



Alternatives Public Meeting

Canoe Creek Road

Project Development and Environment (PD&E) Study

From Deer Run Road to US 192

Osceola County, FL

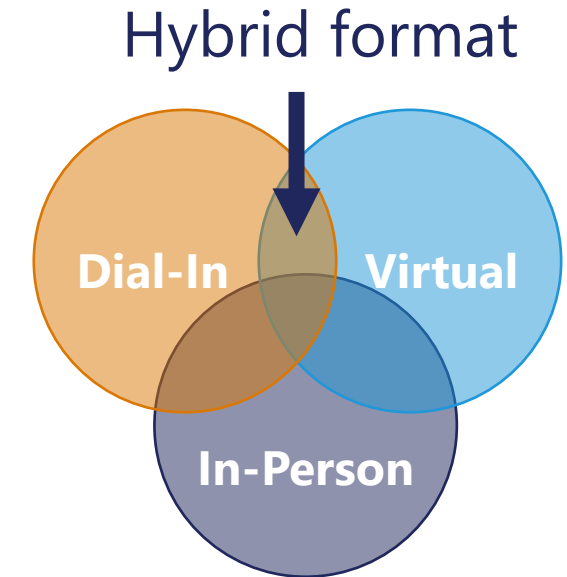
Financial Project Identification (FPID) Number: 449217-1

Tuesday, July 18, 2023

About the Public Meeting

This public meeting is being conducted in a hybrid format:

- In-Person
- Virtual
- Dial-in



Dial-in attendees are in “listen-only” mode.

A copy of the presentation is available at:

www.osceola.org/go/canoecreekroad

Title VI Compliance

Osceola County complies with various non-discrimination laws and regulations, including Title VI of the Civil Rights Act of 1964 and the Americans with Disabilities Act (ADA).

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

For questions or concerns, you may contact :

Osceola County

Title VI Coordinator

Brenda Hernandez

700 Generation Point

Kissimmee, FL 34744

(407) 742-1208

TTY: 711 (Florida Relay System)

Brenda.Hernandez@Osceola.org



“No person shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal assistance.”

—Civil Rights Act of 1964



Florida Department of Transportation

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of transportation (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 the FDOT.

Project Development Process



What is a PD&E Study?

- Existing Conditions
- Future Traffic Needs
- Alternatives Development
- Social, Cultural, Environmental, and Engineering Evaluations
- Public and Agency Involvement
- Study Recommendations

Study Overview



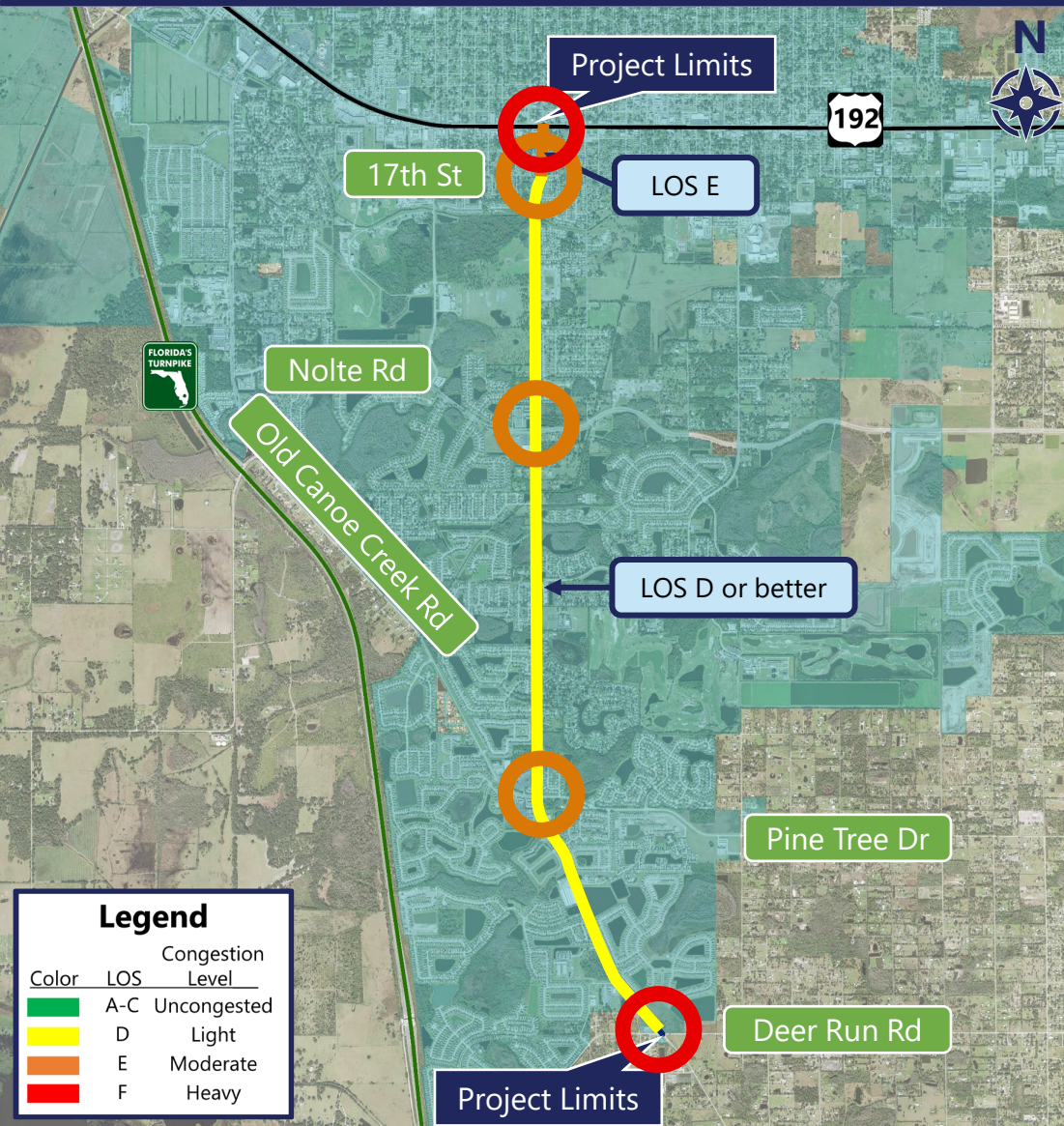
- Project Limits:
 - Deer Run Road to US 192
 - Approximately 4.65 miles
- Evaluates widening the existing two-lane road to a four-lane divided roadway
- Evaluates enhancing pedestrian and bicycle features
 - Current project limits contain a discontinuous sidewalk
 - Proposed improvements include a continuous sidewalk and shared use path
- Evaluates intersection operations

Purpose and Need

- What is the purpose of the project?
 - Improve traffic mobility
 - Add capacity
 - Provide intersection and operational improvements
 - Improve bicycle and pedestrian facilities
- Why is the project needed?
 - Improve traffic operations
 - Improve safety

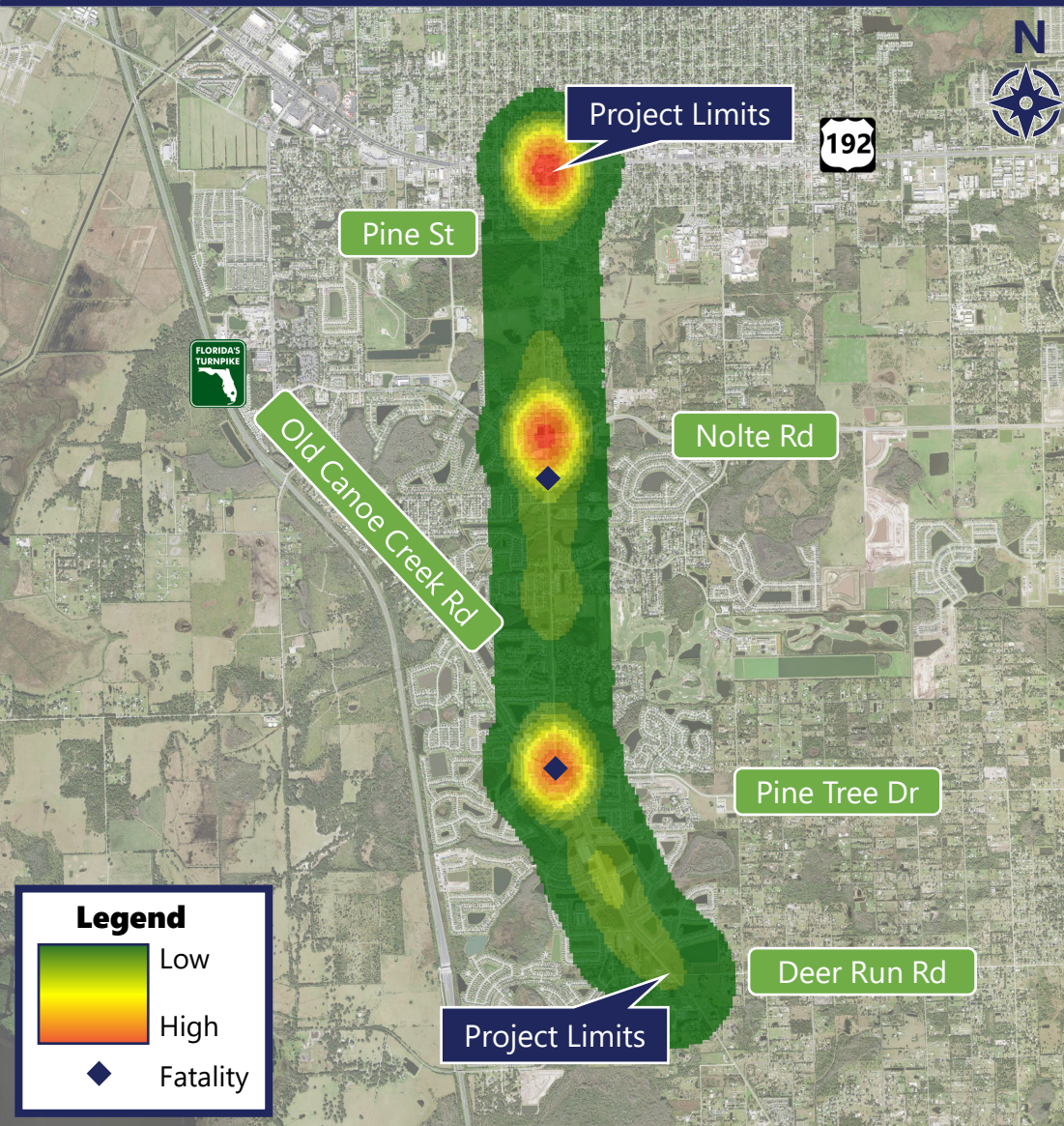


Existing Traffic Analysis



- Segments:
 - Deer Run Road to 17th Street experiences light congestion
 - 17th Street to US 192 experiences moderate congestion (northbound)
- Intersections with Canoe Creek Road:
 - Old Canoe Creek Road, Nolte Road, and 17th Street experience moderate congestion
 - Deer Run Road and US 192 experience heavy congestion

Crash History



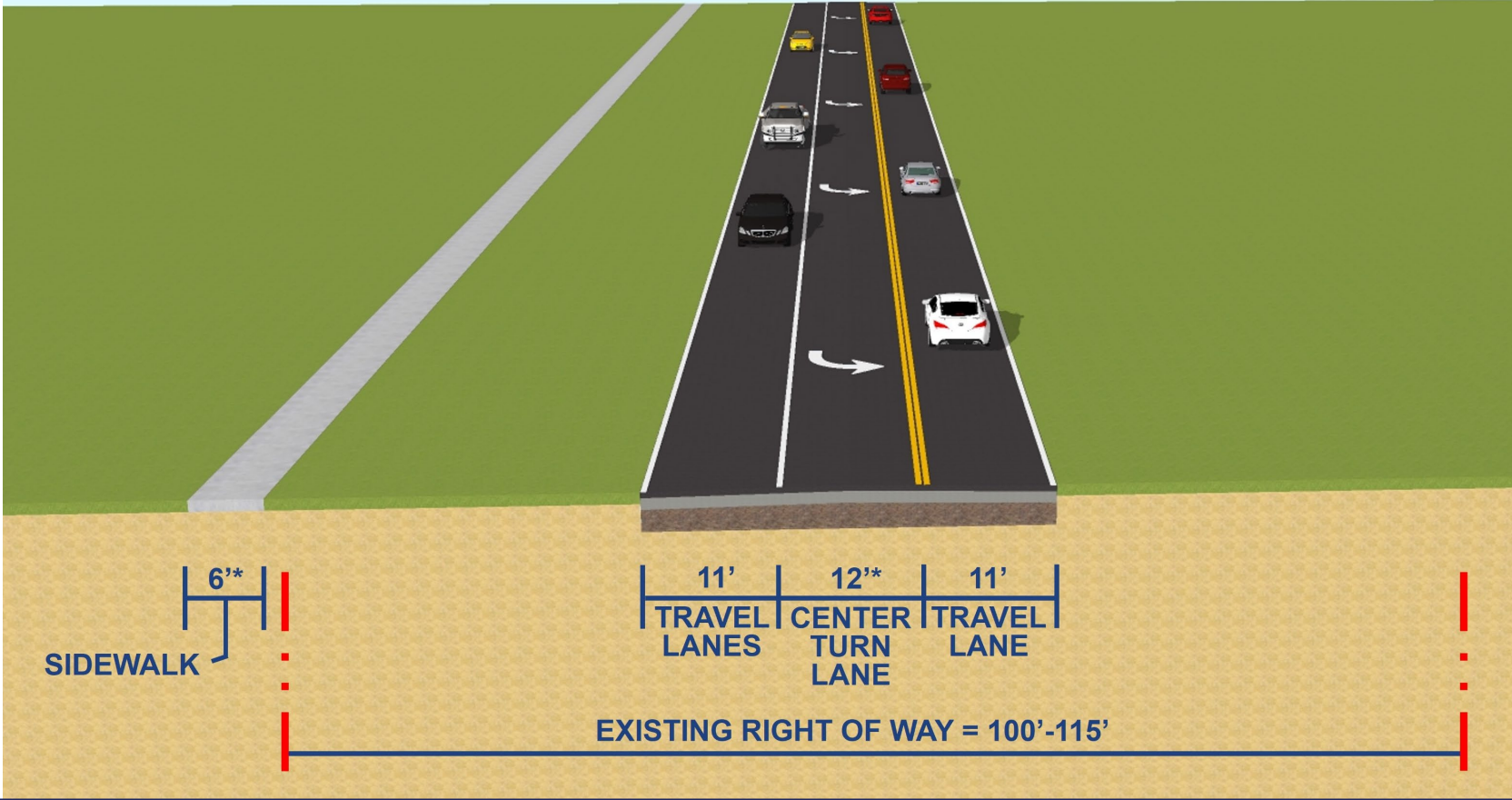
- Crash Data collected 2017-2021
 - 550 recorded crashes
- Crash clusters at the following intersections (56% of all crashes):
 - Old Canoe Creek Road (92 crashes)
 - Nolte Road (108 crashes)
 - US 192 (106 crashes)
- 2 Fatalities
- 49% of crashes were rear end crashes

Existing Conditions

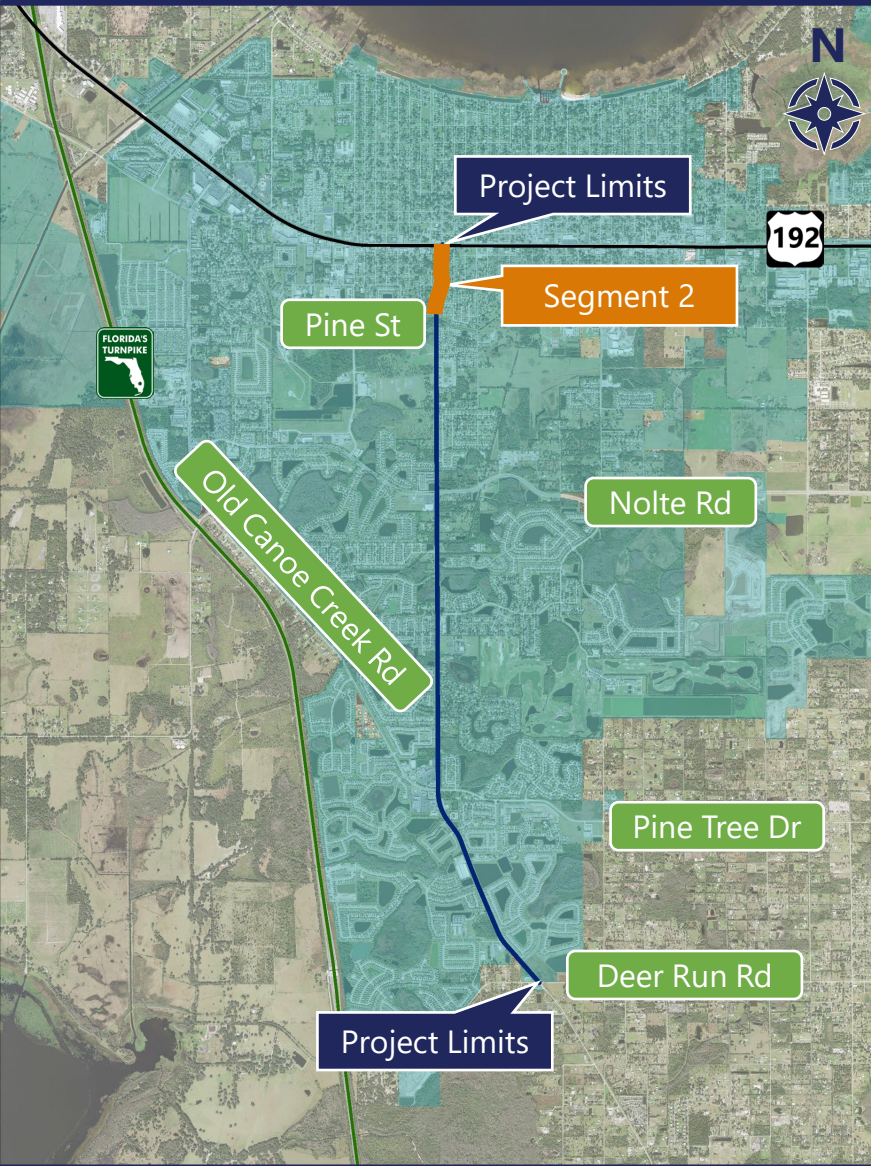


Segment 1 – Deer Run Road to Pine Street (~4.25 miles)

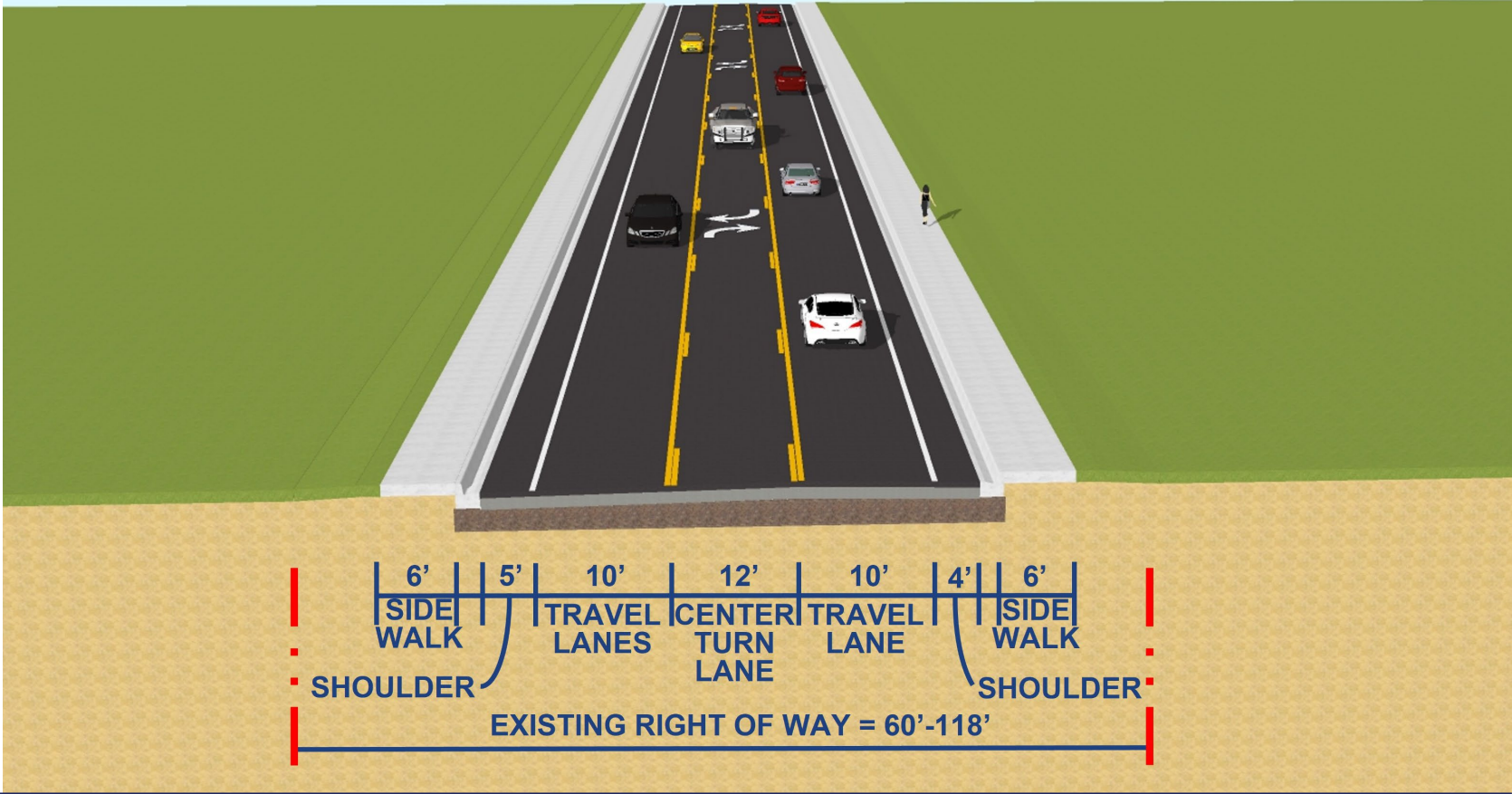
*NOTE: LOCATION VARIES



Existing Conditions



Segment 2 – Pine Street to US 192 (~0.4 miles)



Existing Conditions



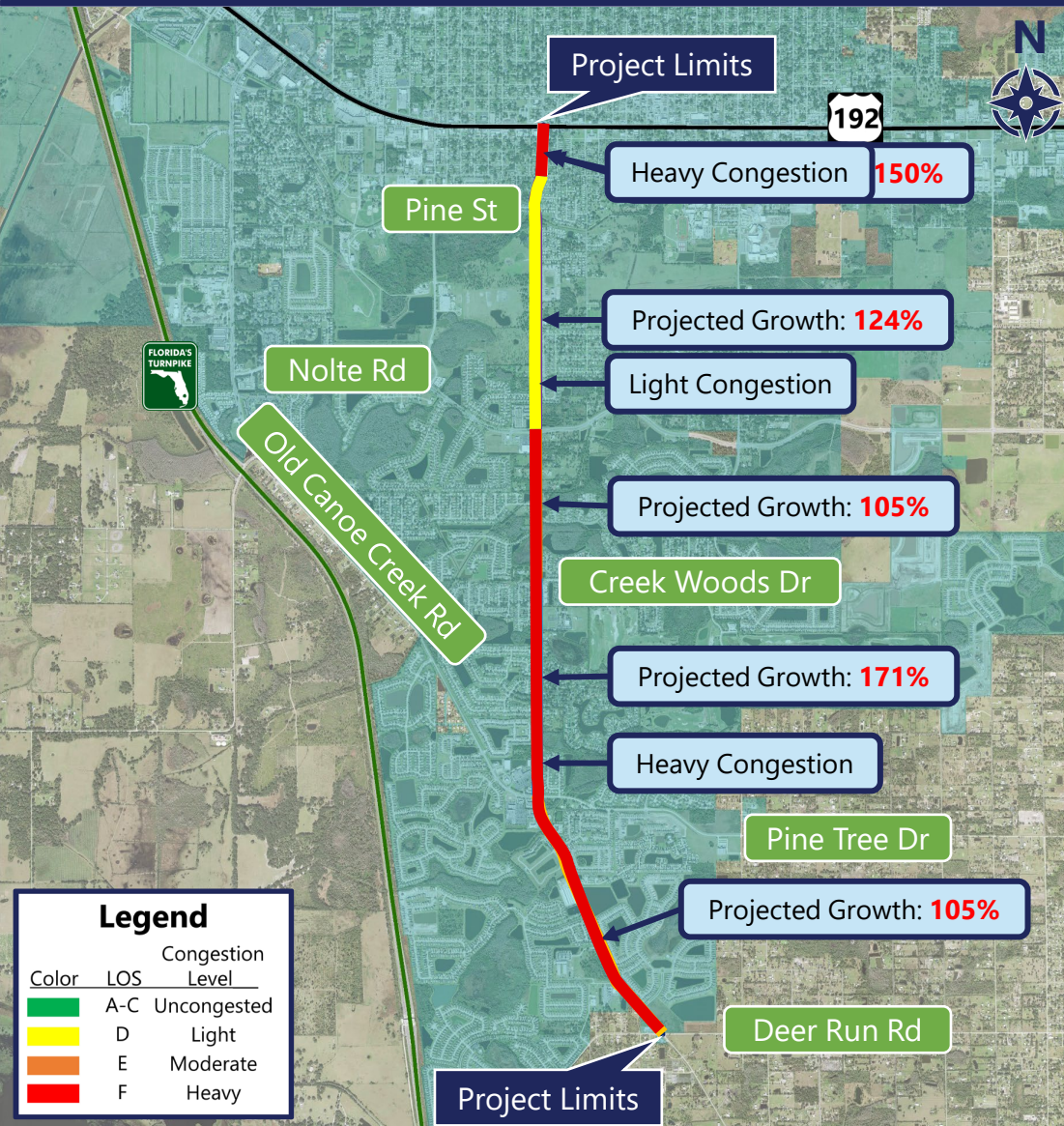
- Signalized Intersections:
 - Deer Run Road / Friars Cove Road
 - Old Canoe Creek Road / Pine Tree Drive
 - Nolte Road
 - 17th Street
 - US 192
- Transmission Poles (owned by Orlando Utilities Commission)
 - East of Canoe Creek Road from Deer Run Road to just south of Old Canoe Creek Road
 - West of Canoe Creek Road from just south of Old Canoe Creek Road to 17th Street
- Speed Limit
 - Deer Run Road to Whaley's Creek Boulevard – 45-55 mph
 - Whaley's Creek Boulevard to Pine Street – 45 mph
 - Pine Street to US 192 – 35 mph

No-Build Alternative

- No improvements would be made
- Traffic operations and mobility will degrade
- Congestion will intensify
- Current bicycle and pedestrian facilities would not be improved
- **Does not meet the project's purpose and need**
- Viable option throughout the duration of the study

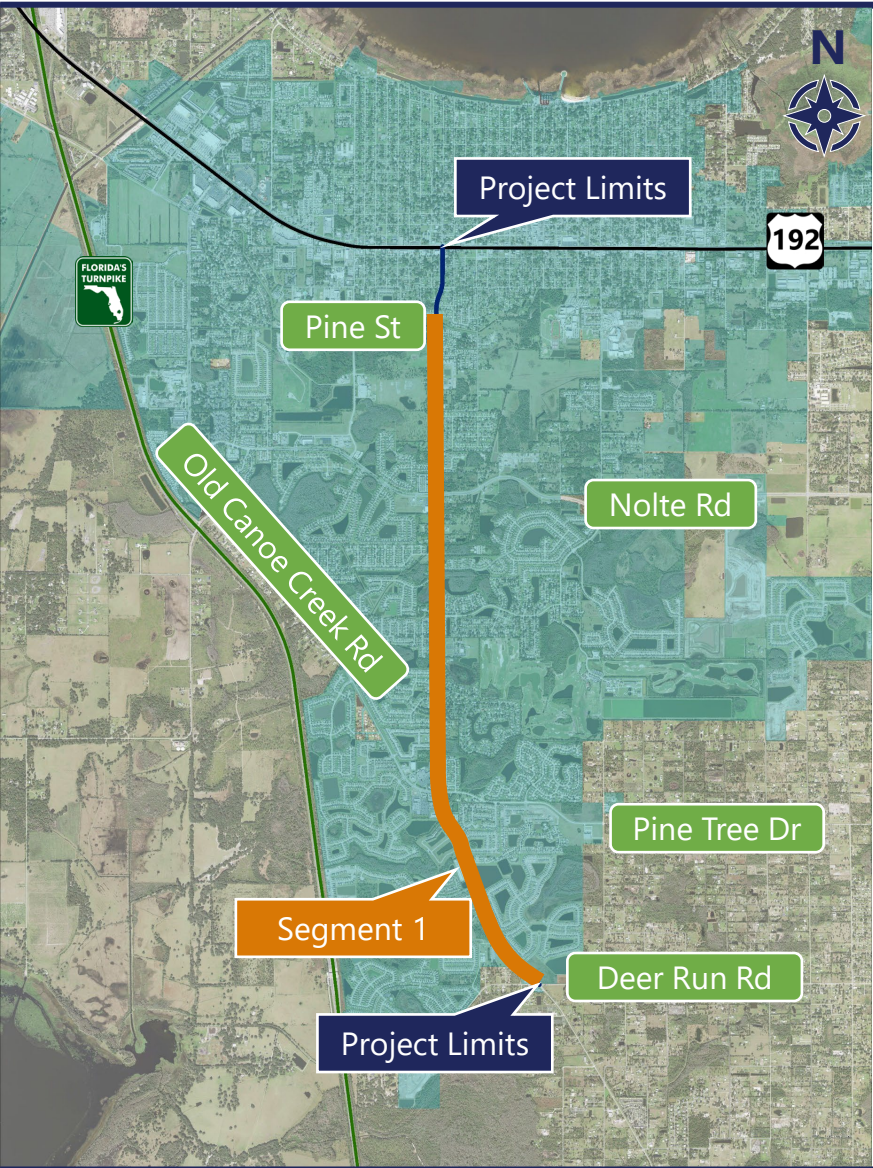


No-Build Traffic Analysis

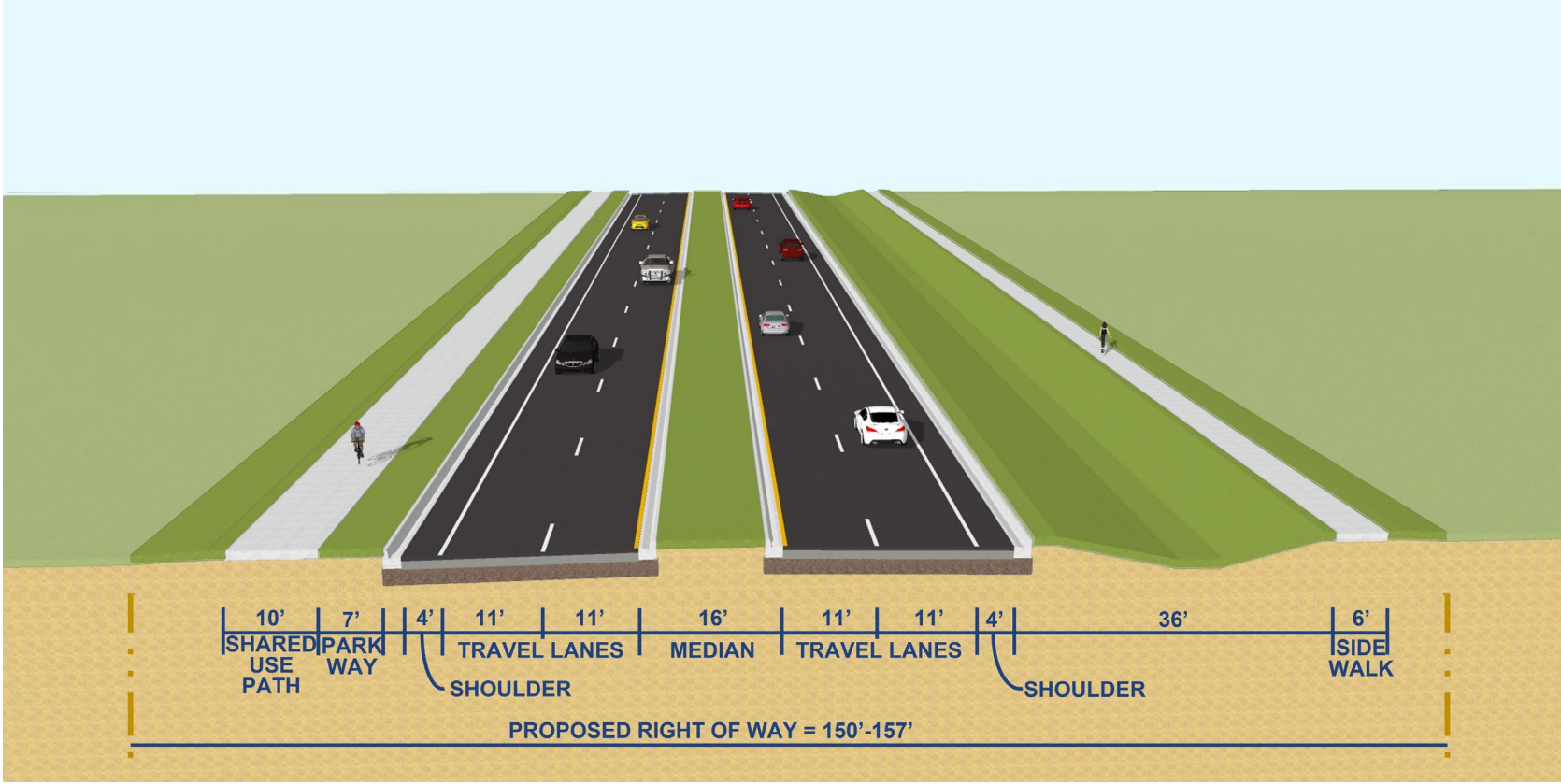


- Traffic is projected to the year 2050
- Traffic is projected to **more than double**
- Unacceptable congestion projected for majority of corridor
- All signalized intersections will fail
- 24 out of the 26 unsignalized intersections will fail

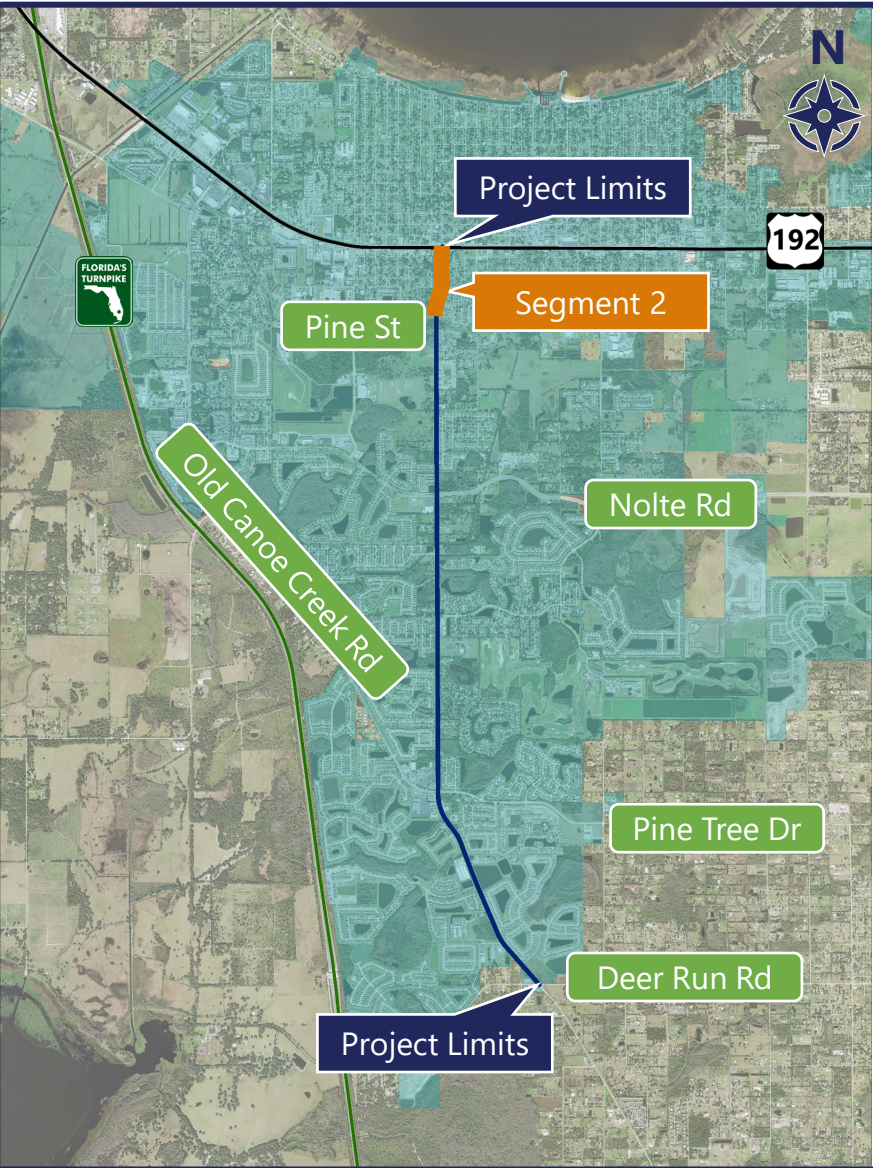
Proposed Typical Section



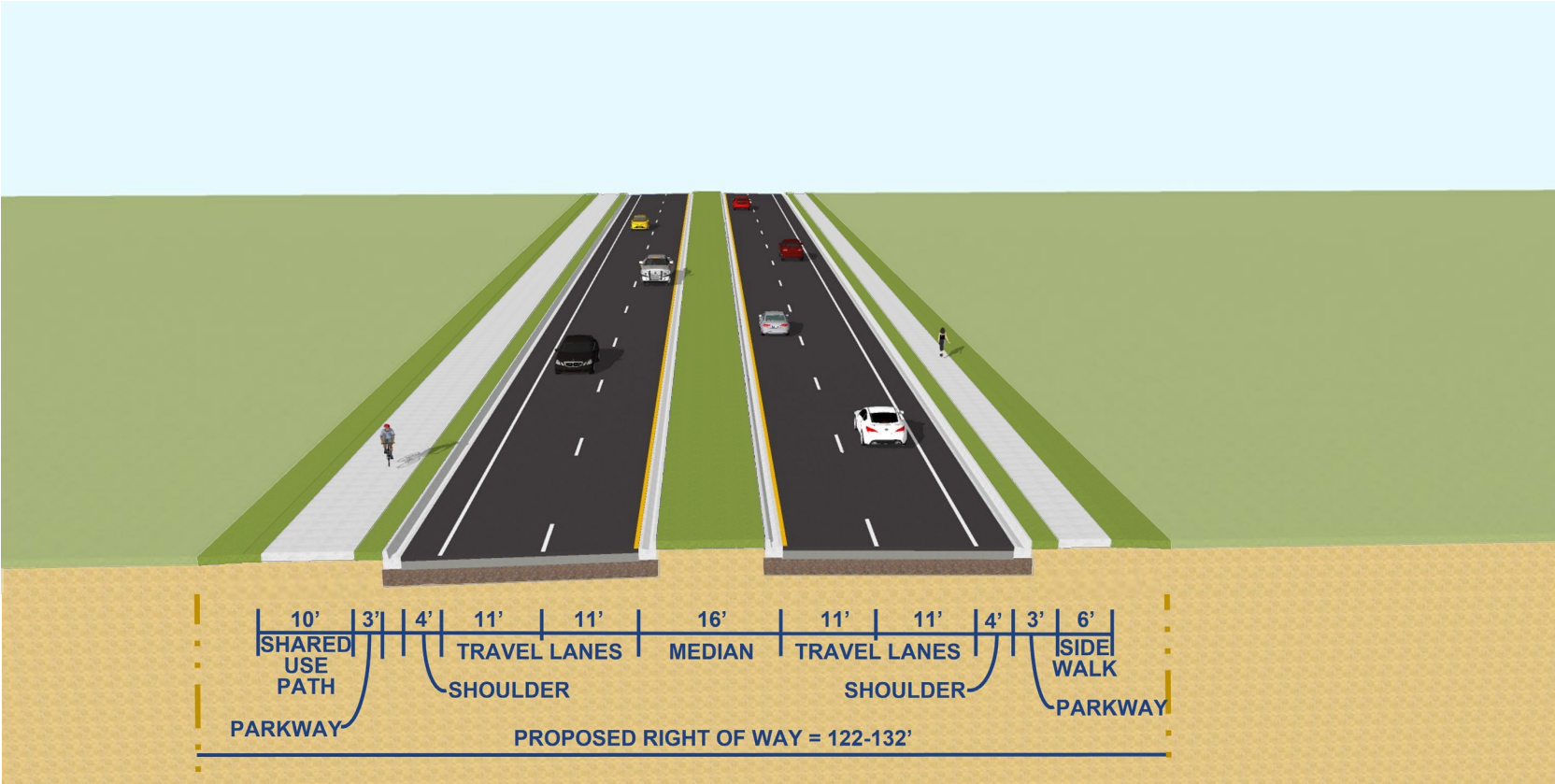
Segment 1 – Deer Run Road to Pine Street



Proposed Typical Section



Segment 2 – Pine Street to US 192



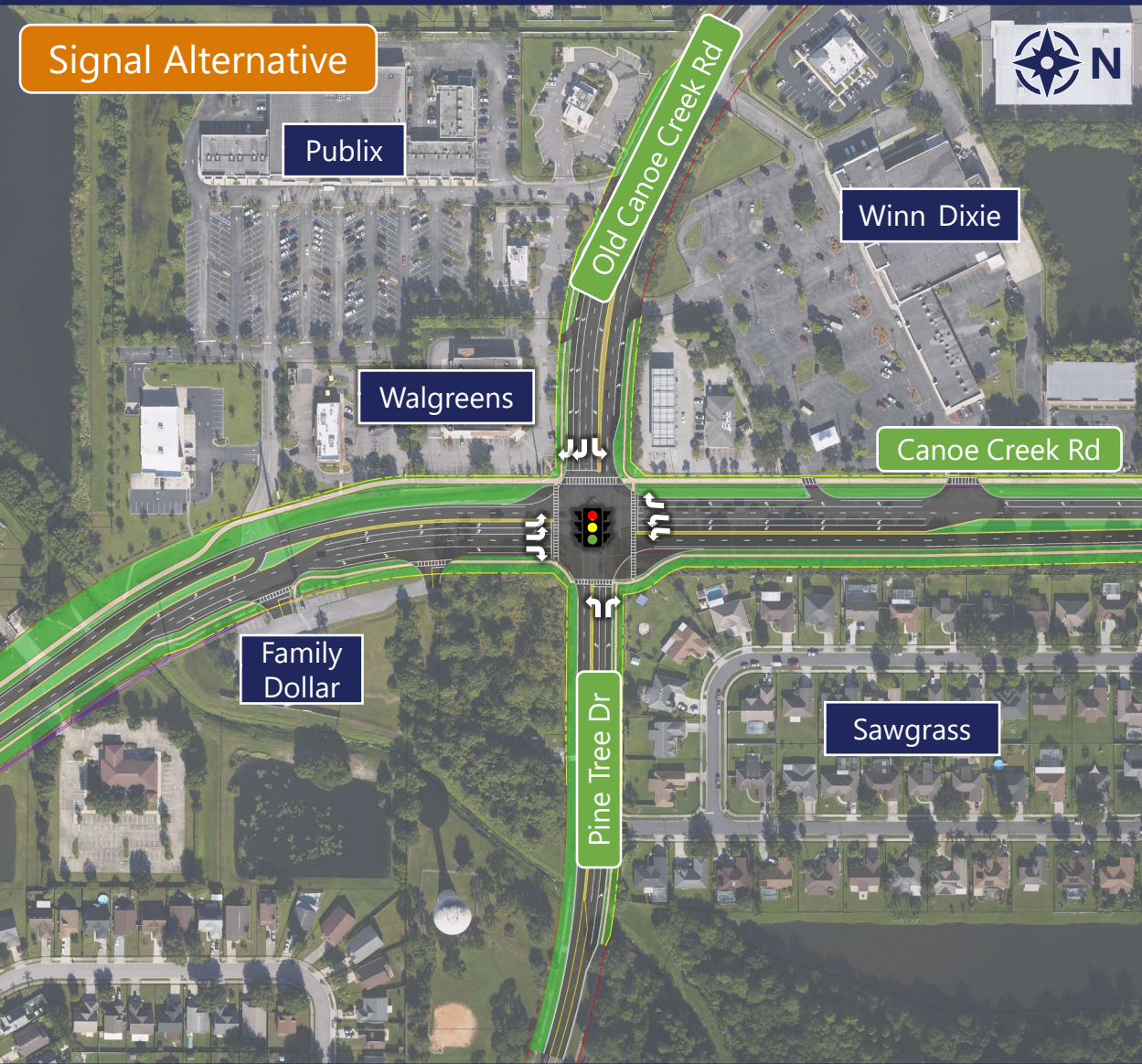
Access Management



- Existing:
 - Two-lane undivided – non-restrictive
 - No median openings
- Proposed:
 - Four-lane divided – restrictive
 - Directional median openings spaced 660 feet
 - Full median openings or signals spaced 1,320 feet
 - Addition of 3 signals:
 - Portofino Vista Boulevard
 - Creek Woods Drive
 - Settlers Trail

Old Canoe Creek Alternatives

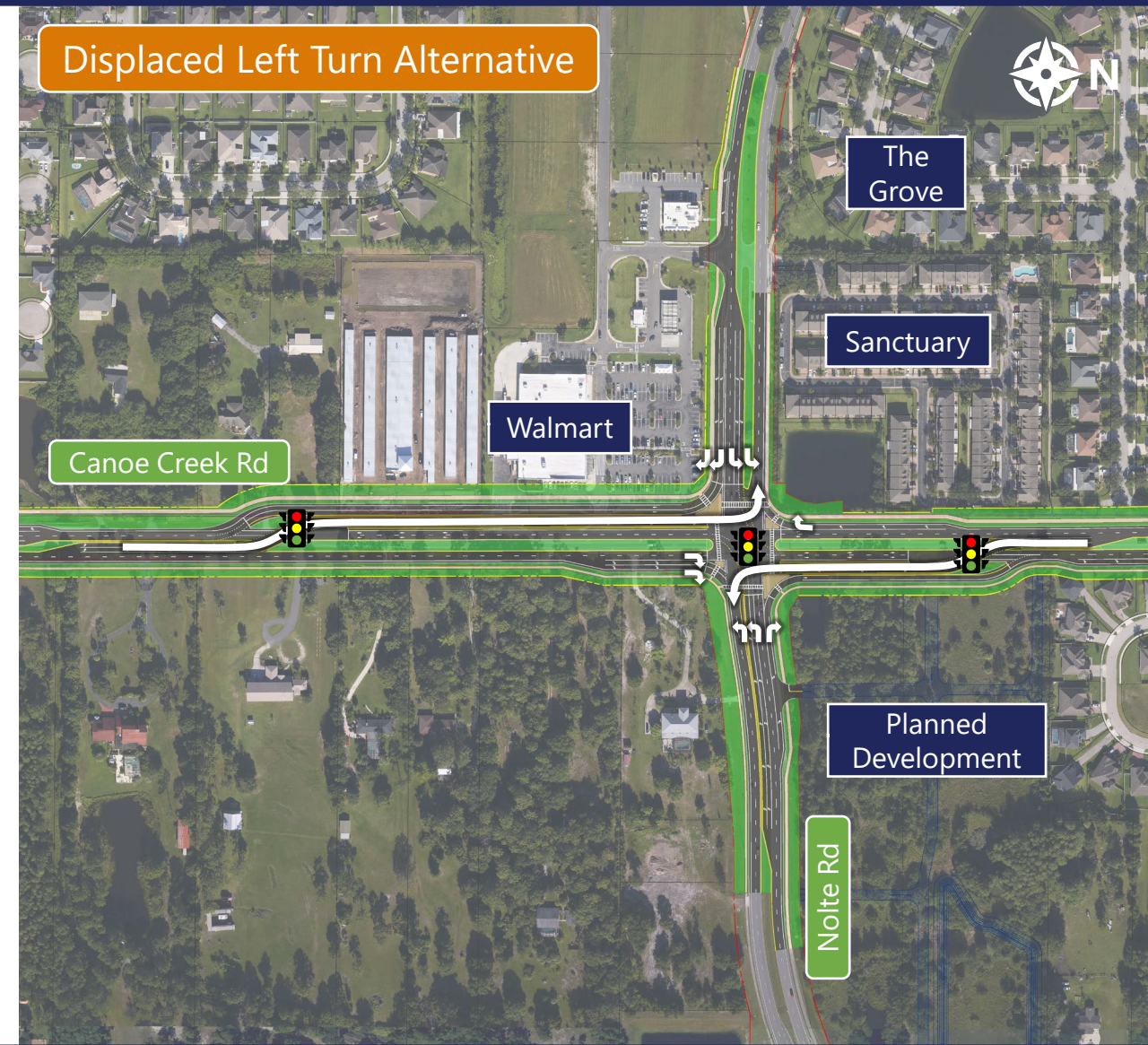
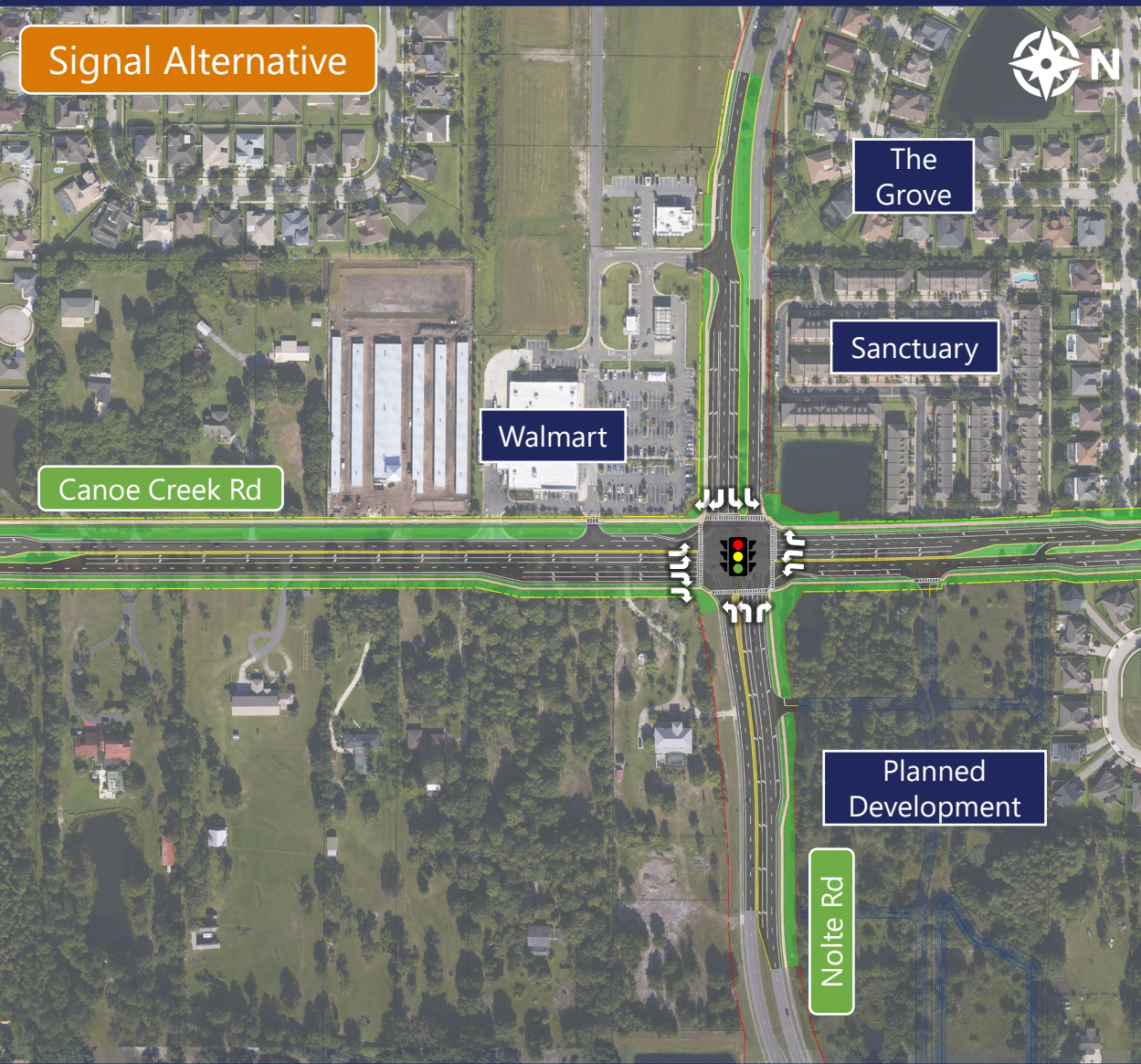
Signal Alternative



Displaced Left Turn Alternative



Nolte Road Alternatives



Evaluation Matrix - Intersections



	Old Canoe Creek Road Intersection Alternatives			Nolte Road Intersection Alternatives		
	Signalized Intersection	Displaced Left Turn	No-Build	Signalized Intersection	Displaced Left Turn	No-Build
Total Parcels Impacted	59	66	0	44	57	0
Total Acres Impacted	3.0	4.7	0	4.6	6.4	0
Total Relocations	3	10	0	2	7	0
Potential NRHP¹-eligible Impacts	0	0	0	0	0	0
Utility Impacts	Moderate	High	None	Moderate	High	None
Wetland and Surface Water Impacts (acres)	0.2	0.2	0	0.9	0.9	0
Floodplain Impacts (acres)	2.8	2.8	0	4.0	4.0	0
Contamination Sites	6	6	6	1	1	1
Estimated Construction Cost (\$ million)	\$17.3	\$19.0	\$0	\$21.9	\$23.9	\$0

¹National Register of Historic Places

Evaluation Matrix - Intersections



	Segment 1: Deer Run Road to Pine Street Alternatives		Segment 2: Pine Street to US 192 Alternatives		
	Build	No-Build	Hold West	Hold East	No-Build
Total Parcels Impacted	100	0	46	46	0
Total Acres Impacted	17.1	0	2.4	2.4	0
Total Relocations	4	0	27	25	0
Potential NRHP¹-eligible Impacts	0	0	0	0	0
Utility Impacts	Minor	None	Minor	Minor	None
Wetland and Surface Water Impacts (acres)	1.6	0	0.0	0.0	0
Floodplain Impacts (acres)	3.6	0	0.0	0.0	0
Contamination Sites	7	7	3	3	3
Estimated Construction Cost (\$ million)	\$63.2	\$0	\$10.5	\$10.5	\$0

¹National Register of Historic Places

Right of Way Acquisition

- Final Right of Way will be determined during the Design Phase
- Right of way phase is not currently funded
- For questions about the right of way process, contact the Project Manager, Stephanie Underwood at Stephanie.Underwood@Osceola.org





Citizen Action Center

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Transportation Projects List

Project Details

Project Documents

Project Schedule

Public Meetings

Canoe Creek Road Project Contact

Email
Stephanie.Underwood@osceola.org

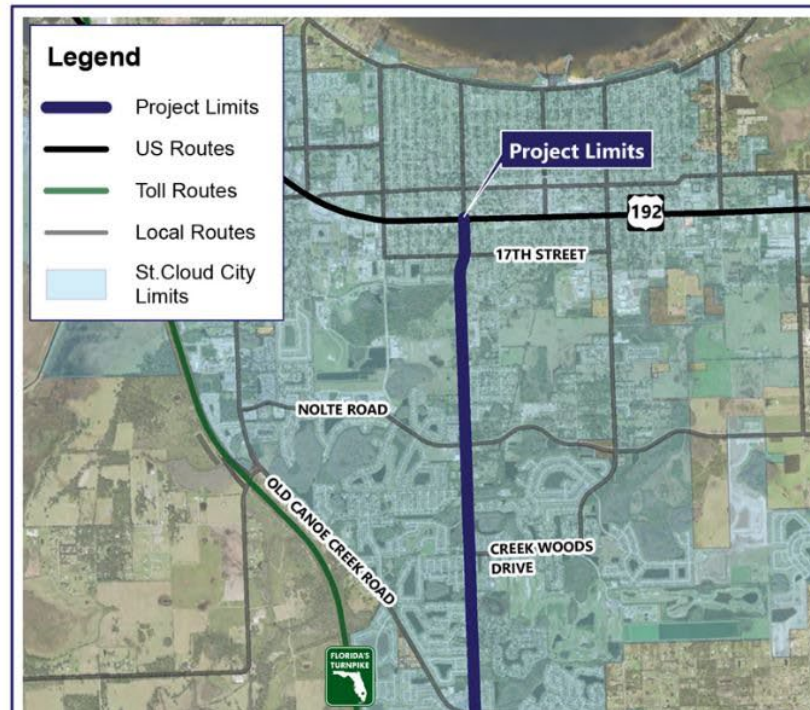
Phone
407-742-0565

Address
1 Courthouse Square,
Suite 3100
Kissimmee, FL 34741

Contact Us

Canoe Creek Road Improvements

PROJECT DETAILS



www.osceola.org/go/canoecreekroad

Your input matters

- In-Person:
 - Submit a comment form
- Virtually:
 - GoToWebinar: Type your question/comment in the Question box
- By US Mail to the Project Manager
- Email the Project Manager

Please submit your comments and questions by **July 28, 2023**



Project Website
www.osceola.org/go/canoecreekroad

Project Manager Contact Information

Stephanie Underwood, P.E.
Osceola County Project Manager
Department of Transit and Transportation
1 Courthouse Square, Suite 3100
Kissimmee, FL 34741
Stephanie.Underwood@Osceola.org

Study Schedule

Tentative – Subject to change

Project Milestones	2022		2023				2024			
	April June	July September	October December	January March	April June	July September	October December	January March	April June	July September
Begin Study	★									
Data Collection	█									
Traffic Forecasting and Analysis		█								
Develop Improvement Alternatives			█							
Conduct Alternatives Open House						★				
Select and Refine Preferred Alternative						█				
Prepare Documents							█			
Conduct Public Hearing									★	
Project Approval										★
Stakeholder Engagement	█									

Tonight's Alternatives Public Meeting



Thank you for participating

Please submit comments and questions to Stephanie Underwood
by **July 28, 2023**

Stephanie.Underwood@Osceola.org



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