



AGENDA
CITY OF ORMOND BEACH, FLORIDA
CITY COMMISSION WORKSHOP
January 24, 2023
5:30 PM

Mayor Bill Partington

Zone 1 - Commissioner Lori Tolland

Zone 3 - Commissioner Susan Persis

Zone 2 - Commissioner Travis Sargent

Zone 4 - Commissioner Harold Briley

COMMISSION CONFERENCE ROOM
22 South Beach Street, Ormond Beach, FL 32174
Phone: 386-677-0311 Web: www.ormondbeach.org

1. CALL TO ORDER

2. DISCUSSIONS

A. FDOT Transportation Update

Staff Contact: *Shawn Finley, Public Works Director, (386) 676-3292*

3. ADJOURNMENT

Website Address – www.ormondbeach.org

NOTICE – Pursuant to Section 286.0105 of the Florida Statutes, if any person decides to appeal any decision made by the City Commission with respect to any matter considered at this public meeting, such person will need a record of the proceedings and for such purpose, such person may need to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which the appeal is to be based.



For special accommodations, please notify the City Clerk's Office at least 72 hours in advance.
Phone: 386-677-0311



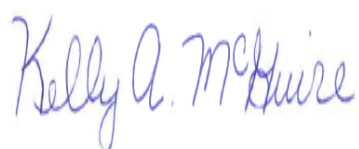
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In accordance with the Americans with Disabilities Act (ADA), persons with a disability, such as a vision, hearing or speech impairment, or persons needing other types of assistance, and who wish to attend City Commission meetings or any other board or committee meeting may contact the City Clerk's Office in writing, or may call 386-677-0311 for information regarding available aids and services.



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Meeting Date: 1/24/2023		AGENDA ITEM		Number: 2.A
Section:	DISCUSSIONS			
Item Category:	City Commission Workshop	Res./Ord. No:		
Strategic Goal:	Transportation – Other			
Department :	Public Works			
Subject:	FDOT Transportation Update			
Budget Impact:	There is no budget impact.			
Summary:	This workshop will update the City Commission on progress related to FDOT's work towards modernization of the I-95 Interchange at U.S. 1.			
Recommended Action:	Staff requests that feedback be given to the FDOT to proceed with further development of construction plans.			
Staff Contact:	Shawn Finley, Public Works Director, (386) 676-3292			
Approval:				
Kelly McGuire, Finance Director		1/18/2023		
Claire Whitley, Assistant City Manager		1/18/2023		
Joyce Shanahan, City Manager		1/19/2023		



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CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners
Through: Joyce Shanahan, City Manager
From: Shawn Finley, Public Works Director
Date: January 24, 2023
Subject: FDOT Transportation Update
Commission Goal: Transportation – Other

Introduction

This workshop is scheduled to provide an opportunity for the Florida Department of Transportation (FDOT) to update the City Commission on planned projects to upgrade the safety and operation of FDOT/State roadways within the City.

Background

The City has made safe and efficient transportation one of its top priorities. As transportation trends and needs evolve, it is critical to review operation of roadways and investigate improvements that can make the roadways more efficient and safer for all users. Improvements to roadways maintained by the Florida Department of Transportation require coordination by City staff with FDOT. One of the City's longstanding priorities has been the upgrade of the interchange of I-95 at U.S.1. The current configuration of this interchange has not progressed with changing traffic patterns and volumes and is consistently one of the most dangerous interchanges in Volusia and Flagler Counties.

Discussion

FDOT, at the request of City staff, has prepared presentations related to proposed improvements of the I-95 interchange at U.S. 1. These conceptual plans represent the progress of FDOT's Project Development & Environment (PD&E) process and present modifications that not only address current deficiencies, but also identify opportunities to improve these roadways and address future needs.

Staff will use this opportunity to update the City Commission on additional FDOT projects including projects improving Granada Blvd. and S.R. A1A.

Budget Impact

There is no budget impact.

Citizen Impact

Improvements to the City's transportation facilities benefit all residents and visitors to the community. A coordinated effort with the FDOT allows the City to provide input that will add to the future design and operation of these roadways.

Recommendation

Staff requests that feedback be given to the FDOT to proceed with further development of construction plans.

Attachments:

1. 419772-2_Ormond Beach PPT_01-24-2023

Approvals:



Kelly McGuire, Finance Director

Date: January 18, 2023



Claire Whitley, Assistant City Manager

Date: January 18, 2023



Joyce Shanahan, City Manager

Date: January 19, 2023

1-95 Interchange at U.S. 1 PD&E Study (FP10 #. 419112-2)

*Ormond Beach City
Commission*

January 24, 2023



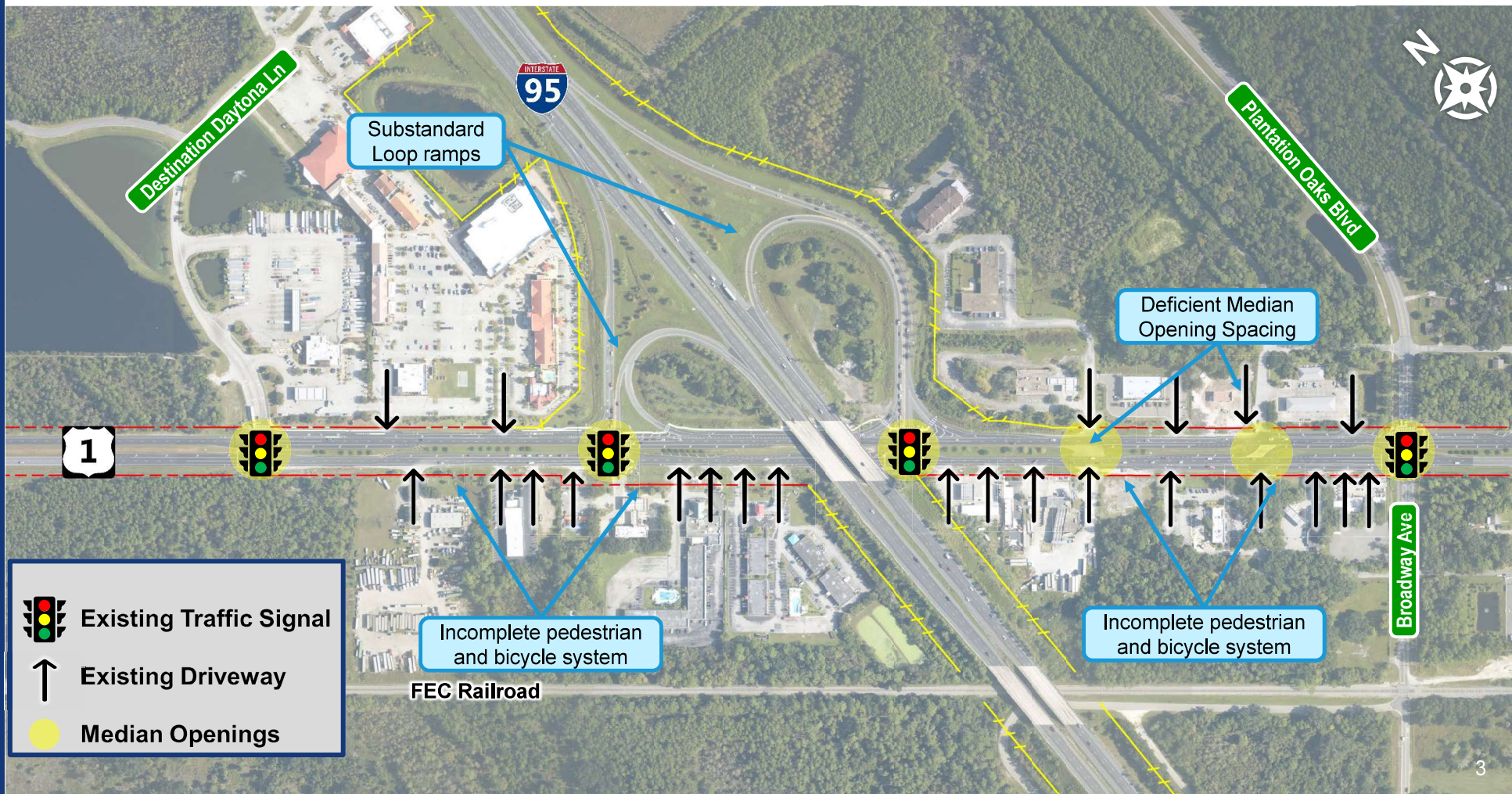
Agenda

1. Project Overview
2. Community Engagement
3. Preferred Alternative Features
4. Schedule
5. Questions

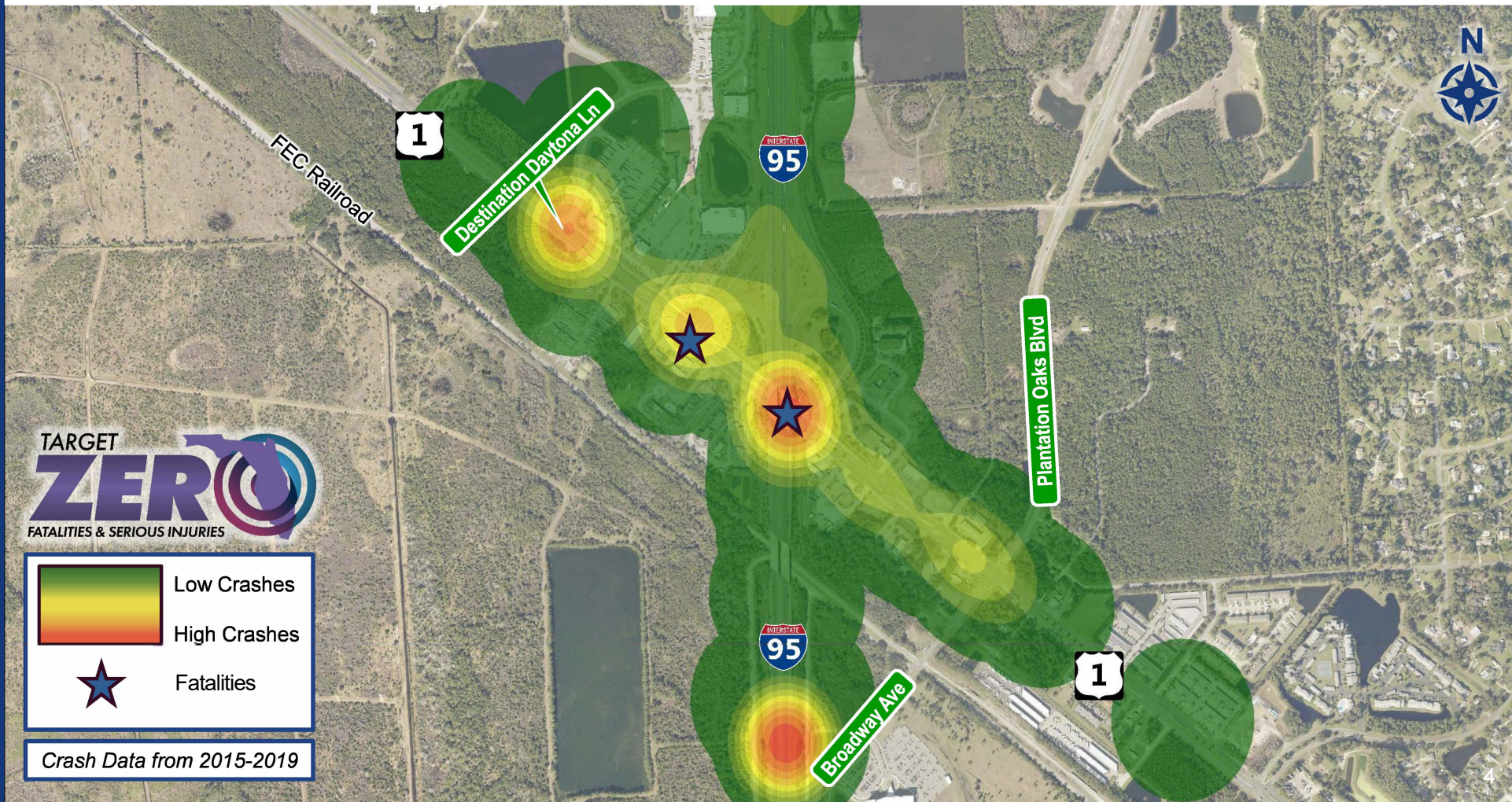


Simulation of the Preferred Alternative

Project Overview



Crash History



Dangerous by Design

IV. The most dangerous places to walk in the United States

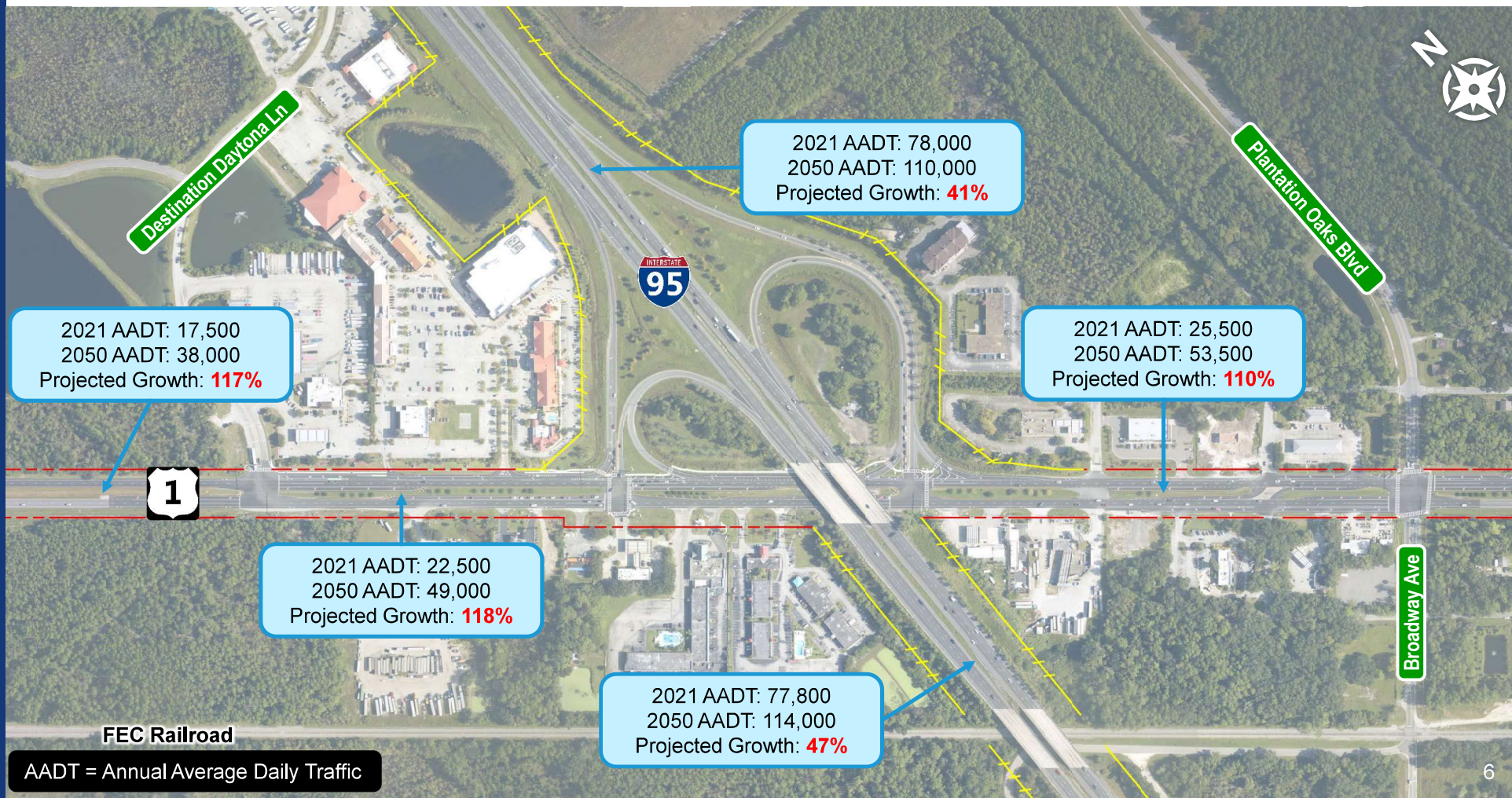
The top 20 most dangerous metro areas

This map highlights the 20 most dangerous metropolitan areas in the United States for people walking between 2016 and 2020, ranked by average yearly deaths per 100,000 people.

As in previous versions of this report, metro areas within the southern half of the US account for a sizable portion of the top twenty most dangerous metro areas in the nation. The top 20 list includes 15 of that region's major metro areas, including seven from Florida.



Projected Traffic Growth



PD&E Study Purpose and Need

- Develop an interchange improvement project that:
 - Serves the existing and future travel demand
 - Improves safety and enhances pedestrian environment
 - Focuses on Community
 - Reflects cost-effective design
 - Minimizes impacts to the surrounding area

Stakeholder Engagement

- Local Project Office
- Project Advisory Group
- Meetings with City and County Staff
- Public Open House
- One-on-one informal meetings with property owners
- Project webpage:
<https://www.cflroads.com/project/419772-2>



Preferred Alternative Diverging Diamond



Diverging Diamond Benefits

Capacity / Traffic Operations

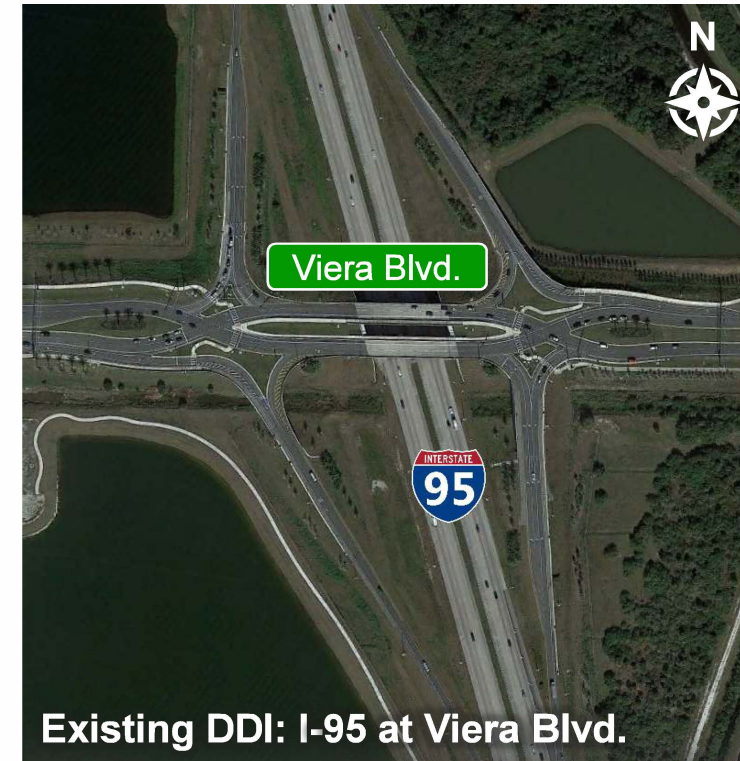
- Accommodates twice as many left turns as a conventional diamond interchange
- Accommodates large commercial vehicles

Safety

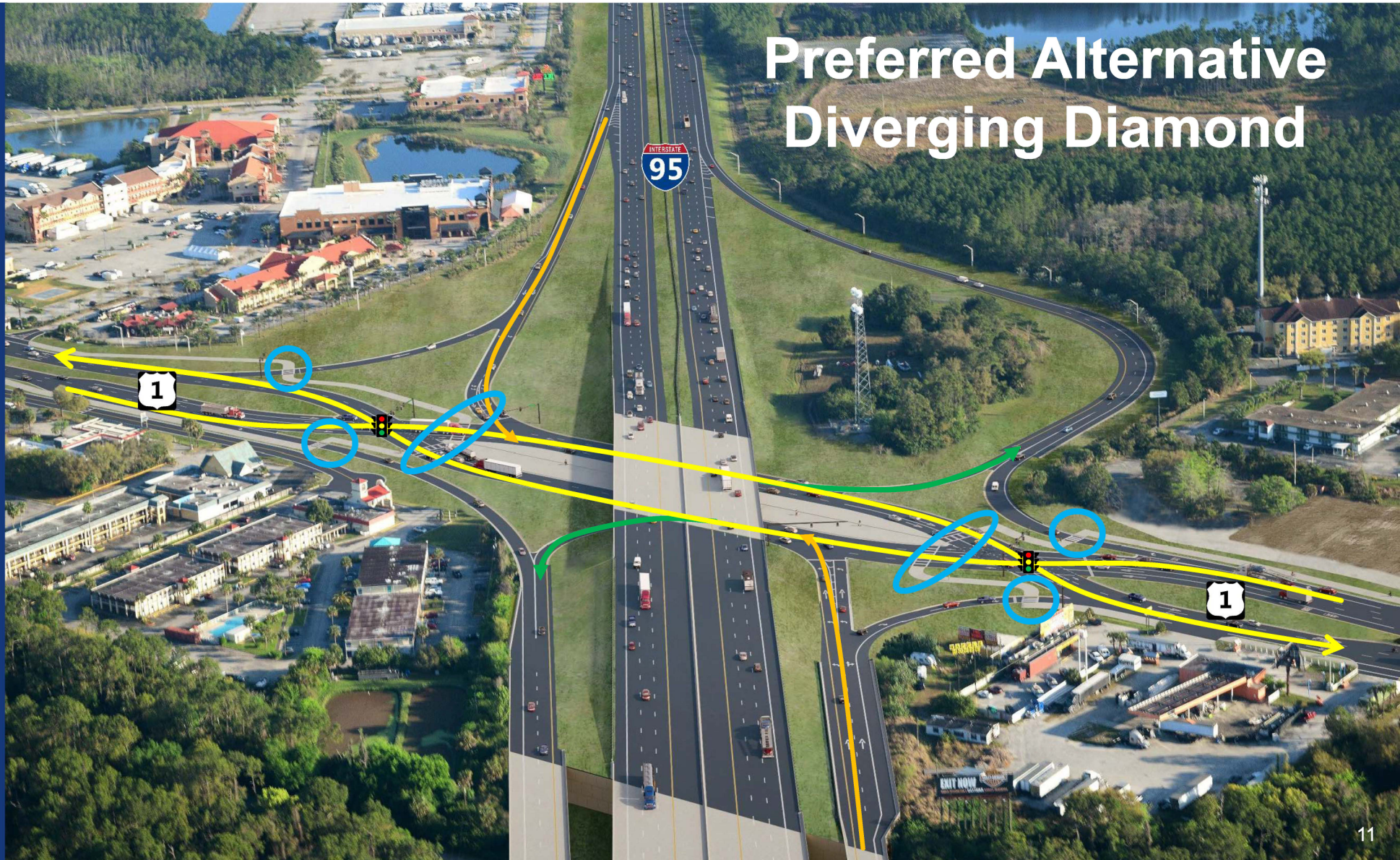
- Fewer conflict points than a conventional diamond interchange
- Reduced severity of conflicts

Pedestrians and Bicycles

- Safer for pedestrian and bicycle crossings

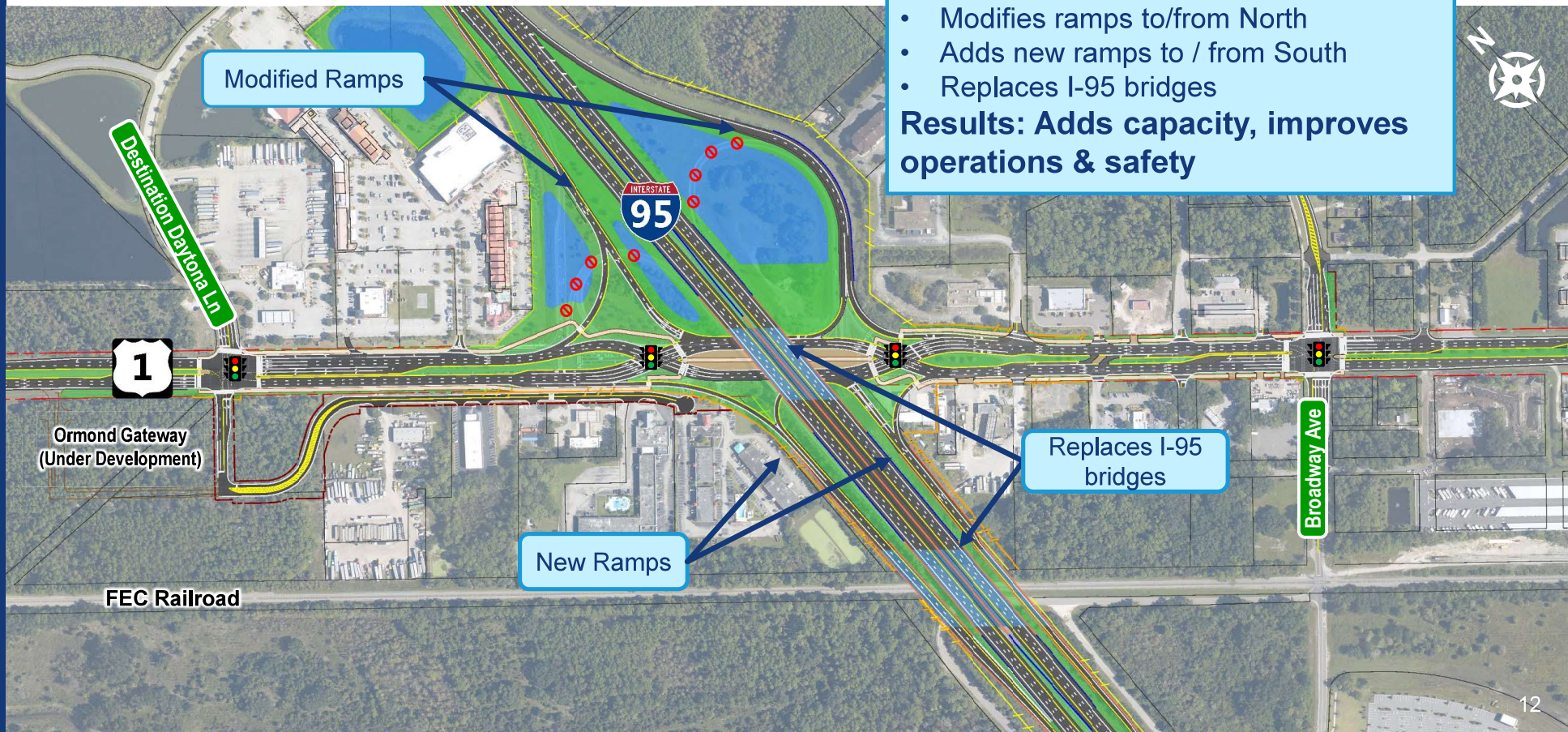


Preferred Alternative Diverging Diamond



Preferred Alternative

Diverging Diamond Interchange (DDI)



Interchange

- Removes loop ramps
- Modifies ramps to/from North
- Adds new ramps to / from South
- Replaces I-95 bridges

Results: Adds capacity, improves operations & safety

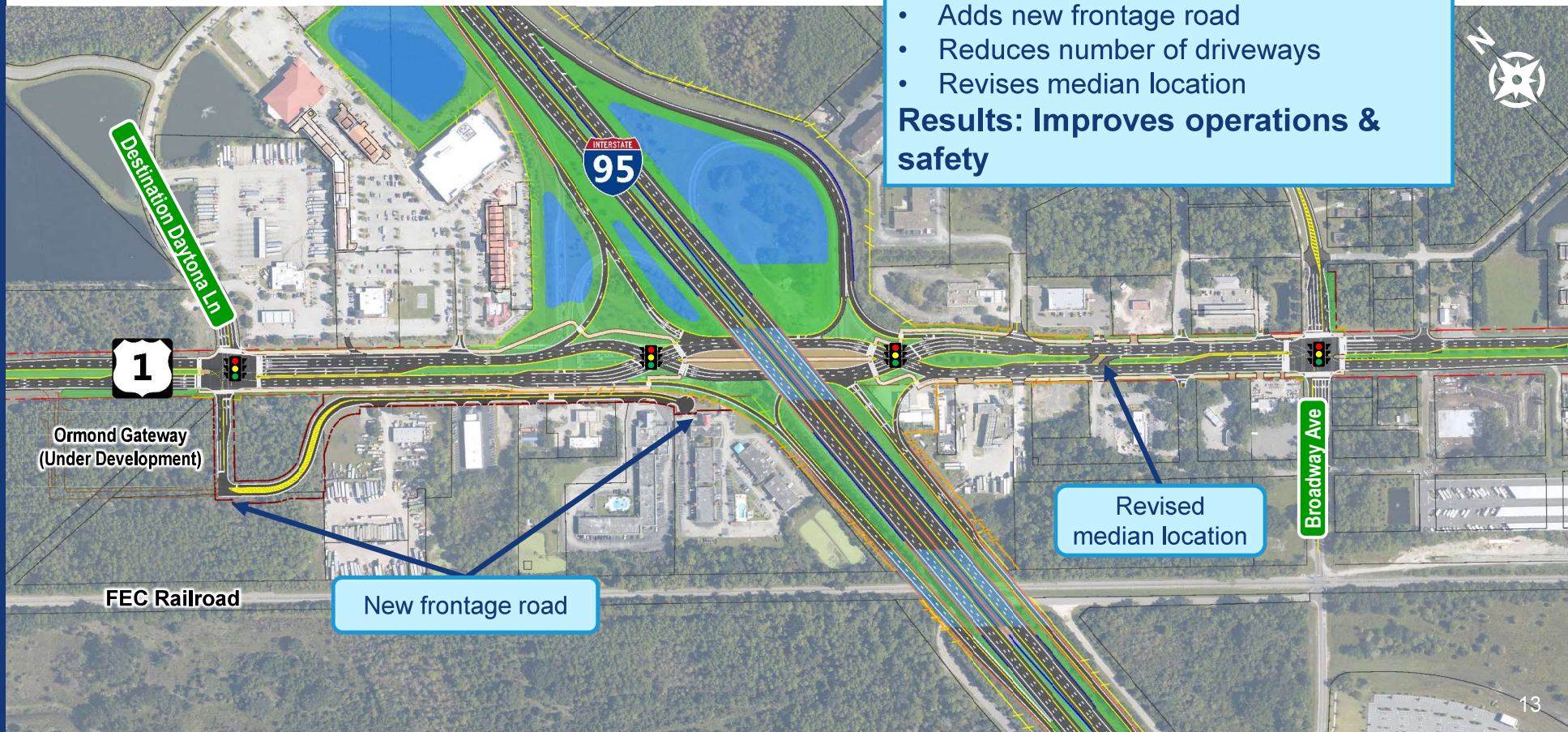
Preferred Alternative

Diverging Diamond Interchange (DDI)

US 1 Access

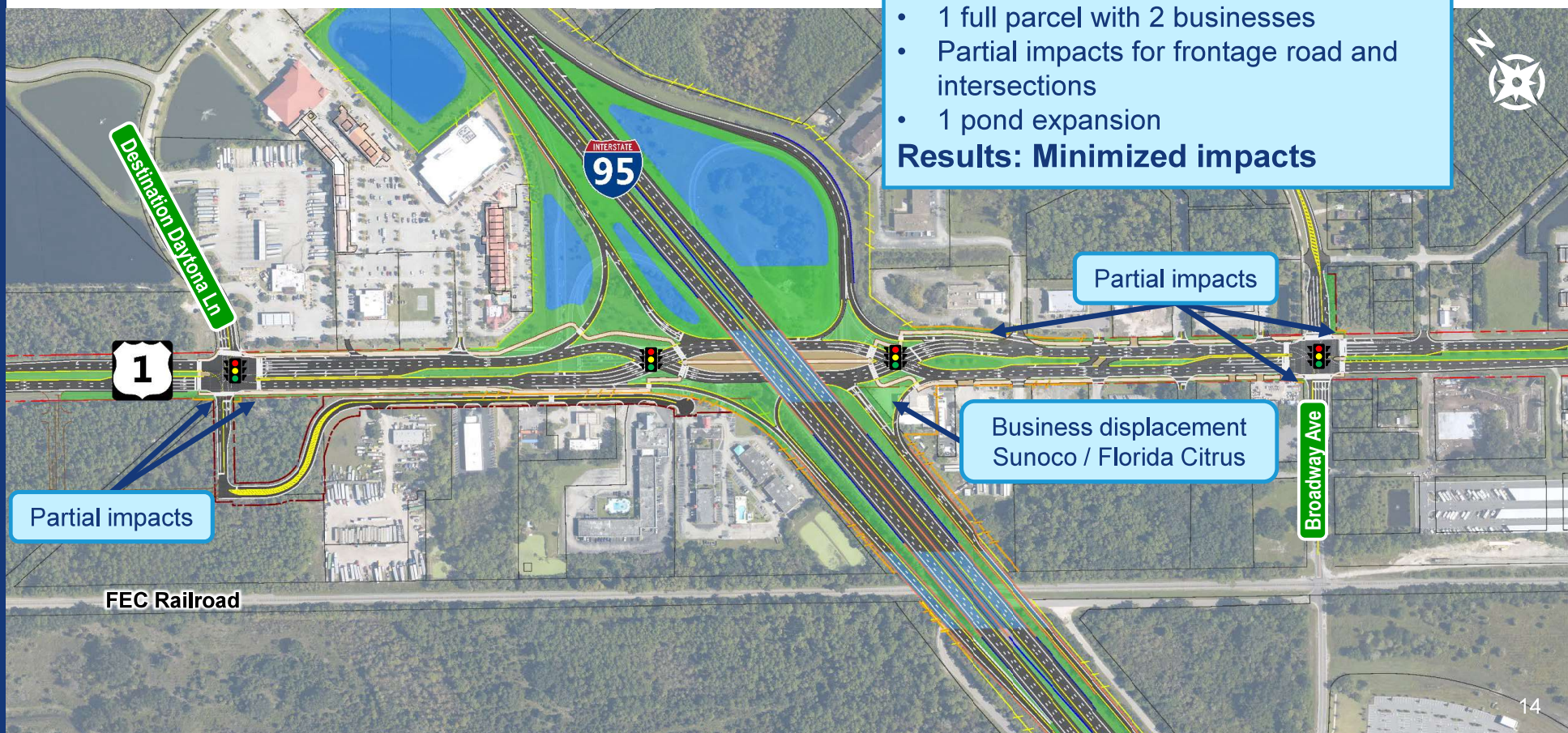
- Adds new frontage road
- Reduces number of driveways
- Revises median location

Results: Improves operations & safety



Preferred Alternative

Diverging Diamond Interchange (DDI)

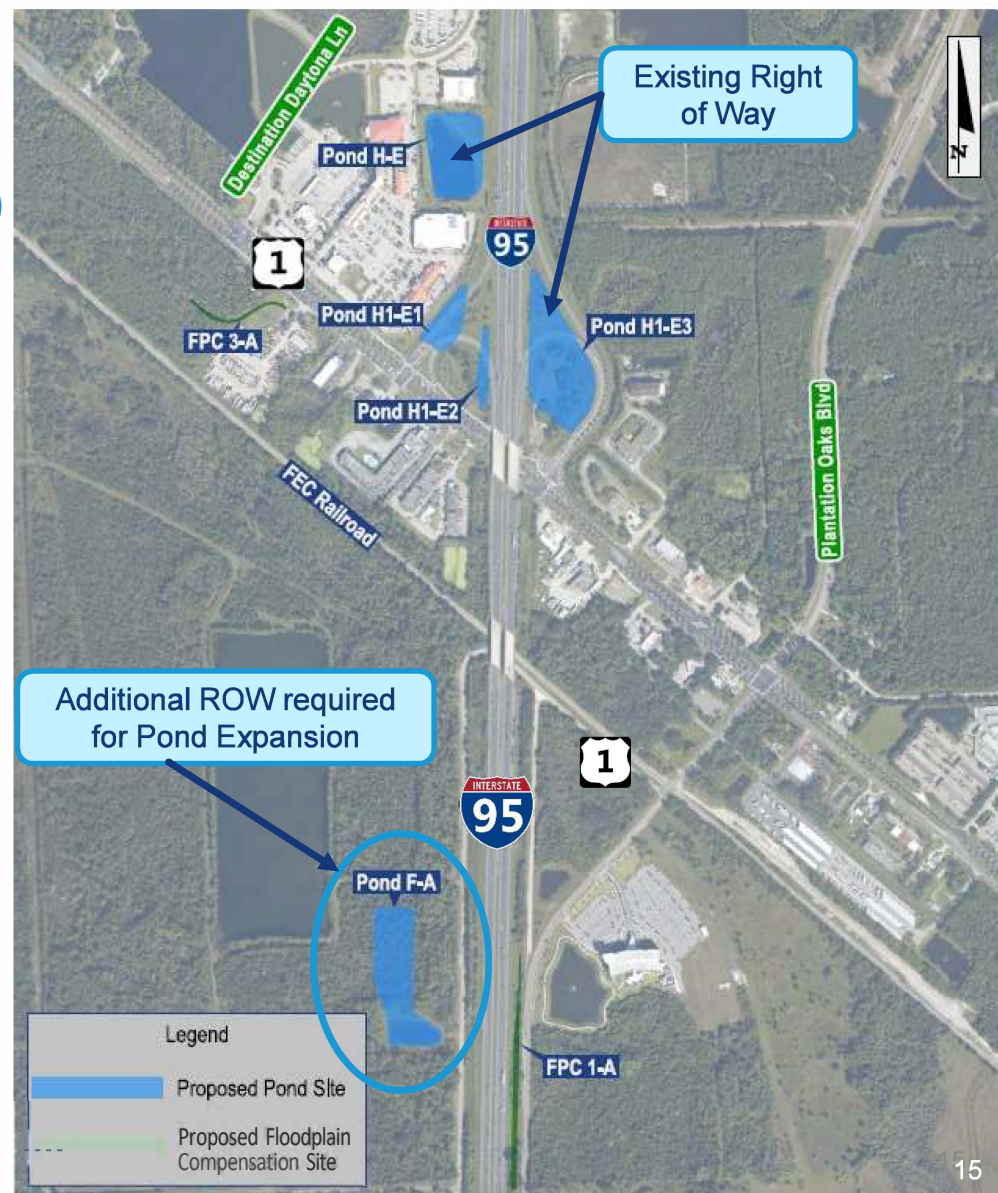


Preferred Alternative

Diverging Diamond Interchange (DDI)

Drainage

- Most accommodated within existing right of way and interchange footprint
- 1 pond expansion required

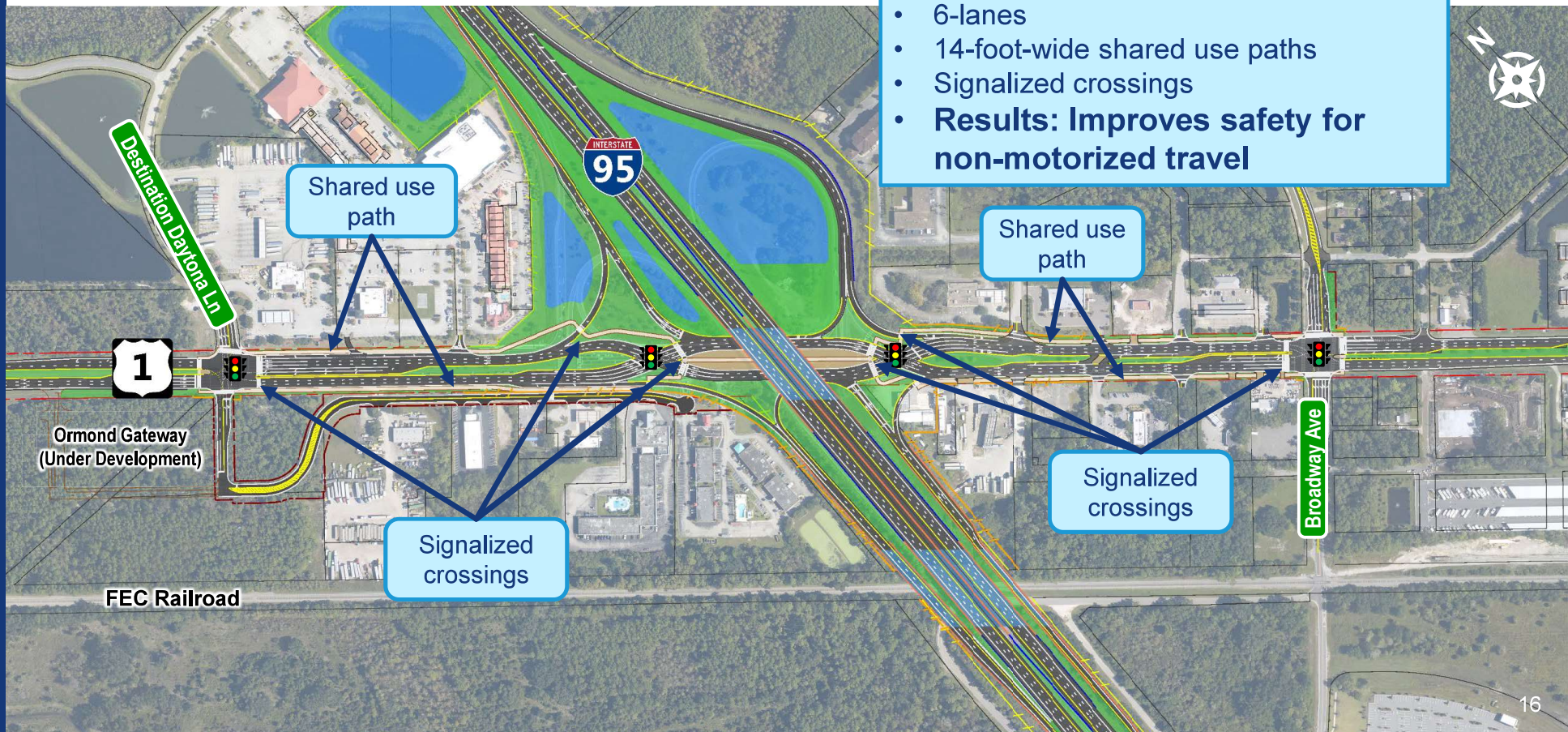


Preferred Alternative

Diverging Diamond Interchange (DDI)

US 1 Widening and Improvements

- 6-lanes
- 14-foot-wide shared use paths
- Signalized crossings
- **Results: Improves safety for non-motorized travel**



Proposed Inter. 1 Improvement



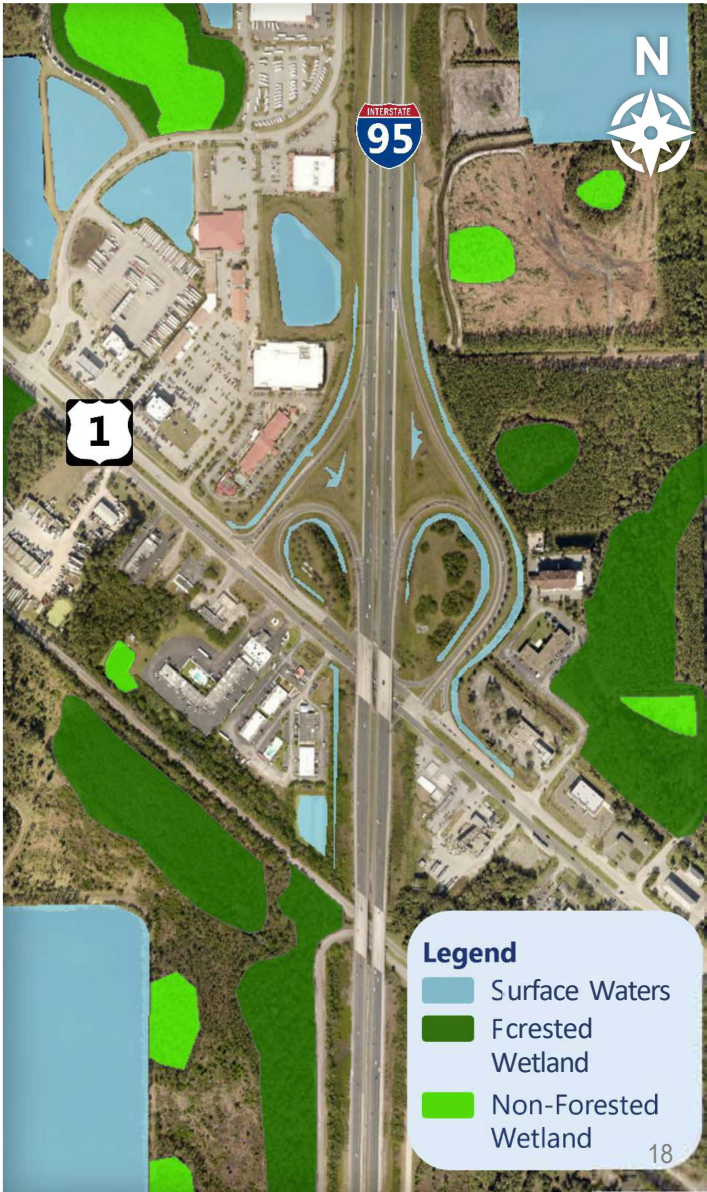
Natural Environment

- Minor wetland impacts
- Goal to reduce impacts wherever reasonable

Potential Species Involvement

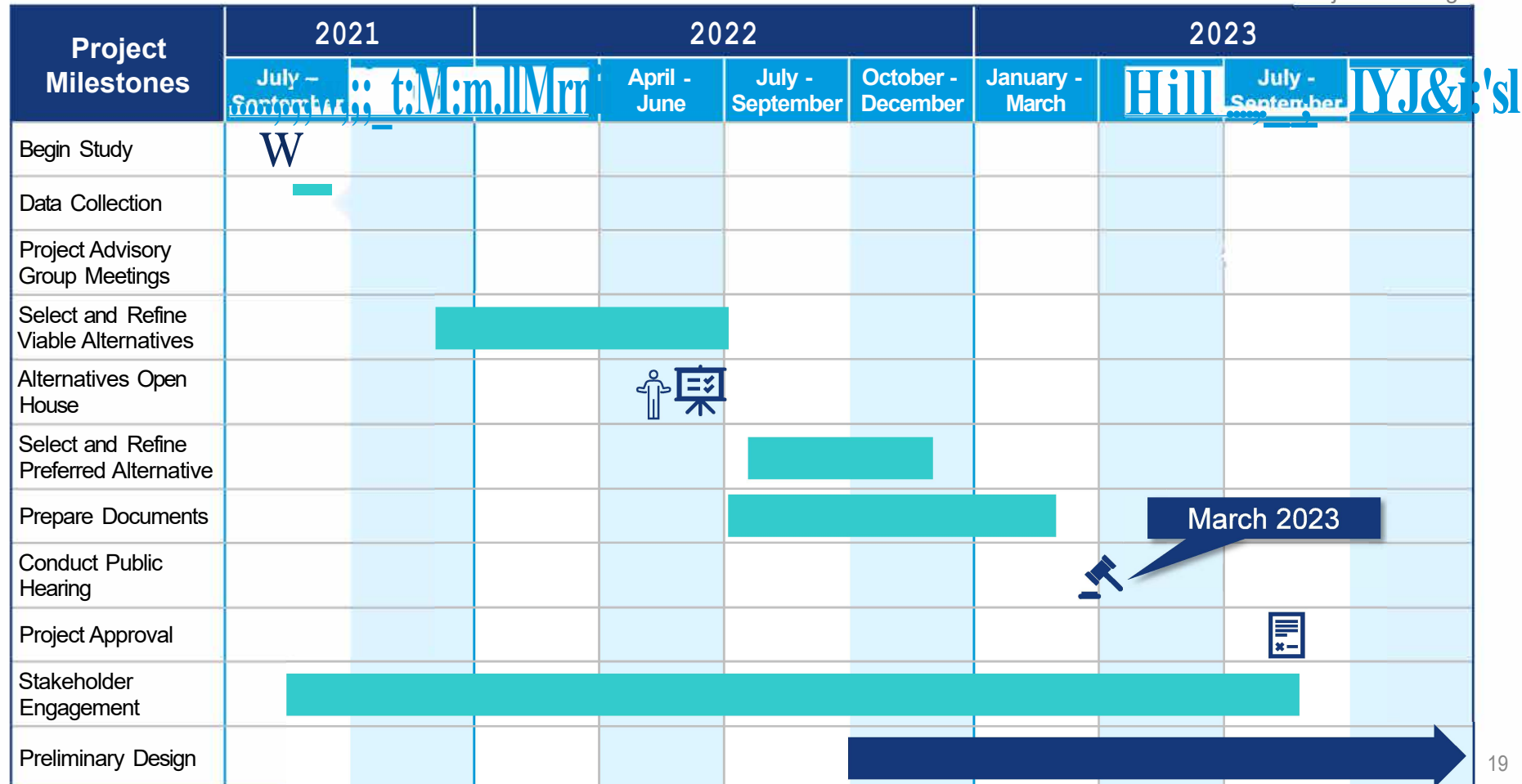
Florida scrub-jay	Gopher tortoise	Eastern indigo snake	Wood Stork	Florida sandhill crane	South-eastern kestrel
no suitable habitat			outside core foraging area		

Zero or minor impacts anticipated to any Natural Features



PD&E Project Schedule

Tentative - Subject to Change



Project Funding

- PD&E - Fully Funded (Completion later this year)
- Design - Fully Funded (Underway)
- Right of Way - Partially funded in FY '27
- Construction - Unfunded



Stakeholder Feedback

- General support for interchange and US 1 improvements
- No comments opposing the project
- Interest in business access during construction

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Contact Information



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FOOT District 5 Project Development
Administrator

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FOOT Project Manager

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Phone: (386) 943-5167

Email: Jesse.Blouin@dot.state.fl.us

Project Website: <https://www.cflroads.com/projecU419772-2>

