

# Florida Department of Transportation Key Initiatives

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# Presentation Outline

- Vital Few
- Shared Use Non-Motorized (SUN) Trail Program
- Strategic Intermodal System (SIS)
- Planning Challenges
- Vision Zero







## Vital Few

- Developing sustained strategies that attract, recruit, train/retain a strong **workforce**
- Improving **safety** in all our transportation modes
- Enhancing **mobility** in keeping with our mission of efficiently moving people and goods
- Embracing **innovation** in every aspect of our agency

The



Rule





# Shared-Use Nonmotorized (SUN) Trail Program

- Section 339.81, Florida Statute, established the program in 2015
- \$25 million annually funded from the redistribution of new vehicle tag revenues
- To develop a statewide system of paved non-motorized trails for bicyclists and pedestrians (SUN Trail network) that are a priority established within the Florida Greenways & Trails System, Chapter 260, Florida Statute



**People are more likely to shift from driving to bicycling if they feel safer and more comfortable in their environment.**

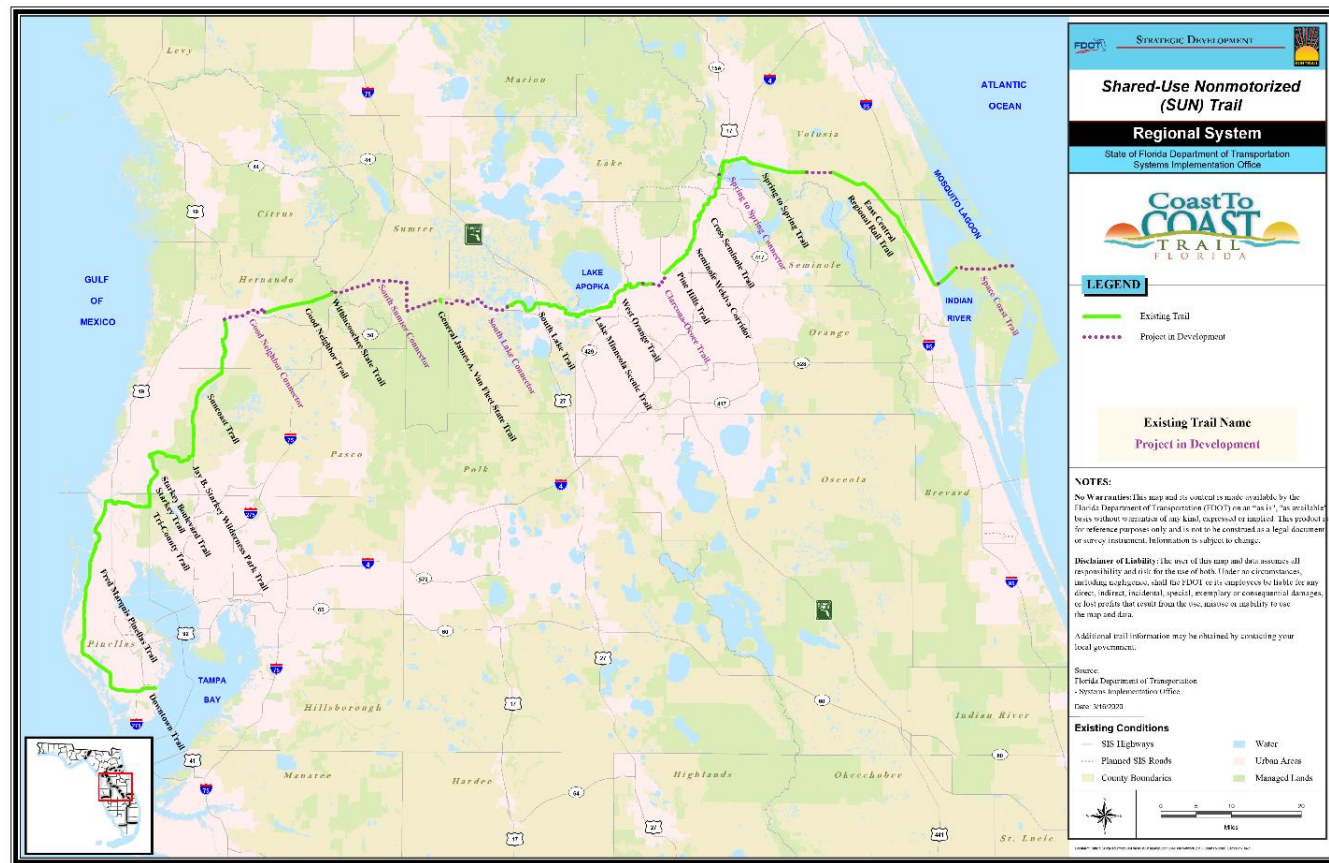
*Commuting Trends in Florida,  
Florida Department of Transportation (2016)*





# Coast to Coast Trail

- A developing 250-mile regional trail system spanning nine counties through Central Florida
- When complete it will connect Tampa Bay and the Gulf of Mexico to the Atlantic Ocean
- Over 180 miles of existing trail, in segments
- Multiple construction and pre-construction projects underway
- More than \$29.5 million programmed in the FDOT Five-Year Work Program through fiscal years 2023/2024







# Coast to Coast Trail

## Starkey Trail

The Shared-Use Nonmotorized (SUN) Trail program provided nearly \$2.8 million for this construction project, formerly known as the Starkey Gap – now the Starkey Trail. It completes Pasco county's last link of the Coast to Coast Trail (C2C). The developing C2C regional system will connect communities and destinations through Central Florida from the Gulf of Mexico to the Atlantic Ocean. Today, bicyclists and pedestrians may begin at Demens Landing Park in downtown St. Petersburg, and journey over 80 miles along the C2C to Hernando county's Suncoast Trail, and beyond; another 100 miles of the C2C exists in segments to Titusville.

The Starkey Trail closes the 2.4-mile gap between the segment along Starkey Boulevard in the community of Trinity and the Tri-County Trail at the Pasco and Pinellas county line. A portion of the project is along a Duke Energy (an electric power company) high-tension utility line. Public-private partnerships offer promising opportunities for furthering trail connectivity. The

Rails-to-Trails Conservancy provides more information about the benefits of co-locating trails and utility corridors.

Established during the 2015 legislative session and administered by the Florida Department of Transportation, the SUN Trail program receives an annual allocation from the redistribution of new vehicle tag revenues to expand the statewide system of paved multi-use trails (SUN Trail network) for bicyclists and pedestrians. The SUN Trail network is a refined version of the Florida Greenways and Trails System Plan's Land Trail Priority network. This project improves Florida's transportation system. It enhances access between community features including businesses and natural areas.

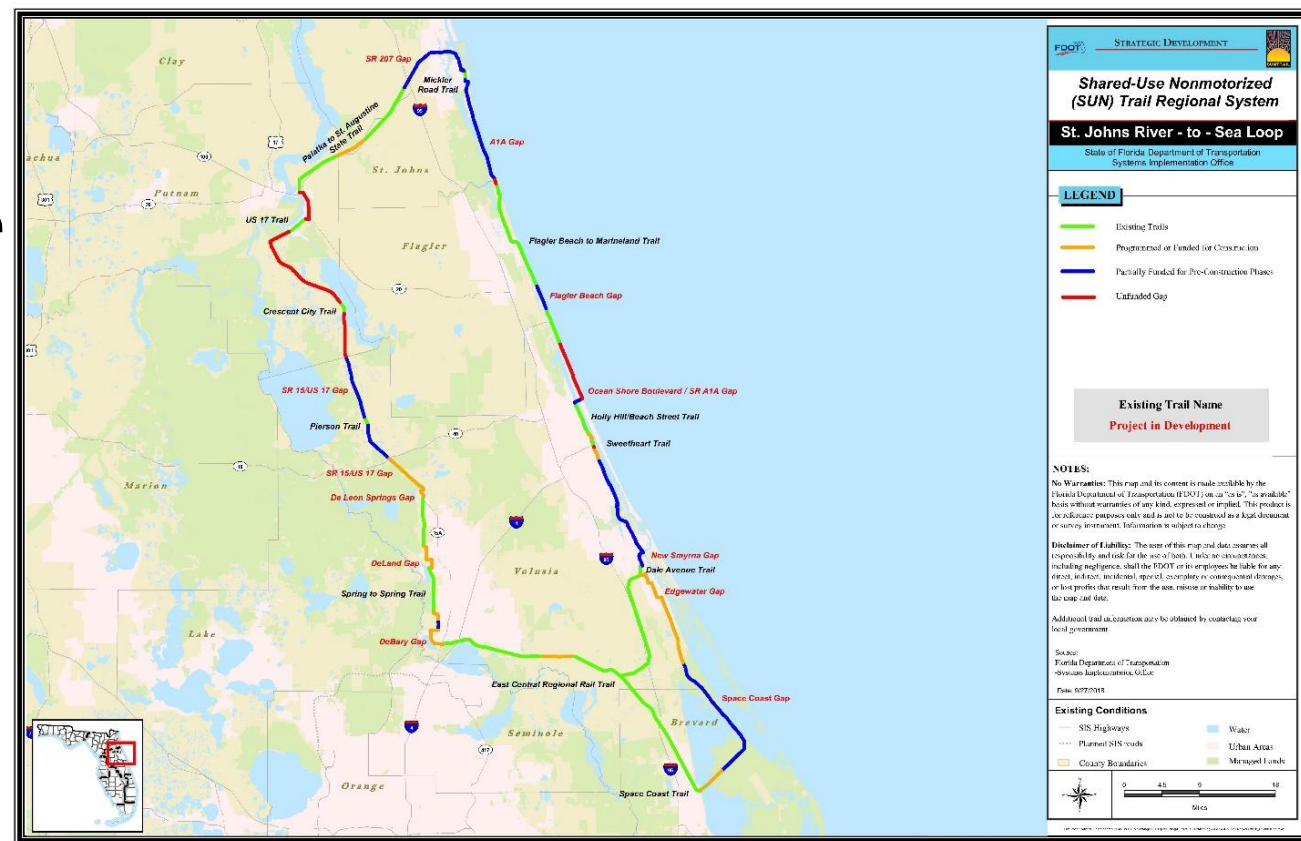
**To learn about the Coast to Coast Trail,**  
**see: [C2Ctrail.com](http://C2Ctrail.com)**





# St. Johns River-to-Sea Loop – a complimentary route of the ECG

- A developing 260-mile regional trail system
- When complete it will connect five counties in east central Florida
- Over 110 miles are existing, in segments
- More than \$25.8 million is programmed in the FDOT Five-Year Work Program through fiscal years 2023/2024





# St. Johns River-to-Sea Loop – a complimentary route of the ECG

## SUN Trail Funding Fact Sheet Dale Avenue Trail

In just over a year from proposing the project, the city of Edgewater was host to the first ground breaking and subsequently the first opening of a Shared-Use Nonmotorized (SUN) Trail funded construction project. Extending from the intersection of Dale Avenue and West Park Avenue, north to 10th Street, this 1.2-mile project provides transportation options around Daytona State College's New Smyrna/Edgewater Campus, and New Smyrna Beach Middle and High Schools. The bridges crossing the Turnbull Hummock are highlights of this nearly \$1.1 million project. The city of Edgewater manages this trail which connects to the East Central Regional Rail Trail.

Established during the 2015 legislative session and administered by the Florida Department of Transportation, the SUN Trail program receives \$25 million annually, from new vehicle tag fees, to expand the statewide system of paved multi-use trails (SUN Trail network) for bicyclists and pedestrians. The

SUN Trail network of Greenways and Trail Priority network. Located to transportation in the networks including:

- **St. Johns River-to-Sea Loop** developing 260-mile regional trail system that will link the Tri-County Agritourism Corridor to the Space Coast. See: [sjr2c.org](http://sjr2c.org)
- **East Coast Greenway** developing 3,000-mile national trail system that will link communities along the eastern seaboard from Key West, Florida to Calais, Maine. See: [www.greenway.org](http://www.greenway.org)



To visit the trail or for more information, please contact:  
City of Edgewater • 386-424-2400 • [www.cityofedgewater.org](http://www.cityofedgewater.org)

## SUN Trail Funding Fact Sheet Pierson Trail

The Florida Department of Transportation completed design and construction of a 12-foot-wide Shared-Use Nonmotorized (SUN) Trail funded project along the east side of U.S. 17 (also known as State Road 15 and North Center Street) from Washington Avenue to Palmetto Avenue, to coincide with opening the elementary school in August 2018. Implementation of this trail addresses a need identified in the 2008 Pierson/Seville Elementary School Bicycle and Pedestrian Safety Study. The project extends just over one-mile from the school, south past the Municipal Airport, and connects to the sidewalk on Washington Avenue, which provides access to the Volusia County's Volcan Bus Route (Pierson/Seville) and to the baseball fields at Nixon Park on Chipper Jones Lane. The \$1 million trail gives students an opportunity to increase their physical activity by walking or bicycling between their homes, the school and the park.

Established during the 2015 legislative session and administered by the Florida Department of Transportation, the SUN Trail program receives \$25 million annually, from new vehicle tag fees, to expand

the statewide SUN Trail network.

- **St. Johns River-to-Sea Loop** developing 260-mile regional trail system that will link the Tri-County Agritourism Corridor to the Space Coast. See: [sjr2c.org](http://sjr2c.org)
- **A Complimentary route of the East Coast Greenway** developing 3,000-mile national trail system that will link communities along the eastern seaboard from Key West, Florida to Calais, Maine. See: [www.greenway.org](http://www.greenway.org)

## SUN Trail Funding Fact Sheet Palatka to St. Augustine State Trail

The Shared-Use Nonmotorized (SUN) Trail program funded construction of two projects in St. Johns County. Combined, they close the final 3.5-mile gap in the Palatka to St. Augustine State Trail. Built on a former railroad corridor north of State Road 207, this section of trail extends from the Putnam county line across from Merryfield Lane, east to Spuds. Highlights of the \$6.2 million project include the trail bridge trestles over Deep Creek and Cracker Branch Creek. The first three-time winner of the Gold Medal honoring the nation's best state park system, the Florida Park Service manages the 19-mile Palatka to St. Augustine State Trail.

The project also includes the installation of a traffic control device, known as the pedestrian hybrid beacon (PHB), where the trail crosses State Road 207. When activated, the PHB assigns right-of-way to the trail visitor and provides positive stop control for the motorists, allowing them to proceed once the trail visitor has cleared their side of the travel lane, reducing vehicle delay. The beacon head, which faces the motorists, consists of two red lenses (lights) above a single yellow lens (light). The lenses (lights) remain "dark" until a trail visitor pushes the call button to activate the beacon. The signal then initiates a yellow to red lighting sequence consisting of steady and flashing lights that directs motorists to slow and come to a stop. A signal facing the trail flashes a WALK display to the trail visitor to enter the crosswalk. Once the trail visitor has safely crossed, the hybrid beacon again goes dark.

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- **St. Johns River-to-Sea Loop** developing 260-mile regional trail system that will link the Tri-County Agritourism Corridor to the Space Coast. See: [sjr2c.org](http://sjr2c.org)
- **A Complimentary route of the East Coast Greenway** developing 3,000-mile national trail system that will link communities along the eastern seaboard from Key West, Florida to Calais, Maine. See: [www.greenway.org](http://www.greenway.org)



To visit the trail or for more information, please contact:  
Florida Park Service • 386-329-3721 • [www.floridastatetrail.org](http://www.floridastatetrail.org)

## SUN Trail Funding Fact Sheet Spring-to-Spring Trail

The Shared-Use Nonmotorized (SUN) Trail program awarded over \$1.6 million for the construction of the DeBary section of the Spring-to-Spring Trail, known as Phase 3A, from Donald E. Smith and DeBary Plantation Boulevards northwest to near Detroit Terrace. This 1.2 mile segment connects to the existing Spring-to-Spring Trail, where visitors can continue to Blue Spring State Park or beyond to Lake Beresford Park.

A public-private partnership and license agreement provided the ability to close this gap in the trail system. Made possible by Duke Energy, an electric power company, the new trail segment crosses their land. Duke Energy plans to construct a large solar farm nearby that will be visible by trail users. Duke Energy is also working with Pinellas county to close gaps in the SUN Trail network in Clearwater. Rails-to-Trails Conservancy provides more information about the benefits of co-locating trails and utility corridors.

Established during the 2015 legislative session and administered by the Florida Department of Transportation, the SUN Trail program receives \$25 million annually, from new vehicle tag fees, to expand the statewide system of paved multi-use trails (SUN Trail network) for bicyclists and pedestrians. The

SUN Trail network aligns to the statewide Florida Greenways and Trails System Plan's Land Trail Priority network. Location of this project is integral to transportation in Florida, it is along major networks including:

- **St. Johns River-to-Sea Loop**, which is a developing 260-mile regional trail system that will link the Tri-County Agritourism Corridor to the Space Coast. See: [sjr2c.org](http://sjr2c.org)
- **A complimentary route of the East Coast Greenway**, which is a developing 3,000-mile national trail system that will link communities along the eastern seaboard from Key West, Florida to Calais, Maine. See: [www.greenway.org](http://www.greenway.org)



To visit the trail or for more information, please contact:  
Volusia County – Parks, Recreation and Culture • 386-736-5953 • [www.volusia.org/trails](http://www.volusia.org/trails)



East Coast



Greenway







# East Coast Greenway

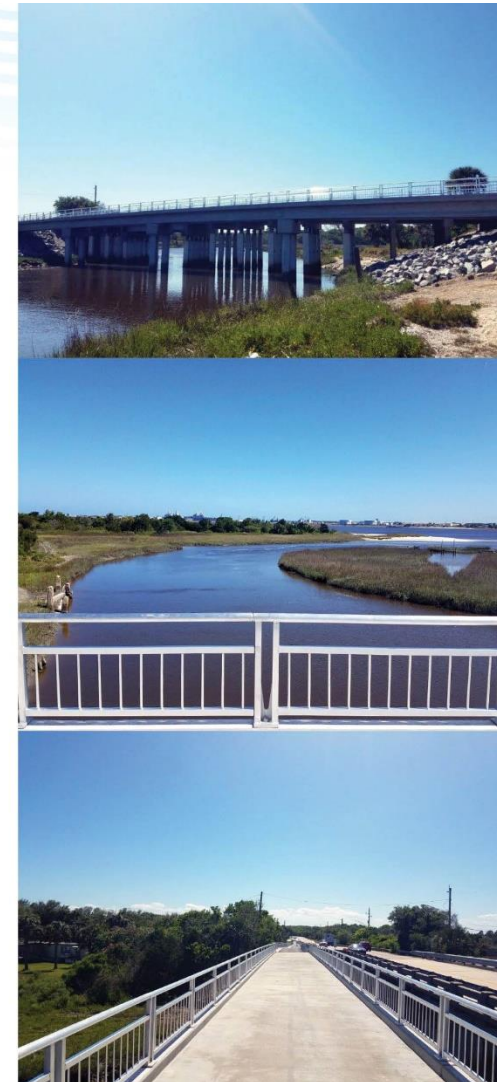
## Timucuan Trail

Visioning for the Timucuan Trail began over 20 years ago. The first trail segment opened along Little Talbot Island in 2005. Local, state, and federal government and nonprofit partners continue using multiple funding sources to implement the vision for connecting culturally rich and ecologically diverse resources along Florida's northeast coast. Most recently the Shared-Use Nonmotorized (SUN) Trail program provided over \$3.1 million for the construction of a half-mile trail extension and bridge crossing Haulover Creek. Located along State Road A1A, also known as Heckscher Drive, this SUN Trail project extends the Timucuan Trail near Ft. George Island Cultural State Park to the city of Jacksonville's Huguenot Memorial Park.

Established during the 2015 legislative session and administered by the Florida Department of Transportation, the SUN Trail program receives \$25 million annually, from new vehicle tag fees, to expand the statewide system of paved multi-use trails (SUN Trail network) for bicyclists and pedestrians. The SUN Trail network aligns to the statewide Florida Greenways and Trails System Plan's Land Trail Priority network. This project improves safety and mobility while enhancing access to Florida's unique resources.

Learn more about distinctions and the resources along the Timucuan Trail:

- **East Coast Greenway, which is a developing 3,000-mile national trail system that will link communities along the eastern seaboard from Key West, Florida to Calais, Maine.**  
See: [www.greenway.org](http://www.greenway.org)
- **A1A Ocean Islands Trail, a Florida Scenic Highway.**  
See: <https://floridascenichighways.com/our-byways/northern-region/a1a-ocean-islands-trail/>
- **Designation by the Secretary of the Interior as a National Recreation Trail.**  
See: <https://www.americantrails.org/national-recreation-trails>
- **The Gullah Geechee Cultural Heritage Corridor, which is a federal National Heritage Area established by the U.S. Congress to recognize the unique culture of the people who resided in the coastal areas and the sea islands, from Pender County, North Carolina, to St. Johns County, Florida.**  
See: <https://www.gullahgeecheecorridor.org/?Itemid=102>
- **The French Heritage Trail guide, produced in partnership from the Florida Department of State with the France – Florida Federation for the Arts and the Consulate General of France in Miami.**  
See: <https://dos.myflorida.com/historical/preservation/heritage-trails/french-heritage-trail/>
- **The Native American Heritage Trail, which promotes awareness about Native American cultures in Florida.**  
See: <https://dos.myflorida.com/historical/preservation/heritage-trails/native-american-heritage-trail/>
- **The Great Florida Birding and Wildlife Trail, a network of wildlife viewing sites across the state.**  
See: <http://floridabirdingtrail.com/>



# Strategic Intermodal System



<https://youtu.be/kpz6ubagTog>

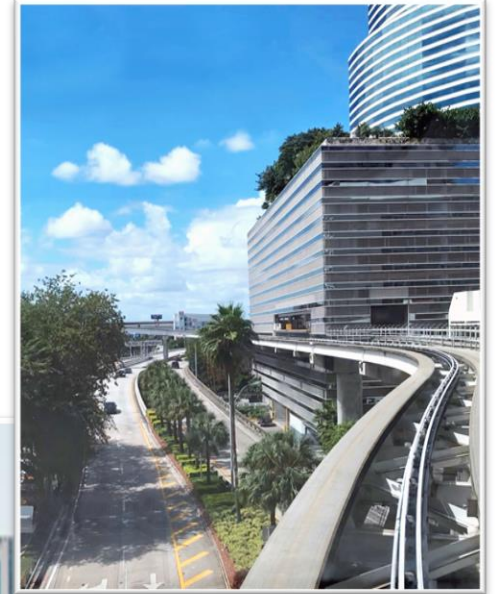




# Planning Challenges

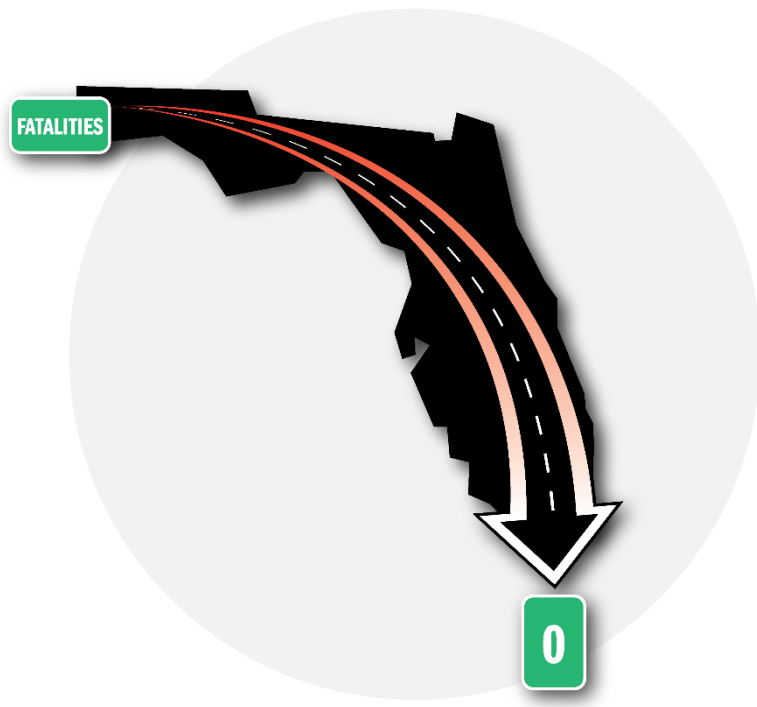
challenges are  
opportunities in  
disguise

- Paradigm shift
- Planning for uncertainty
- Transportation Choices





# Vision Zero



ONE FATALITY IS  
ONE TOO MANY







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