

COVE ROAD

From State Road (SR) 76/Kanner Highway
to SR 5/US-1
Martin County, Florida

Project Development & Environment (PD&E) Study
FPID Number: 441700-1 ETDM Number: 14479



WELCOME

Florida Department of Transportation

Alternatives Public Workshop



COVE ROAD

From State Road (SR) 76/Kanner Highway
to SR 5/US-1
Martin County, Florida

Project Development & Environment (PD&E) Study
FPID Number: 441700-1 ETDM Number: 14479



NON-DISCRIMINATION POLICY

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:

Sharon Singh-Hagyan
District Four Title VI Coordinator
3400 West Commercial Boulevard
Fort Lauderdale, FL 33309
(954) 777-4190
(866) 336-8435, Ext. 4190 (Toll Free)
sharon.singhhagyan@dot.state.fl.us

Stefan Kulakowski, FCCM, CPM
Statewide Title VI Coordinator
605 Suwannee Street, MS 65
Tallahassee, FL 32399
(850) 414-4742
(866) 374-3368, Ext. 4742 (Toll Free)
stefan.kulakowski@dot.state.fl.us

COVE ROAD

From State Road (SR) 76/Kanner Highway
to SR 5/US-1
Martin County, Florida

Project Development & Environment (PD&E) Study
FPID Number: 441700-1 ETDM Number: 14479



FEDERAL-STATE PARTNERSHIP

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 FDOT pursuant to 23 United States Code (U.S.C.) 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.

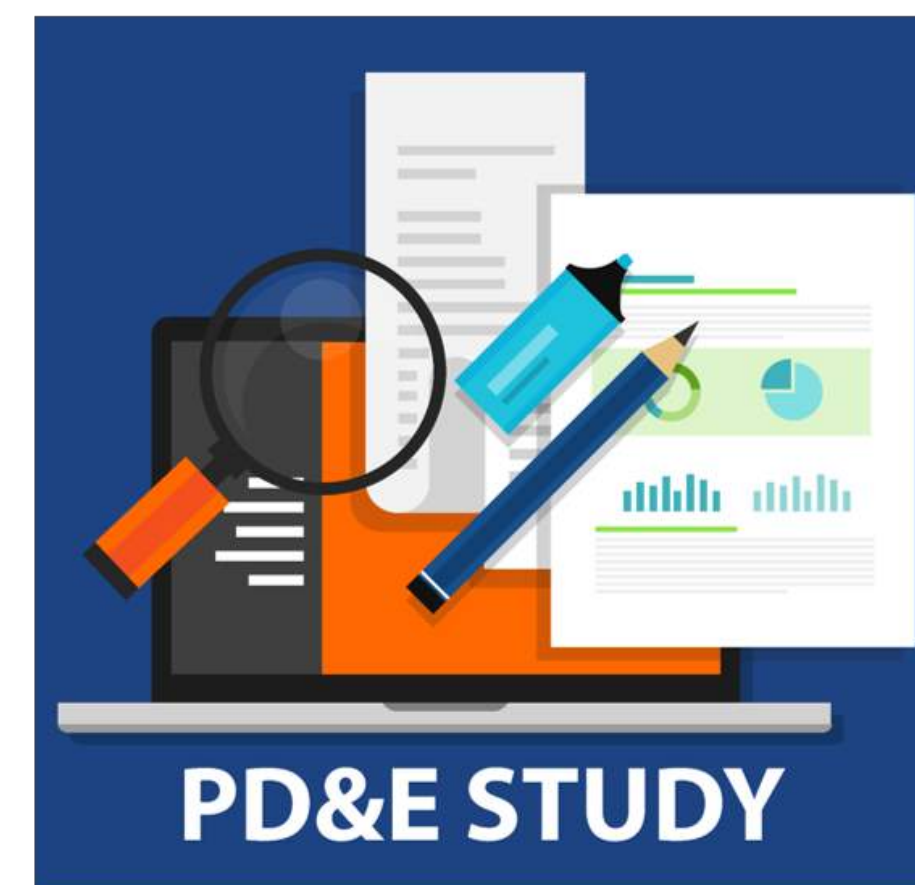


TRANSPORTATION DEVELOPMENT PROCESS



✓ Martin Metropolitan Planning Organization (MPO) requested FDOT to fund and lead the Cove Road Widening Project

- ✓ Alternatives Development
- ✓ Engineering & Environmental Analysis
- ✓ Public/Agency Outreach
- ✓ Preferred Alternative/ Documentation



PD&E STUDY

The Project Development and Environment (PD&E) Study is a process developed by FDOT to evaluate the social, environmental and engineering impacts associated with a proposed transportation improvement.



COMMUNITY

Public Outreach continues throughout all phases of the Transportation Development Process.

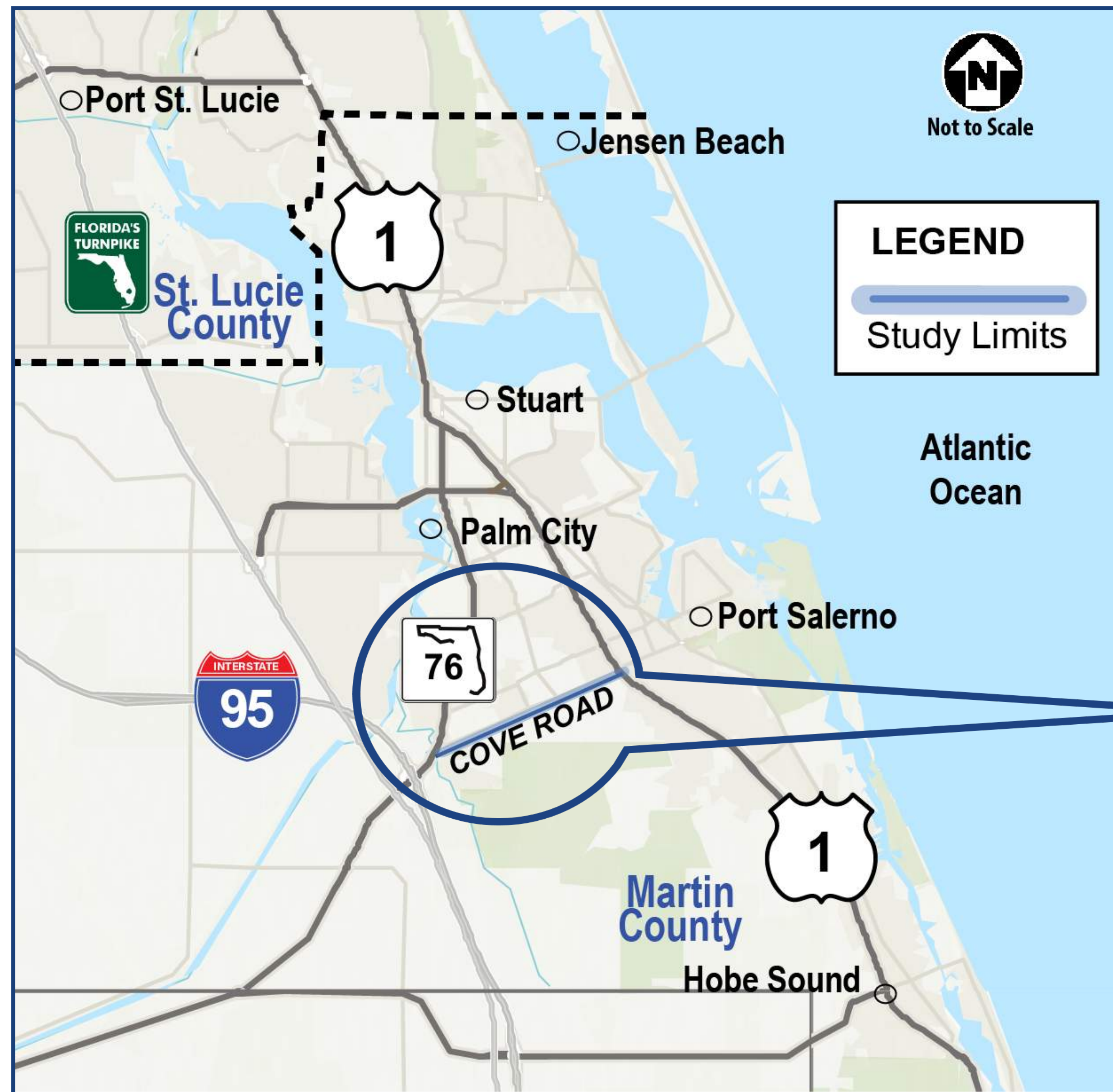
COVE ROAD

From State Road (SR) 76/Kanner Highway to SR 5/US-1
Martin County, Florida

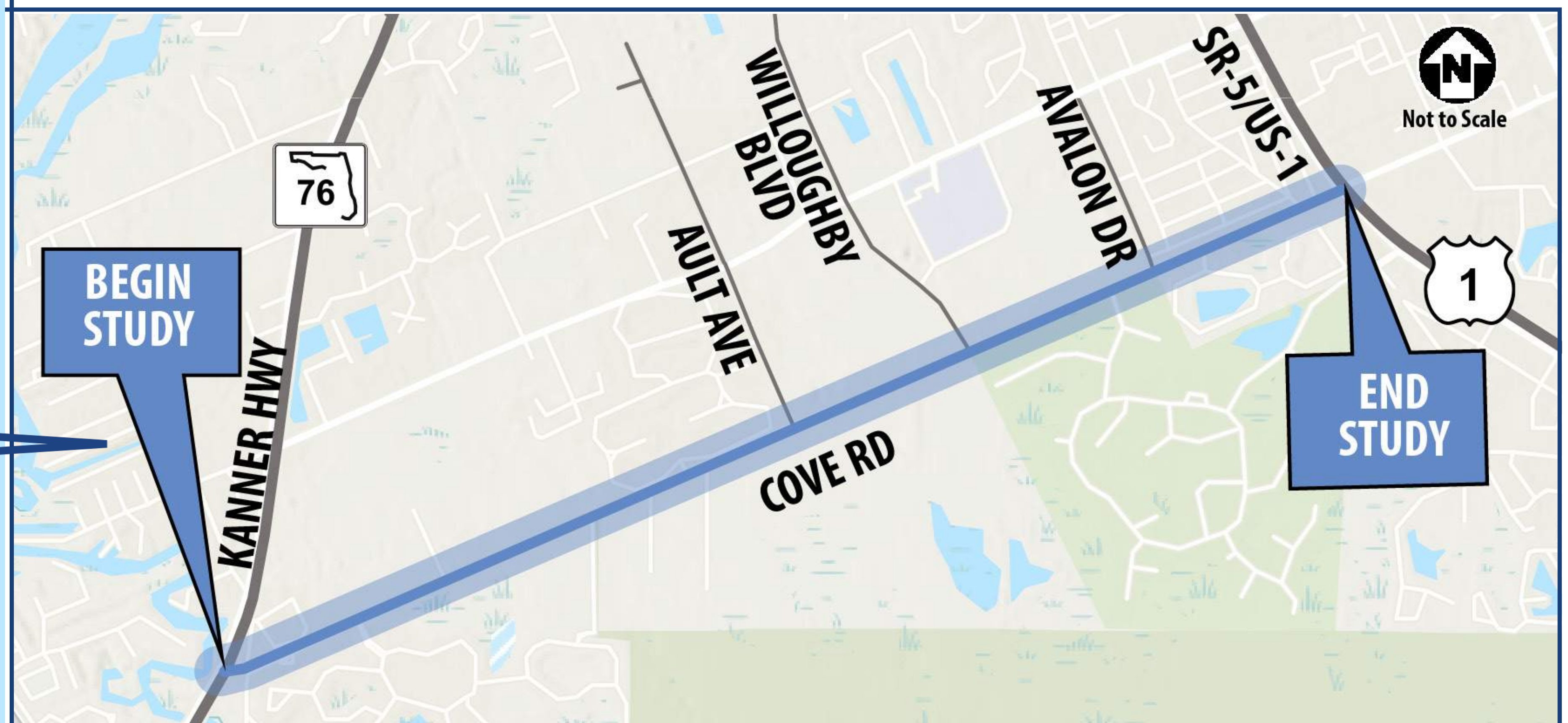
Project Development & Environment (PD&E) Study
FPID Number: 441700-1 ETDM Number: 14479



PROJECT LOCATION



- From Kanner Highway to US-1 
- Project extends approximately 3.2 miles 



PURPOSE & NEED

Project Purpose



The primary purpose of widening Cove Road from two lanes to four lanes is to add capacity for all modes of travel and improve the local transportation network.

Project Needs

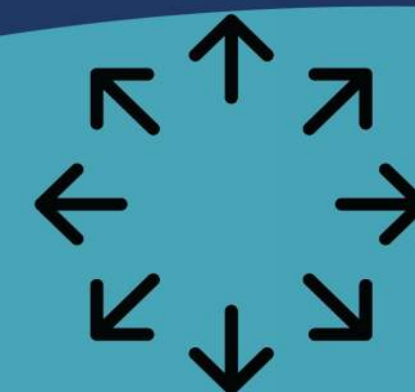
Support
Economic &
Social Demands



Improve
System
Linkage



Improve
Capacity



Improve
Modal
Interrelationships



Improve
Emergency
Evacuation



COVE ROAD

From State Road (SR) 76/Kanner Highway
to SR 5/US-1
Martin County, Florida

Project Development & Environment (PD&E) Study
FPID Number: 441700-1 ETDM Number: 14479



CONTACT INFORMATION

Vanita Saini, P.E.

Florida Department of Transportation (FDOT) Project Manager

FDOT District Four

3400 West Commercial Boulevard

Fort Lauderdale, FL 33309

Email: vanita.saini@dot.state.fl.us

Telephone: (954) 777-4468

Toll-Free: (866) 336-8435, Ext. 4468

www.CoveRoadStudy.com

ENVIRONMENTAL IMPACT ANALYSIS



SOCIAL & ECONOMIC

- Land Use Changes
- Social
- Relocation Potential
- Aesthetic Effect
- Economic
- Mobility

CULTURAL RESOURCES

- Historic and Archaeological Sites
- Recreational Areas

NATURAL RESOURCES

- Wetlands and Other Surface Waters
- Threatened and Endangered Species
- Water Quality & Quantity

PHYSICAL ENVIRONMENT

- Noise
- Air Quality
- Contamination

COVE ROAD

From State Road (SR) 76/Kanner Highway to SR 5/US-1
Martin County, Florida

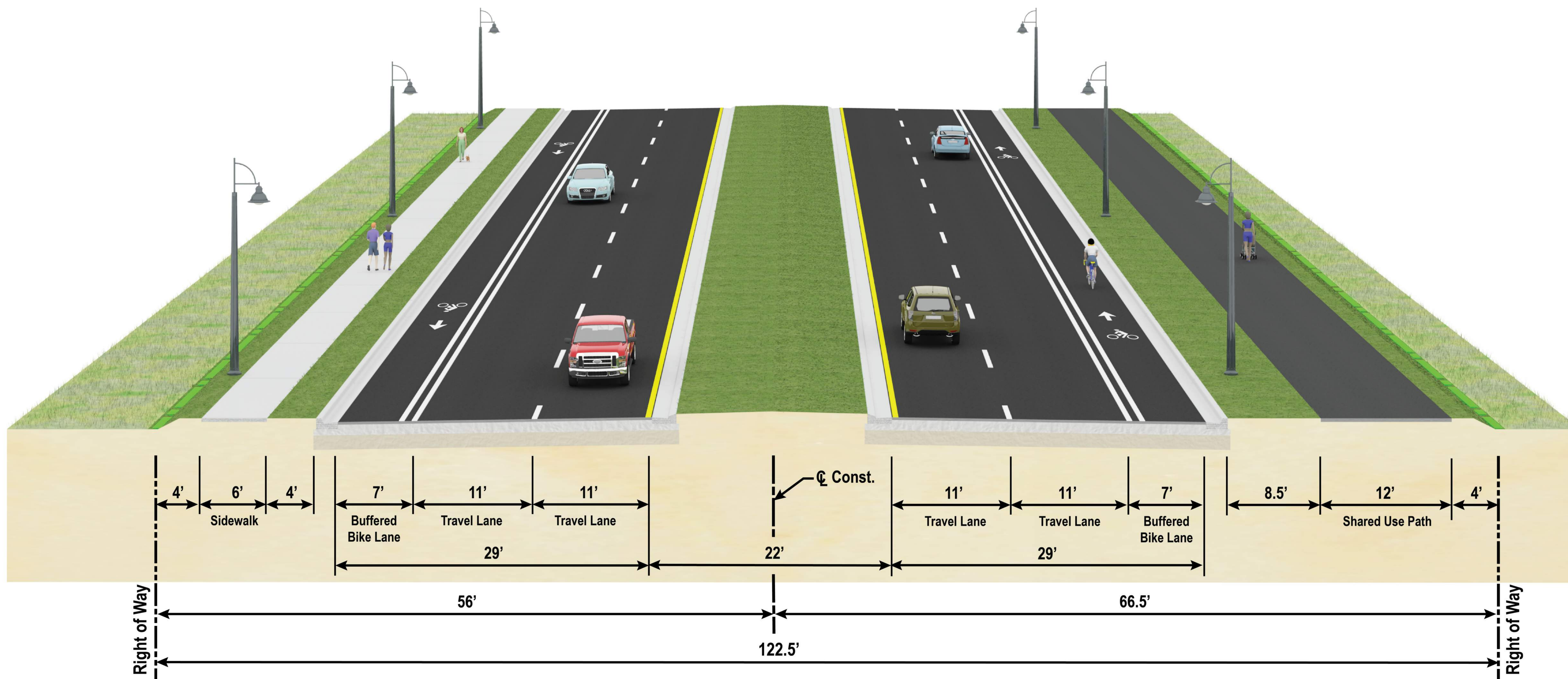
Project Development & Environment (PD&E) Study FPID Number: 441700-1 ETDM Number: 14479



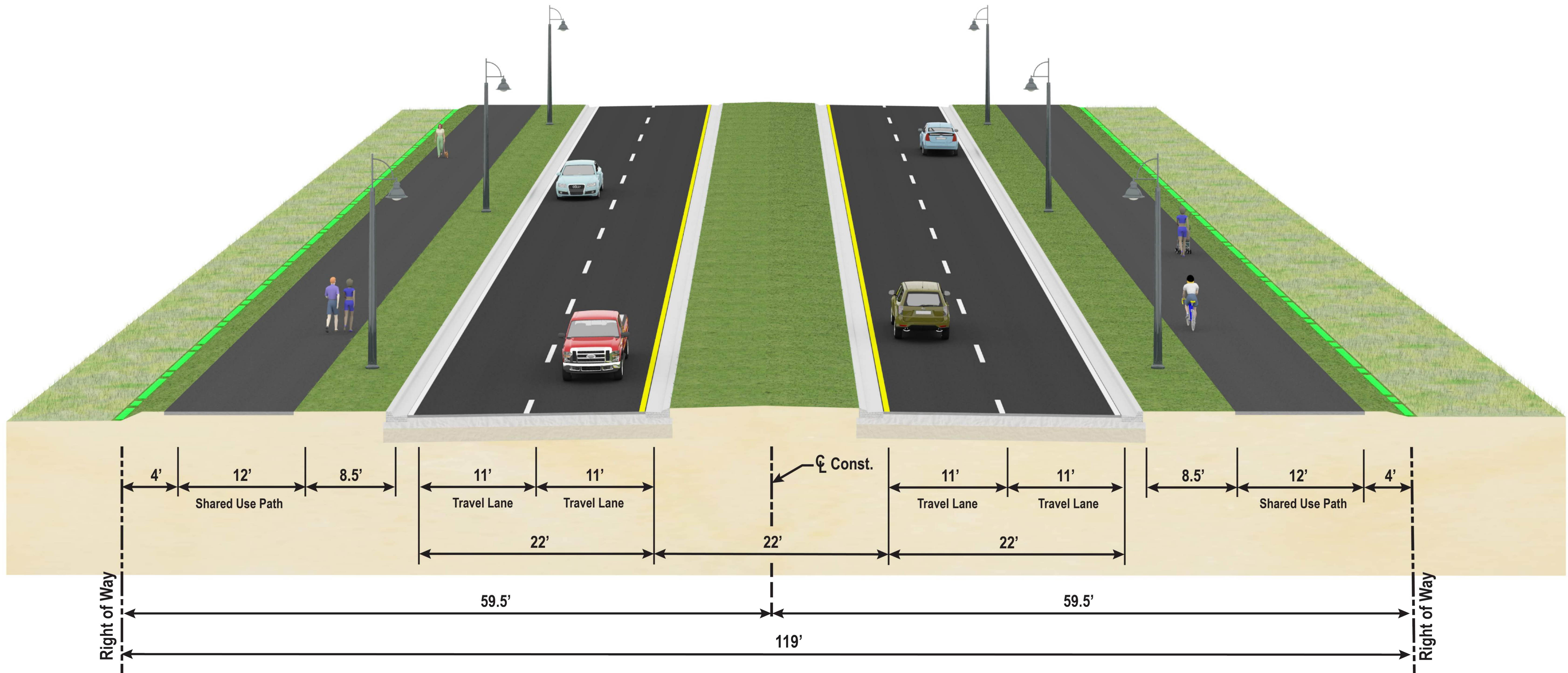
Cove Road PD&E Study From SR 76 (Kanner Highway) to SR 5 (US 1) Alternatives Evaluation Matrix

Evaluation Criteria	No Build Alternative	Cove Road PD&E Study Limits				
		Segment 1: SR 76 (Kanner Highway) to Avalon Drive		Segment 2: Avalon Drive to SR 5 (US 1)		
		Typical Section 1A	Typical Section 1B	Typical Section 2A (Best fit alignment)	Typical Section 2C (Best fit alignment)	Typical Section 2D
Right-of-Way Impacts						
Number of parcels impacted	0	23	21	30	31	3
Right of way impact area (acres)	0	1.07	1.02	1.38	0.94	0.48
Number of residential relocations	0	0	0	0	0	0
Number of business relocations	0	0	0	0	0	0
Natural, Environmental & Physical Impacts						
Threatened and endangered species impacts	None	Medium	Medium	Low	Low	Low
Archaeological/historic site impacts	None	Medium	Medium	Low	Low	Low
Potential contamination sites (high & medium risk ranking)	None	0	0	0	0	0
Wetland impacts (acres)	None	0.52	0.52	0.00	0.00	0.00
Floodplain impacts (acres)	None	0.04	0.01	0.00	0.00	0.00
Potential Section 4(f) impacts	None	0	0	0	0	0
Social & neighborhood impacts	None	Low	Low	High	Medium	Low
Estimated Costs (Present Day Costs)						
Design (15% of construction)	No cost	\$6,564,000	\$6,122,000	\$1,236,000	\$1,165,000	\$1,356,000
Road right-of-way	No cost	\$4,262,000	\$3,933,000	\$13,452,000	\$10,431,000	\$4,419,000
Pond right-of-way	No cost	\$7,858,000	\$7,858,000	\$0	\$0	\$0
Wetland mitigation	No cost	\$54,000	\$54,000	\$0	\$0	\$0
Roadway construction	No cost	\$43,758,400	\$40,810,300	\$8,239,500	\$7,764,200	\$9,036,700
CEI (15% of construction)	No cost	\$6,564,000	\$6,122,000	\$1,236,000	\$1,165,000	\$1,356,000
Subtotal cost	No cost	\$62,496,000	\$58,777,000	\$22,928,000	\$19,360,000	\$14,812,000
Total cost	No cost	Preferred Segment 1 Typical Section + Preferred Segment 2 Typical Section				

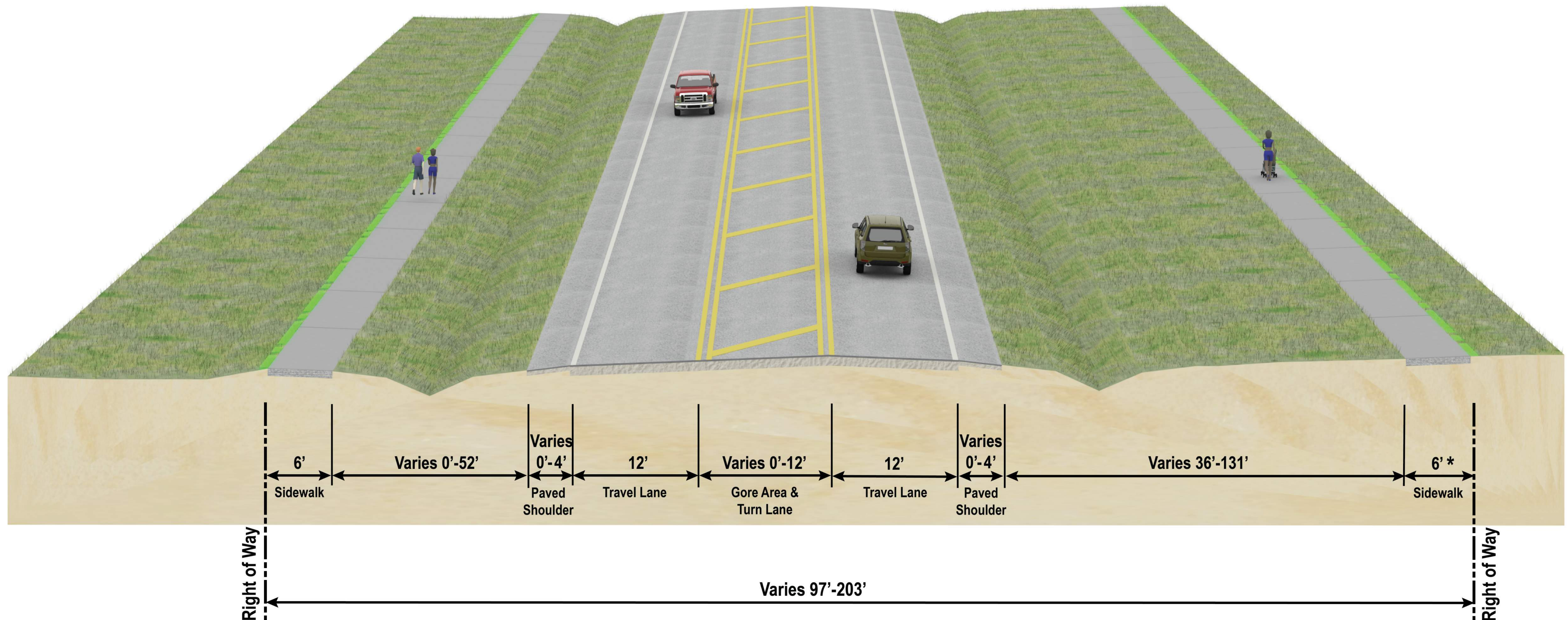
Typical Section - Segment 1 Alternative 1A from SR 76 (Kanner Highway) to Avalon Drive



Typical Section - Segment 1 Alternative 1B from SR 76 (Kanner Highway) to Avalon Drive



Typical Section - Segment 1 Existing Roadway from SR 76 (Kanner Highway) to Avalon Drive



* - From SR 76 (Kanner Hwy.) to Atlantic Ridge drive

COVE ROAD

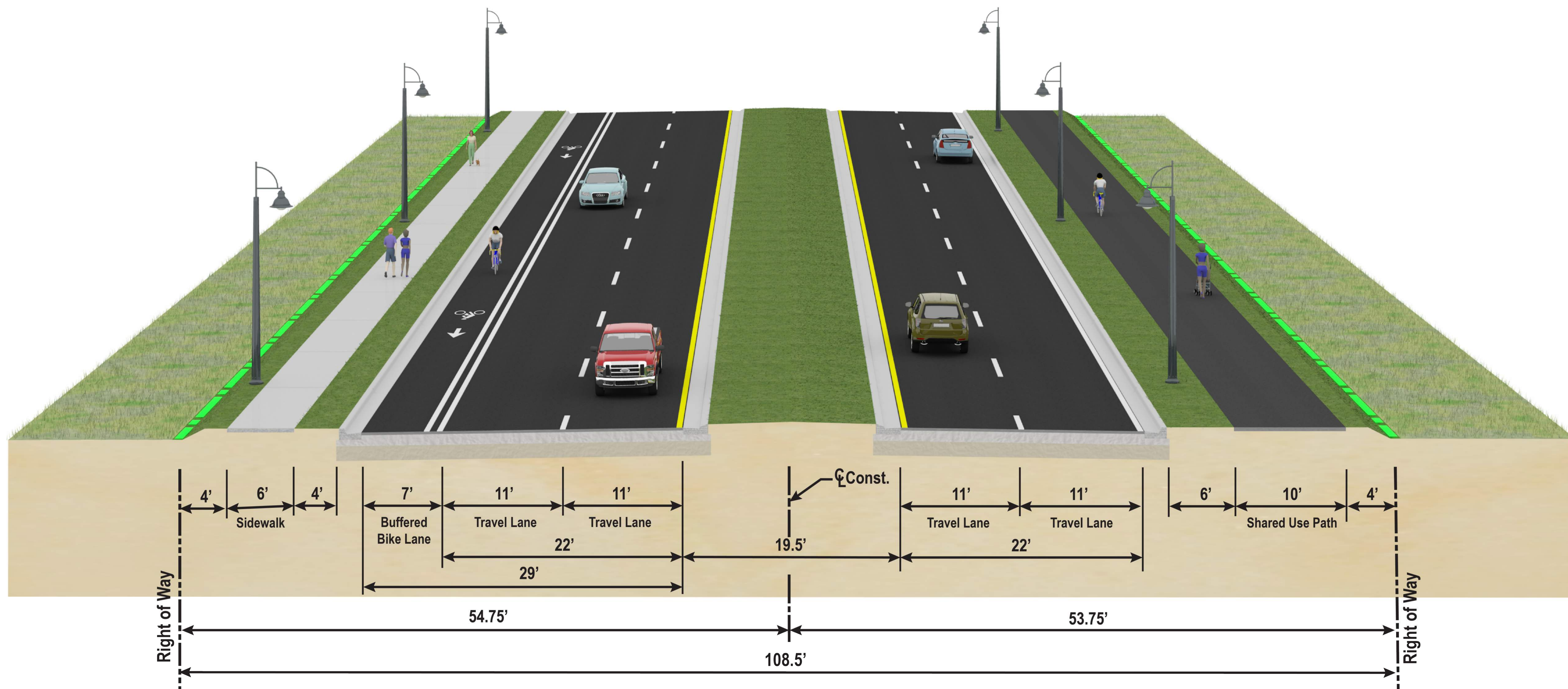
From State Road (SR) 76/Kanner Highway
to SR 5/US-1
Martin County, Florida

Project Development & Environment (PD&E) Study

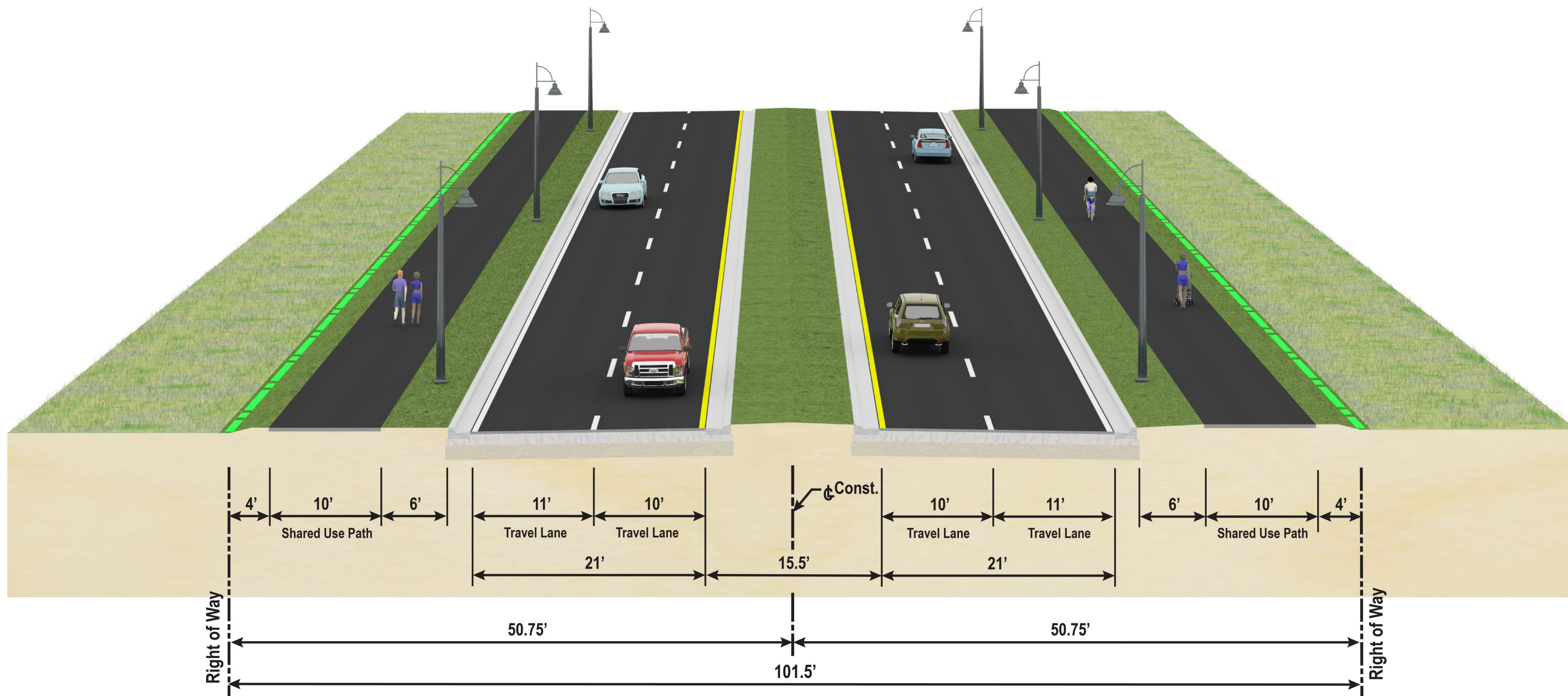
FPID Number: 441700-1 ETDM Number: 14479



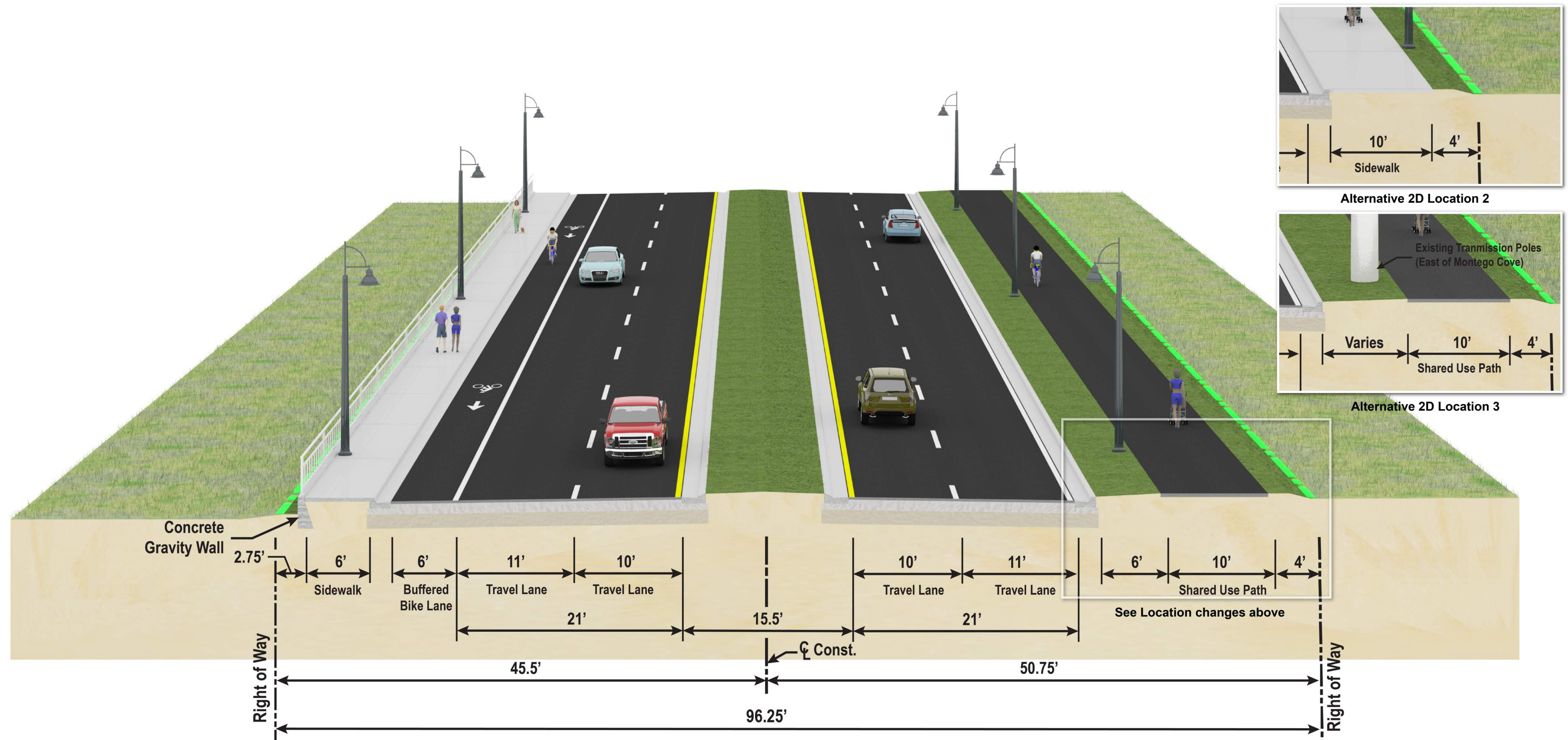
Typical Section - Segment 2 Alternative 2A from Avalon Drive to SR 5/US 1 (Federal Hwy.)



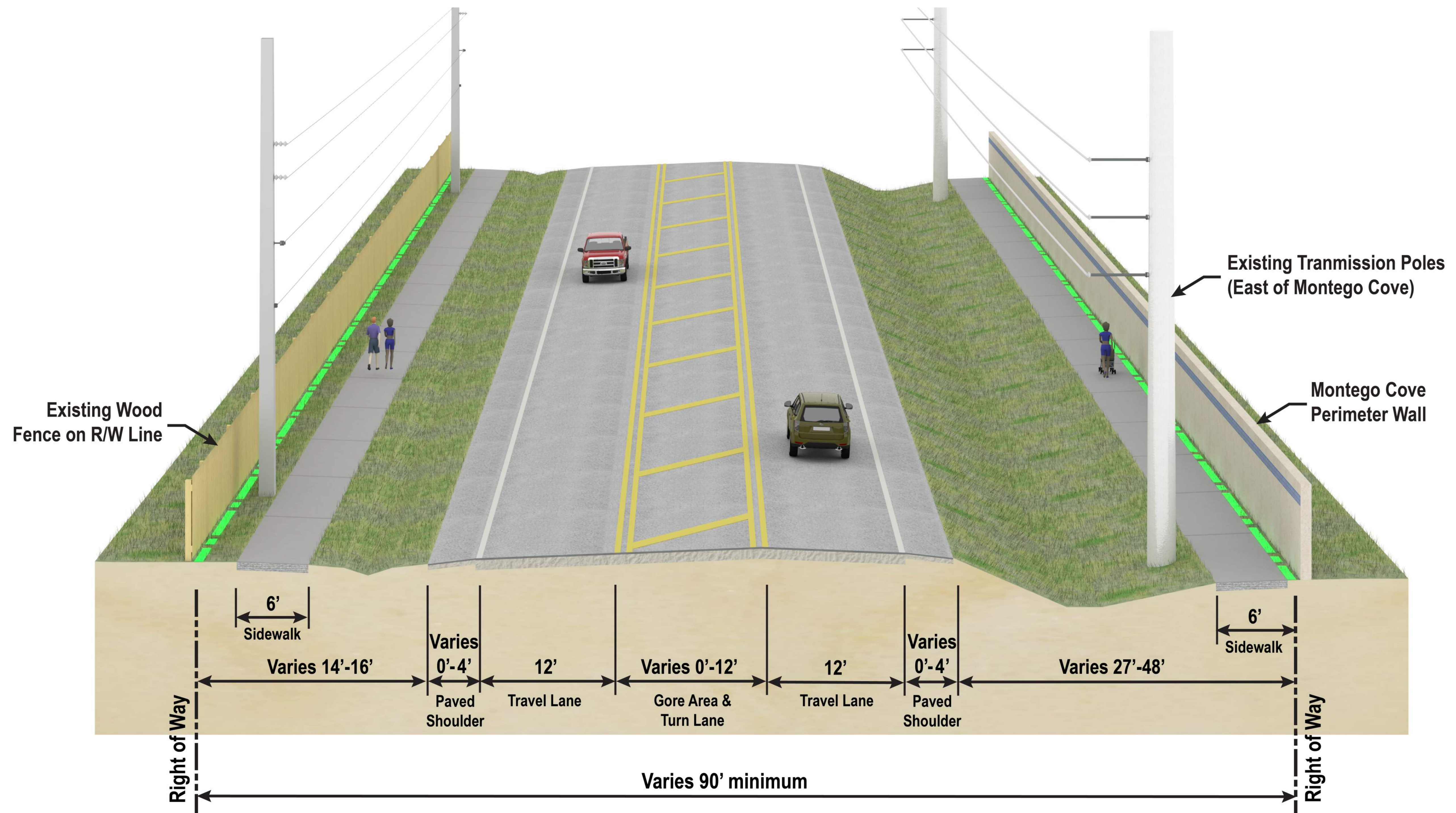
Typical Section - Segment 2 Alternative 2C from Avalon Drive to SR 5/US 1 (Federal Hwy.)



Typical Section - Segment 2 Alternative 2D from Avalon Drive to SR 5/US 1 (Federal Hwy.)



Typical Section - Segment 2 Existing Roadway from Avalon Drive to SR 5/US 1 (Federal Hwy.)



COVE ROAD

From State Road (SR) 76/Kanner Highway
to SR 5/US-1
Martin County, Florida

Project Development & Environment (PD&E) Study
FPID Number: 441700-1 ETDM Number: 14479



TRAFFIC

