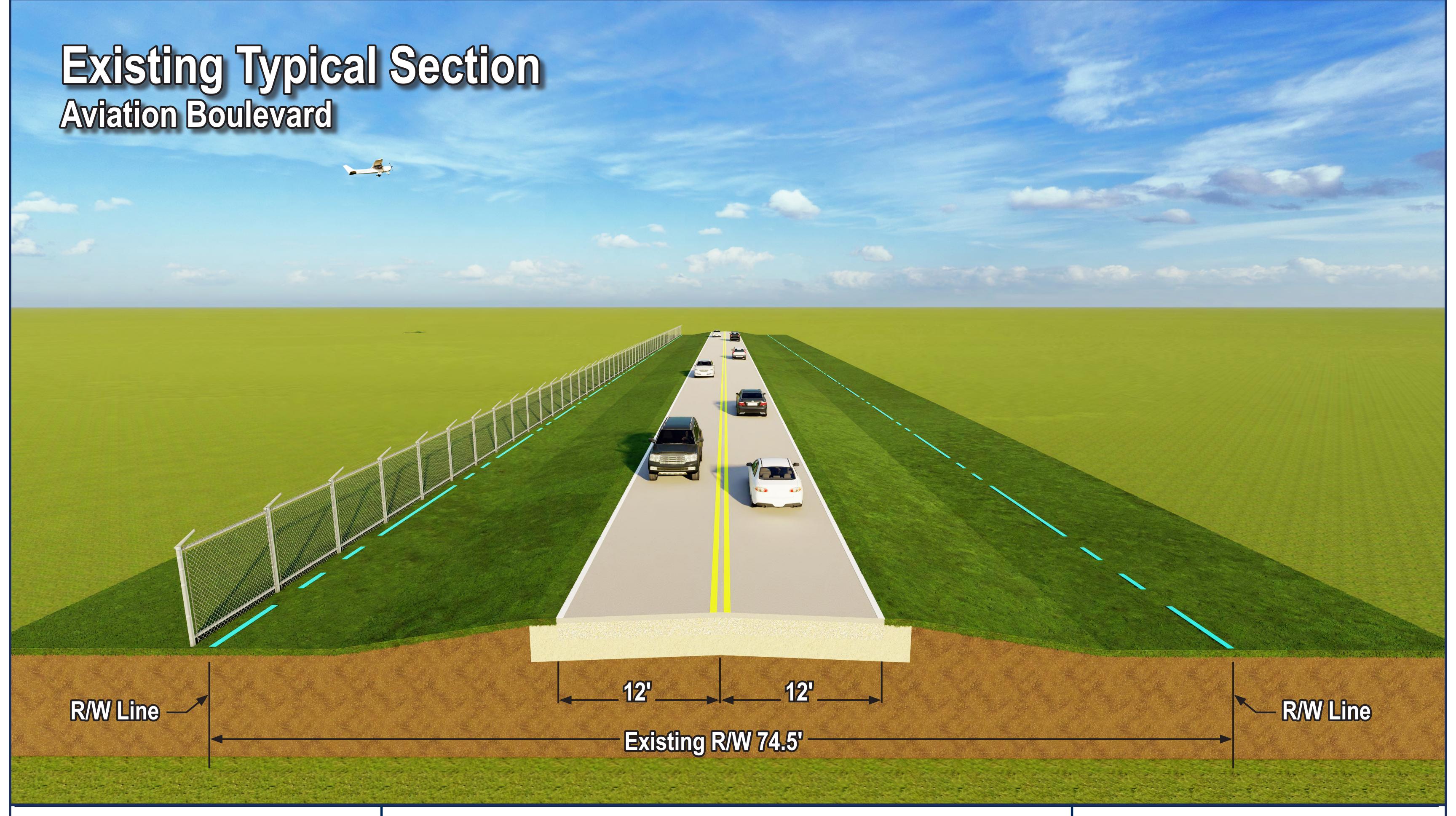
Comparison Element	No Build or No Action Alternative	Alternative 1 Conventional	Alternative 2 One-Way Pair	Alternative 7 Displaced Left Turn	Alternative 8 Median U-Turn & Roundabout
Meets Purpose and Need	INO	Yes	Yes	Yes	Yes
Safety: Reduction in Crashes	No	72%	72%	64%	80%
Level of Service Year 2045	LOS F (AM/PM)	LOS D (AM/PM)	LOS D (AM/PM)	LOS D (AM) LOS C (PM)	LOS D (AM) LOS C (PM)
Mobility: Transit, Bicycle, Pedestrian	No bicycle lanes. No improvement for pedestrians or transit access.	Shared use path for bicyclists and pedestrians. Bus bay provided for transit.	Shared use path for bicyclists and pedestrians. No bus bay provided southbound.	Shared use path for bicyclists and pedestrians. Does not provide for transit stops on southbound US 1.	Shared use path for bicyclist and pedestrians. Bus bay provided for transit.
Environment	No stormwater treatment	Stormwater quality improvements	Stormwater quality improvements	Stormwater quality improvements	Stormwater quality improvements
Right of Way Impacts	None	27 parcels Relocations: 4 Business (0) Residential	42 parcels Relocations: 4 Business 2 Residential	29 parcels Relocations: 5 Business 2 Residential	35 parcels Relocations: 5 Business 6 Residential
Total Cost (Engineering, R/W, Construction)	Maintenance cost only	\$37,569,000	\$39,832,000	\$39,810,000	\$45,776,000

Preferred Alternative
Alternative Evaluation
Matrix

State Road (SR) 5/US 1 at Aviation Boulevard

Project Development and Environment (PD&E) Study Indian River County, Florida Financial Project ID: 441693-1-22-02 Efficient Transportation Decision Making (ETDM) Number: 14475



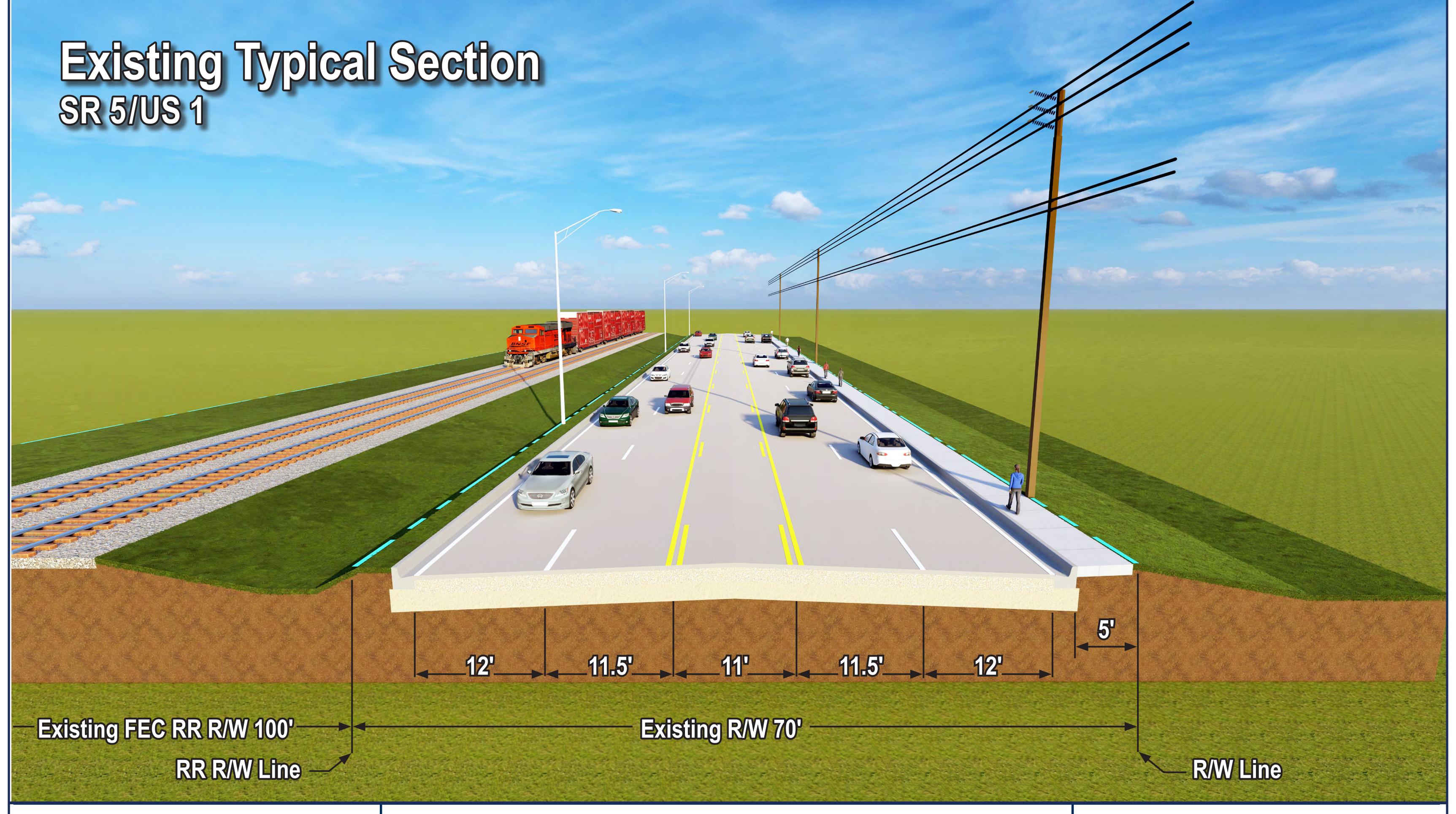




State Road (SR) 5/US 1 at Aviation Boulevard

Project Development and Environment (PD&E) Study
Indian River County, Florida

Financial Project ID: 441693-1-22-02 Efficient Transportation Decision Making (ETDM) Number: 14475 Public Hearing





State Road (SR) 5/US 1 at Aviation Boulevard

Project Development and Environment (PD&E) Study Indian River County, Florida Financial Project ID: 441693-1-22-02

Efficient Transportation Decision Making (ETDM) Number: 14475

Public Hearing



441693-1 Existing Conditions

SR 5 at Aviation Boulevard



State Road (SR) 5/US 1 at Aviation Boulevard

Project Development and Environment (PD&E) Study
Indian River County, Florida
Financial Project ID: 441693-1-22-02
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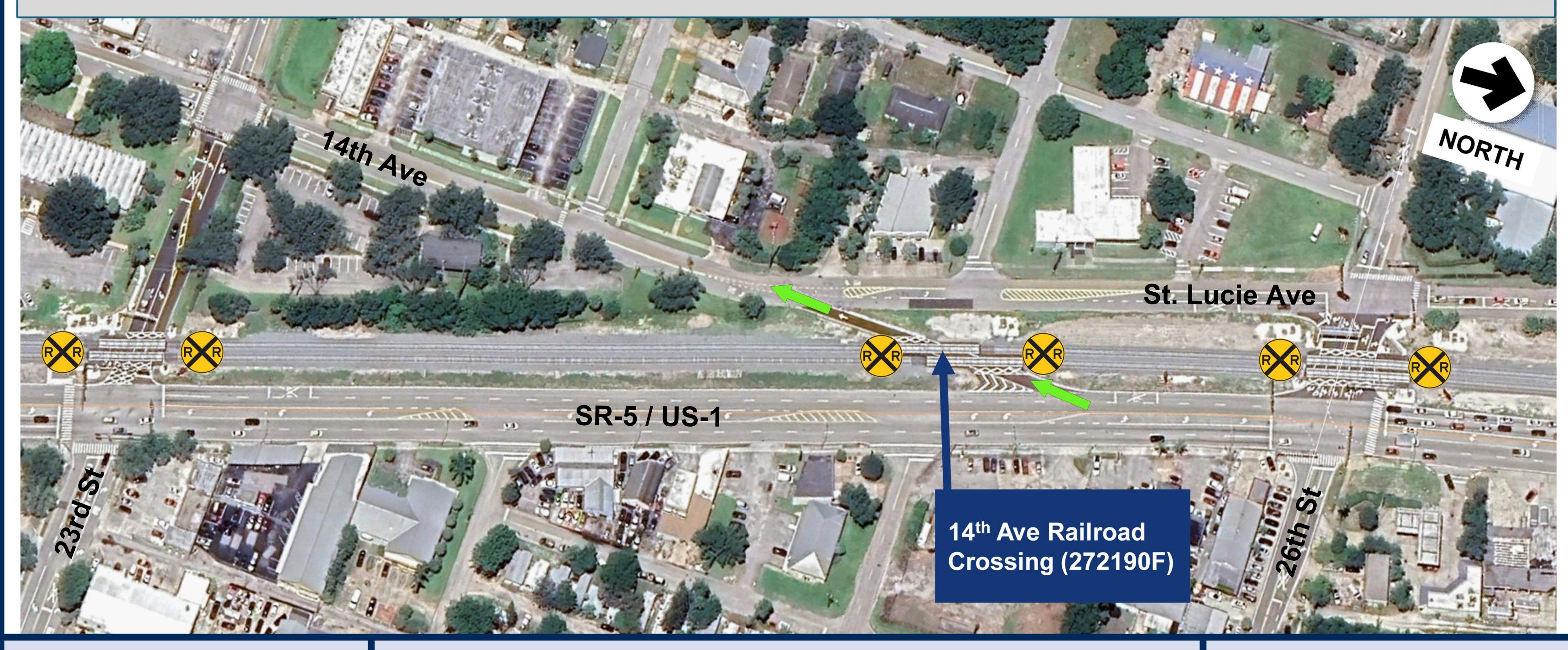
Public Hearing

June 18th and 20th, 2024

14th Avenue Railroad Crossing (272190F)

14th Avenue crossing being evaluated for closure

- Existing crossing is a single southbound lane across the tracks.
- Being considered as a railroad safety measure to reduce train collisions with motorists, bikes and pedestrians.
- Coordination with the public, City of Vero Beach, and FEC RR will continue.



14th Avenue Railroad Crossing State Road (SR) 5/US 1 at Aviation Boulevard

Project Development and Environment (PD&E) Study Indian River County, Florida Financial Project ID: 441693-1-22-02 Efficient Transportation Decision Making (ETDM) Number: 14475



Public Hearing



Federal-State Partnership

The environmental review, consultation and other actions required by applicable federal environmental laws for these projects are being, or have been, carried out by the 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.



Title VI

The Florida Department of Transportation is required to comply with various non-discrimination laws and regulations, including Title VI of the Civil Rights Act of 1964.

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

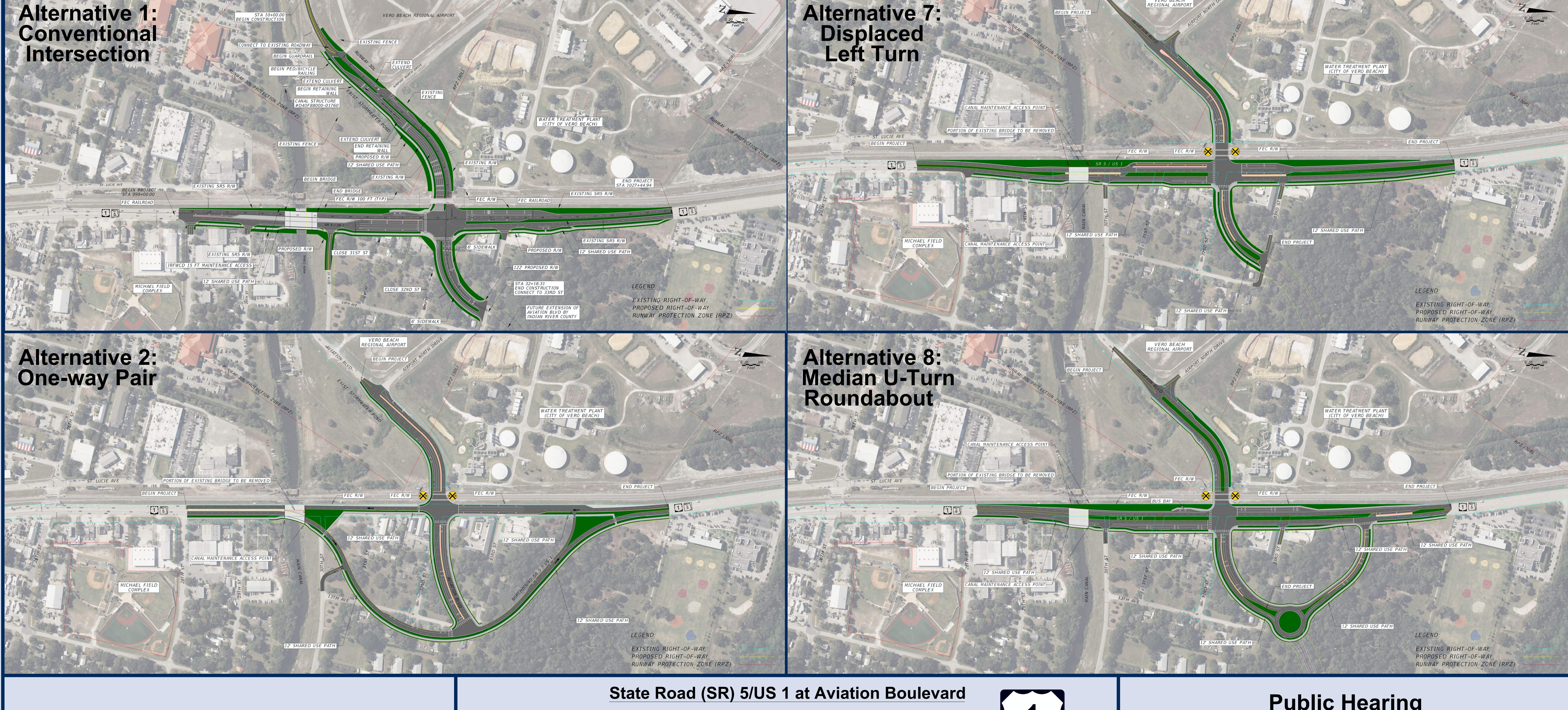
Persons wishing to express their concerns about Title VI may do so by contacting either:

Sharon Singh Hagyan

District Four Title VI Coordinator 954-777-4190 Toll free at 866-336-8435, ext. 4190 Sharon.SinghHagyan@dot.state.fl.us 3400 West Commercial Boulevard Fort Lauderdale, Florida 33309-3421

Stefan Kulakowski

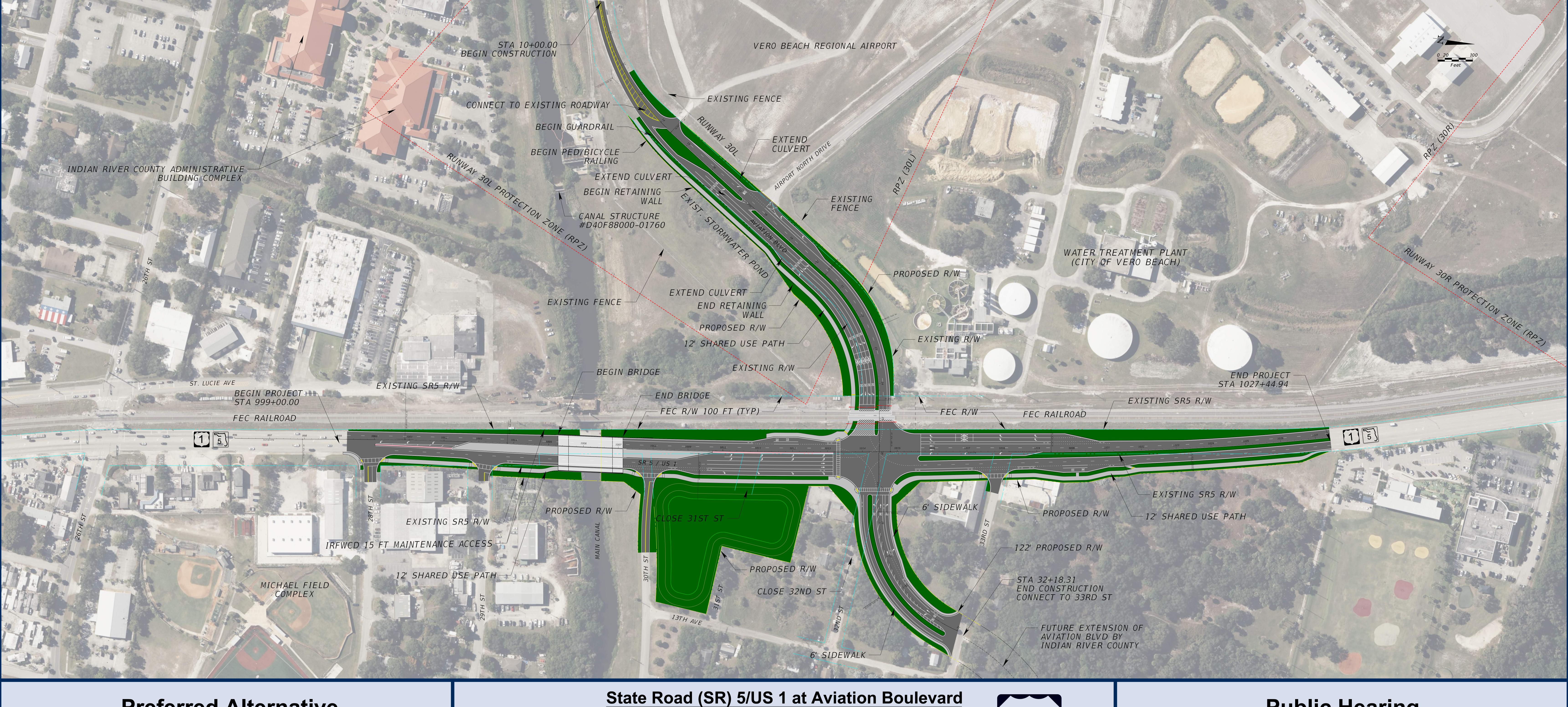
State Title VI Coordinator 850-414-4742 Stefan.Kulakowski@dot.state.fl.us 605 Suwannee Street, MS 65 Tallahassee, Florida 32399-0450



Alternatives Considered

Project Development and Environment (PD&E) Study
Indian River County, Florida
Financial Project ID: 441693-1-22-02
Efficient Transportation Decision Making (ETDM) Number: 14475



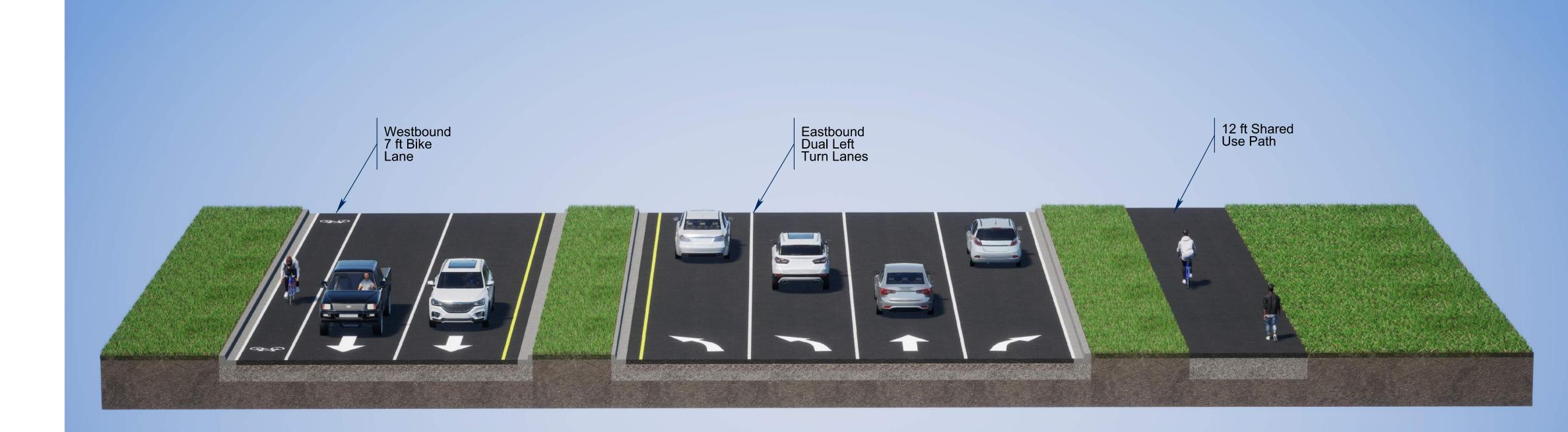


Preferred Alternative (Alternative 1)

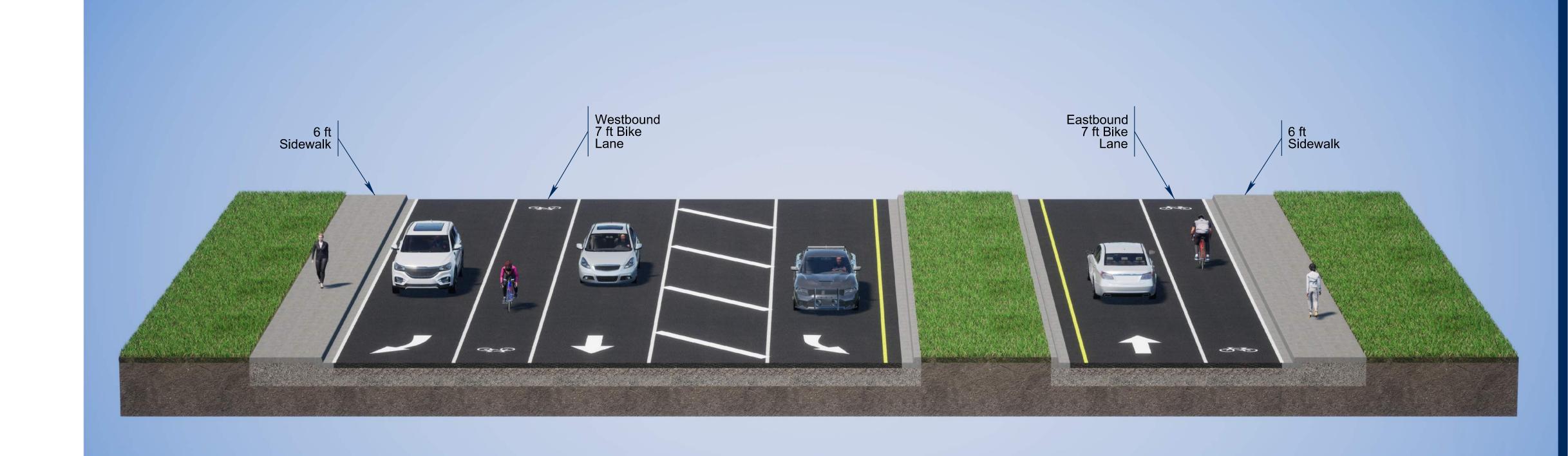
Project Development and Environment (PD&E) Study
Indian River County, Florida
Financial Project ID: 441693-1-22-02
Efficient Transportation Decision Making (ETDM) Number: 14475



Aviation Boulevard West of US-1 (Right of Way 112 - 116 feet)



Aviation Boulevard East of US-1 (Right of Way 122 feet)

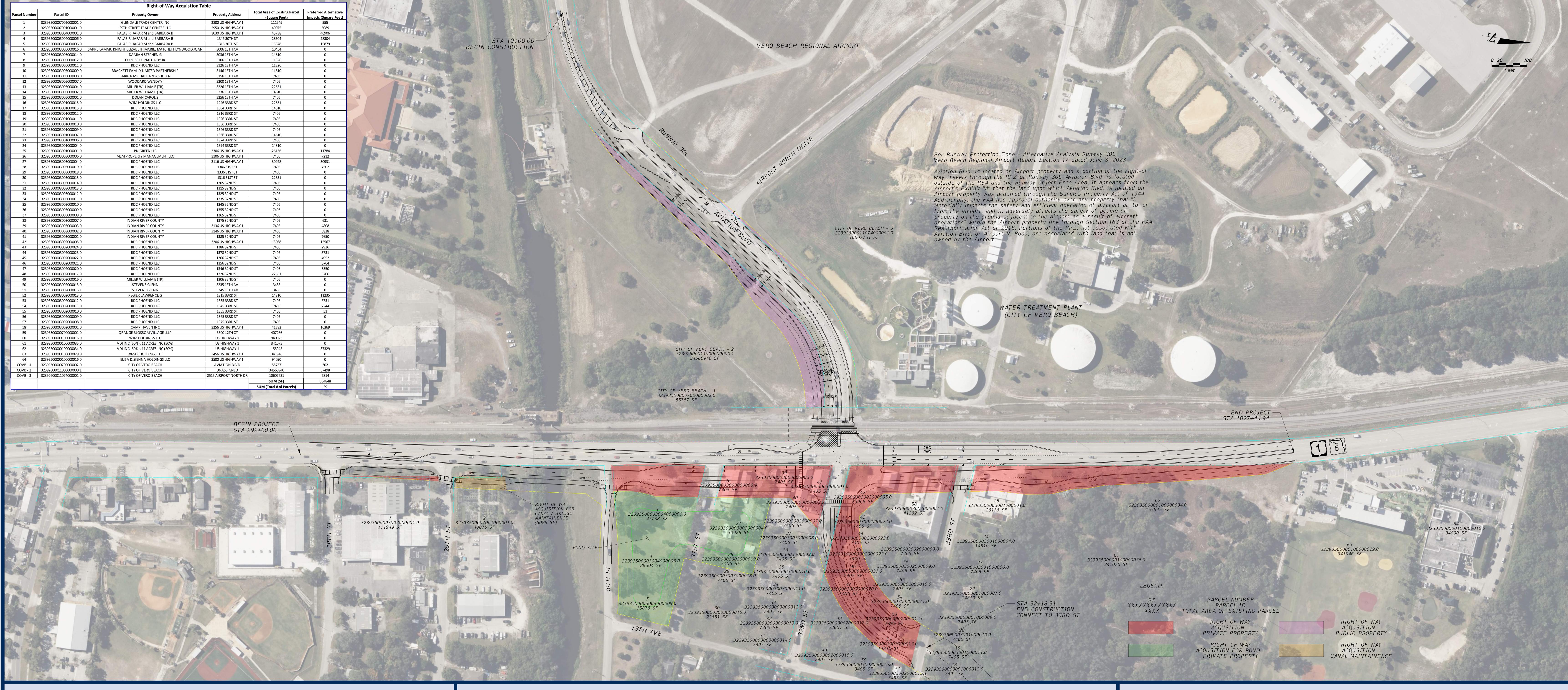


Preferred Alternative

State Road (SR) 5/US 1 at Aviation Boulevard

Project Development and Environment (PD&E) Study
Indian River County, Florida
Financial Project ID: 441693-1-22-02
Efficient Transportation Decision Making (ETDM) Number: 14475





Preferred Alternative
Right of Way Acquisition



State Road (SR) 5/US 1 at Aviation Boulevard

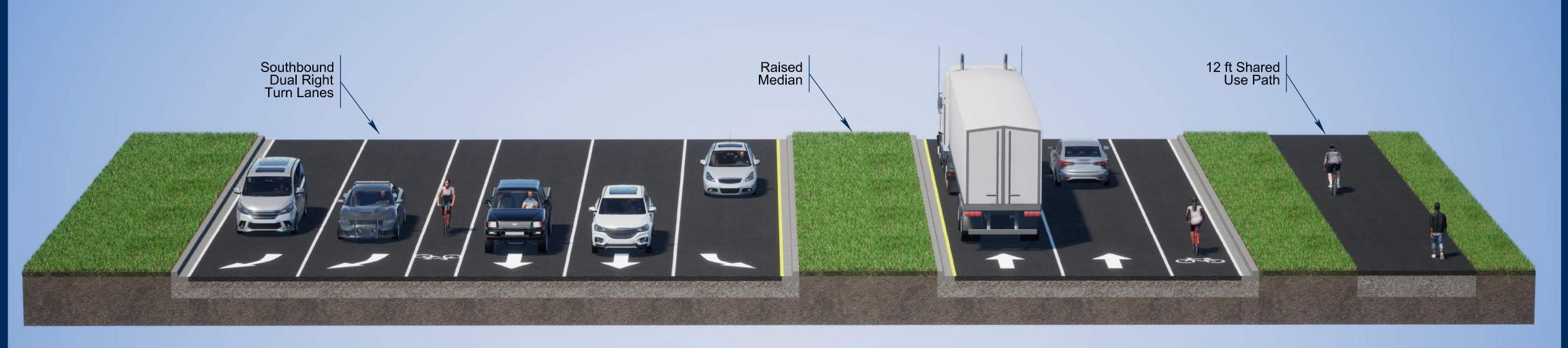
Project Development and Environment (PD&E) Study
Indian River County, Florida
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Public Hearing

US-1 Roadway North of Aviation Boulevard

(Right of Way 104 - 161 feet)



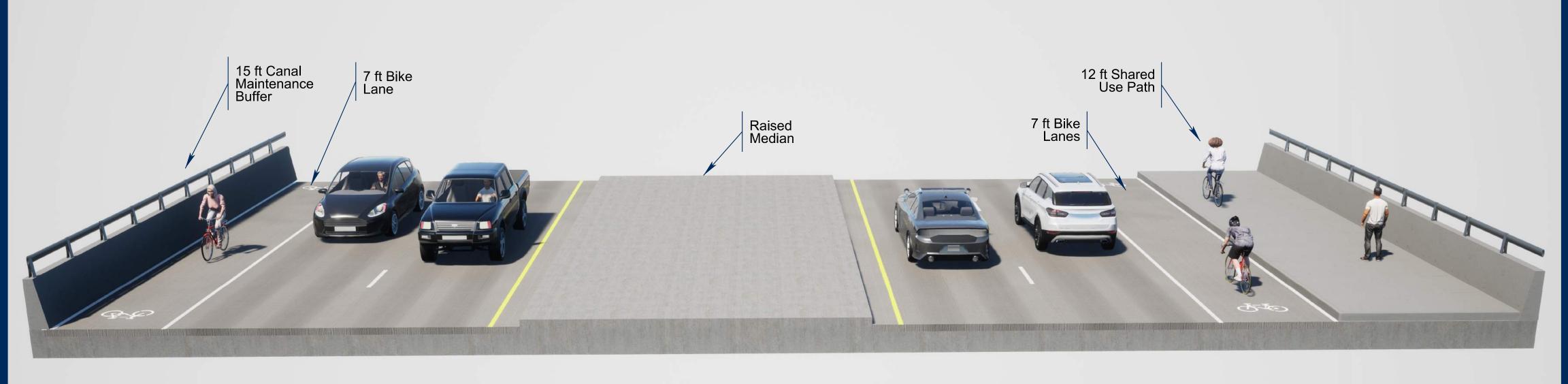
US-1 Roadway South of Aviation Boulevard

(Right of Way 104 - 161 feet)



US-1 Main Canal Bridge (Right of Way 143 feet) Includes a 15 foot wide

maintenance easement on each side of the bridge.



State Road (SR) 5/US 1 at Aviation Boulevard

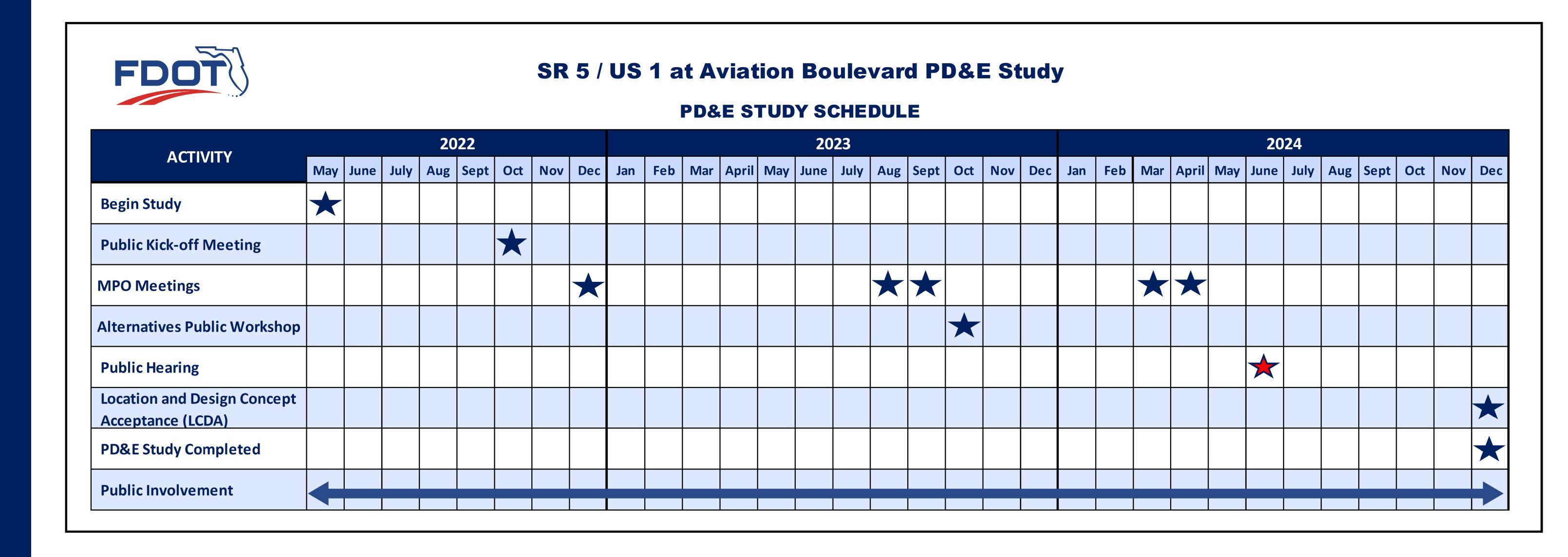
Project Development and Environment (PD&E) Study Indian River County, Florida Financial Project ID: 441693-1-22-02 Efficient Transportation Decision Making (ETDM) Number: 14475



Preferred Alternative



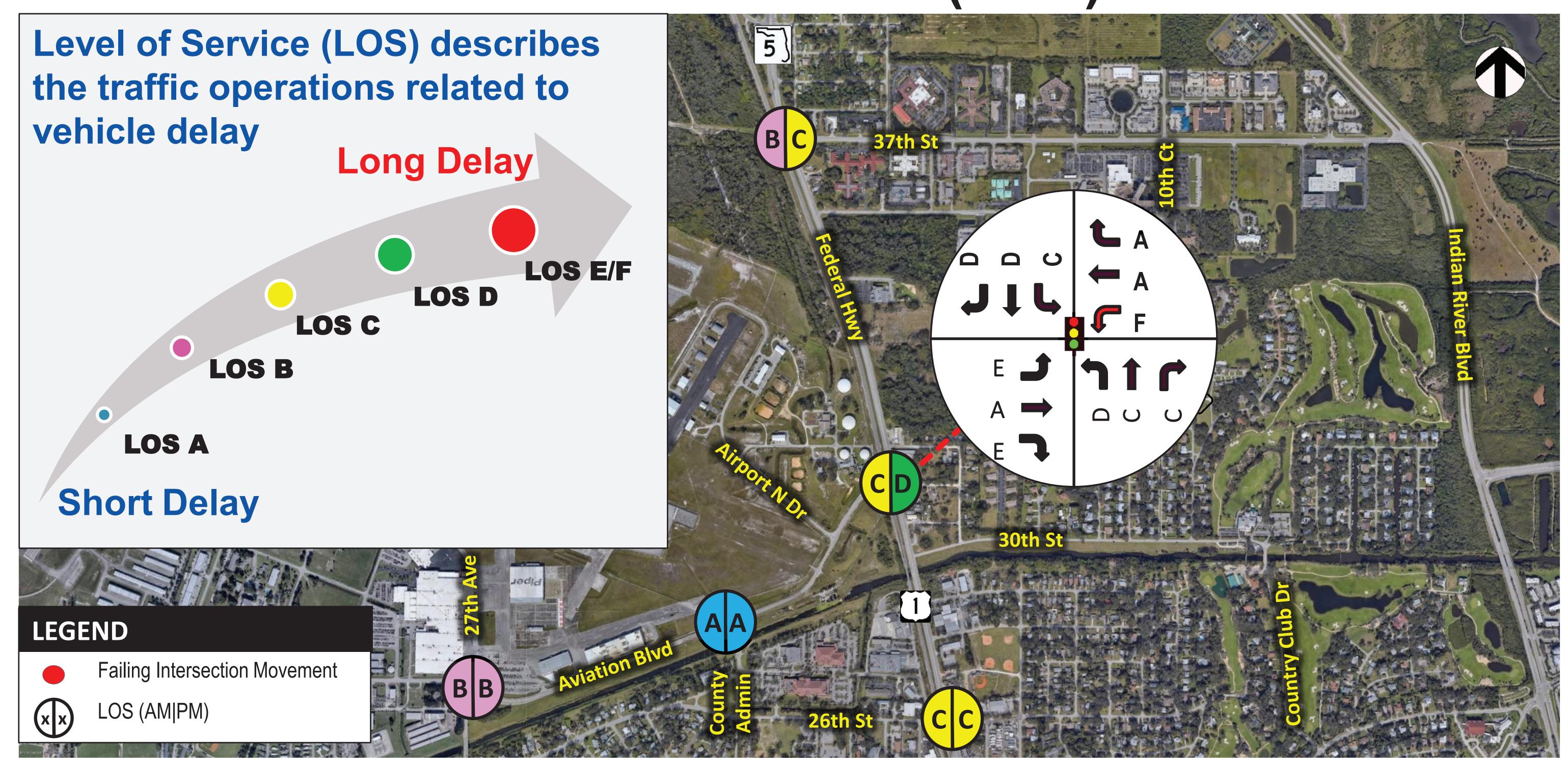
PD&E Study Schedule



- Design phase begins in 2025 (funded)
- Right of Way and Construction phases are not funded.



Existing Traffic ConditionsLevel of Service (LOS)

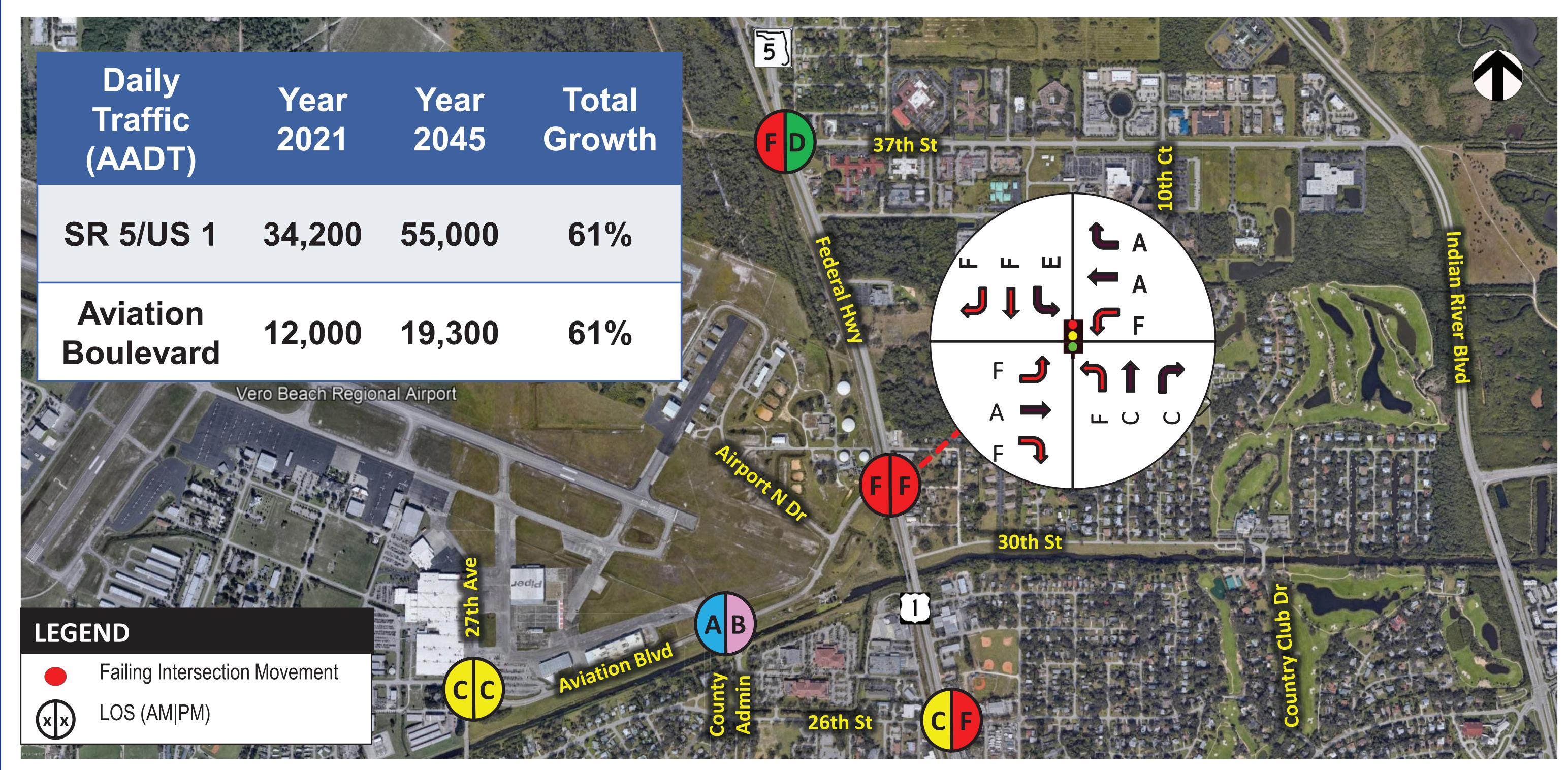


SR 5 / US 1 at Aviation Boulevard PD&E Study | FPID No: 441693-1-22-02



Future Traffic Operations

(Year 2045 without roadway improvements)



SR 5 / US 1 at Aviation Boulevard PD&E Study | FPID No: 441693-1-22-02



Financial Project ID: 441693-1-22-02 | Efficient Transportation Decision Making (ETDM) Number: 14475

Welcome Public Kick-Off Meeting

Florida Department of Transportation, District Four Project Development and Environment (PD&E) Study State Road (SR) 5/US 1 at Aviation Boulevard Indian River County, Florida



Project Website Link: https://www.fdot.gov/projects/SR5AviationBlvdPDE



FDOT Project Manager

Vandana Nagole, P.E. 954-777-4281 866-336-8435 ext. 4281 vandana.nagole@dot.state.fl.us

FDOT Communications Manager

Guillermo Canedo 954-777-4302 (866) 336-8435 Ext. 4302 guillermo.canedo@dot.state.fl.us