



**Old Lake Wilson Road
Project Development and Environment
(PD&E) Study**

From County Road 532 to Sinclair Road

Osceola County, FL

Financial Project Identification (FPID) Number 448781-1

What is a PD&E Study?



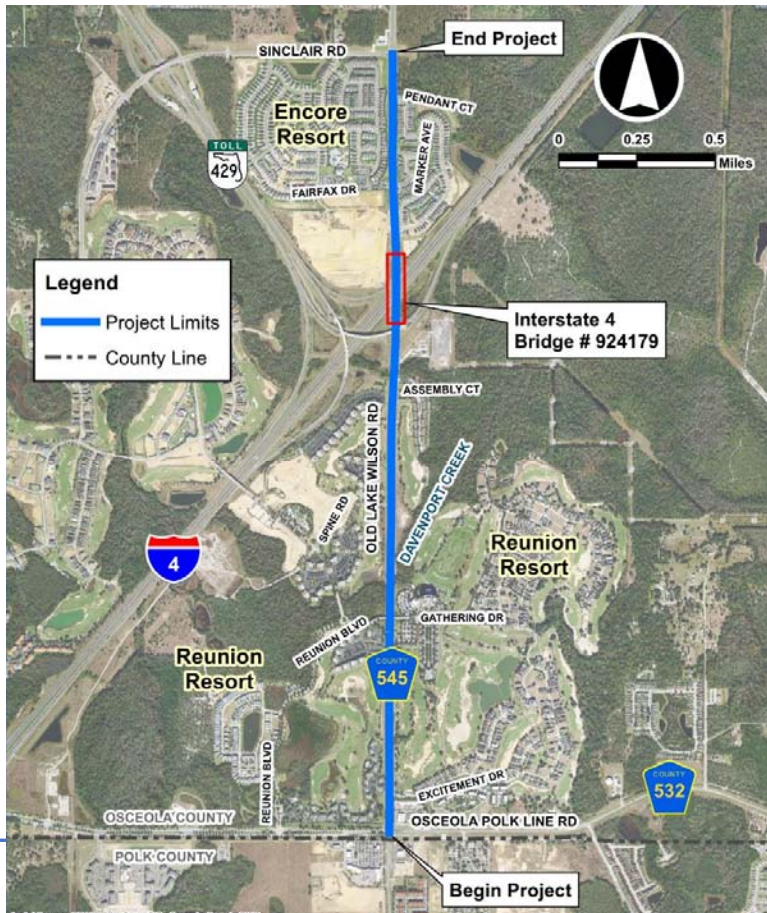
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COUNTY be first
to what's next.

- FDOT's process to adhere to the National Environmental Policy Act of 1969 (NEPA)
- Agencies receiving federal funds must consider a project's impacts on the surrounding environment
- Blending of engineering evaluations, environmental studies and public involvement
- This study is focused on capacity and safety improvements and the addition of pedestrian and bicyclist facilities
- A PD&E study is the 2nd step in the transportation development process



Old Lake Wilson Road PD&E Study (FPID Number: 448781-1)

Project Information



- Project limits
 - County Road 532 to Sinclair Road
 - Approximately 2-1/2 miles
- Evaluate the widening of existing two-lane road to a four-lane divided roadway
- Adding features for pedestrians and bicyclists

Old Lake Wilson Road PD&E Study (FPID Number: 448781-1)

Why is the Project Needed?



- Existing 2-lane road will become a constraining point between the designed 4-lane widening to the south and the existing 4-lane roadway to the north
- Level of Service “F”
- Average daily traffic volumes exceeding 30,000 vehicles per day by the year 2050
- Gap in bicycle and pedestrian features
- Overall safety improvements



Existing Conditions

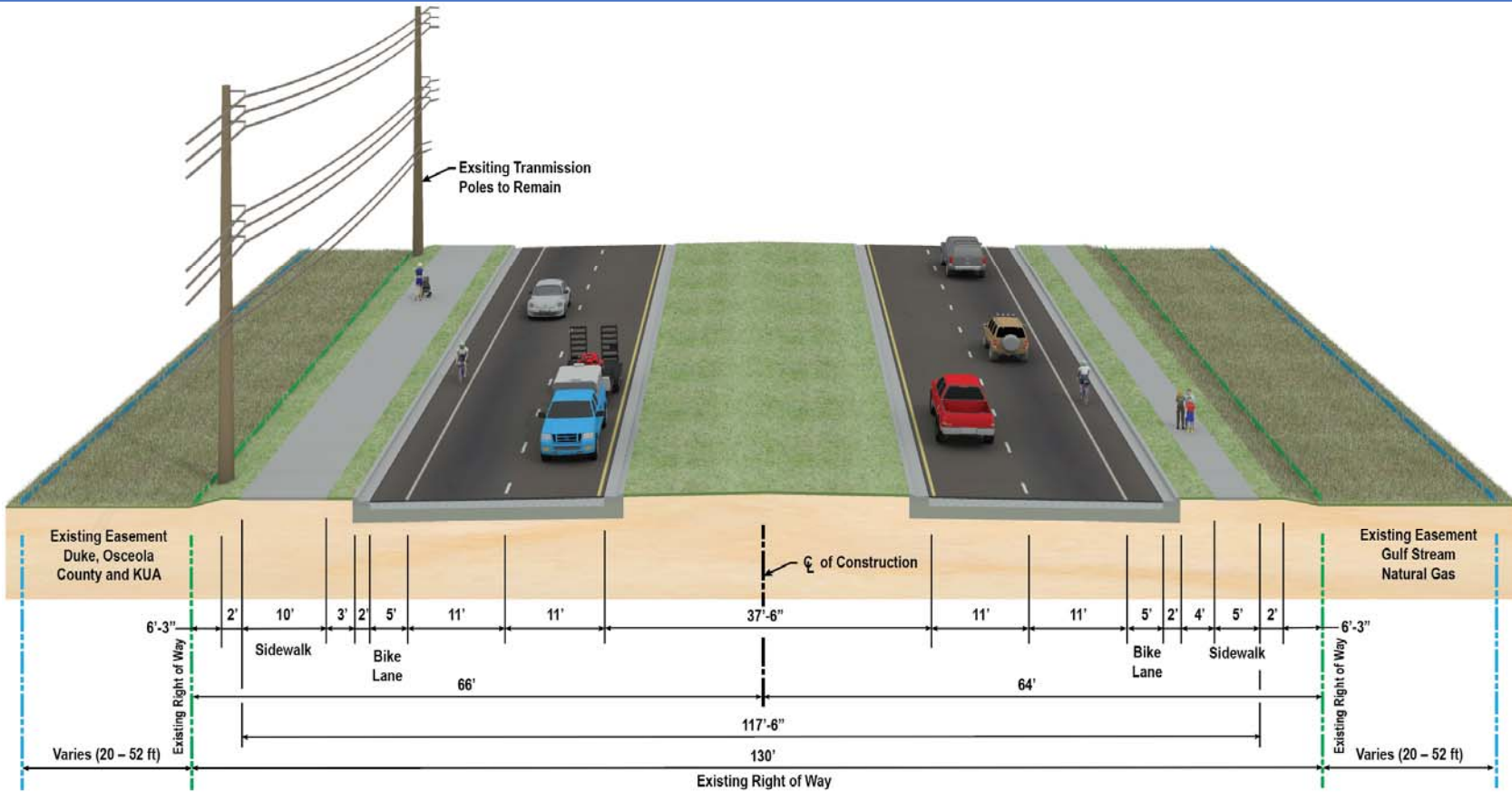


- Two-lane undivided rural roadway
- Two 12-foot travel lanes
- Unpaved shoulders
- Signals at CR532 and Sinclair Road
- Other Intersections
 - Excitement Drive
 - Spine Road
 - Assembly Court
 - Fairfax Drive/Marker Avenue
 - Pendant Court
- Three bridges

Alternative 1 | Typical Section



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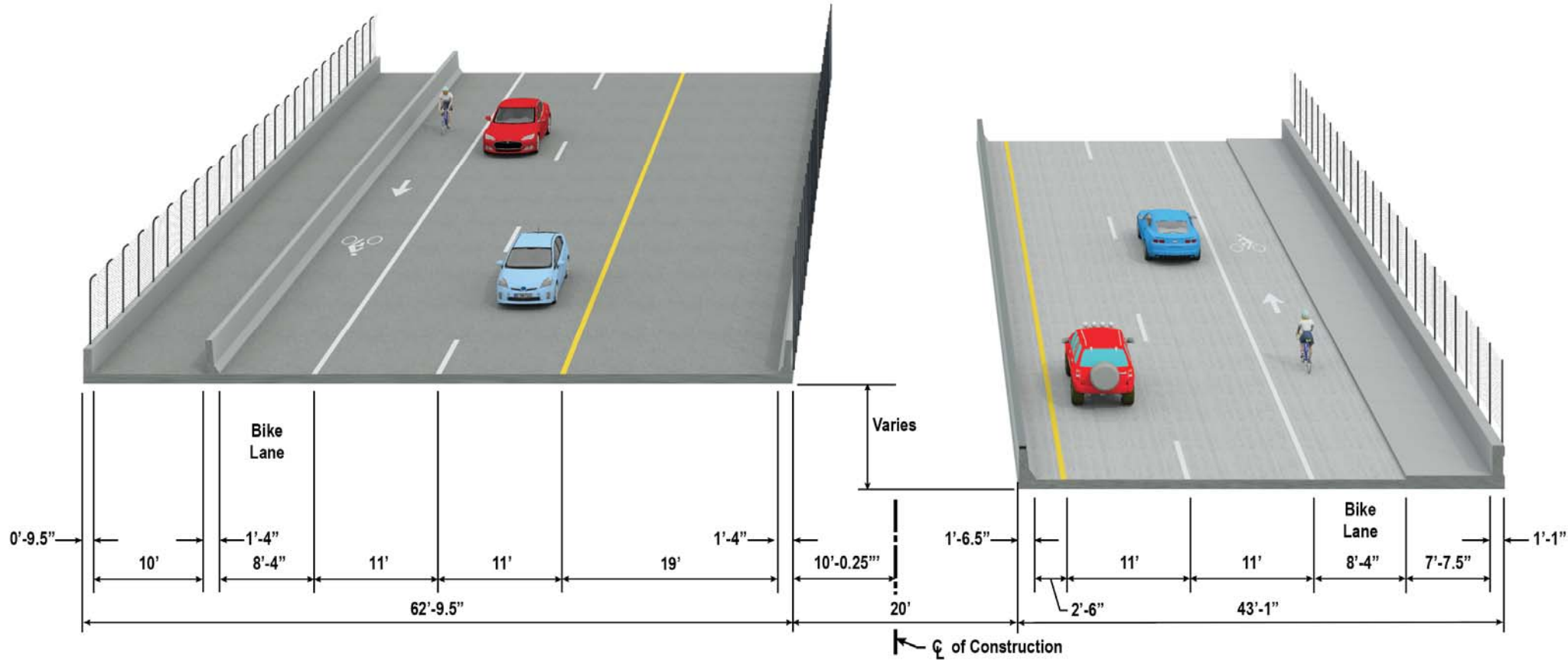
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Alternative 1

Interstate 4 Bridge Typical Section



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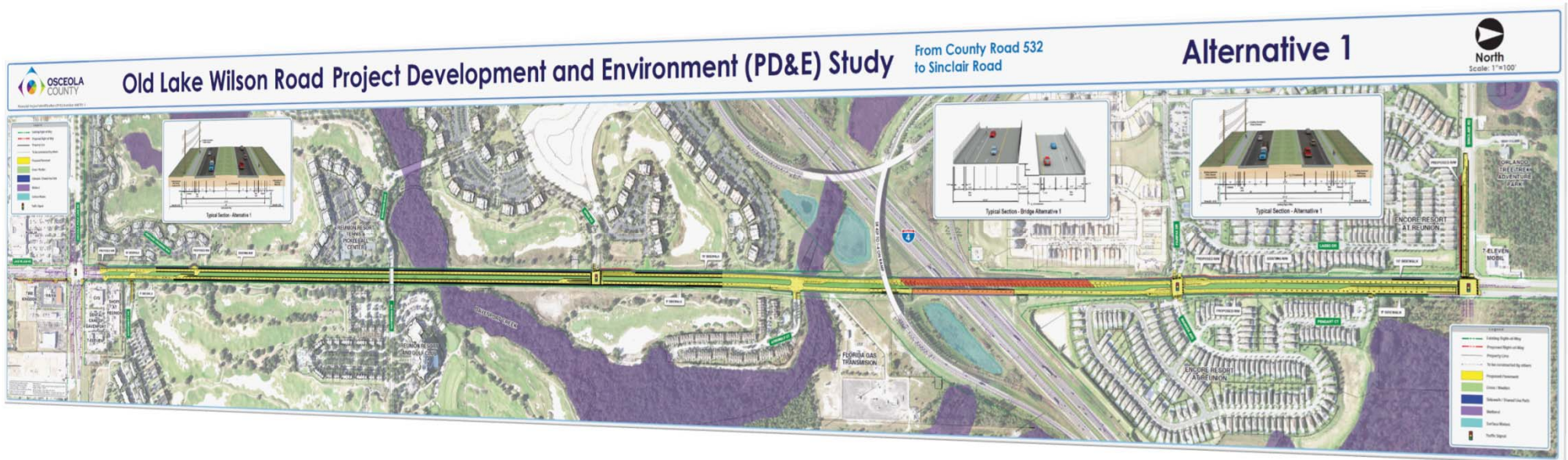


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Alternative 1 | Alignment

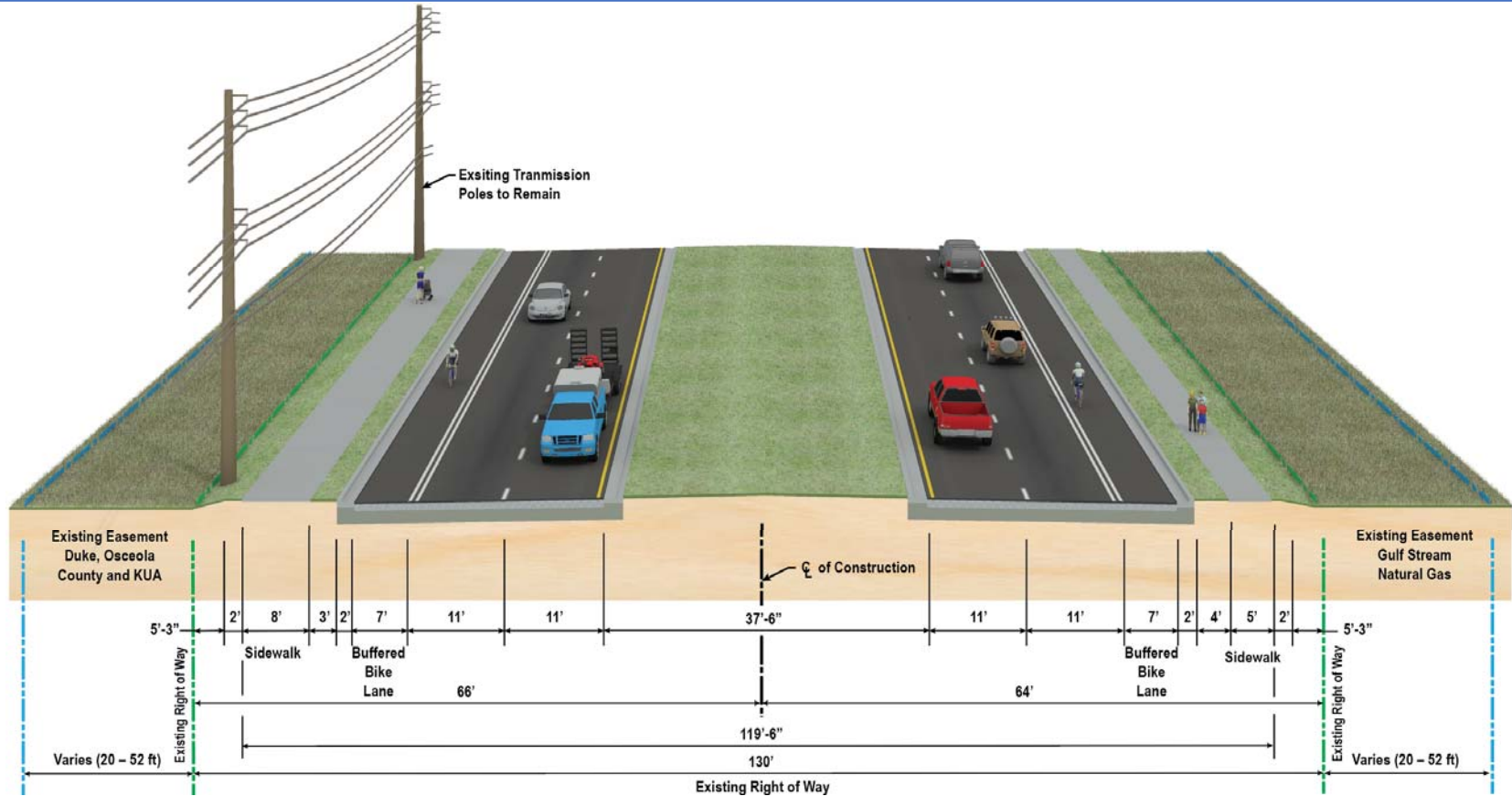


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Alternative 2 | Typical Section



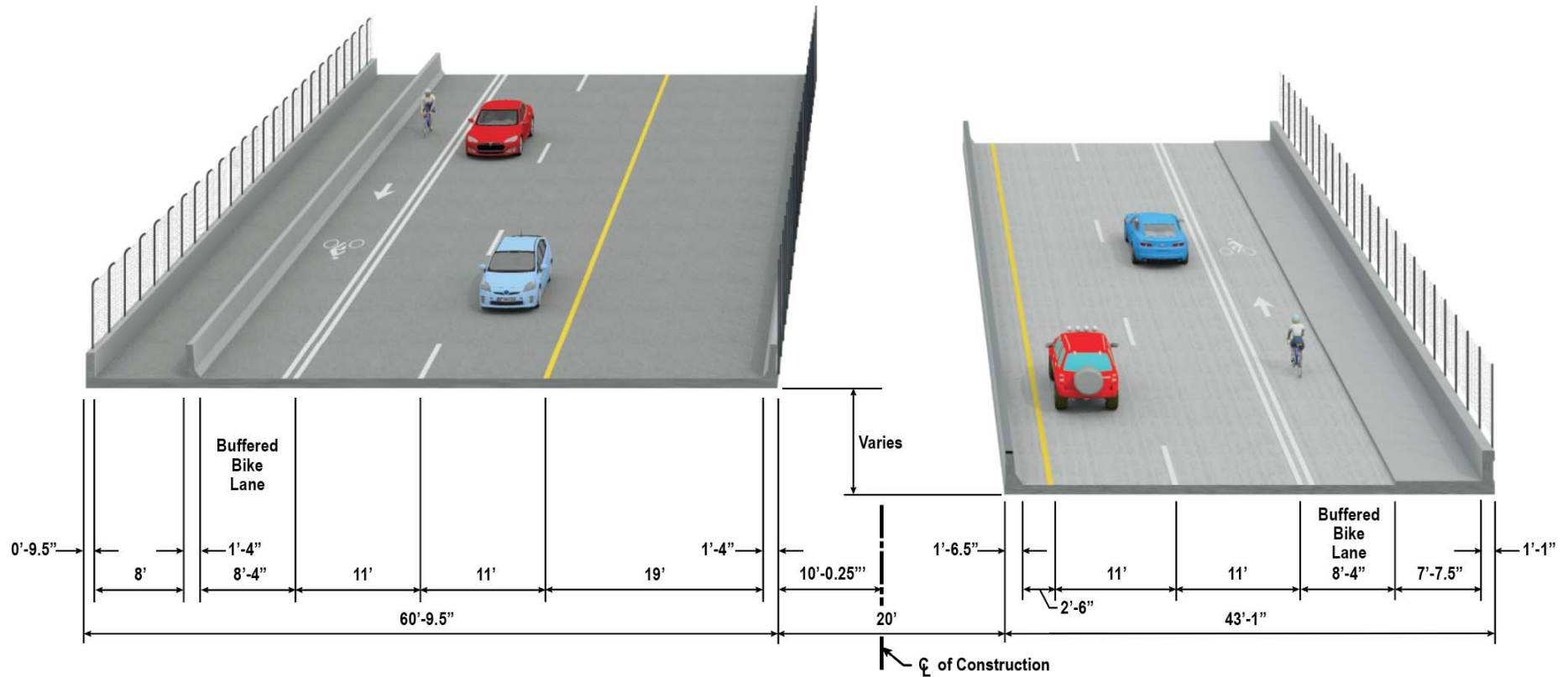
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Alternative 2

Interstate 4 Bridge Typical Section



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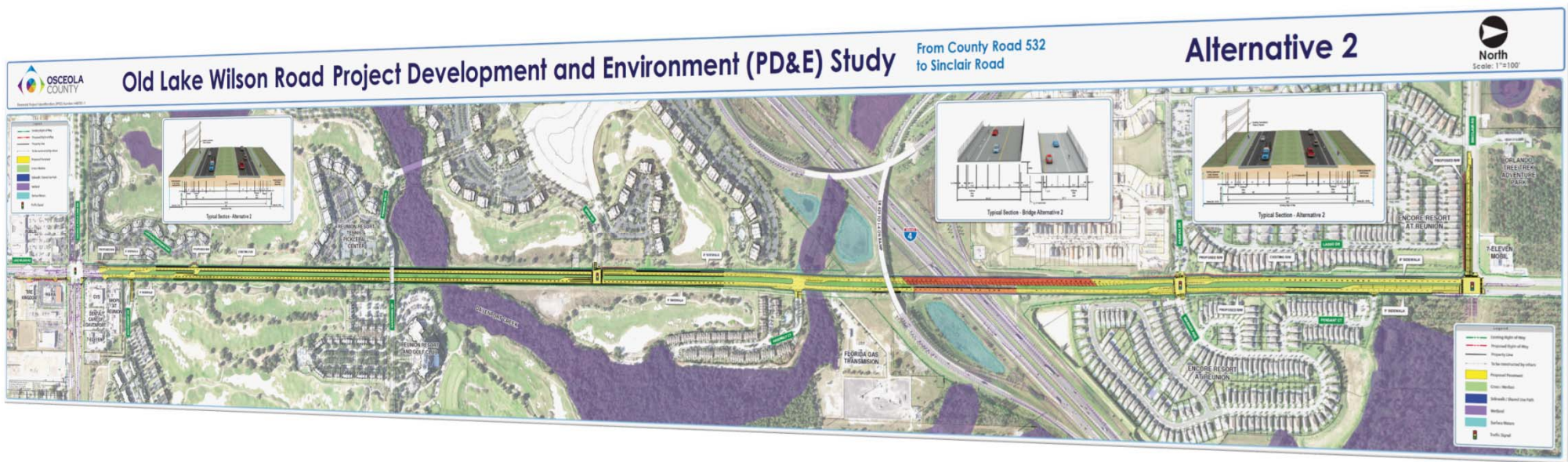
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Alternative 2

Alignment



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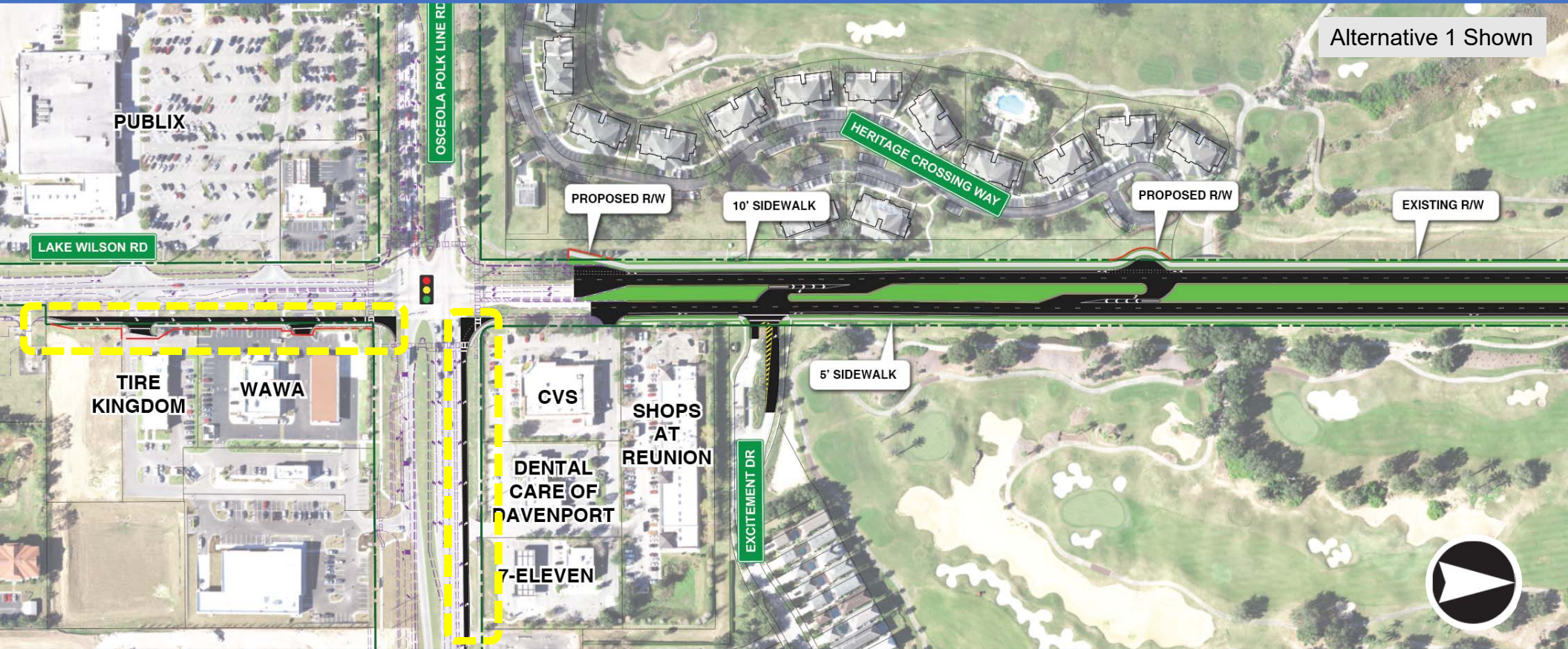
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Intersections

CR 532



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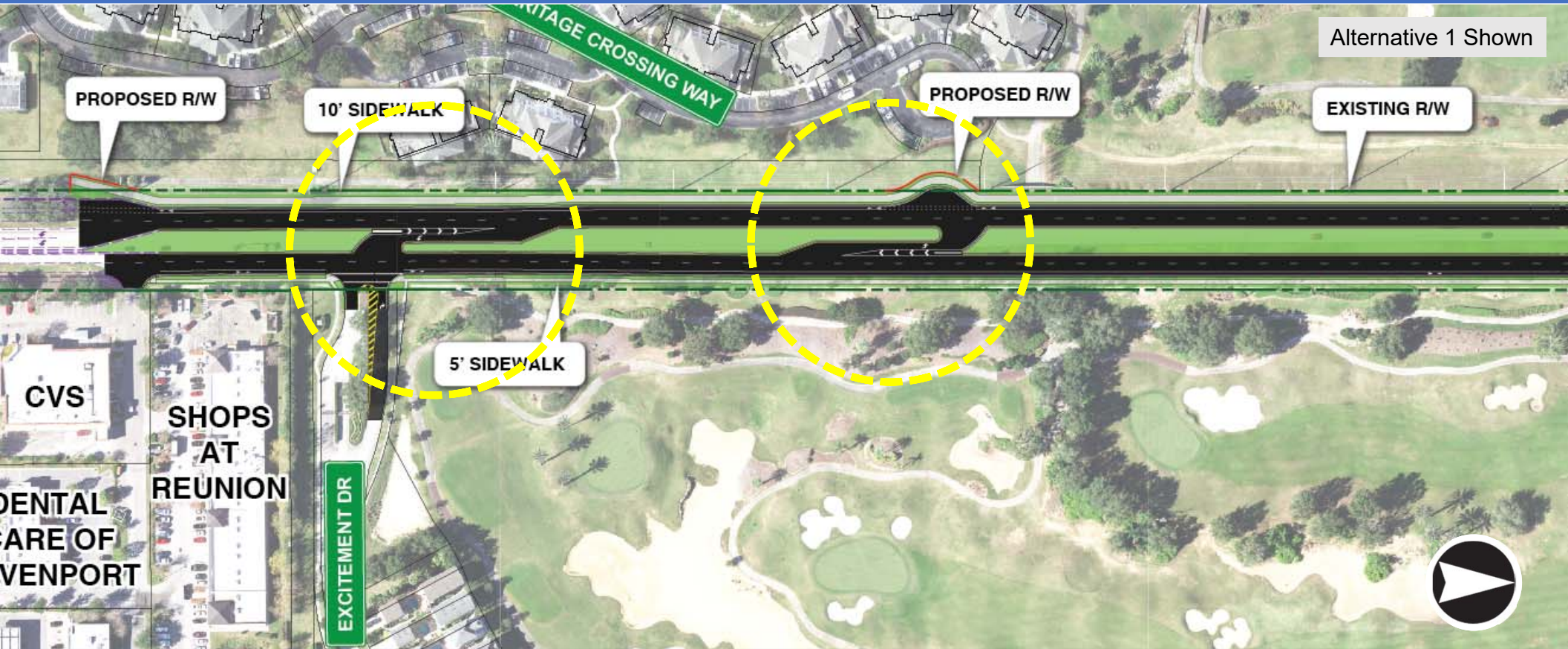
Old Lake Wilson Road PD&E Study (FPID Number: 448781-1)

Intersections

Excitement Drive



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Intersections | Spine Road



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Intersections

Assembly Court



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Old Lake Wilson Road PD&E Study (FPID Number: 448781-1)

Intersections

Marker Avenue/ Fairfax Drive



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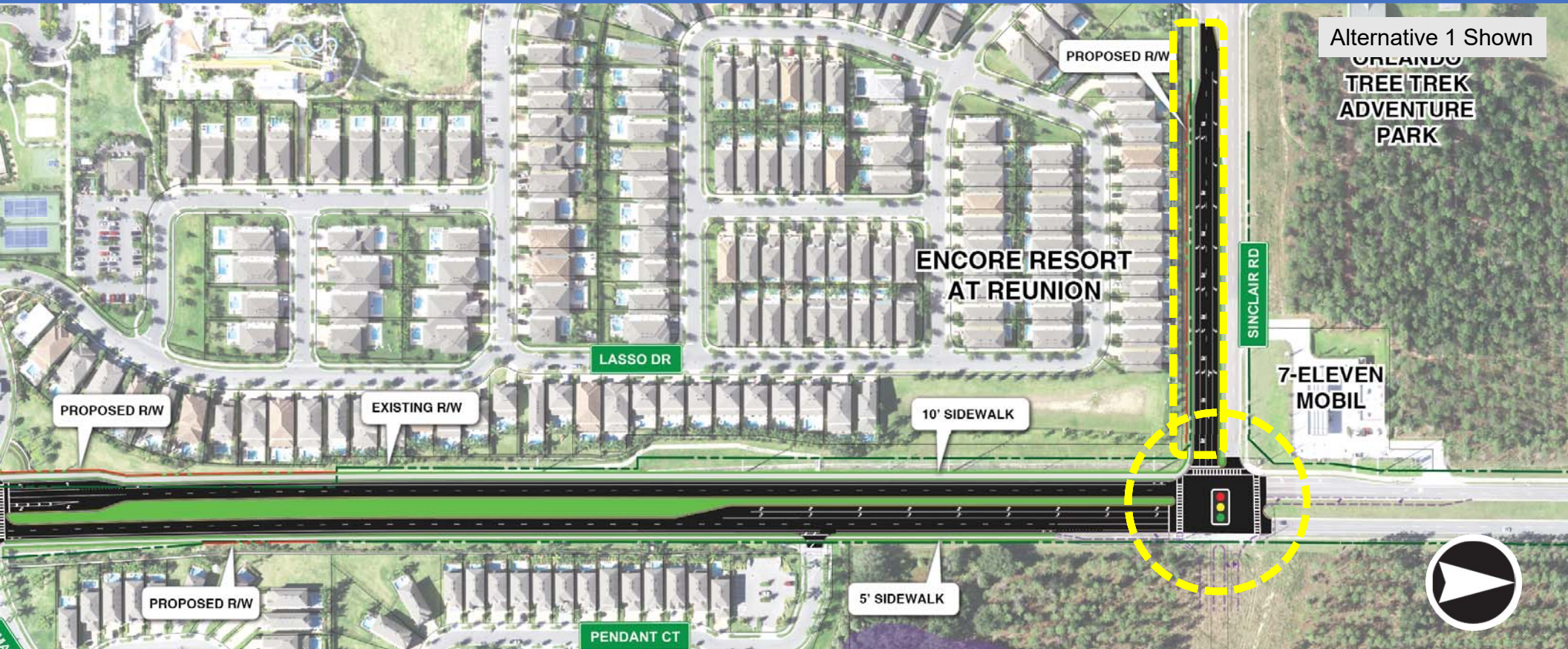
Old Lake Wilson Road PD&E Study (FPID Number: 448781-1)

Intersections

Sinclair Road



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Old Lake Wilson Road PD&E Study (FPID Number: 448781-1)

Drainage & Pond Sites



- Curb and gutter to collect stormwater runoff and pipes to existing ponds
- Reunion pond sites were designed to account for a four-lane Old Lake Wilson Road
- Drainage agreements mean no new stormwater ponds are anticipated to be needed



No-Build Alternative



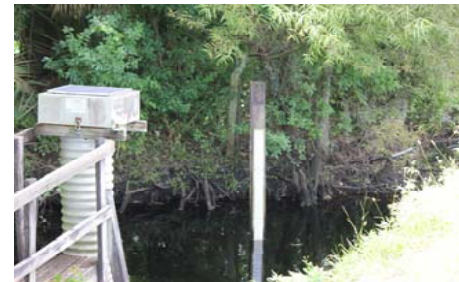
- No improvements would be made
- Only routine maintenance
- Viable option throughout the duration of the study



Environmental Effects



- Wetlands
- Floodplains
- Threatened and Endangered Species
- Water quality
- Hazardous materials
- Recreational sites
- Noise
- Air quality
- Historic structures
- Archaeological sites





Alternatives Evaluation



Old Lake Wilson Road PD&E Study Evaluation Matrix

From County Road 532 to Sinclair Road

Segment	No Build	Alternative 1	Alternative 2
Description			
Property Impacts			
Parcels Impacted	0	8	8
Residential Relocations	0	0	0
Business Relocations	0	0	0
Natural, Environmental & Physical Impacts			
Potential Species Impacts	None	Low	Low
Potential Contamination Sites (Medium/High)	None	7 / 0	7 / 0
Wetland Impacts (ac)	None	0.57	0.58
Floodplain Impacts (ac)	None	0	0
Potential Impacts to Cultural Resources	None	Moderate	Moderate
Potential Noise Impacts	None	103 residences / 10 recreational areas	103 residences / 10 recreational areas
Estimated Costs in Millions (Present Day Costs)			
Design	No Cost	\$8,287,000	\$8,222,000
Non-Reimbursable Utility Relocation	No Cost	\$7,876,000	\$7,876,000
Wetland Mitigation	No Cost	\$86,000	\$88,000
Roadway Construction	No Cost	\$55,248,300	\$54,812,900
Construction Engineering & Inspection	No Cost	\$5,525,000	\$5,481,000
Total Cost*	No Cost	\$69,146,000	\$68,604,000

* - Estimated right-of-way costs not included

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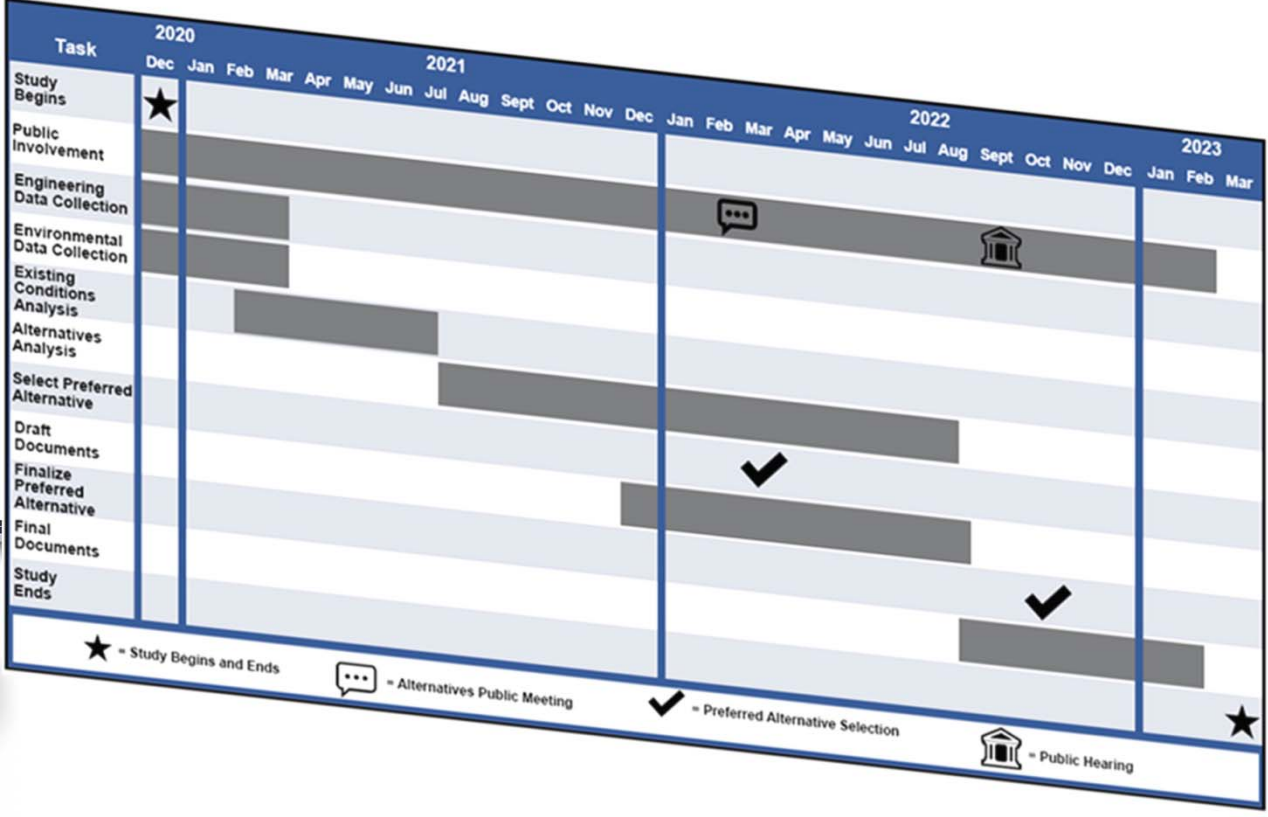
Project Funding



Phase	Fiscal Year
Design	Not Funded
Right-of-way	Not Funded
Construction	Not Funded

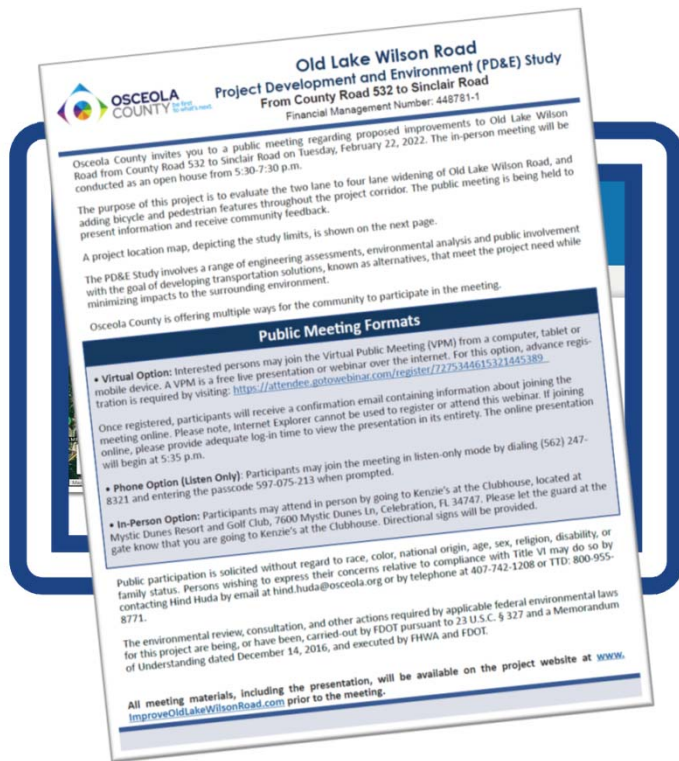
8-10 Year Process Depending on the Availability of Funding

Study Schedule



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Stay Informed



- Project website:
improveoldlakewilsonroad.com
- You will find:
 - Presentation
 - Display boards
 - Schedule
 - Other project information

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Questions



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