lane track, which is the only high-speed autonomous vehicle testing facility in the Southeastern U.S.



The Orlando and Tampa airports are exploring how to integrate **Advanced Air Mobility (AAM)** by using electric vertical takeoff and landing (eVTOL) aircraft to provide regional air mobility services.



Since 2015, the **Tampa-Hillsborough Expressway Authority Connected Vehicle Pilot Study** has equipped more than 600 vehicles with technology that enables them to communicate with each other and with the transportation infrastructure.



Pilot autonomous shuttles were launched by Beep in Lake Nona, Orange County, and Altamonte Springs, Seminole County, to support local circulation needs.

SunTrax Facility



Source: suntraxfl.com

Advanced Air Mobility Illustration



MOVING PEOPLE AND GOODS FOR A MEGAREGION

TRAVELING ON LAND

In 2022, Central Florida residents and visitors traveled over 133 million vehicle miles daily on state roadways and took over 44 million transit passenger trips. With dense urban centers and growing population, Central Florida has been experiencing safety challenges as roadways get busier. Agencies across the region continue to prioritize transportation safety, adopting and implementing significant safety policies and projects:

Central Florida roads carry over 6.3 million combination truck miles traveled daily,

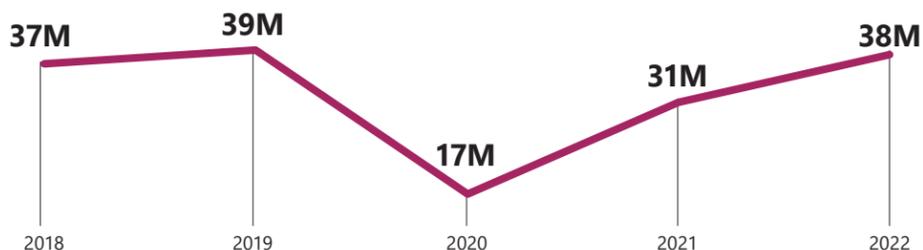
18 Safe Streets for All Grants totaling \$39.2 million	43 Local Complete Street Policies	3 Vision Zero Communities: Hillsborough County, Tampa, and Orlando
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accounting for 37 percent of the state's total truck traffic. Truck parking is an emergent concern to move goods safely. Despite having 60 percent of truck parking hotspots in Florida, the region only has 20 percent of the state's total truck parking spaces to supply. FDOT and its partners are evaluating truck parking solutions along I-4, I-75, and I-95.

TRAVELING BY AIR

Central Florida registered 38.2 million passenger boardings in 2022. Air tonnage has steadily increased over the last five years, reaching 646,000 tons of cargo in 2022. Orlando International Airport and Tampa International Airport jointly handle 77 percent of the air cargo in Central Florida.

Aviation Passenger Boardings from 2018 to 2022



29%

of fatal crashes in Central Florida involved a pedestrian or bicyclist in 2022.



There are **more than 1,100 bikeshare bikes and e-scooters** in Central Florida



Orlando International Airport opened a new terminal in 2022, expanding its ability to **accommodate 12 million new passengers yearly** and **increasing the overall airport capacity to 60 million annual passengers.**



TRAVELING OVER SEA

Central Florida is home to four cruise ports, including two major ports in Tampa Bay and Cape Canaveral, which capture a large share of the state's cruise activity. These ports have reinforced the area's tie with both coasts, sustaining Florida's tourism and trade activities with other continents.



Port Tampa Bay anticipates \$1.4 billion investment over 20 years, and 1.4 million annual passenger movements and 51 million tons of annual cargo by 2030.



Port Canaveral is anticipated to exceed 8 million annual passenger movements and 30 million tons of annual cargo by 2048.

TRAVELING TO SPACE

FDOT and its partners continue their commitment to grow the country's space travel, having funded \$310 million in the last five years and programmed another \$300 million through 2028 for Spaceport Improvement Program projects. The Spaceport is expected to continue to spur economic development in the tech industry and attract high-skilled labor.



Through its Artemis Program, NASA envisions sending **astronauts to the lunar south pole** by 2026.



Cape Canaveral Spaceport in 2023

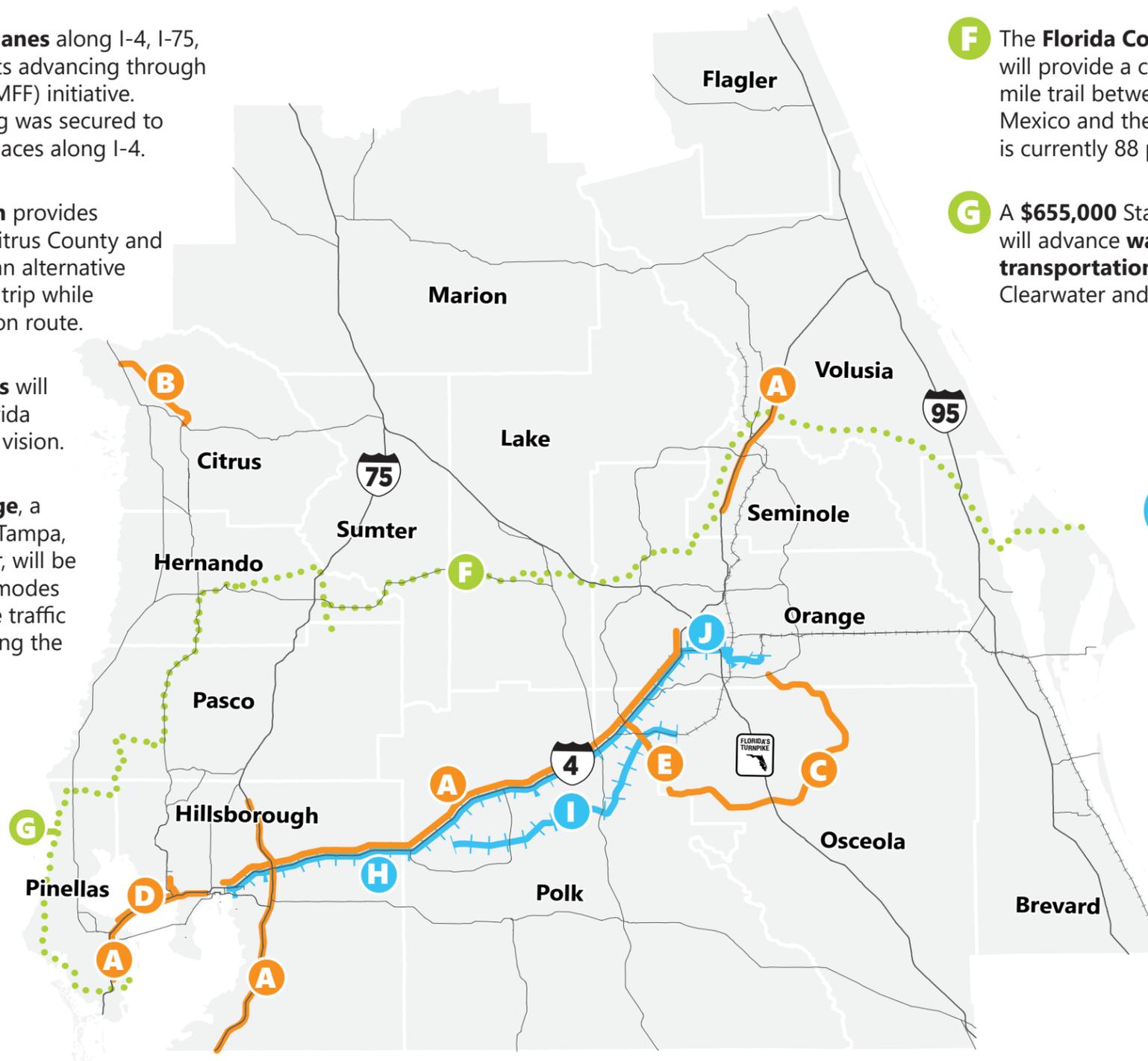
72 Launches	2.0M Pounds to Orbit	1,513 Payloads
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ENHANCING INTERREGIONAL & INTERMODAL CONNECTIVITY

Local agencies continue to heavily invest in interregional and intermodal infrastructure—comprehensive transit connections, extensive trail systems, complete streets, and robust highway express lanes—to more seamlessly link the major metro areas of Orlando and Tampa.

HIGHWAY

- A** 160 miles of new managed lanes along I-4, I-75, and I-275, with some segments advancing through the Moving Florida Forward (MFF) initiative. \$180 million in Federal funding was secured to add over 900 truck parking spaces along I-4.
- B** Suncoast Parkway Extension provides improved mobility between Citrus County and the Tampa Bay area. It offers an alternative to U.S. 19 for the north-south trip while enhancing hurricane evacuation route.
- C** 50 miles of new expressways will be added, per the Central Florida Expressway Authority's future vision.
- D** The Howard Frankland Bridge, a primary connection between Tampa, St. Petersburg, and Clearwater, will be reconstructed to enhance all modes of transportation and alleviate traffic congestion while also improving the resilience of the facility to environmental challenges.
- E** The 3-mile Poinciana Parkway Extension and 4-mile Poinciana Connector are being advanced by the Central Florida Expressway and Florida's Turnpike Enterprise, respectively, to improve traffic flow and regional connectivity in the area.



NON-MOTORIZED MODES

- F** The Florida Coast-to-Coast Trail will provide a continuous 250-mile trail between the Gulf of Mexico and the Atlantic Ocean. It is currently 88 percent complete.
- G** A \$655,000 State grant will advance waterborne transportation services between Clearwater and Dunedin.

Regional and local initiatives will advance Central Florida's active transportation over the next 20 years:

- \$86 million programmed by Forward Pinellas MPO.
- \$115 million programmed by MetroPlan Orlando.
- \$18 million programmed by Space Coast TPO.
- The planned Polk to Collier Regional Trail, will connect Collier, Hendry, Glades, Highlands, Hardee, and Polk Counties.

TRANSIT

- H** A \$15.9 million federal grant was received for the preliminary design of Brightline from Orlando to Tampa.
- I** SunRail Extension to Lakeland, forecasted to remove 800,000 vehicles from roadways annually, is being advanced to project development.
- J** The Sunshine Corridor will expand SunRail to connect Orlando International Airport west to the Orange County Convention Center, then southwest to South International Drive. It is envisioned to provide direct transfers to Brightline.

A \$1.75 million Regional Infrastructure Accelerator grant has been awarded to the City of Tampa to advance innovative transportation financing and incentives for transit-oriented development.