



**I-95 AT
U.S. 1**
INTERCHANGE
PD&E STUDY



PUBLIC HEARING

I-95 at U.S.1 Interchange

Project Development & Environment (PD&E) Study

Financial Project ID (FPID) Number: 419772-2

Efficient Transportation Decision-Making (ETDM) No. 14442

March 29, 2023 (Virtual) and March 30, 2023 (In-Person)

The presentation will begin promptly at 6 p.m.



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Project Development & Environment (PD&E) Study**
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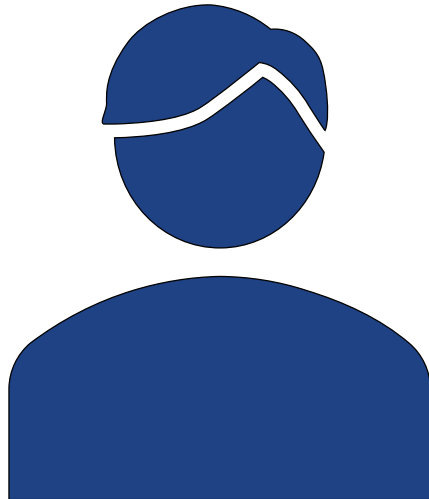
National Environmental Policy Act (NEPA):

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. section 327 and Memorandum of Understanding dated May 26, 2022 and executed by FHWA and FDOT.



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Welcome



Jesse Blouin, AICP

FDOT Project Manager

719 S. Woodland Blvd., MS 501

DeLand, FL 32720

Jesse.Blouin@dot.state.fl.us

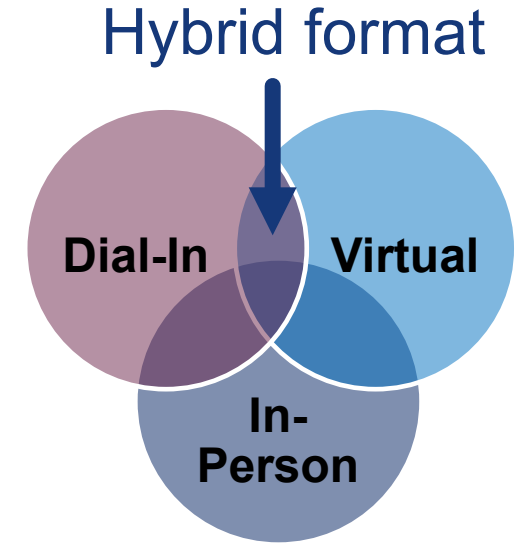
386-943-5167



About the Public Hearing

This Public Hearing is being conducted in a hybrid format.

- In-Person
- Virtual
- Dial-In



Dial-in attendees are “listen only”.

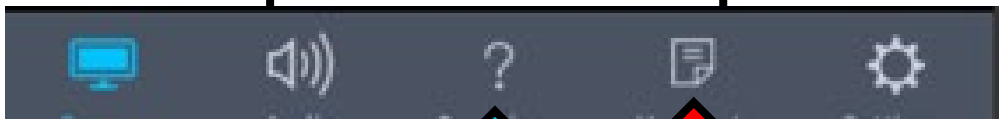
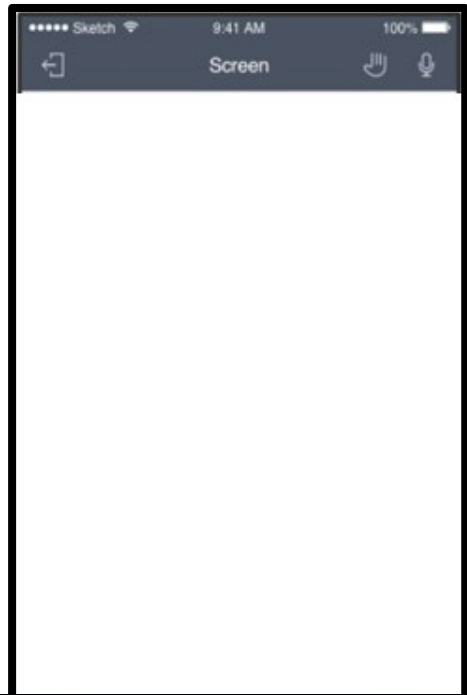
A copy of the presentation is available at www.cflroads.com/project/419772-2



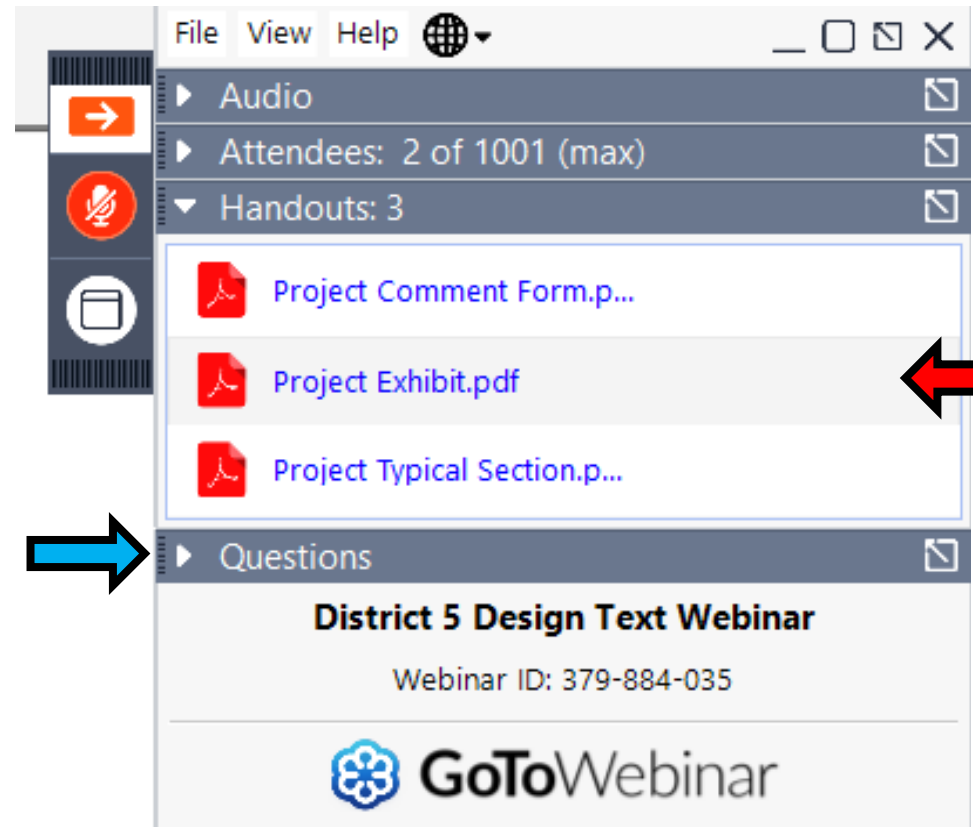


GoToWebinar Control Panel

Mobile



Desktop





To Report a Technical Issue ...

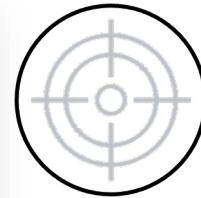


**Type a message
in the question
box on the
GoToWebinar
control panel**

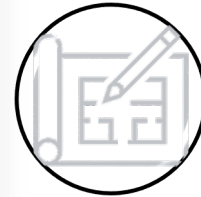
**Send an
email to:
Justin.Hannah@RSandH.com**



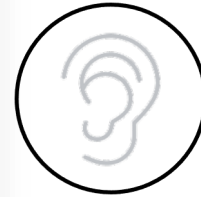
Call (407) 893-5860



Open House



Presentation



Hear your feedback



This meeting, project, or study is being conducted without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to FDOT compliance with Title VI may do so by contacting:

Melissa McKinney
FDOT District Five Title VI Coordinator
719 S. Woodland Boulevard, MS 501
DeLand, Florida 32720-6834
386-943-5077
Melissa.McKinney@dot.state.fl.us

Stefan Kulakowski, FCCM, CPM
State Title VI Coordinator
Florida Department of Transportation
Equal Opportunity Office
605 Suwannee Street, MS 65
Tallahassee, Florida 32399-0450
850-414-4742
Stefan.Kulakowski@dot.state.fl.us

All inquiries or complaints will be handled according to FDOT procedures and in a prompt and courteous manner.



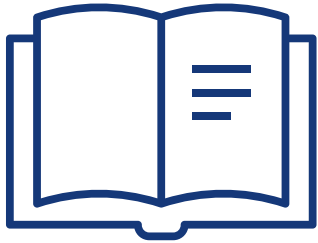
Federal and State Requirements

- Americans with Disabilities Act of 1990 (ADA)
- Title VI of the Civil Rights Act of 1964 and Other Nondiscrimination Laws
- 49 CFR Part 24, Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs
- 40 CFR Part 1506, Other Requirements of NEPA
- Executive Order (EO) No. 12372
- Section 120.525, F.S. Meetings, hearings, and workshops
- Section 286.011, F.S. Government in the Sunshine Law
- Section 335.199, F.S. Transportation projects modifying access to adjacent property
- Section 339.155, F.S. Transportation Planning



**I-95 AT
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PD&E STUDY

Public Notice



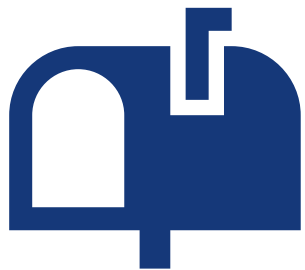
**Florida Administrative
Register**



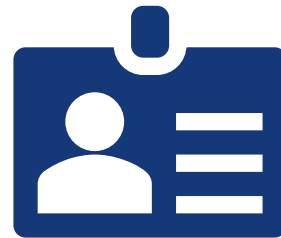
Department/project website



Newspapers



Property owner/tenant letters



Elected & Appointed Officials



Email to project contacts list



Project documents are available for public review at the following locations and online.

Physical Location

Ormond Beach Regional Library
30 S. Beach Street
Ormond Beach, FL 32174
Monday through Thursday - 9:00 a.m. to 7:00 p.m.
Friday and Saturday - 9:00 a.m. to 5:00 p.m.
Sunday - 12:00 p.m. to 5:00 p.m.



Ghyabi Consulting & Management, LLC
1459 N US Highway 1, Suite 3
Ormond Beach, FL 32174
9:00 a.m. to 4:00 p.m.
Monday through Friday via appointment
Tel: 386-238-9798 Email: claire@ghyabi.com



Project Website

www.cflroads.com/project/419772-2





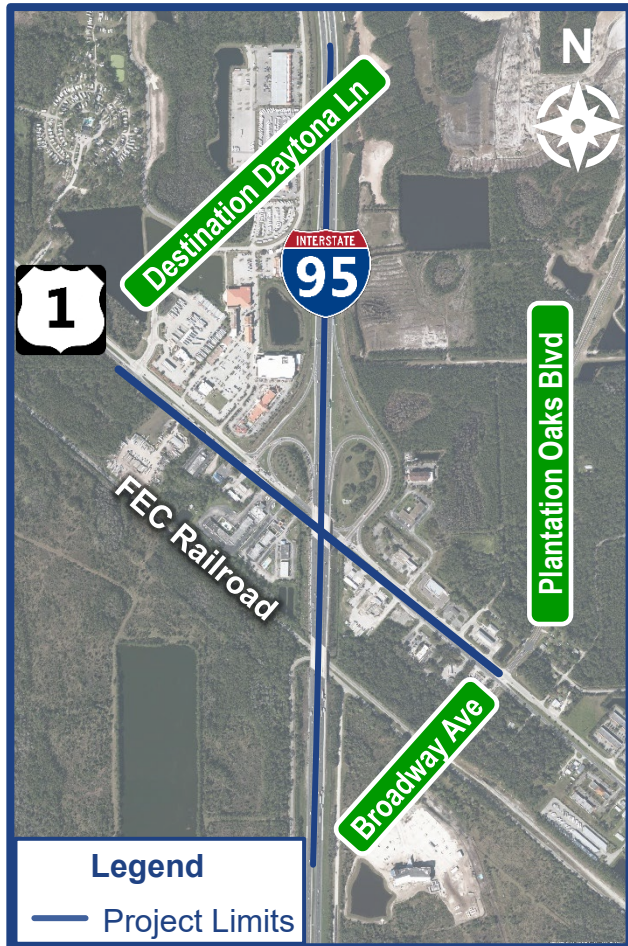
Transportation Development Process





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Project Background





- **What is the purpose of the study?**
 - Accommodate the existing and future travel demand
 - Improve safety
 - Enhance pedestrian connectivity

- **Why is the project needed?**

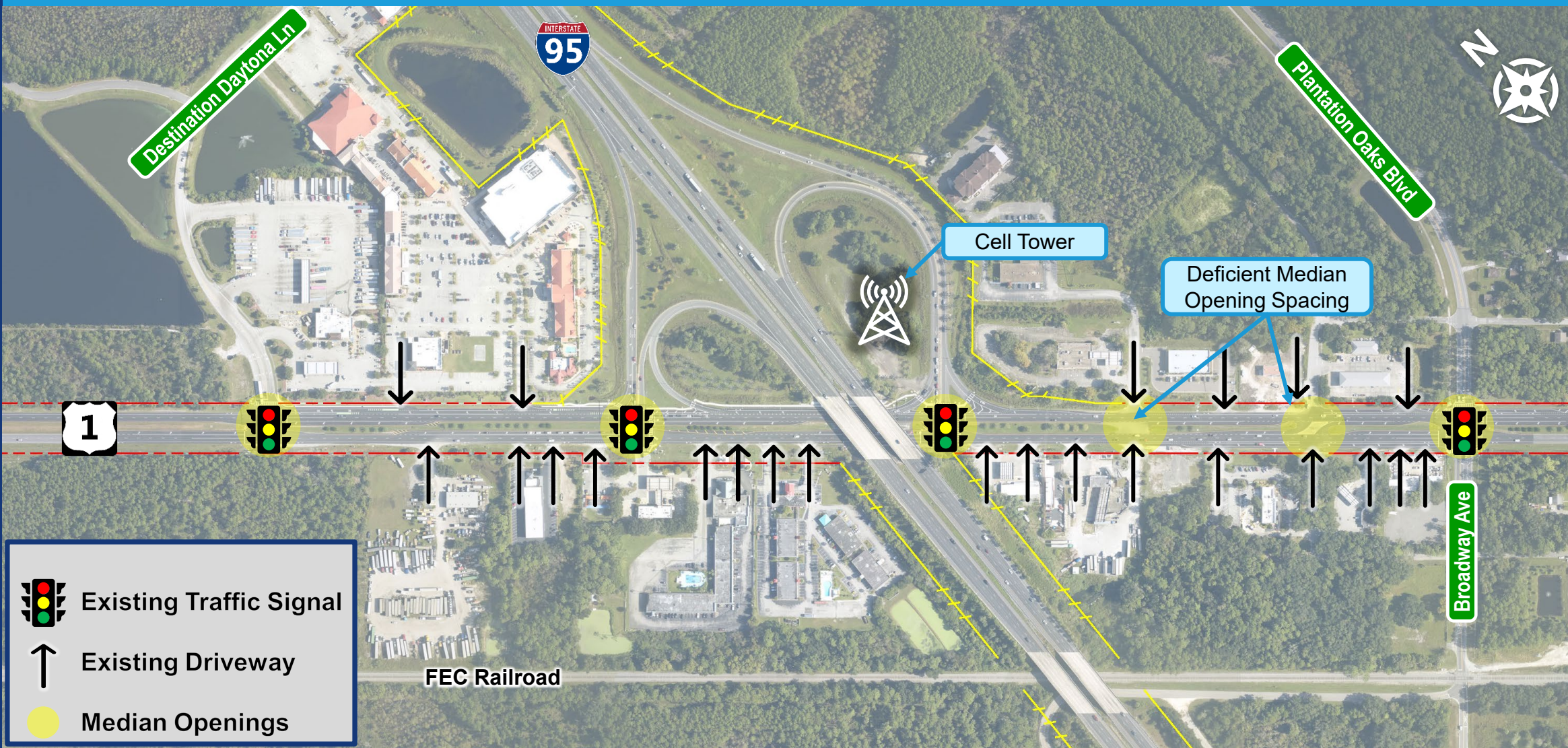
The project is needed to:

 - Improve traffic operations and mobility
 - Reduce congestion
 - Enhance safety for all travel modes



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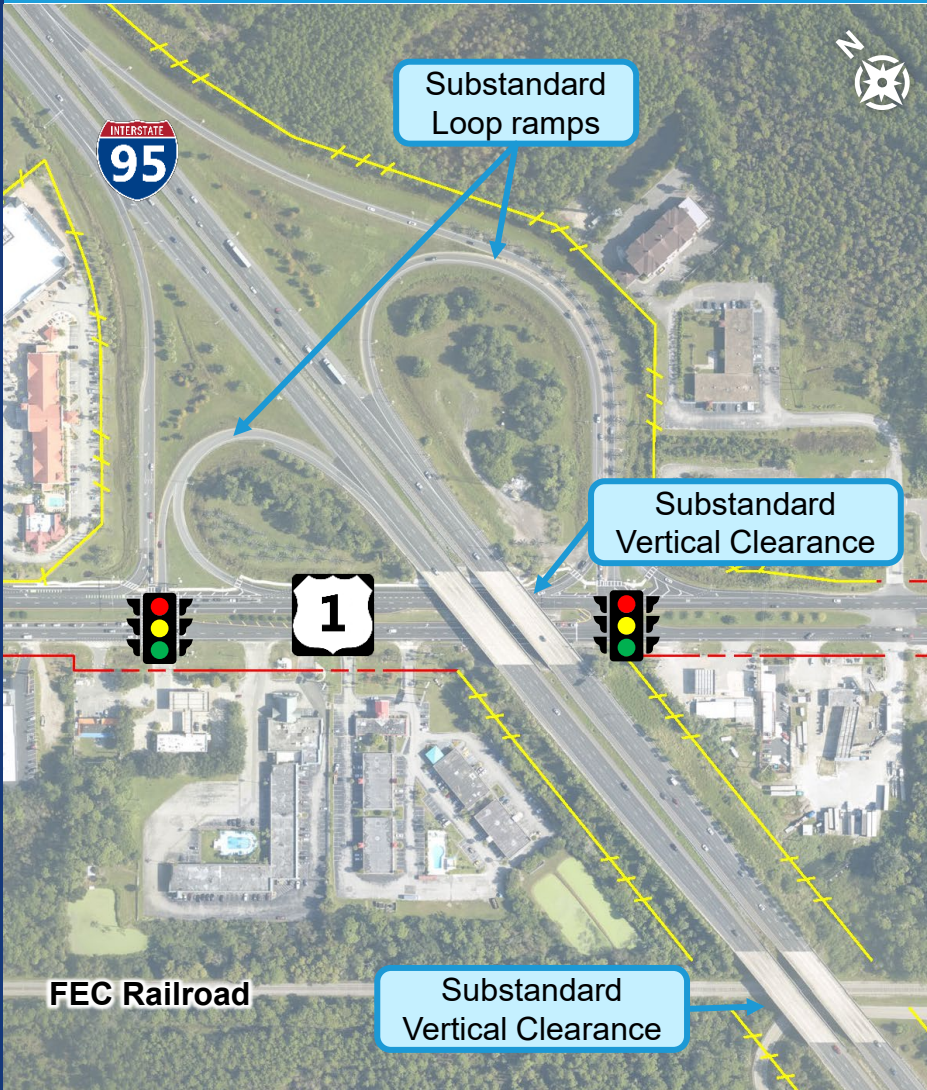
Existing Characteristics





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Existing Characteristics



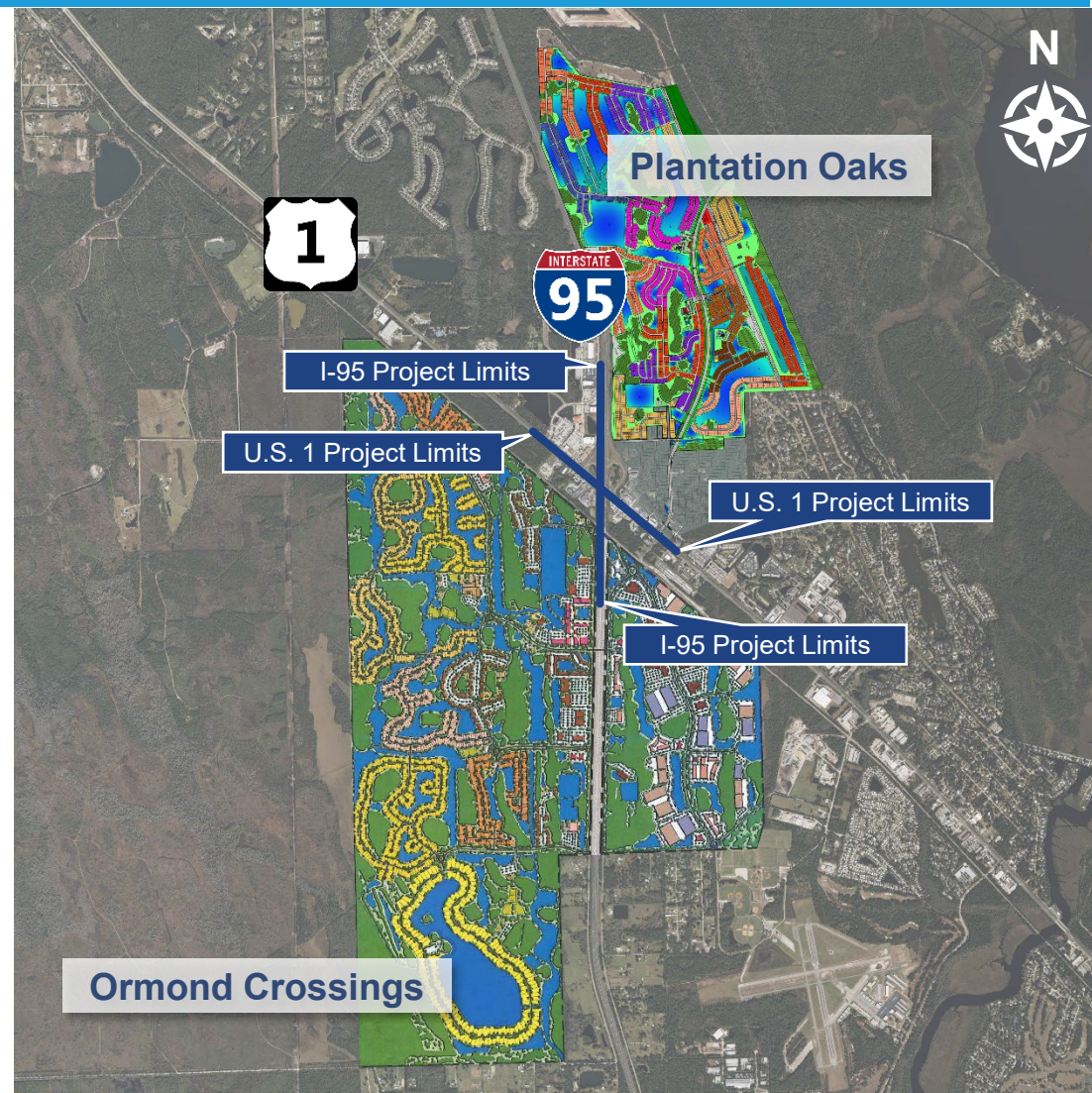


- **Ormond Crossings**

- 3,000 acres
- 2,950 residential units
- 900,000 square feet of office space
- 800,000 square feet of industrial space
- School

- **Plantation Oaks**

- 1,044 acres
- 1,500 residential lots





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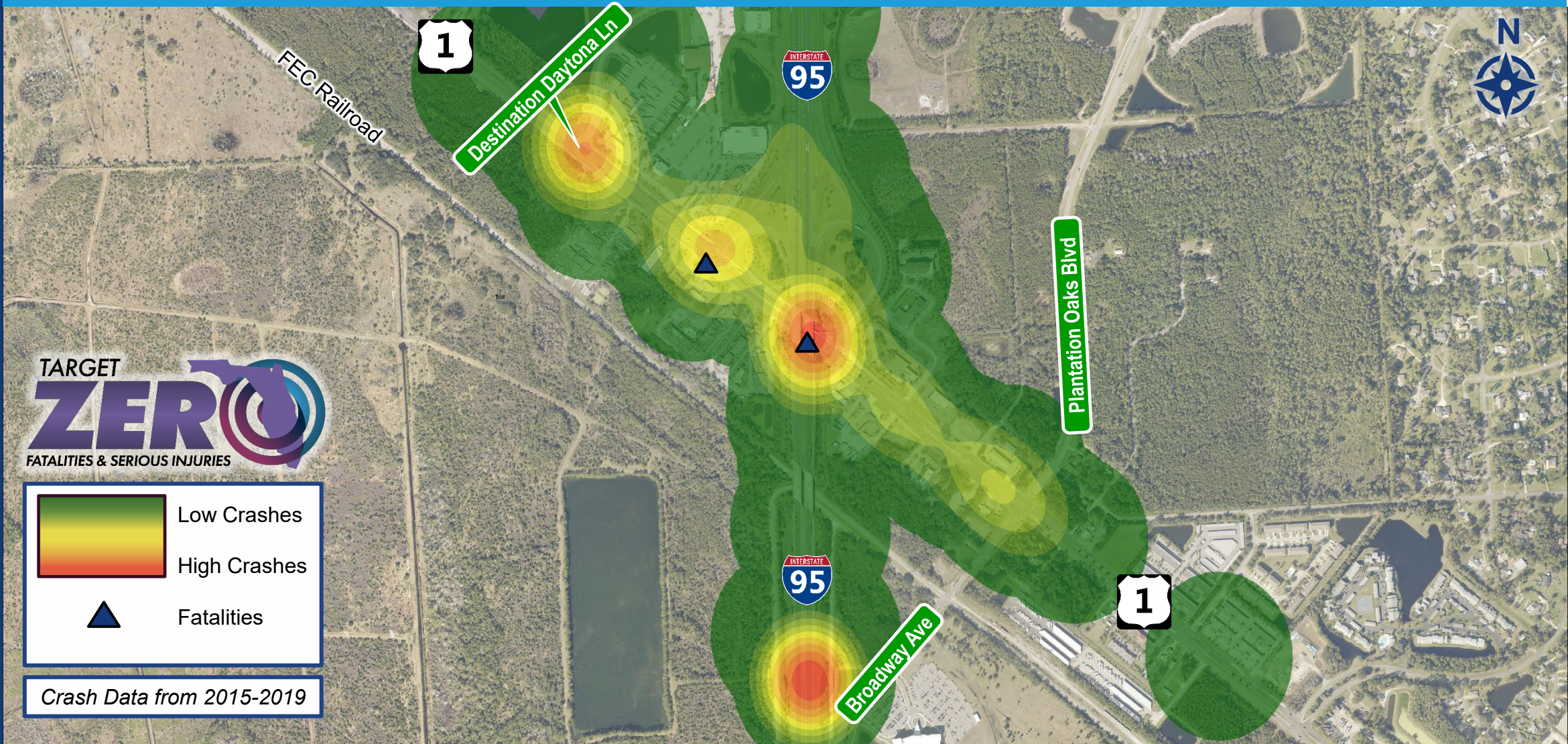
Traffic Analysis





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Crash History



TARGET
ZERO
FATALITIES & SERIOUS INJURIES

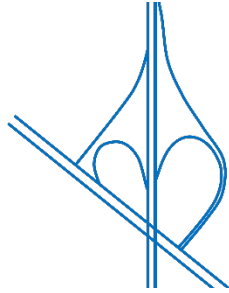
	Low Crashes
	High Crashes
	Fatalities

Crash Data from 2015-2019



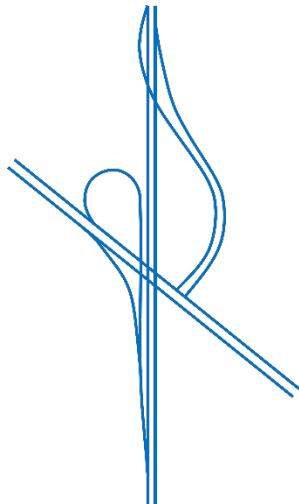
Alternatives Considered

- No-Build Alternative**



(Existing interchange remains)

- Two Build Alternatives**



**Offset Intersection
Interchange (Offset)**



**Diverging Diamond
Interchange (DDI)**



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No-Build Alternative

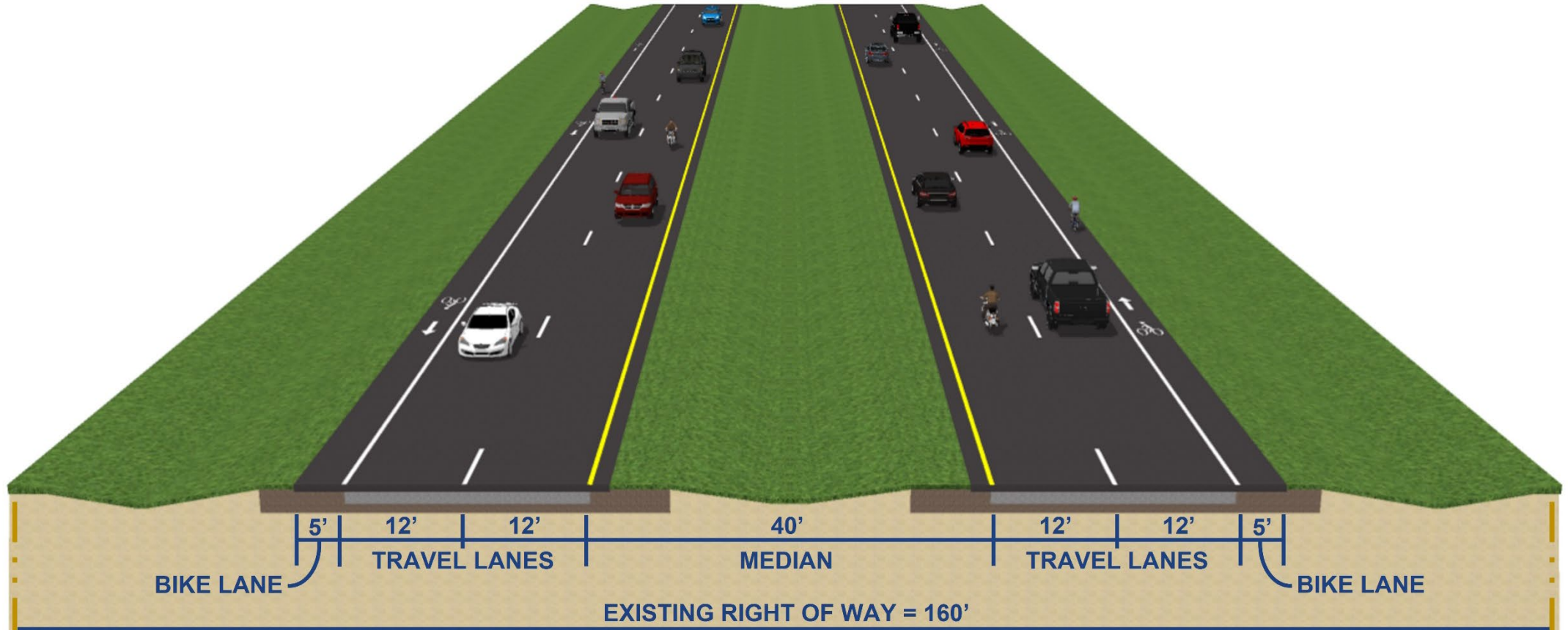


- Assumes no improvements
- Existing substandard conditions remain
- Traffic operations will continue to degrade
- Congestion will intensify
- Incomplete bicycle and pedestrian network will remain
- Does not meet project purpose and need



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U.S. 1 Improvement Existing Typical Section





Traffic Conditions

- Unique mix of traffic
- Increase capacity at ramp intersections and along U.S. 1
- Designing for year 2050

Existing Infrastructure

- Replace substandard loop ramps
- Enhance bicycle and pedestrian network

Safety

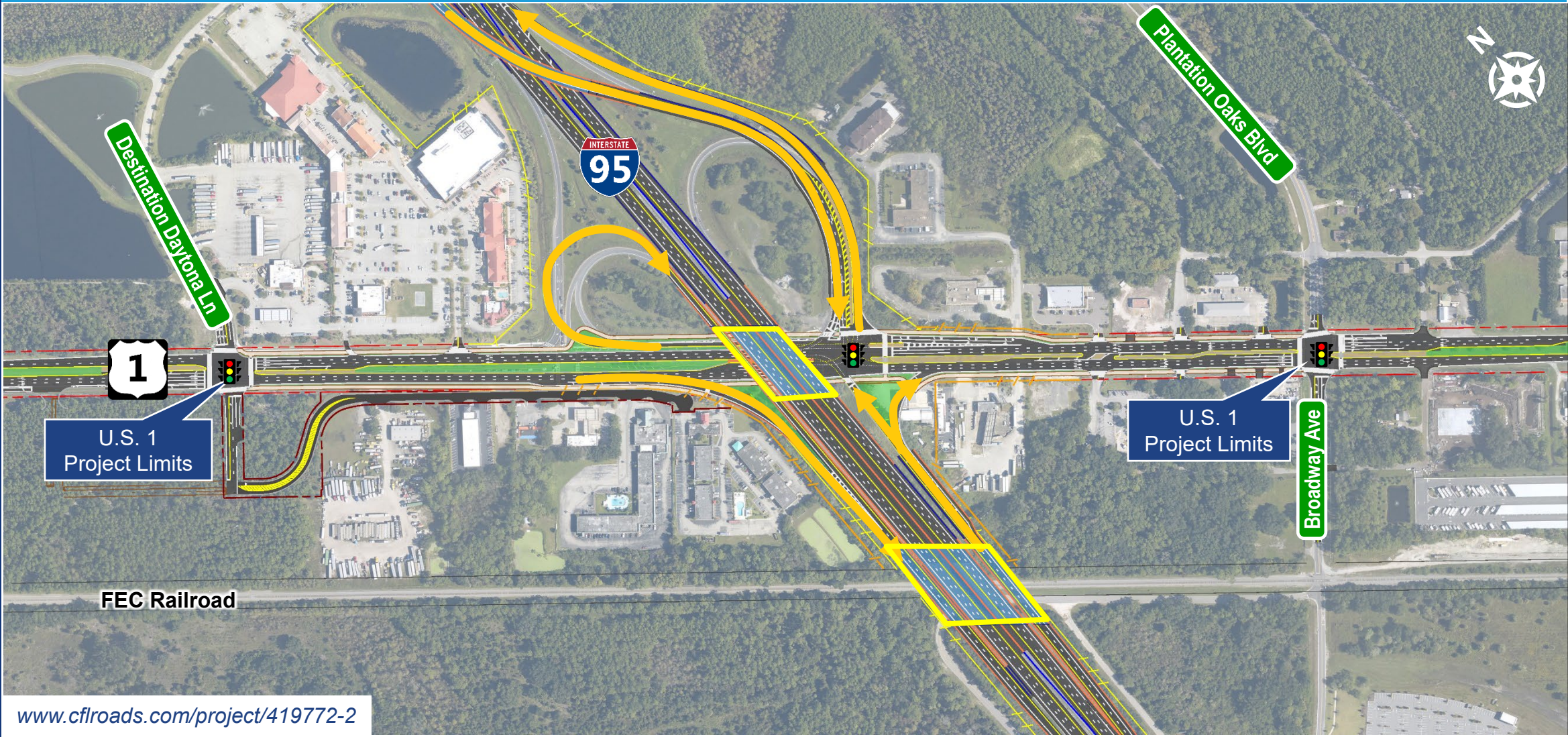
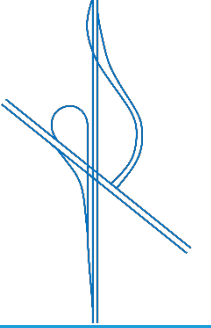
- Reducing the posted speed limit along U.S. 1
- Reduce potential conflict points (driveways and median openings)





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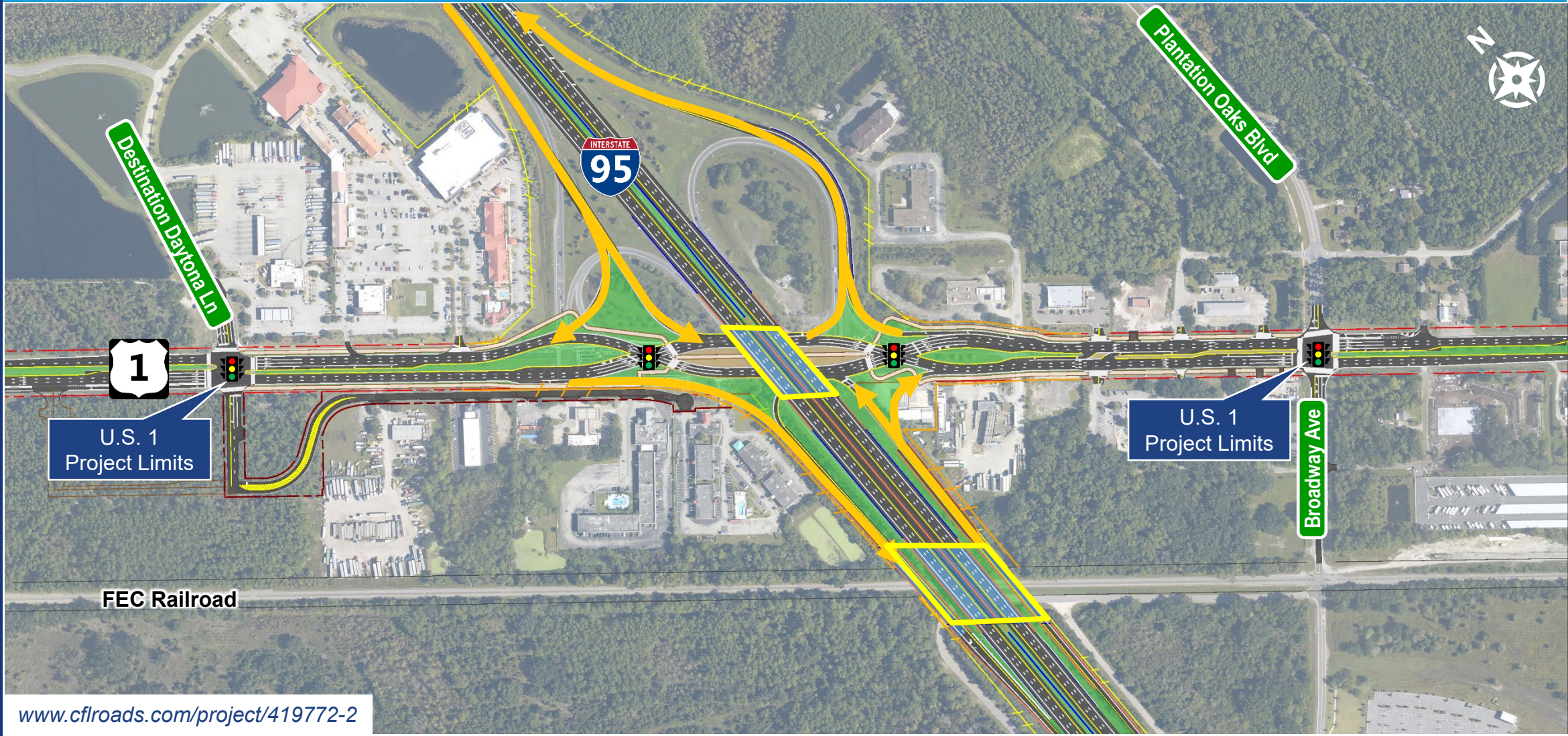
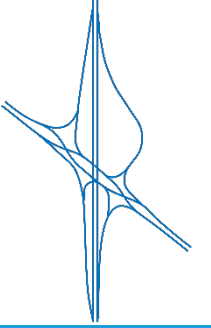
Offset Intersection (Offset) Alternative





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Diverging Diamond Interchange (DDI) Alternative

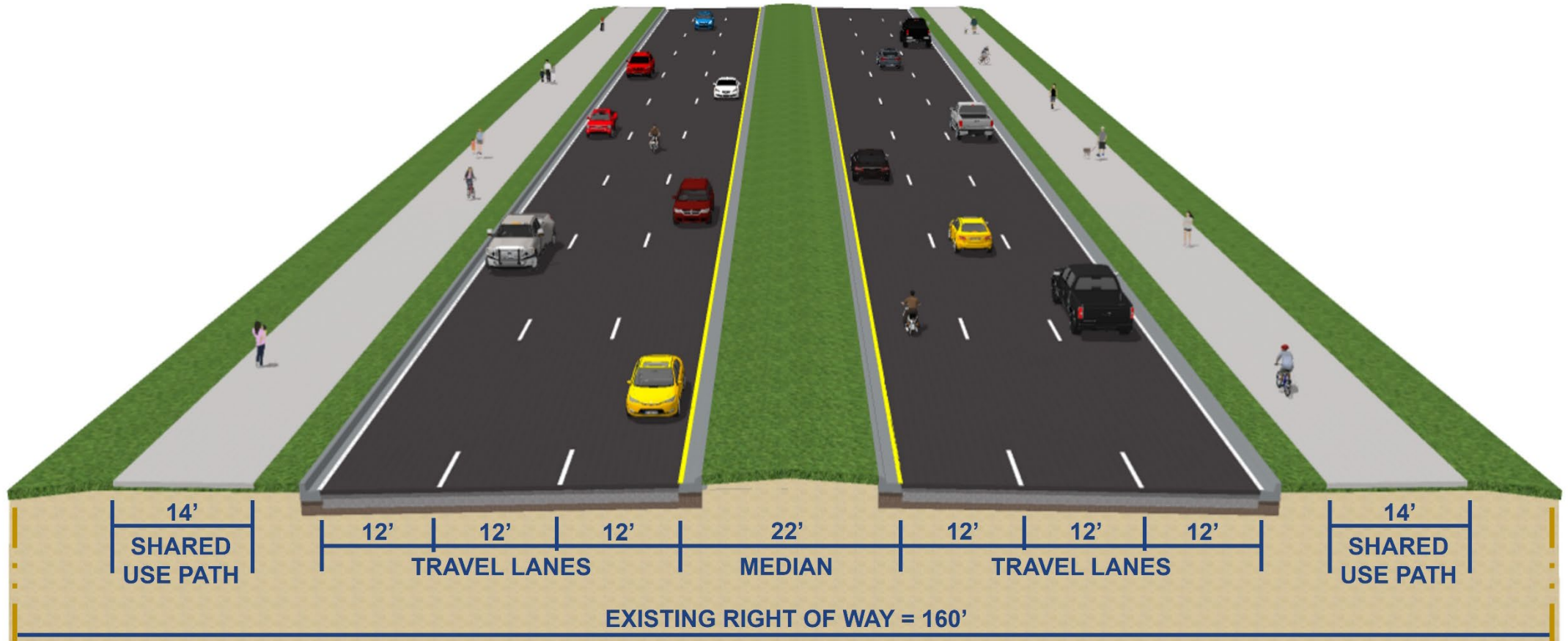




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U.S. 1 Improvement

Proposed U.S. 1 Typical Section





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U.S. 1 Improvement Proposed U.S. 1 Typical Section



Shared use path

Shared use path



Preferred Alternative Selection

Safety

- Eliminates left turning vehicles crossing opposing traffic
- Reduces potential for wrong-way movement onto ramps
- Pedestrian and Bicycle Infrastructure Improvements

Enhanced Interchange Capacity / Traffic Operations

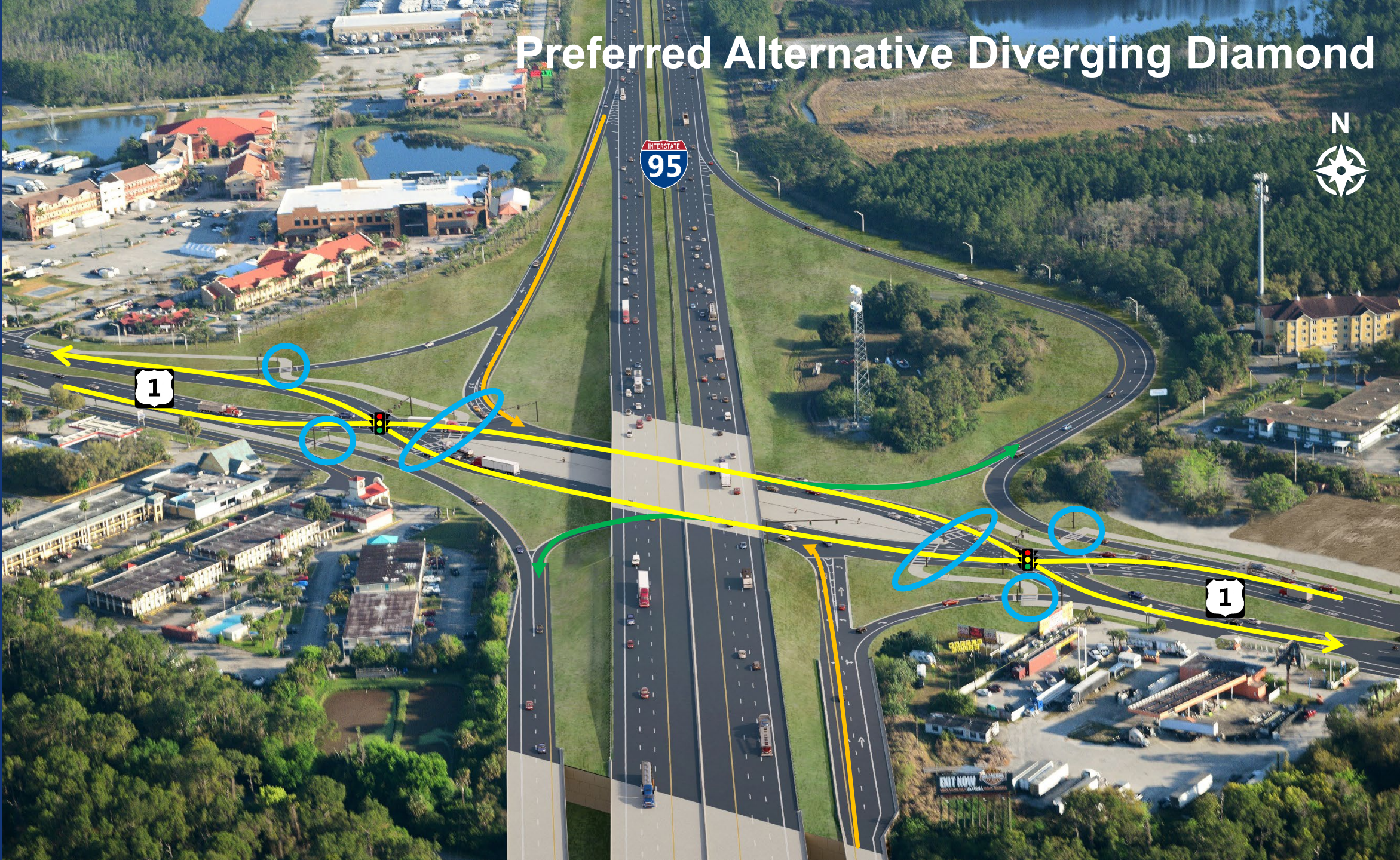
- Accommodates high volumes of heavy vehicle traffic
- Operates with only two traffic signal phases, allowing the traffic to flow with fewer delays

Public Support

- Input from the public indicated support of the DDI alternative over the Offset Intersection alternative



Preferred Alternative Diverging Diamond





Environmental Impacts

Potential effects to the social, physical, natural, and cultural environment were analyzed in accordance with state and federal regulations.

SOCIAL AND ECONOMIC

- Social
- Aesthetic Affects
- Relocation Potential

PHYSICAL

- Highway Traffic Noise
- Air Quality
- Contamination

NATURAL

- Wetlands and Other Surface Waters
- Water Resources
- Floodplains
- Protected Species and Habitat

CULTURAL

- Historical Sites/Resources
- Archaeological Sites





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Preferred Alternative Matrix

		Preferred Alternative	No-Build Alternative ¹
Purpose and Need	Accommodates Future Traffic Demand	Yes	No
	Improves Safety	Yes	No
	Improves Bicycle and Pedestrian Facilities	Yes	No
Social and Economic	Additional Right of Way (acres)	9.7	0
	Total Parcels Impacts	18	0
	Business Displacements	2	0
	Business Driveway Access Impacts	7	0
	Business Median Access Impacts	10	0
Physical Resources	Adverse Impacts to Noise Sensitive Receptor Sites	0	0
	Utility Conflicts	Minor	None
Natural Resources	Floodplain Impacts (acre-feet)	2.4	0
	Wetland Impacts (acres)	1.5	0
	Contamination Sites Impacts	4	0
	Listed Species Involvement	Minor	None



Preferred Alternative Matrix

		Preferred Alternative	No-Build Alternative ¹
Cultural Resources	National Register of Historic Places Impacts	0	0
Cost	Design Cost (million)	\$3.3	\$0
	Construction Engineering and Inspection Cost (million) ²	\$11.8	\$0
	Right of way Cost (million)	\$31.3	\$0
	Construction Cost (million)	\$169.0	\$0
	Total Cost (million)	\$215.4	\$0

- Notes: 1. The No-Build Alternative does not meet the project's purpose and need.
 2. Calculated at 7% of the Construction Cost.
 3. Costs are subject to change.



- **Stormwater Ponds**

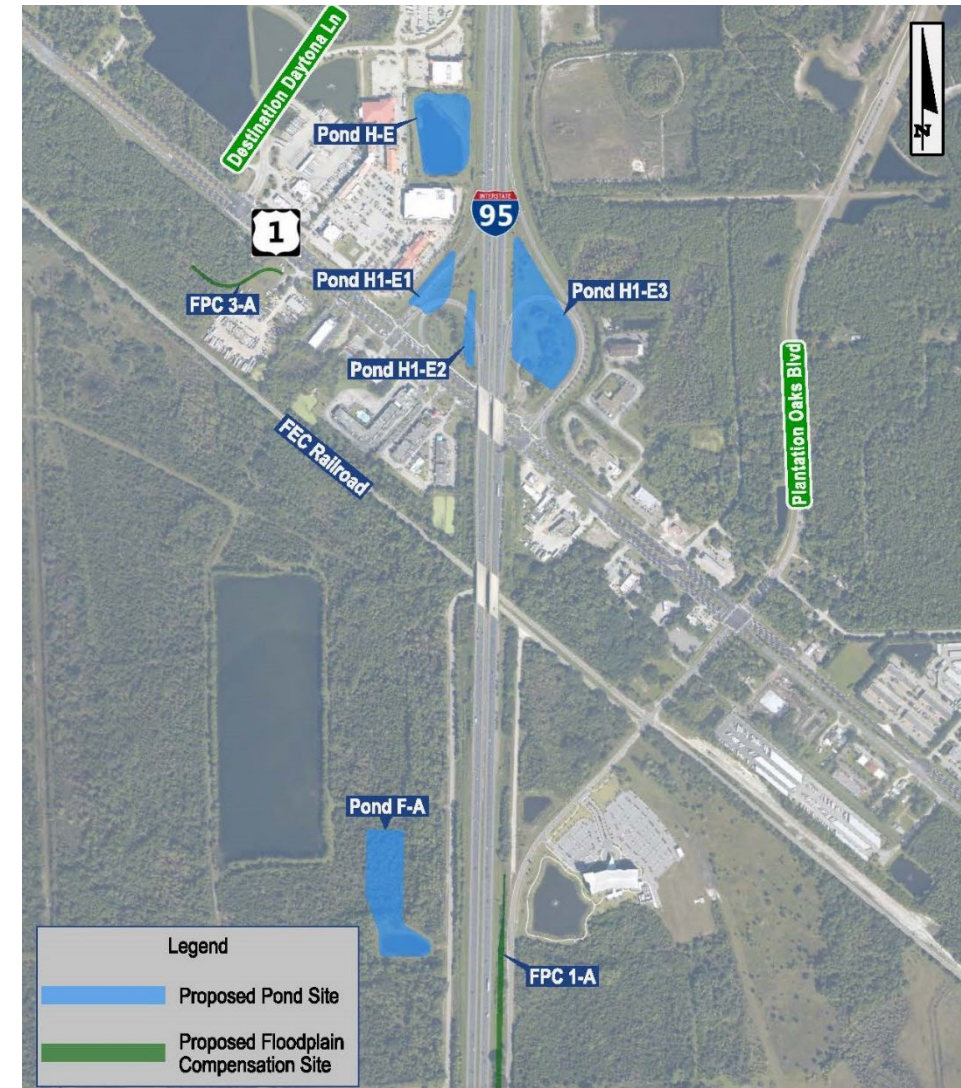
- Meet St. Johns River Water Management District standards
- Evaluated 3 alternative pond sites for each drainage basins

- **Wetlands**

- Any unavoidable impacts to wetlands will be mitigated to achieve no net loss of wetland function
- Complies with Executive Order 11990

- **Floodplain Compensation Ponds**

- Ensure project has no adverse impacts to FEMA flood zones
- Evaluated 2 alternatives per potential encroachment
- Complies with Executive Order 11988





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Right of Way Aquisition

**RELOCATION ASSISTANCE
BUSINESSES, FARMS, AND
NON-PROFIT ORGANIZATIONS**



STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
HAYDON BURNS BUILDING
605 SUWANNEE STREET
TALLAHASSEE, FLORIDA 32399-0450

October 1, 2014

FLORIDA DEPARTMENT OF TRANSPORTATION

**RELOCATION
ASSISTANCE
PROGRAM
PERSONAL PROPERTY
MOVES**



Effective Date: July 2008



**RESIDENTIAL RELOCATION
UNDER THE FLORIDA RELOCATION
ASSISTANCE PROGRAM**

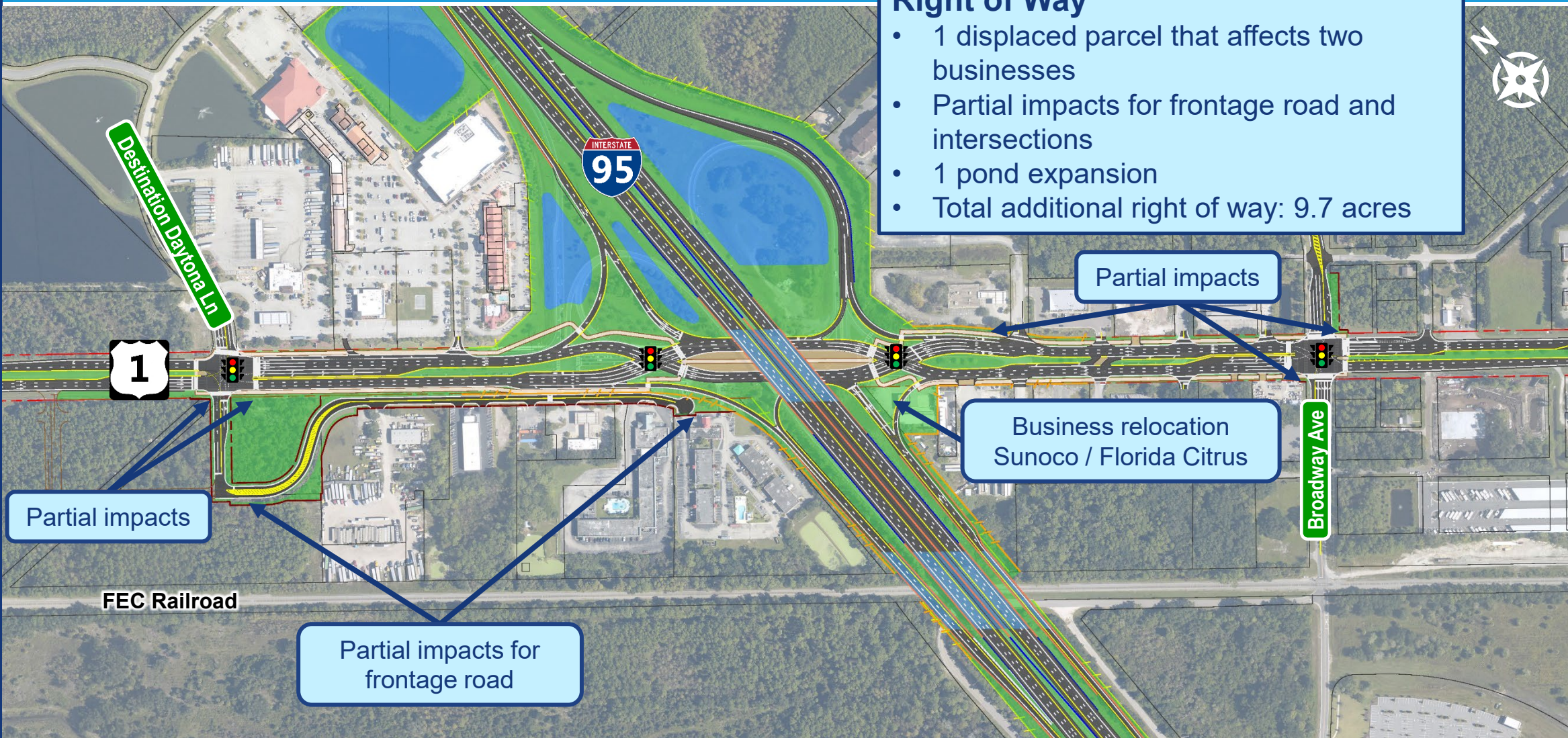


FLORIDA DEPARTMENT OF TRANSPORTATION
September 2021



Right of Way Aquisition

- Right of Way**
- 1 displaced parcel that affects two businesses
 - Partial impacts for frontage road and intersections
 - 1 pond expansion
 - Total additional right of way: 9.7 acres





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Access Management



	Driveway Access Change		Median Closure
	Median Access Change		Median Opening
	Displacement		



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Planning Consistency

**River to Sea
Transportation Planning Organization**

**FY 2022/23 – FY 2026/27
Transportation Improvement Program**

Adopted June 22, 2022
Amended August 24, 2022



2570 W. International Speedway Boulevard, Suite 100
Daytona Beach, FL 32114

This report was financed, in part, by the U. S. Department of Transportation, the Florida Department of Transportation, and the Local Participating Governments.

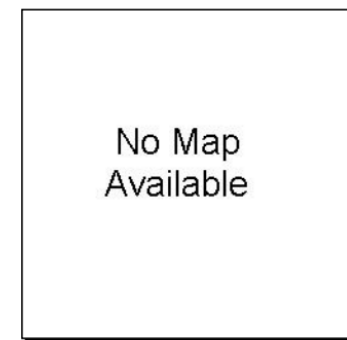


River to Sea TPO Long Range Transportation Plan | Final Plan Document

Table 6-12: Connect 2045 SIS Cost Feasible Projects

River to Sea TPO Transportation Improvement Program FY 2022/23 to FY 2026/27

4197722 I-95 INTERCHANGE AT SR 5 (US 1) SIS



Work Summary: INTERCHANGE IMPROVEMENT
From:
To:
Lead Agency: Managed by FDOT
Length: 1.000

Phase	Fund Source	2022/23	2023/24	2024/25	2025/26	2026/27	Total
ROW	DIH	0	0	0	0	50,000	50,000
ROW	DDR	0	0	0	0	3,300,000	3,300,000
Total		0	0	0	0	3,350,000	3,350,000

Prior Cost < 2022/23: 6,269,534
Future Cost > 2026/27: 0
Total Project Cost: 9,619,534
Project Description: Interchange improvements at I-95 and US 1. (Reference 2045 Long Range Transportation Plan, Pages 2-3 to 2-5, Page 6-20 (Table 6-12) and Appendix B)

K	I-95 Interchange at Maytown Road (Farmton Interchange)	New Interchange	Developer Funded
L	Tomoka River Bridge (LPGA Boulevard) from West of Champions Drive to East of Tomoka Farms Road	Bridge to match interchange configuration	Funded ²



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PD&E Schedule

Tentative – Subject to Change

Project Milestones	2021		2022				2023			
	July – September	October – December	January – March	April – June	July – September	October – December	January – March	April – June	July - September	October - December
Begin Study										
Data Collection										
Project Advisory Group Meetings										
Select and Refine Viable Alternatives										
Conduct Alternatives Open House										
Select and Refine Preferred Alternative										
Prepare Documents										
Design Phase										
Conduct Public Hearing										
PD&E Project Approval										
Stakeholder Engagement										

Today's Public Hearing



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Get Involved



In Person



Virtually



Email or Mail



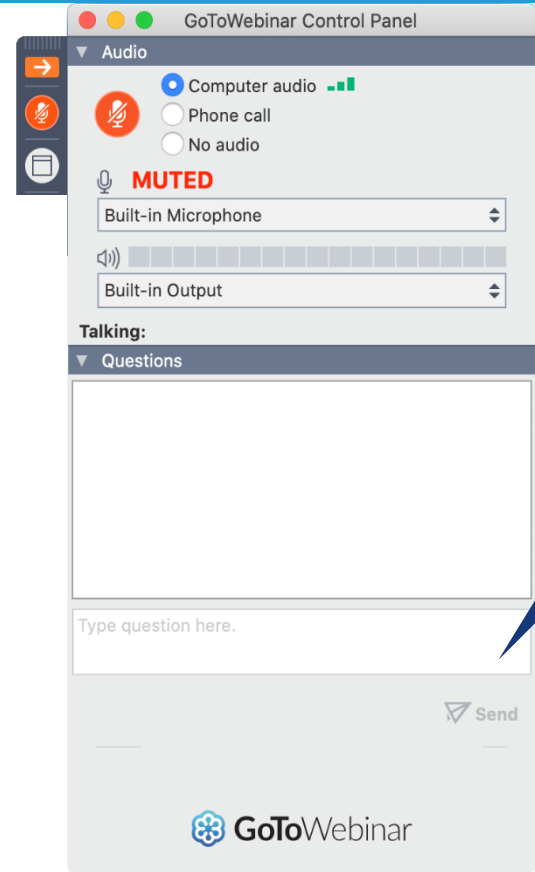
Telephone

Comments received or postmarked by April 10, 2023 will be included in the public hearing record.



Ways to Submit Written Comments

Virtually

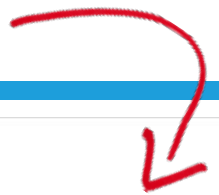


Type your question or comment here

Or online go to www.CFLRoads.com/project/419772-2



Type 419772-2 here



- Go to the project website on www.cflroads.com
- Enter the project number **419772-2** in the search box at the top right and click “Go”

The screenshot shows the FDOT website interface. At the top right, there is a search bar containing the text '419772-2' and a 'Go' button. Below the search bar, the text 'Welcome to FDOT's District Five Projects Website' is visible. The main content area features a large image of a SunRail train at a crossing, with a caption 'Ride and Shine: Learn more about riding SunRail'. To the right of the image is a map titled 'District Five Service Area' showing counties: Marion, Sumter, Lake, Seminole, Orange, Volusia, Flagler, Osceola, and Brevard. Below the map is a section for 'Other Service Areas' with links for Southwest Florida, South Florida, Northeast Florida, West Central Florida, Northwest Florida, Turnpike, and Southeast Florida.



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Thank You For Participating

*SAFETY IS
EVERYONE'S
RESPONSIBILITY*



**THE
SAFE
SYSTEM**

APPROACH

Zero is our goal. A Safe System is how we will get there.



Jesse Blouin
 FDOT Project Manager
 719 S. Woodland Blvd., MS 501
 DeLand, FL 32720
 386-943-5167
 Jesse.Blouin@dot.state.fl.us

www.CFLRoads.com/project/419772-2