



LPGA Boulevard PD&E Study

From U.S. 92 to Williamson Boulevard

Financial Project Identification (FPID) No.: 448456-1

Efficient Transportation Decision Making (ETDM) No.: 14332

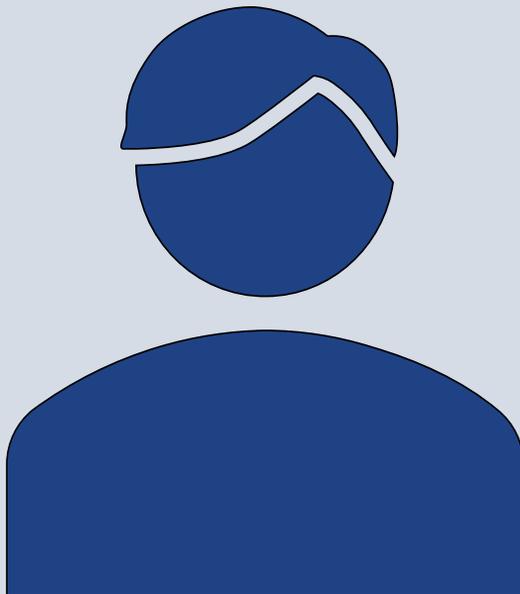
Public Hearing

October 10, 2023 (Virtual)

October 11, 2023 (In-Person)

The presentation will begin promptly at 6:00 p.m.

INTRODUCTION



Jesse Blouin, AICP

FDOT Project Manager

719 S. Woodland Blvd., MS 501

DeLand, FL 32720

Jesse.Blouin@dot.state.fl.us

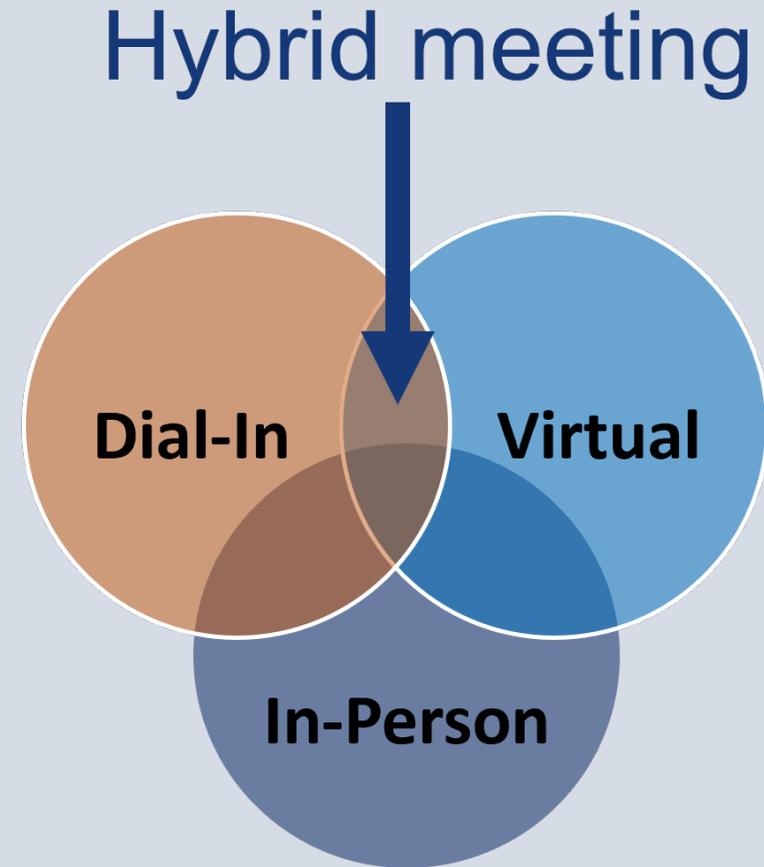
386-943-5167



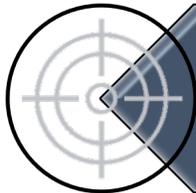
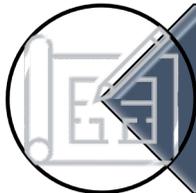
National Environmental Policy Act (NEPA)

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. § 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.

- This public hearing is being conducted in a hybrid format
- Dial-in attendees not using the GoToWebinar app are “listen-only”
- A copy of the presentation can be found on the project website at: CFLRoads.com/project/448456-1





-  Open House
-  Presentation
-  Hear your feedback

Title VI Compliance



Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons wishing to express concerns relative to FDOT compliance with Title VI may do so by contacting:

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

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

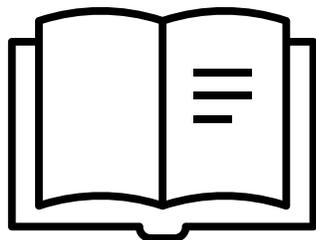
Stefan Kulakowski, FCCM, CPM
State Title VI Coordinator
Florida Department of Transportation
Equal Opportunity Office
605 Suwannee St., MS 65
Tallahassee, FL 32399-0450
850-414-4742
Stefan.Kulakowski@dot.state.fl.us



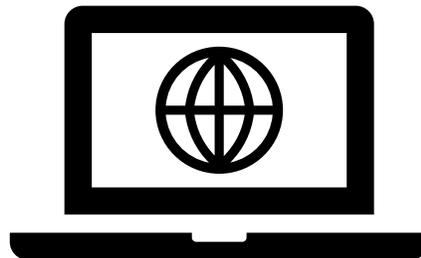
- Americans with Disabilities Act of 1990 (ADA)
- Title VI of the Civil Rights Act of 1964 and Other Nondiscrimination Laws
- 49 CFR Part 24, Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs
- 40 CFR Part 1506, Other Requirements of NEPA
- Executive 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



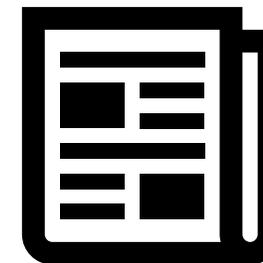
Public Notice



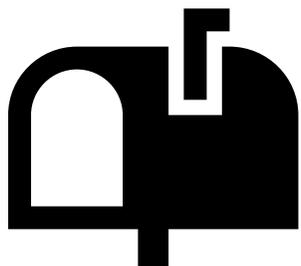
Florida Administrative
Register



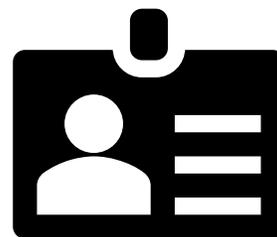
Department/project
webpage



Newspaper



Property owner/tenant
letters



Elected & Appointed
Officials



Email to project
contacts list



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

Physical Location

Hope Place Public Library
1310 Wright St, Daytona Beach, FL 32117
Monday through Saturday
10:00 a.m. to 4:00 p.m.



Project Website

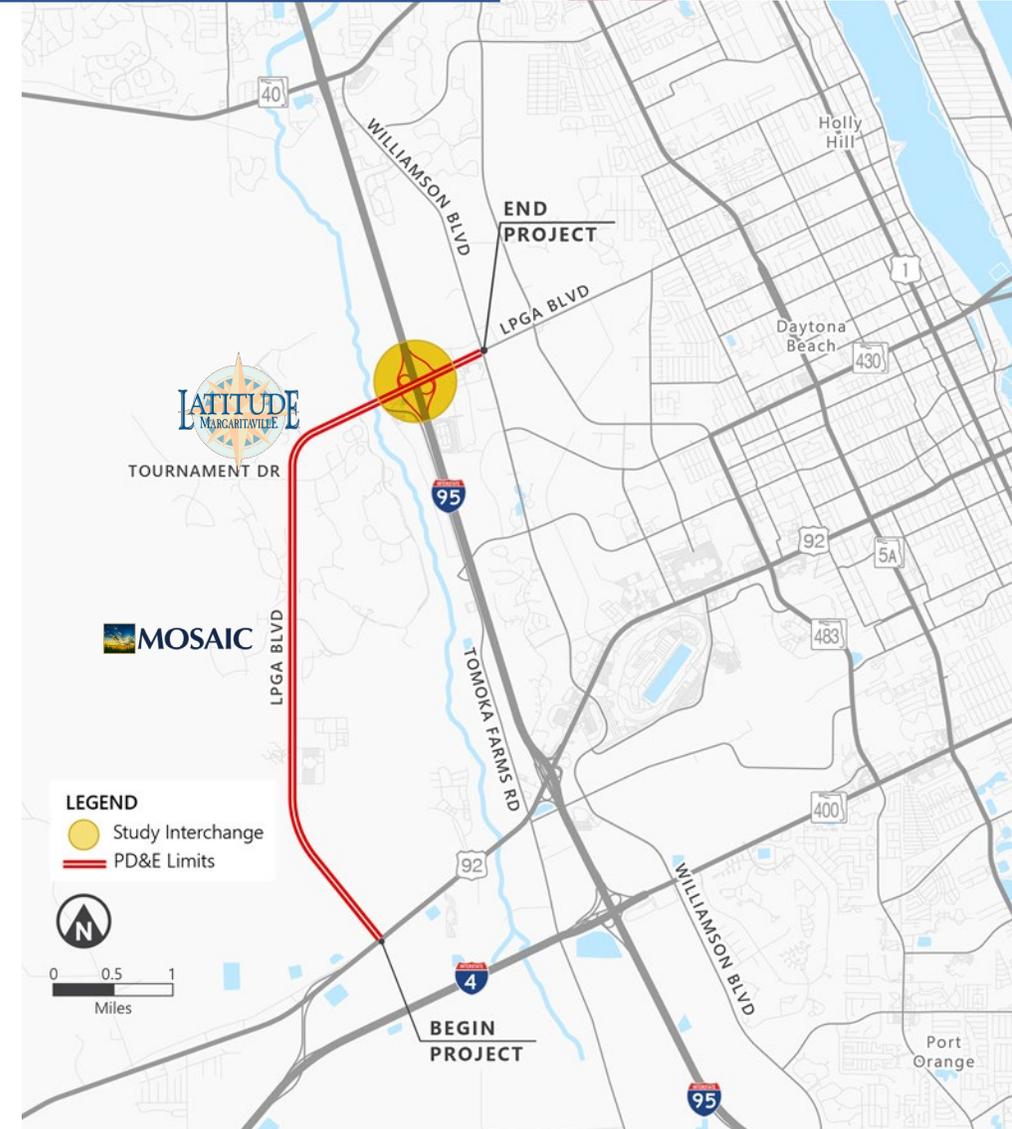
www.cflroads.com/project/448456-1



Project Location



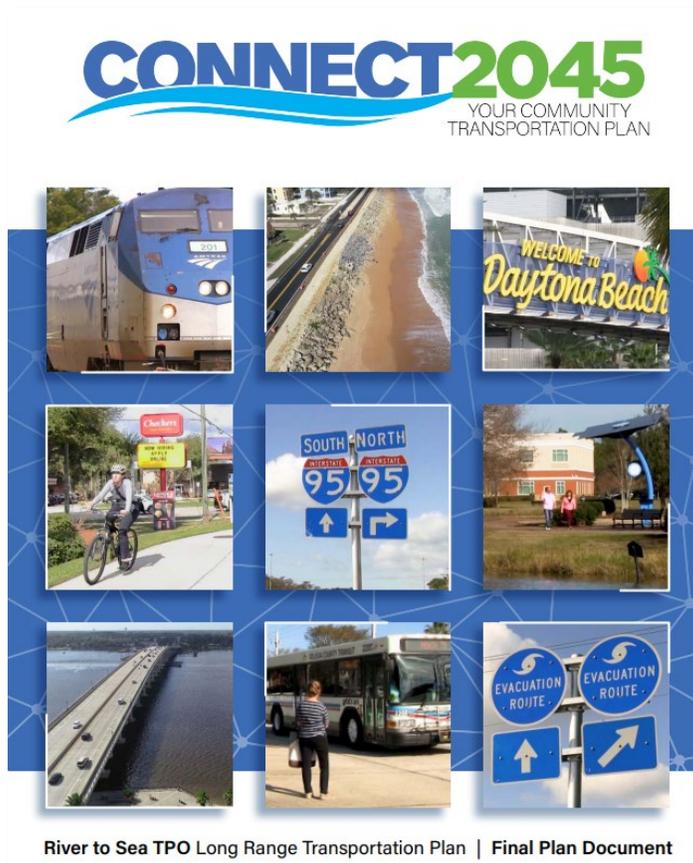
- Daytona Beach, Volusia County
- LPGA Boulevard from U.S. 92 to Williamson Boulevard
- Tomoka River Bridge
- I-95 at LPGA Boulevard Interchange



Project Development Process



This Project is identified in the R2CTPO Planning Documents



River to Sea
Transportation Planning Organization

FY 2021/22 – FY 2025/26
Transportation Improvement Program



Adopted June 23, 2021
Modified August 3, 2022

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



Accommodate future transportation demand, including bicyclists and pedestrians

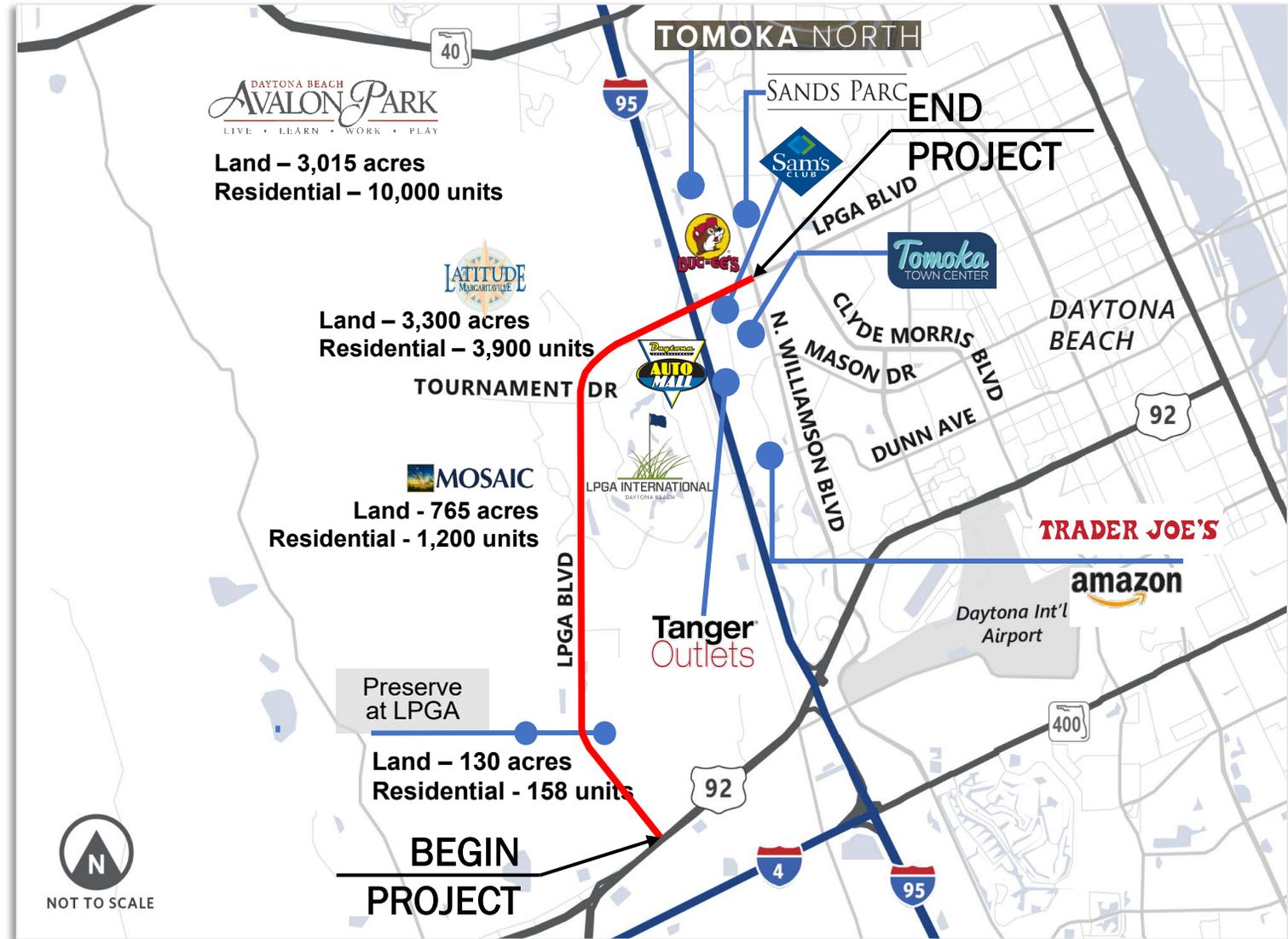


Enhance safety along LPGA Boulevard and at the I-95 interchange

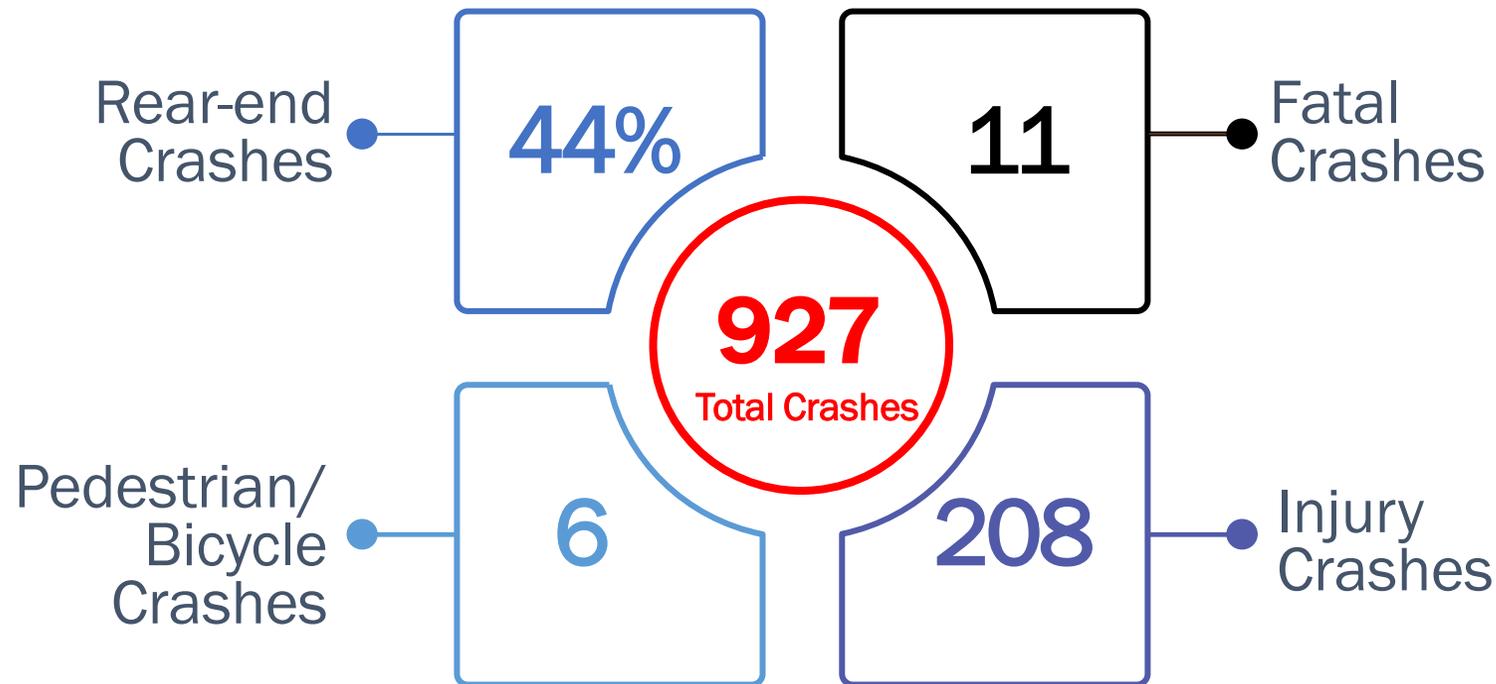
Substantial Traffic Growth



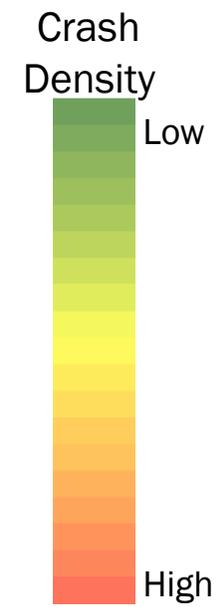
The project area is experiencing unprecedented growth in recent years



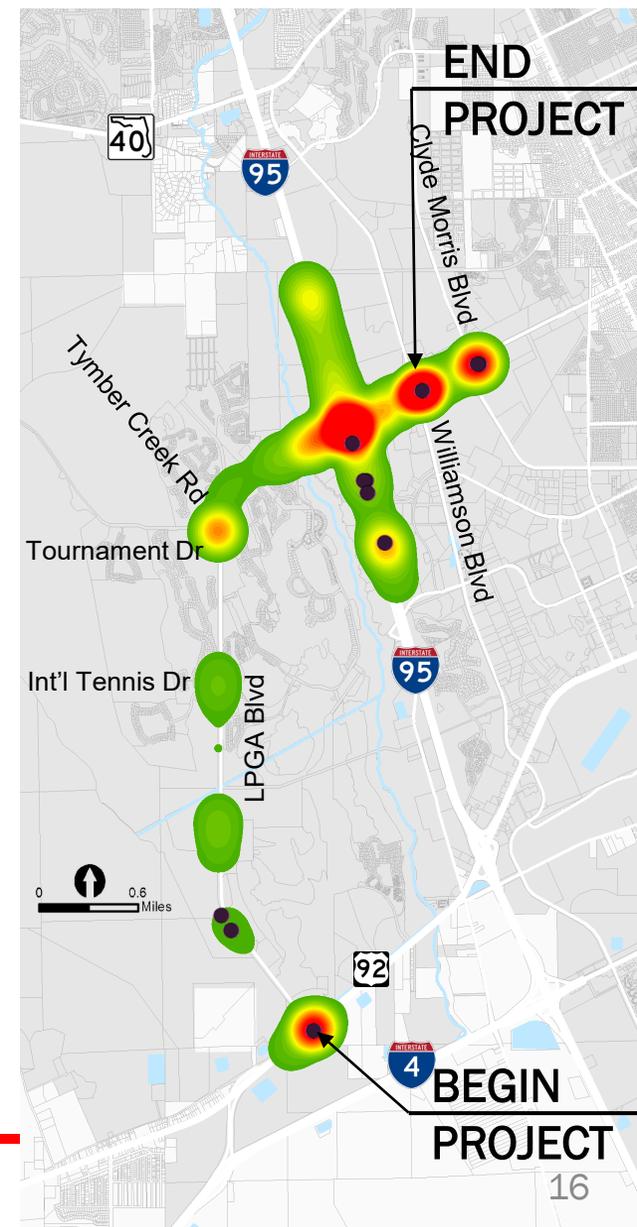
Existing Safety Conditions



January 1, 2015 - December 31, 2019, CAR Online and Signal 4 database



● Fatality



No Build Alternative



Build Alternative



No Build Alternative



Maintains existing number of lanes

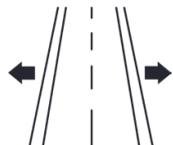


Maintains the existing I-95 interchange configuration



Keeps the existing Tomoka River bridge





Widen LPGA Boulevard



Add bicycle/pedestrian features

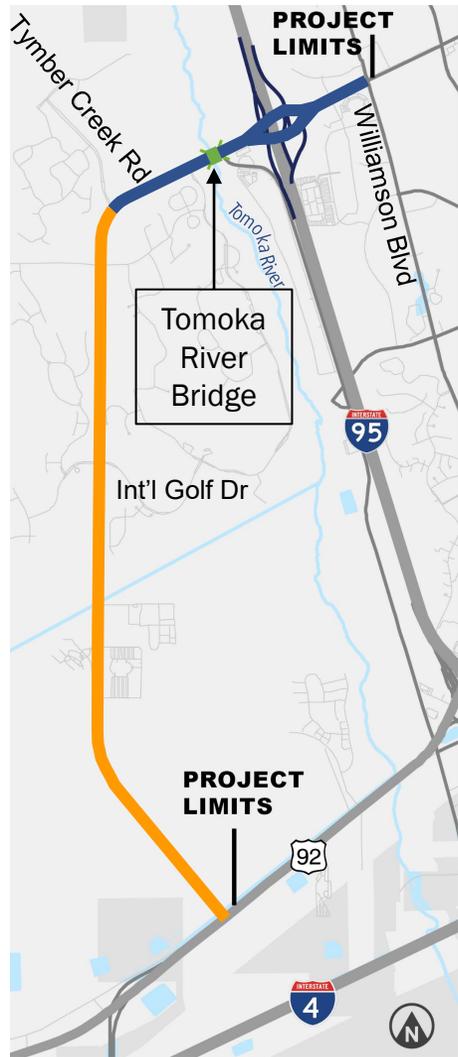


Replace and widen the Tomoka River bridge

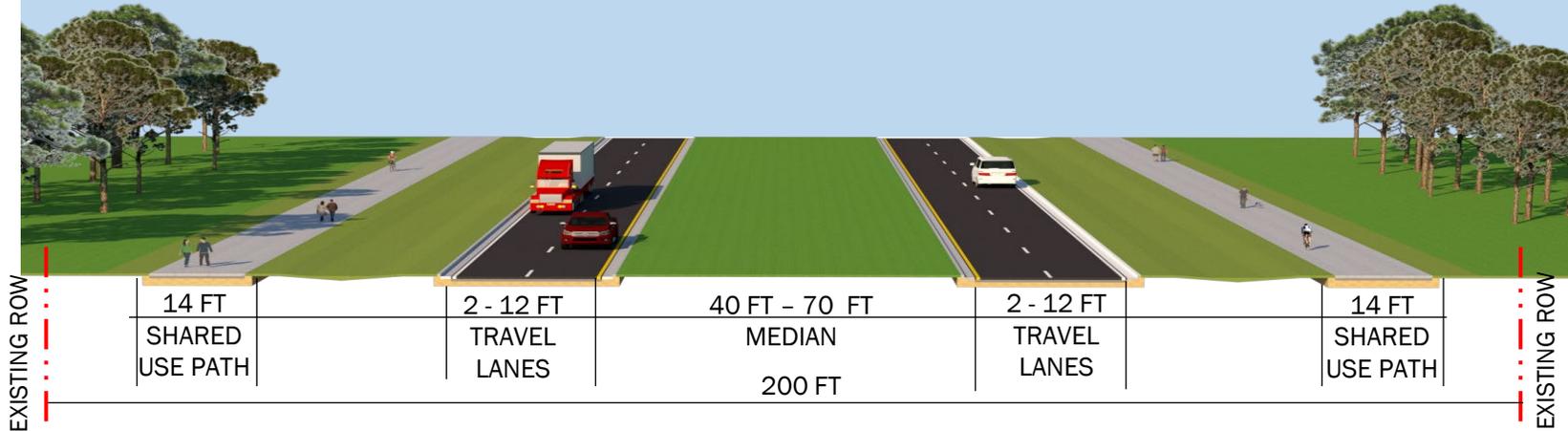


Modify the I-95 interchange

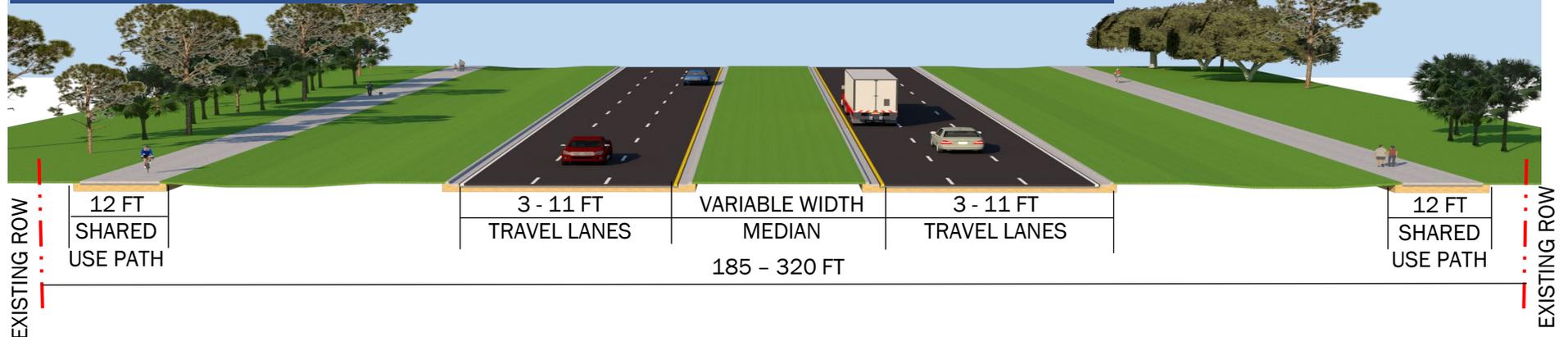
Corridor Improvements



LPGA Boulevard Between U.S. 92 and Tymber Creek Road



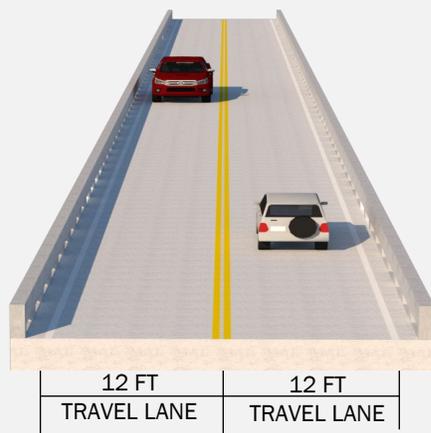
LPGA Boulevard Between Tymber Creek Road and Williamson Boulevard



Tomoka River Bridge Improvements

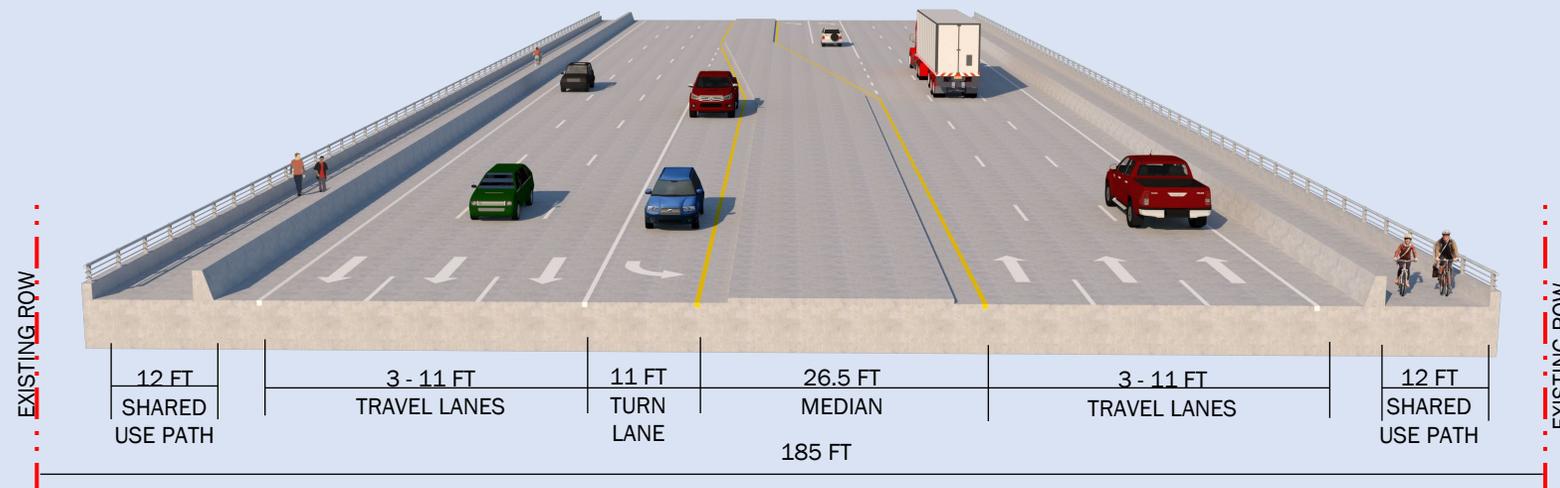


Existing Bridge



- 250-feet long
- Two lanes
- No bicyclist and pedestrian accommodation

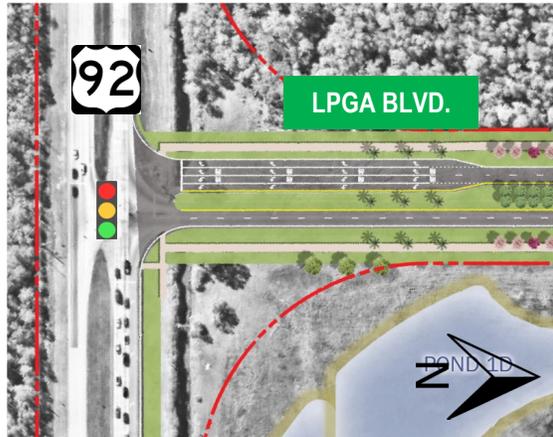
Proposed Bridge



- 340-feet long
- Three 11-foot travel lanes in each direction
- Left-turn lanes
- 12-foot shared use paths on both sides
- Two wildlife paths to enhance wildlife connectivity



Intersection Improvements



U.S. 92



Tournament Drive



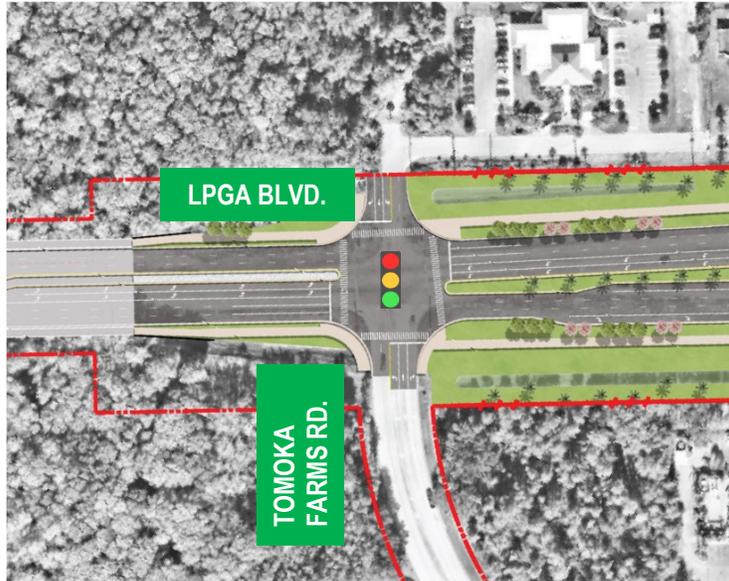
Tymber Creek Road



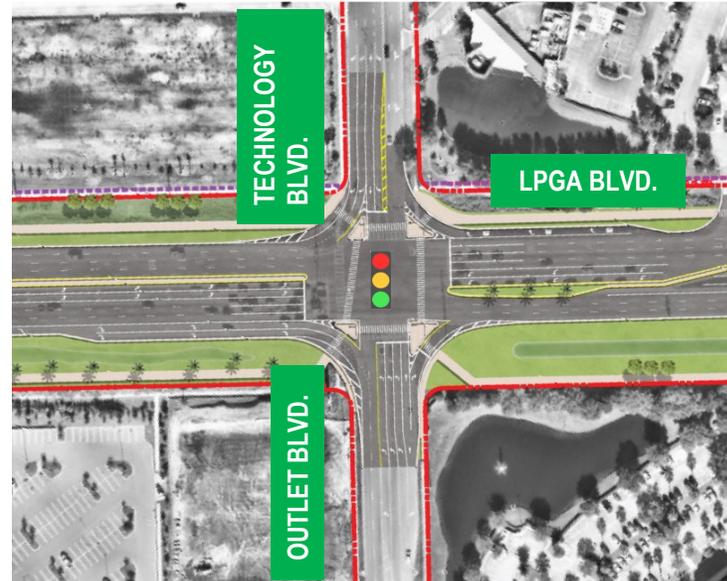
Champions Drive



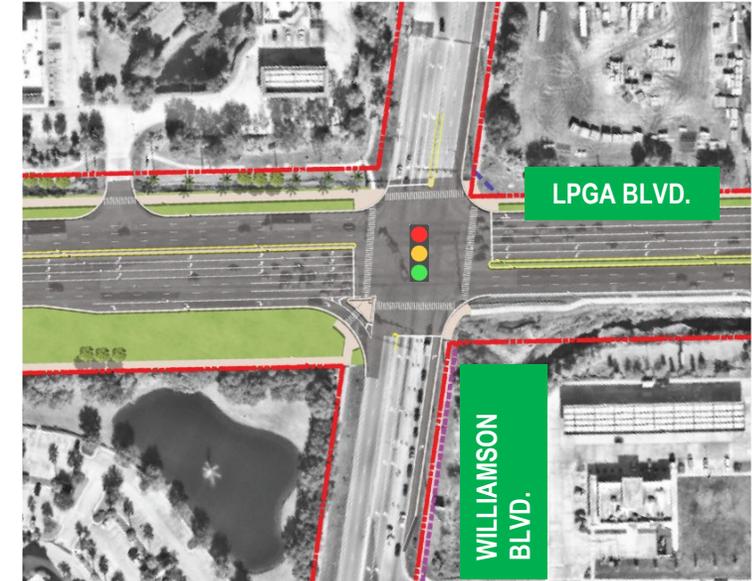
Intersection Improvements



Tomoka Farms Road



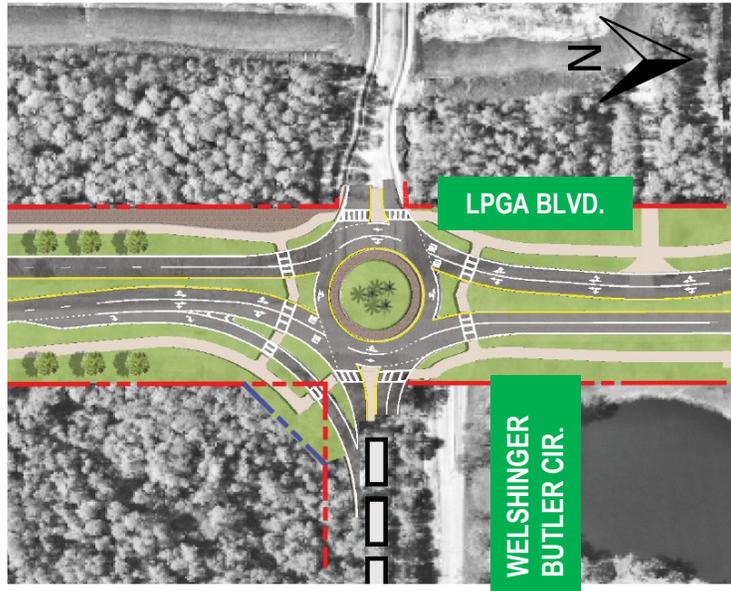
Outlet Boulevard/
Technology Boulevard



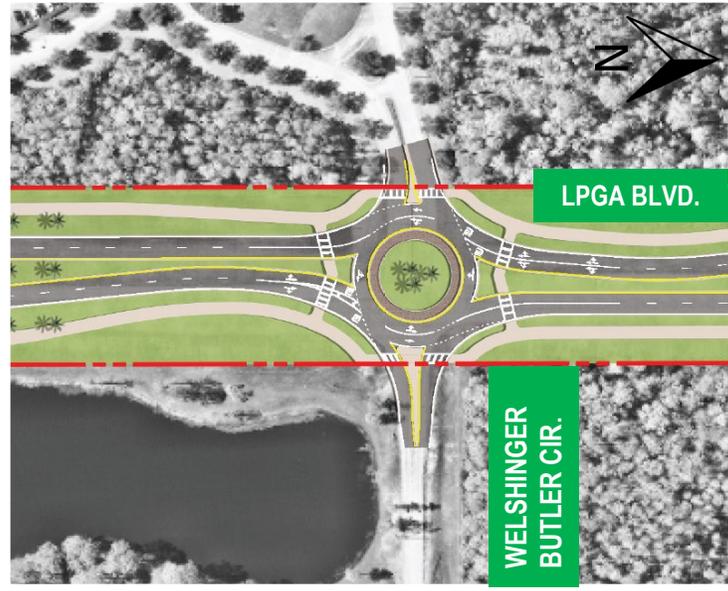
Williamson Boulevard



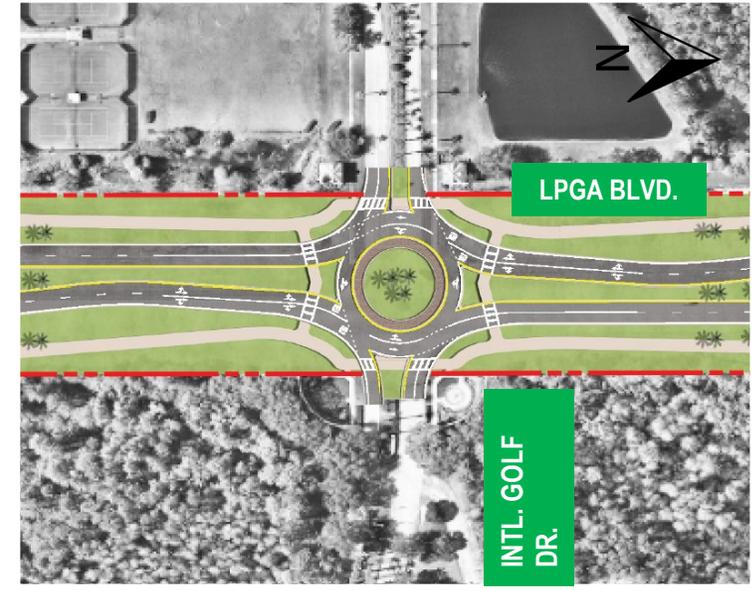
Intersection Improvements



Near Welshinger Butler Circle South



Welshinger Butler Circle North



International Golf/International Tennis Drive

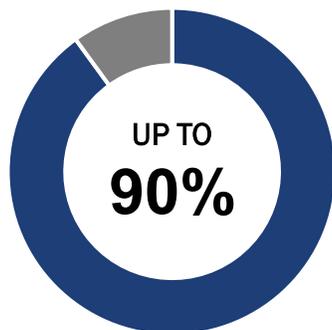
Roundabout Benefits



- Keeps drivers moving through the intersection
- Less severe crashes



**CAPACITY
INCREASE**



**FEWER
FATALITIES**



**FEWER
INJURIES**

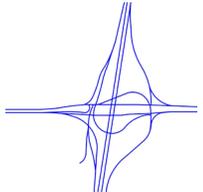
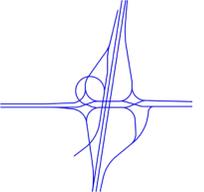
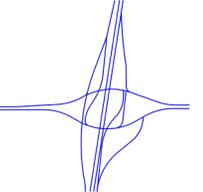
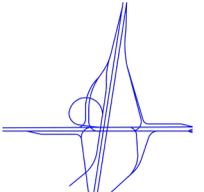
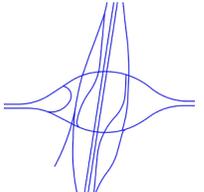


**FEWER PEDESTRIAN/
BICYCLE CRASHES**



I-95 Interchange Evaluation



	 Grade Separated Modified Diamond	 Diverging Diamond Interchange	 Signalized Turbine Interchange	 Echelon Corridor	 Echelon/Turbine Hybrid
Right of Way Needs	●	●	●	◐	◐
Congestion Reduction	◐	◐	◐	●	◐
Construction Cost	◐	◐	◐	○	◐
Future Expandability	●	○	◐	○	◐
Constructability	◐	◐	◐	○	◐
Improved Safety	●	◐	◐	●	◐

Poor	Fair	Average	Good	Best
○	◐	◐	◐	●

I-95 Interchange Improvements



BUC-EE'S

Technology Blvd

Outlet Blvd



LPGA Blvd

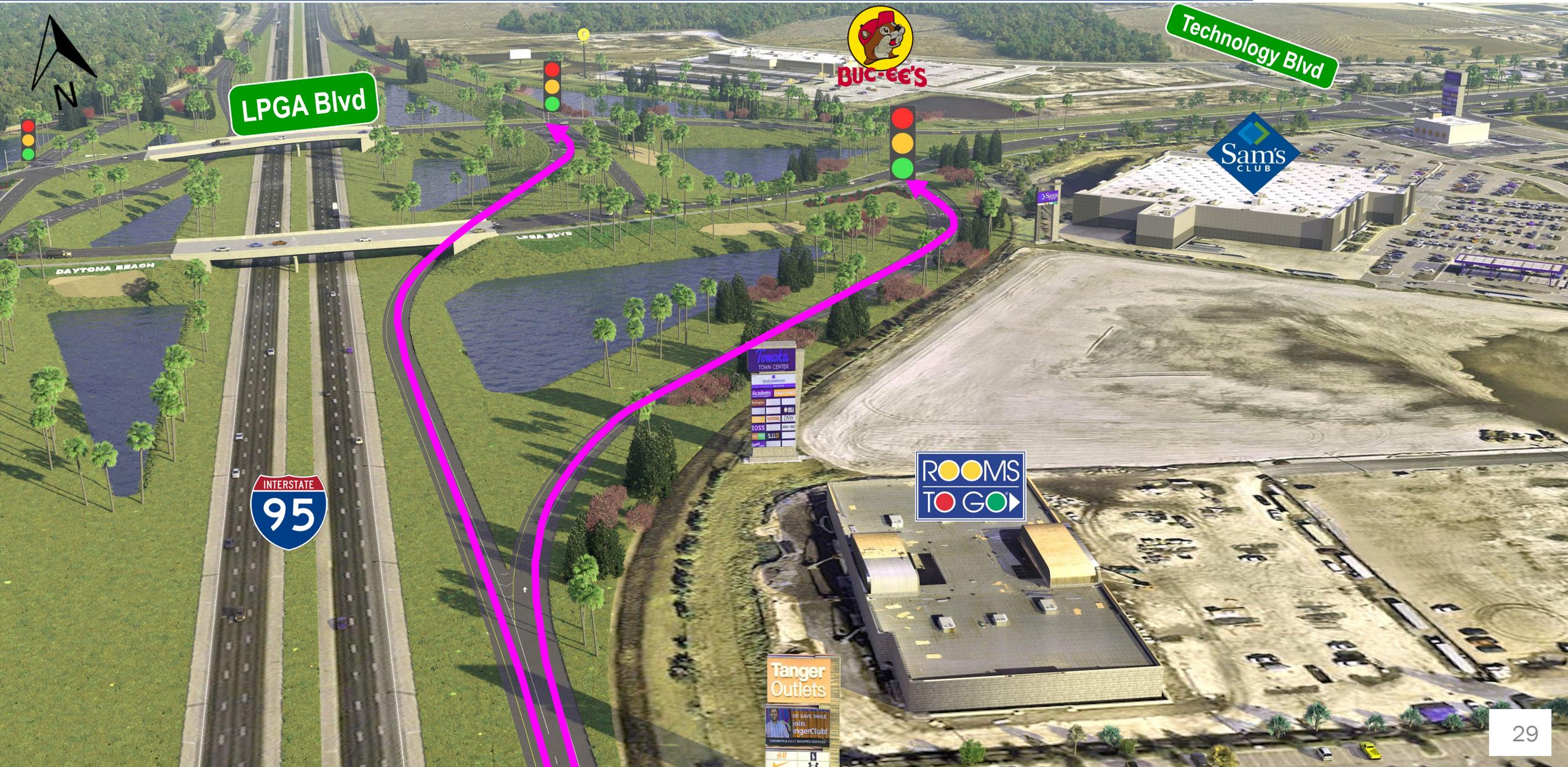
DAYTONA BEACH



Proposed I-95 Interchange



Proposed I-95 Interchange



Proposed I-95 Interchange



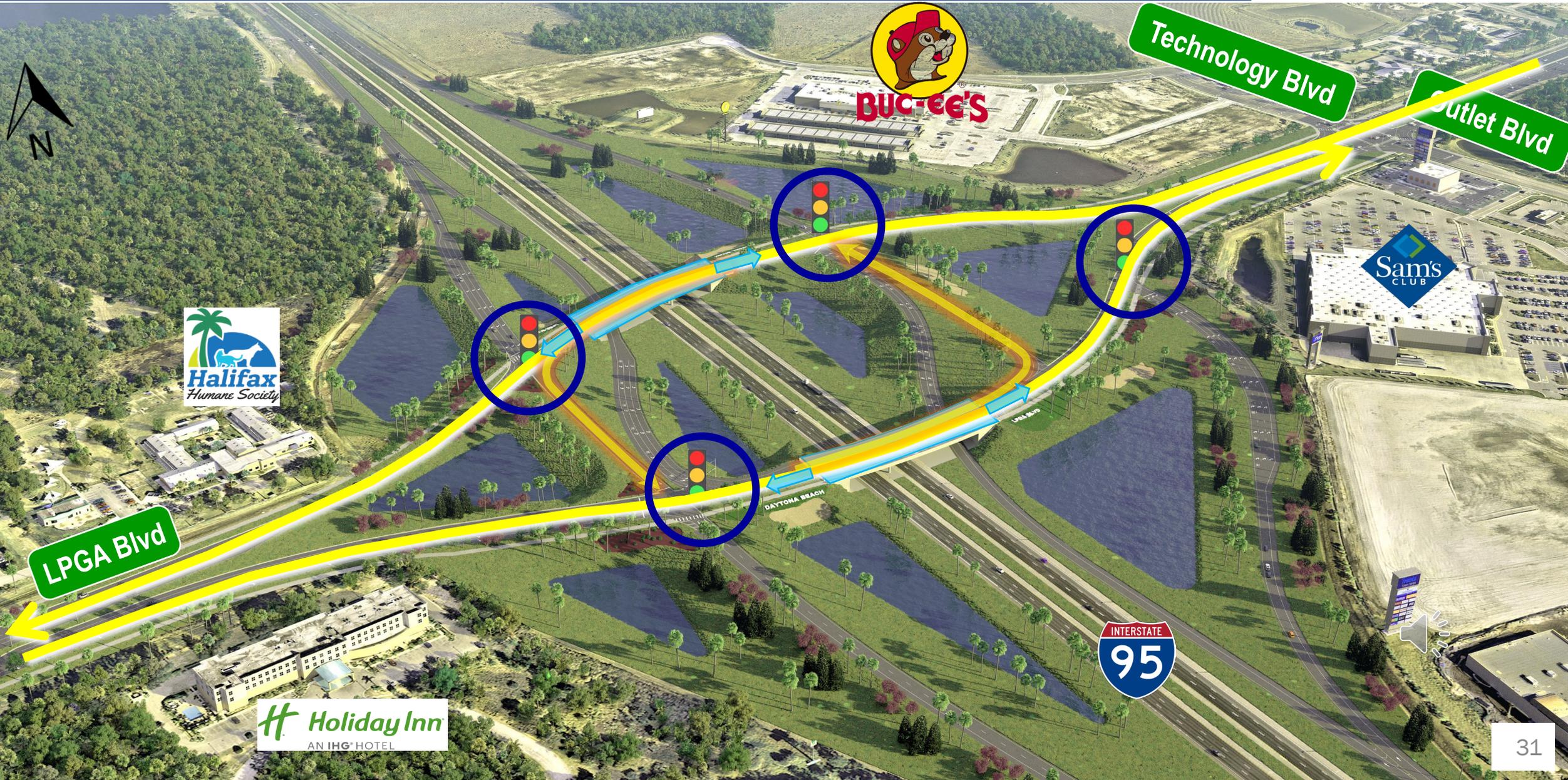
LPGA Blvd

Holiday Inn
AN IHG HOTEL

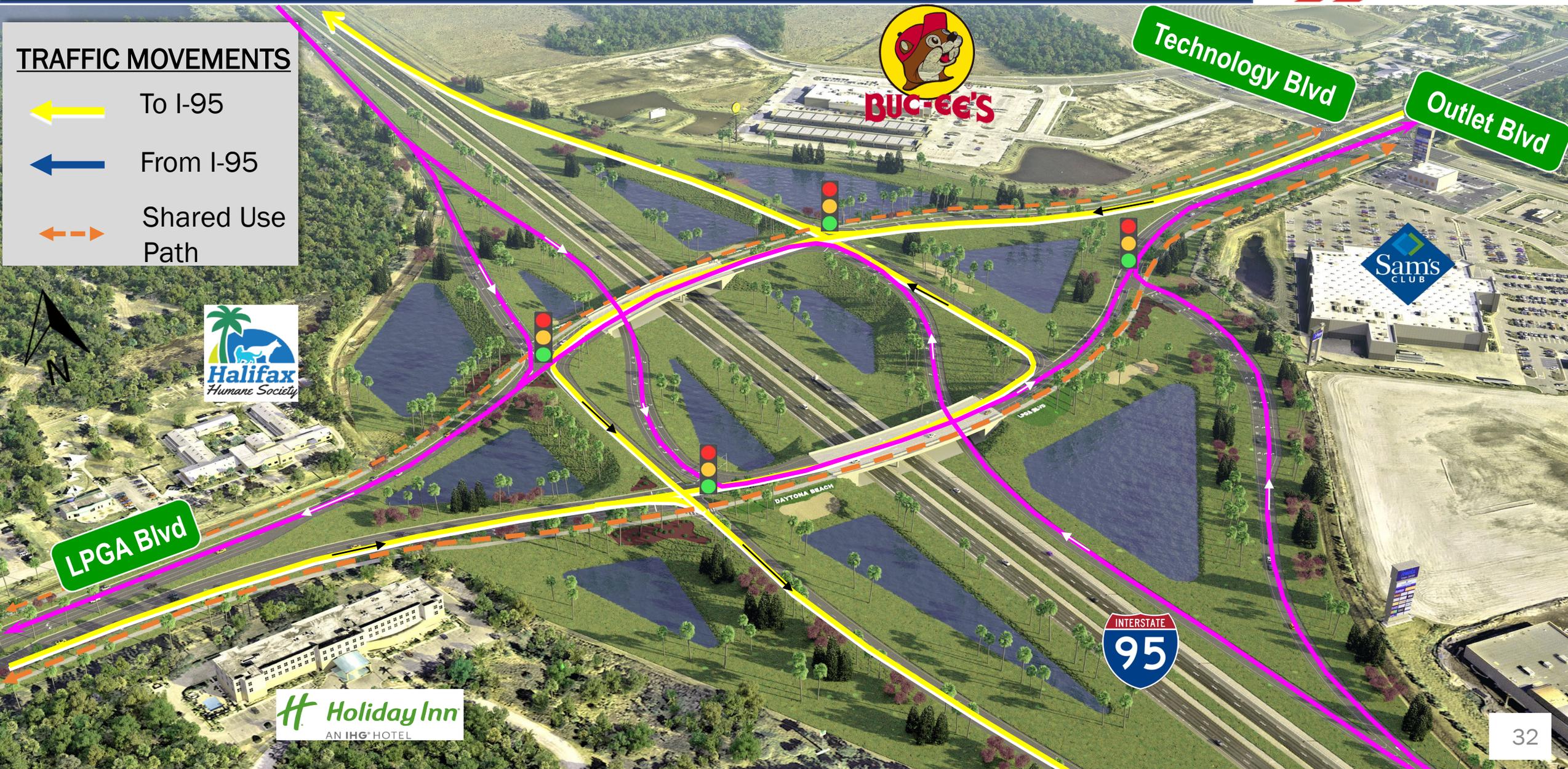
DAYTONA BEACH



Signalized Turbine Interchange



Proposed I-95 Interchange

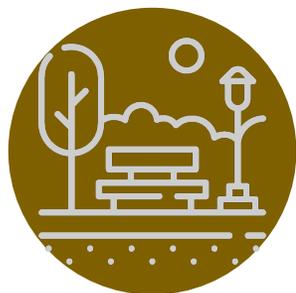


TRAFFIC MOVEMENTS

- To I-95
- From I-95
- Shared Use Path



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



Social and Economic

- Businesses and residences
- Community facilities
- Multimodal



Natural

- Floodplains
- Wetlands and water quality
- Protected species



Cultural

- Historic sites
- Archeological sites
- Public parks



Physical

- Contamination
- Noise
- Utilities

Stormwater pond
locations

Floodplain
compensation
areas



Alternatives Evaluation Matrix



Evaluation Criteria		No Build Alternative ¹	Build Alternative
Purpose and Need	Accommodate Future Travel Demand	No	Yes
	Accommodate Pedestrians and Bicyclists	No	Yes
	Improve Safety	No	Yes
Social and Economic	Number of Parcels Impacted	0	14
	Number of Residential Relocations	0	0
	Number of Business Relocations	0	0
Cultural Resources	Archaeological Potential	None	Low
	Historic Sites	None	None
	Public Lands (Acres)	None	None
Natural Resources	Wetlands (Acres)	None	75.85
	Protected Species	None	Low
	Floodplains (Acres)	None	5.70
Physical Resources	Contamination Sites (Medium or High Rank)	None	4
	Noise Sensitive Sites	None	135
	Utility Conflicts	None	Medium
Estimated Costs in Millions (Present Day Costs)²	Right of Way	\$0	\$24M
	Wetland Mitigation	\$0	\$4M
	Construction	\$0	\$218M
	Construction Engineering and Inspection	\$0	\$15M
	Total Estimated Cost	\$0	\$261M

¹The No-Build Alternative does not meet the project's purpose and need

²Project costs are subject to change



Enhances Safety

- Raised median
- Intersection improvements
- Pedestrian and bicycle features

Accommodates future travel demand growth

- Increase roadway capacity

Public and Agency Support

- Input from the public

Build Alternative





Right turn lanes



Stormwater management ponds



Floodplain compensation sites

05/06/2022

RIGHT OF WAY PROCEDURES MANUAL

Document updated frequently, check website for most recent chapter versions



Florida Department of Transportation

Office of Right of Way

Access Management Changes



LPGA Boulevard From US 92 to Tomoka Farms Road

Existing Conditions - Access Class 4 (Non Restrictive Median Type)

1"=100'



Proposed Conditions - Access Class 5 (Restrictive Median Type)

1"=100'



Access Management Changes



LPGA Boulevard at Concierge Boulevard

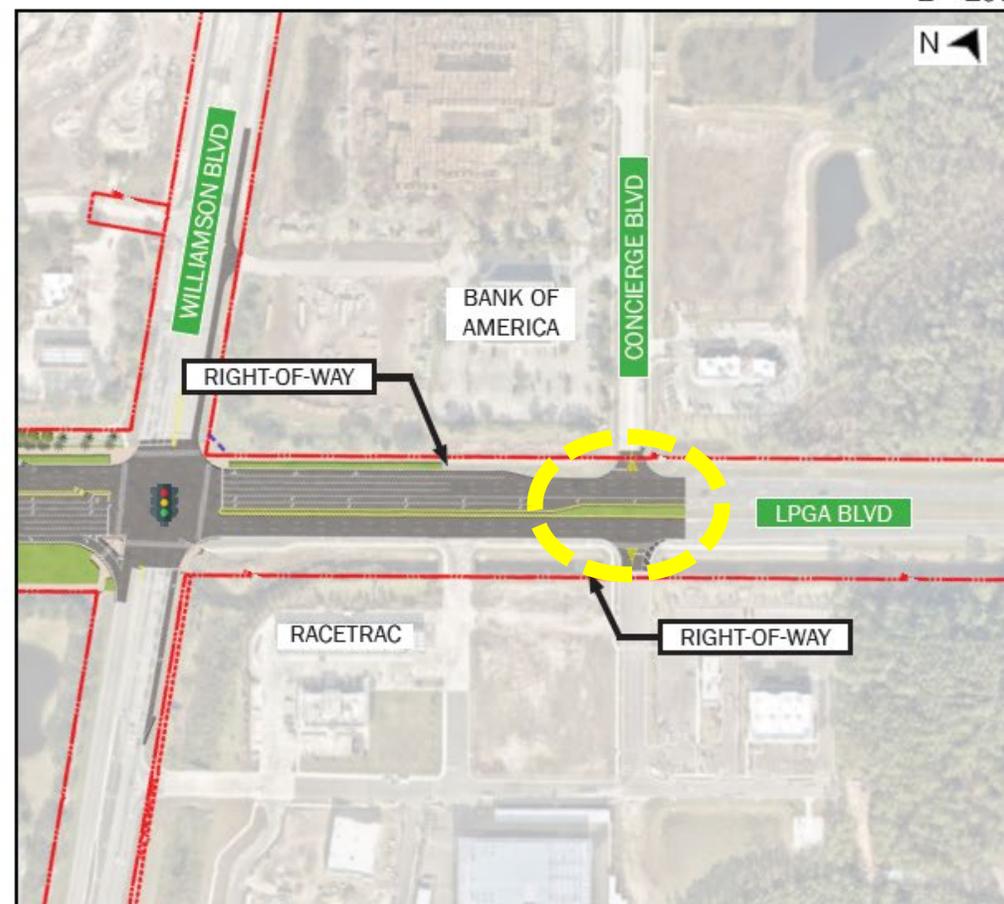
Existing Conditions

1"=100'



Proposed Conditions

1"=100'



PD&E Study Schedule



PROJECT MILESTONE/ ACTIVITY	2021	2022				2023				2024
	October - December	January - March	April - June	July - September	October - December	January - March	April - June	July - September	October - December	January - March
Begin Study										
Data Collection										
Analyze and Refine Viable Alternatives										
Alternatives Open House										
Refine and Select the Recommended Alternative										
Prepare Documents										
Public Hearing										
PD&E Study Approval										
Public/Stakeholder Engagement										

Note: The schedule is tentative and subject to change

Get Involved



In Person



Virtually



Email or Mail



Telephone

**Comments received or postmarked by October 21, 2023
will be included in the public hearing record.**



In-person



- Submit a written comment form
- Provide your comment directly to the court reporter
- Written comments are part of the public hearing record

Other Ways to Submit Comments



Contact the Project Manager, Jesse Blouin, AICP



Jesse.Blouin@dot.state.fl.us



**719 S. Woodland Blvd., MS 501
DeLand, FL 32720**



386-943-5167



Stay Informed



Type 448456-1 here

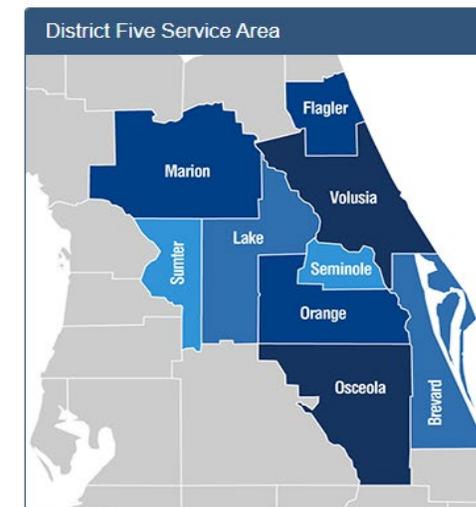


- Go to the project website on www.cflroads.com
- Enter the project number 448456-1 in the search box at the top right and click “Go”

Welcome to FDOT's District Five Projects Website



Grab Your Running Shoes: Learn about upcoming trail plans and projects
Looking for the nearest trail to explore? Check here for SUN Trail funded construction projects – both completed and on the horizon! [More...](#)



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, AICP
FDOT Project Manager
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Please submit questions or comments by October 21, 2023

