



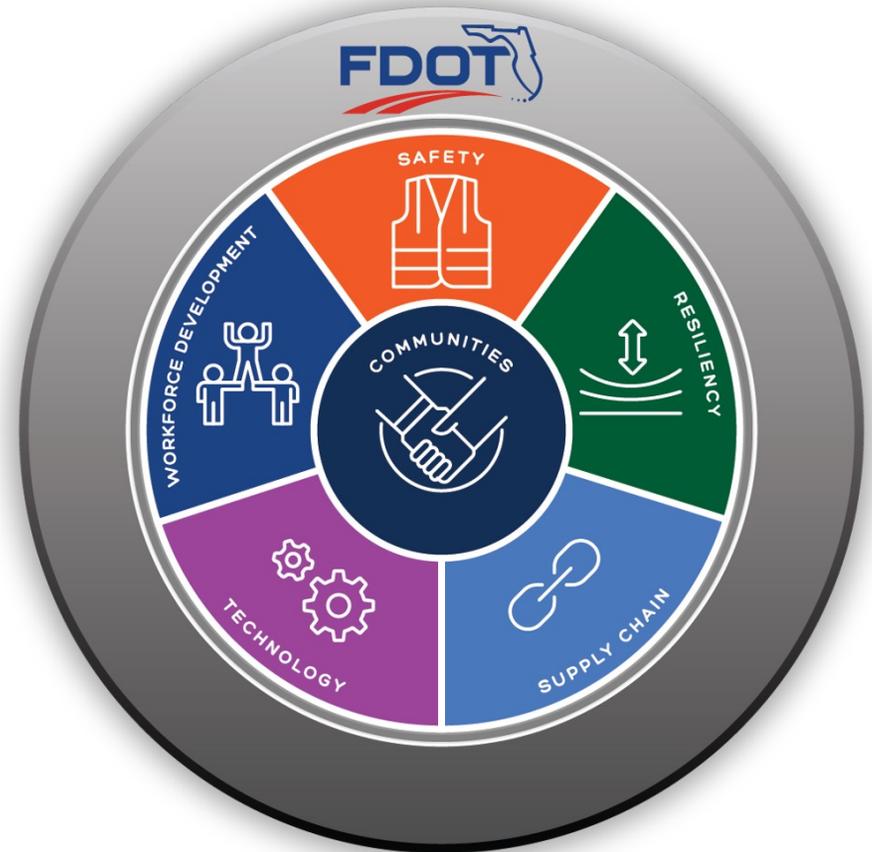
State Road (S.R.) 714/Monterey Road at FEC Railroad Crossing
Martin County, Florida
Project Development & Environment (PD&E) Study
Alternatives Public Workshop
Virtual: March 11, 2026 In-Person: March 12, 2026



Florida Department Of Transportation
Financial Project ID: 441636-2-22-02

FDOT Compass Statement

Community feedback is at the core of all we do. FDOT works with the public to balance their community vision with the community's transportation needs. This is routine on all our projects to ensure Florida's infrastructure is safe, resilient, and efficient for many years into the future.





This project originated based on community wants and a recognized safety need. Situated in the City of Stuart in Martin County, this project is adjacent to numerous community centers including the YMCA and 10th Street Community Center, as well as numerous schools, housing communities, and businesses.



This project will enhance safety for road users and pedestrians, and support operations for the FEC Railroad and Witham Field Airport. Level of Service (LOS) improvements at signalized intersections within the study's area of influence is a main area of focus. Adaptive signal technology will be used to improve railroad crossing safety and efficiency.



The purpose of this project is to enhance traffic operations and support the growing transportation demand of goods and services in the area. Future sea levels and ground water levels will be evaluated to ensure the resilience of the proposed improvement.

Agenda

Introductions

- Meet the Team
- Non-Discriminatory Policy and Laws and Regulations

Project Recap

- What is a PD&E Study?
- Project Overview/Location
- Purpose and Need

Evaluation of Alternatives

- Concepts 1 thru 10
- Alternative 1, 2, and 3

Public Involvement

Project Schedule

Q&A

Next Steps



Meeting Format



- **Virtual:**

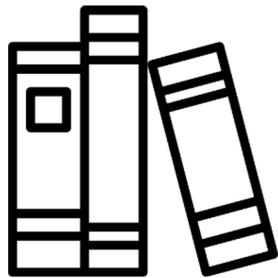
- Date: Wednesday, March 11, 2026
- Time: 5:30 p.m.
- Location: GoToWebinar

- **In-Person:**

- Date: Thursday, March 12, 2026
- Time: 6:00 p.m.
- Location: 10th Street Community Center - 724 SE 10th Street, Stuart, Florida 34994



About Your Comments and Questions



All comments and questions are part of the **Public Record.**



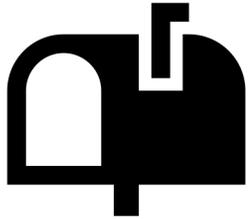
You can submit comments and questions throughout the project.



All registrants will receive a link to the **meeting recording.**



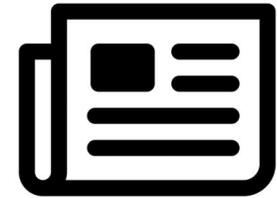
Public Meeting - Public Notice



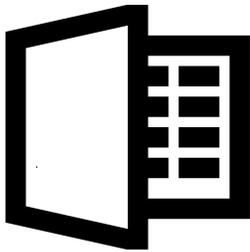
Property owner/tenant letters



Emails to project contacts list



Newspaper



Florida Administrative Register



Social media



Project website



Title VI of the Civil Rights Act of 1964

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 concerns relative to FDOT compliance with Title VI may do so by contacting:

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

Lisa Bethancourt
State FDOT Title VI Coordinator
605 Suwannee Street, MS 65
Tallahassee, Florida 32399-0450
850-414-4742
(866) 374-3368, Ext. 4742 (Toll Free)
lisa.bethancourt@dot.state.fl.us



FDOT NEPA Assignment

National Environmental Policy Act (NEPA)

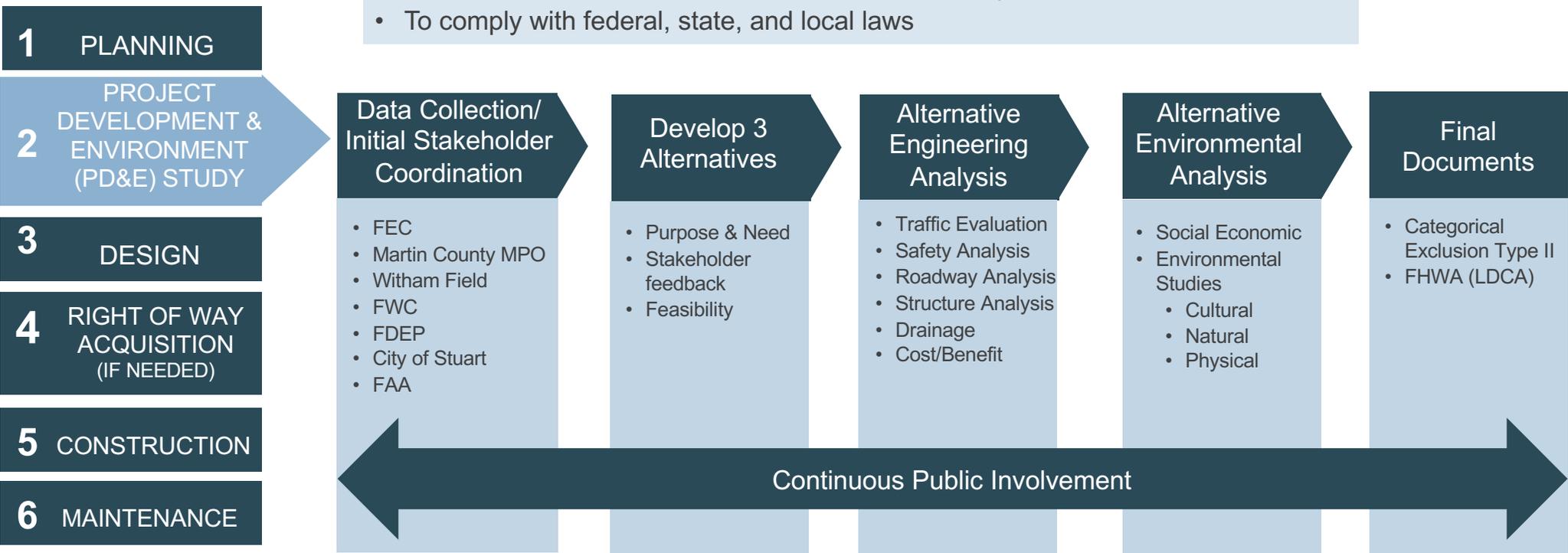
The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 United States Code (U.S.C.) 327 and Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.



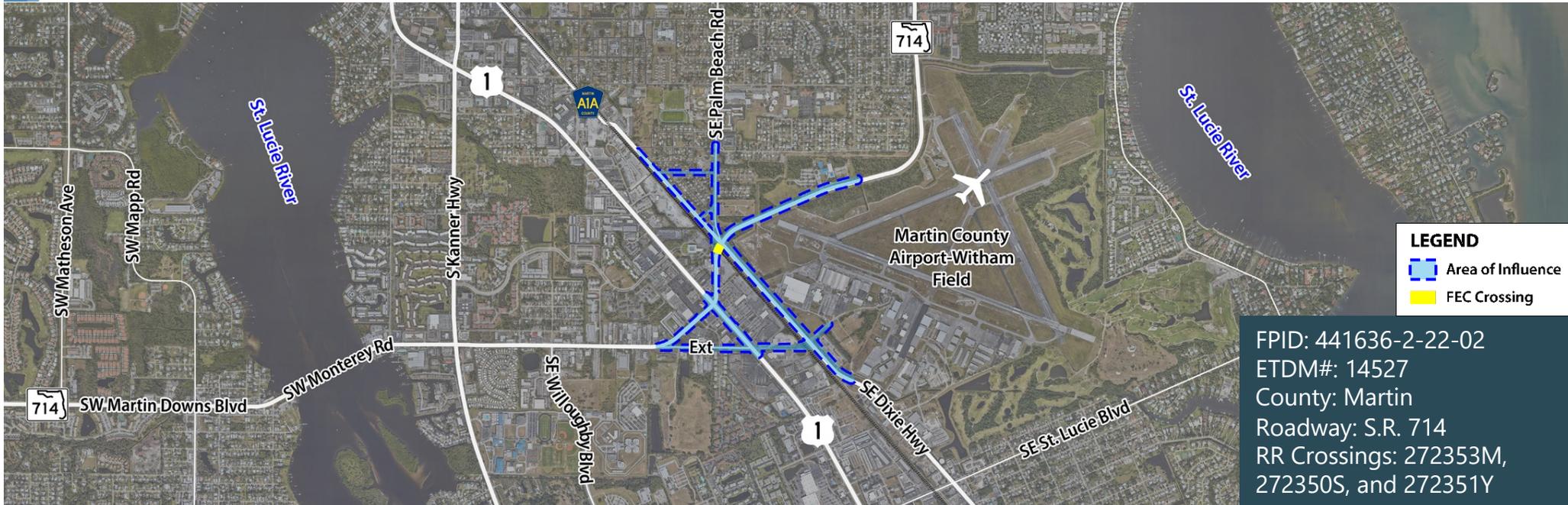
PD&E Study Process

Why is a PD&E Study performed?

- To determine the best alternative to address the purpose and need
- To evaluate the potential environmental and social effects
- To include public participation to help shape the project
- To comply with federal, state, and local laws



Project Purpose & Location



Project Is Located

- Partially within the City of Stuart boundary and Martin County

Project Study Area of Influence

- Along S.R. 714/Monterey Road from Monterey Road Extension to west of SE Flying Fortress Lane and along C.R. A1A from Witham Field Drive to just north of S.E. 16th Street

11 | FDOT District 4 | S.R. 714/Monterey Road at FEC Railroad Crossroad

Project Purpose

- Improve traffic operations,
- Establish more efficient road system connectivity,
- Provide enhanced emergency evacuation,
- Improve sidewalks and bike lane network.

Purpose and Need

Purpose

- Improve traffic operations
- Support transportation demand
- Provide more efficient system connectivity
- Provide enhanced emergency evacuation
- Enhance connectivity to support social and transportation related demands

Need

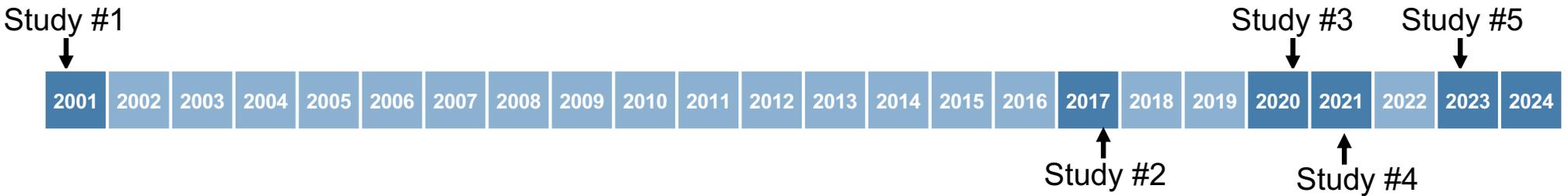
- Martin County prioritized a grade separation at this intersection due to historical travel delays. Therefore, FDOT is conducting this study.
- Improvements along Monterey Road which connects Federal Highway to Dixie Highway, along with other areas within Martin County will enhance connectivity between local and regional roads.
- Monterey Road is an evacuation route within a designated hurricane evacuation zone. Improved traffic flow through the project intersection will provide a better, more efficient evacuation.
- Adding improvements to Monterey Road, such as sidewalks and/or bike lanes will increase the safety of the local community.

Objectives

- Evaluate alternatives to improve operations by eliminating or reducing conflicts at S.R. 714 and the Florida East Coast (FEC) Railway
- Analyze build alternatives in addition to the "No Build"
- Long-term and short-term improvements, including additional signage, dynamic message signs, safety improvements and Level of Service at signalized intersections within the area of influence:
 - Kanner Hwy
 - Willoughby Blvd
 - Monterey Ext Rd
 - US 1/Federal Hwy
 - C.R. A1A/Dixie Hwy
- Obtain **Location Design Concept Acceptance** for a proposed alternative that meets the purpose and need



Previous Studies



#1: S.R. 714 (Monterey Road) Grade Separation Feasibility at Dixie Highway and FEC Railroad – May 2001

FDOT examined four alternatives.

#2: FEC Railroad Grade Separation Feasibility Study – August 2017

Martin County MPO recommended a depressed roadway crossing at S.R. 714/C.R. A1A.

#3: Treasure Coast Congestion Assessment - Concept Development and Evaluation, S.R. 714/Monterey Road between S.R. 76/Kanner Highway and S.R. A1A/Dixie Highway – September 2020

FDOT examined five intersection along S.R. 714; Additional turn lanes recommended

#4: Feasibility Study Report S.R. 714/Monterey Road, A1A/ Dixie Highway, SE Palm Beach Road - Bicycle and Pedestrian Improvements Feasibility Study – July 2021

FDOT recommended shared use path and buffered bicycle lane in the area.

#5: Traffic Forecasting Memorandum - S.R. 714/Monterey Road at FEC Railroad PD&E Project Traffic Report – April 2023

FDOT examined forecasted traffic on three alternatives

Public Kickoff Meeting Held:

Virtual and In-Person

December 4, 2024

Existing Conditions – Roadway

S.R. 714 (Monterey Rd)

- Four-lane Roadway
- Urban Typical Section (outside curb and gutter)
- Posted Speed Limit: 40 mph
- West of Dixie Highway (C.R. A1A):
 - Two-way Left Turn Lane Median
 - Sidewalks on both sides
- East of Dixie Highway (C.R. A1A):
 - Paved Median
 - Sidewalk on the north side



14 | FDOT District 4 | S.R. 714/Monterey Road at FEC Railroad Crossroad

C.R. A1A (Dixie Highway)

- South of Monterey Road:
 - Four-lane Divided Roadway
 - Urban Typical Section with inside and outside curb and gutter
- North of Monterey Road:
 - Two-lane Undivided Roadway
 - Rural Typical section with outside shoulders



Existing Conditions – Florida East Coast Railway

Railroad

- Designated as an FDOT SIS railroad
- Approximately 25 freight train crossings daily
 - Through trains: 21
 - Switching trains: 4
- 16 – 19 round trips daily or 32 – 38 additional trains per day for the Brightline service
- Basis of County’s desire for this project, historically:
 - Trains are major contributing factor to traffic congestion
 - Deliveries to Super Ready Mix and Cemex intensify delays

Proximity to Roadway Intersections

- S.R. 714/A1A (Dixie Hwy) is 118' from the crossing
- S.R. 714/US 1 is 0.22 miles from the crossing
- Kanner Road is 1.28 miles from the crossing
- Indian Street is 1.26 miles from the crossing



Evacuation Routes and Medical Services



Traffic - AADT & Level of Service (LOS) 2022 Existing Conditions

LEGEND

2022 AADT (vehicles per day)

X/Y AM PEAK LOS/PM PEAK LOS

Intersection

- Highly stable, free-flow condition with little or no congestion
- Delay: <10 seconds/vehicle



LOS A

- Stable, free-flow condition with little congestion
- Delay: 10 to 20 seconds/vehicle



LOS B

- Free-flow condition with moderate congestion
- Delay: 20 to 35 seconds/vehicle



LOS C

- Approaching unstable condition with increasing congestion
- Delay: 35 to 55 seconds/vehicle



LOS D

- Unstable, congested condition
- Delay: 55 to 80 seconds/vehicle



LOS E

- Stop and go
- Delay: >80 seconds/vehicle



LOS F



Traffic - AADT & Level of Service (LOS) 2050 No-Build

LEGEND

2050 AADT (vehicles per day)

X/Y AM PEAK LOS/PM PEAK LOS

Intersection

- Highly stable, free-flow condition with little or no congestion
- Delay: <10 seconds/vehicle



LOS A

- Stable, free-flow condition with little congestion
- Delay: 10 to 20 seconds/vehicle



LOS B

- Free-flow condition with moderate congestion
- Delay: 20 to 35 seconds/vehicle



LOS C

- Approaching unstable condition with increasing congestion
- Delay: 35 to 55 seconds/vehicle



LOS D

- Unstable, congested condition
- Delay: 55 to 80 seconds/vehicle



LOS E

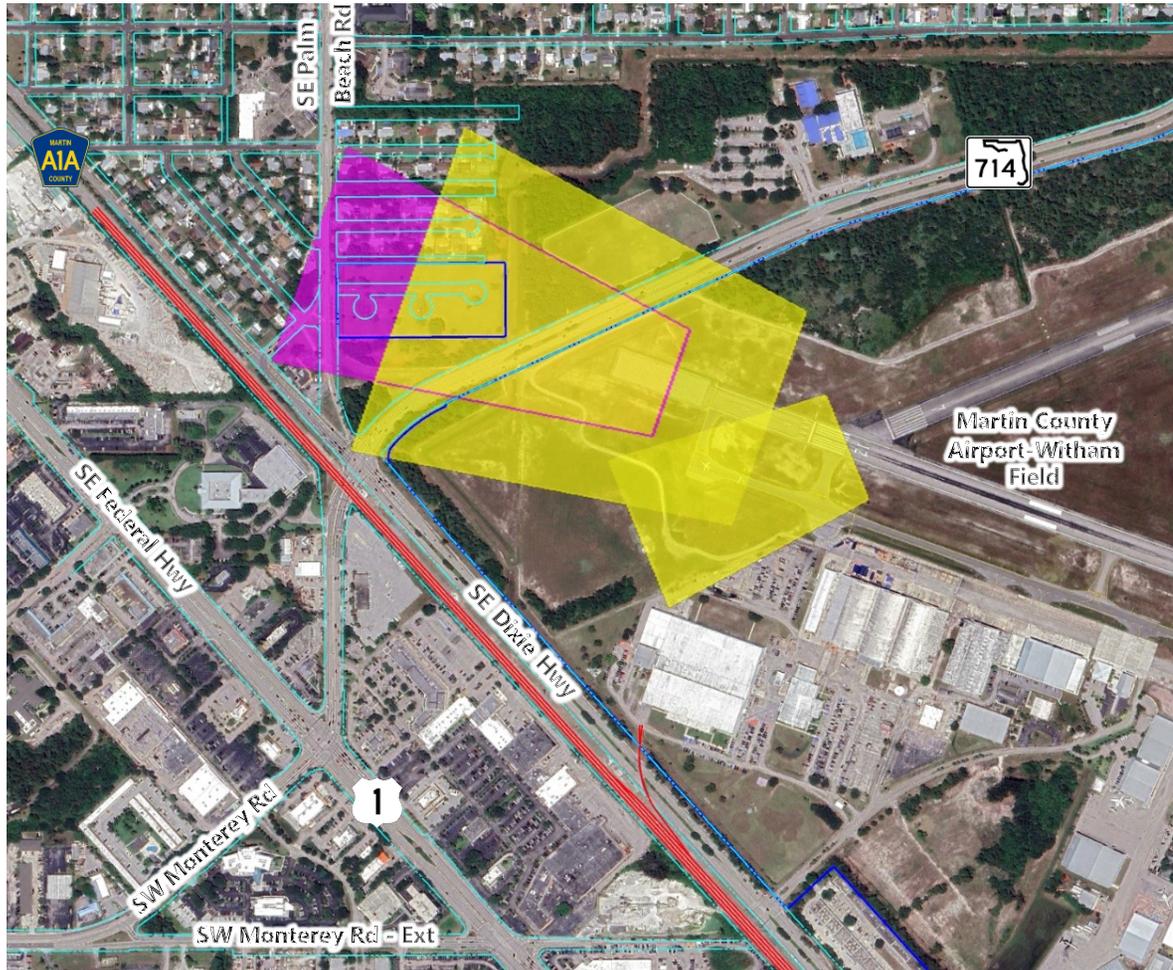
- Stop and go
- Delay: >80 seconds/vehicle



LOS F



Consideration of Witham Airspace & FEC Railroad



Environmental

Natural

- Protected Species and Habitat
- Wetlands and Other Surface Waters
- Essential Fish Habitat
- Floodplains
- Sole Source Aquifer
- Water Resources (Water Quality and Quantity)
- Aquatic Preserves
- Outstanding FL Waters
- Wild and Scenic Rivers
- Coastal Barrier Resources

Cultural

- Section 106 (NHPA)
 - Historic Sites/Districts
 - Archaeological Sites
- Section 4(f)
- Section 6(f)
- Recreational Areas

Physical

- Highway Traffic Noise
- Air Quality
- Contamination
- Utilities and Railroads
- Construction

Social & Economic

- Social
- Economic
- Land Use Changes
- Mobility
- Aesthetic Effects
- Relocation Potential
- Farmland

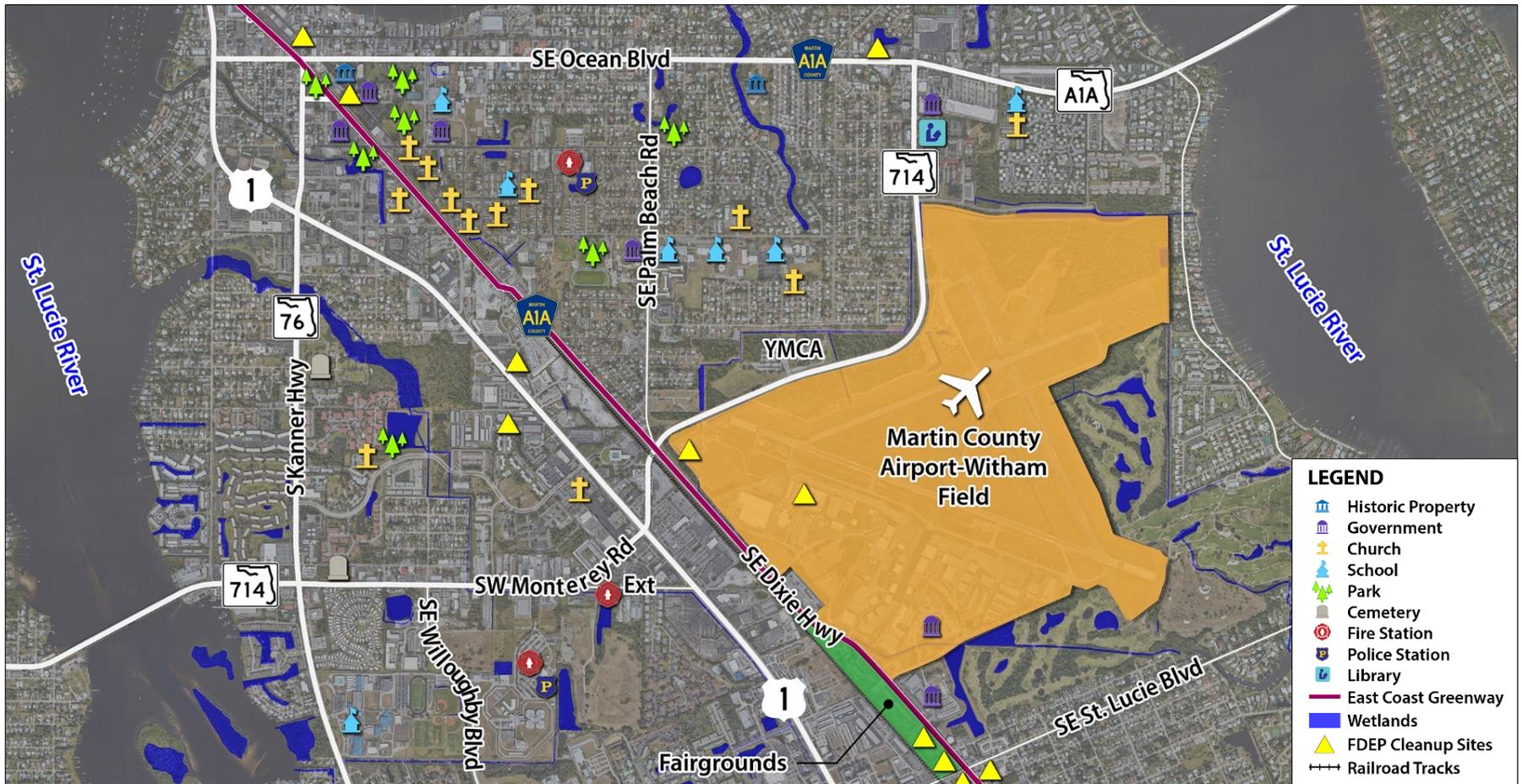
Required Agency Coordination



● Key Project Issue



Environmental



Tier 1 Concept Alternatives Under Consideration



Tier 1 Concept Alternatives Under Consideration



Tier 2 Concepts Under Further Consideration



Concepts were brought to the MPO, Martin County Board of County Commissioners, City of Stuart, Martin County Public Works, FAA and FEC for discussion.

Concepts 3 and 10 were revised.

Additionally, the NO-BUILD Alternative will be carried through the PD&E process along with Concept 3, Concept 3* Modified and Concept 10. Concepts will now be referred as Alternatives. Alternative 1 (Concept 3), Alternative 2 (Concept 3*) and Alternative 3 (Concept 10)

Alternative 1

(previously Concept 3)



Alternative 1

(previously Concept 3)

LEGEND

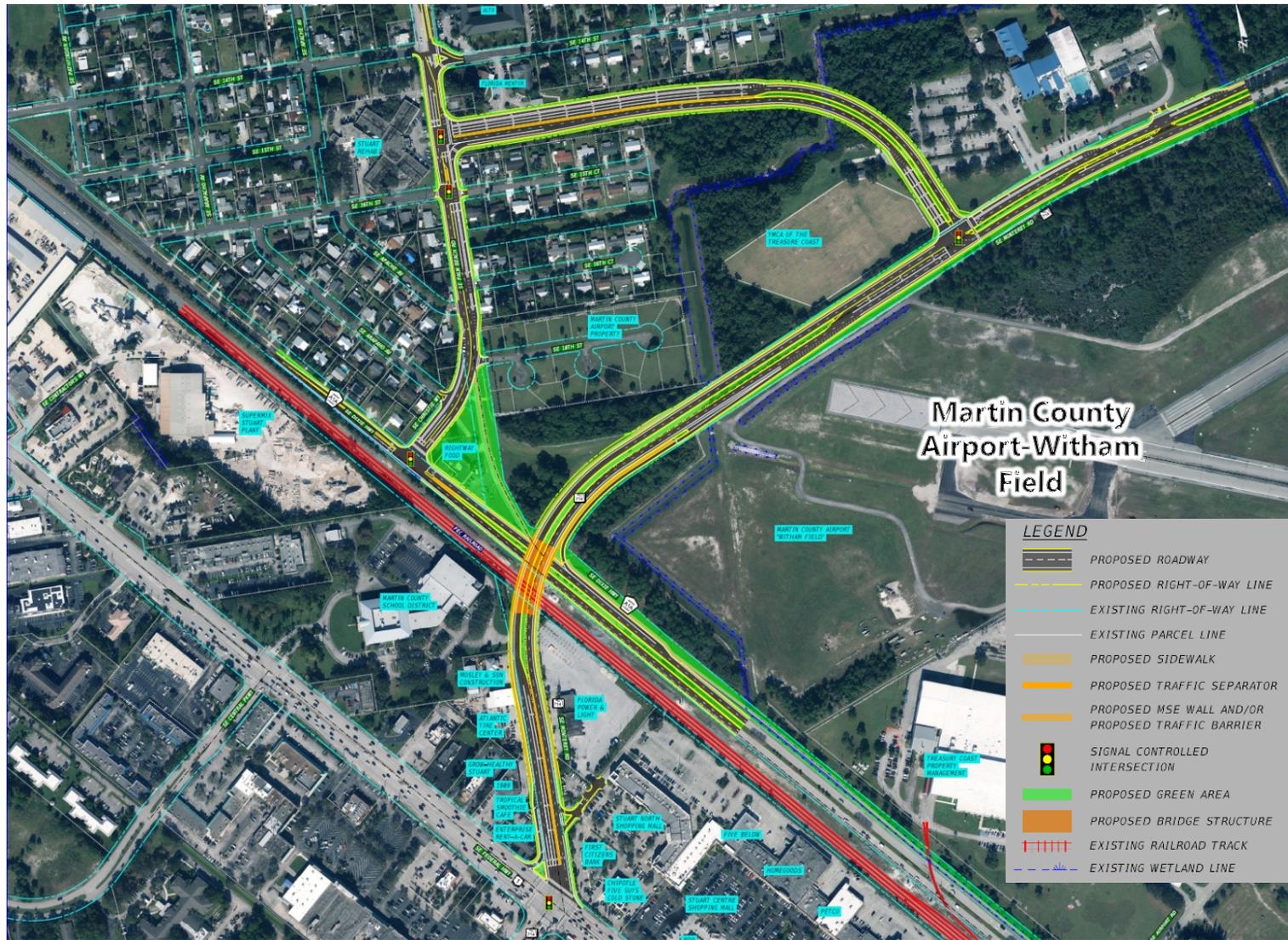
-  PROPOSED ALTERNATIVE
-  PROPOSED BRIDGE STRUCTURE
-  PARCEL IMPACT
-  PARCEL IMPACT W/
STRUCTURE REMOVAL
-  RELOCATION



Alternative 2

(previously Concept 3*)

With Optional
Connection to
SE Palm Beach Road



Alternative 2

(previously Concept 3*)

With Optional
Connection to
SE Palm Beach Road

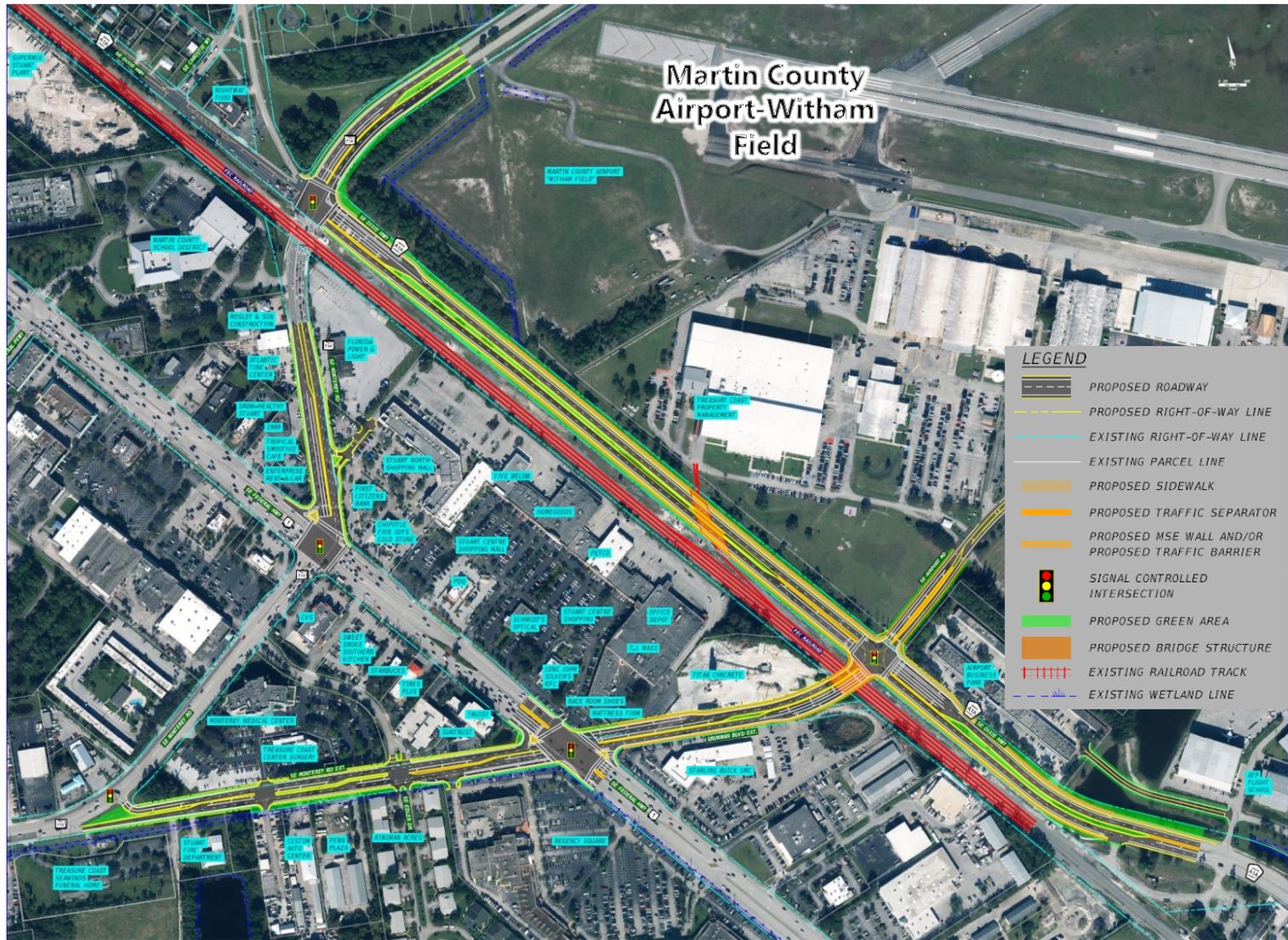
LEGEND

-  PROPOSED ALTERNATIVE
-  PROPOSED BRIDGE STRUCTURE
-  PARCEL IMPACT
-  PARCEL IMPACT W/
STRUCTURE REMOVAL
-  RELOCATION



Alternative 3

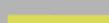
(previously Concept 10)

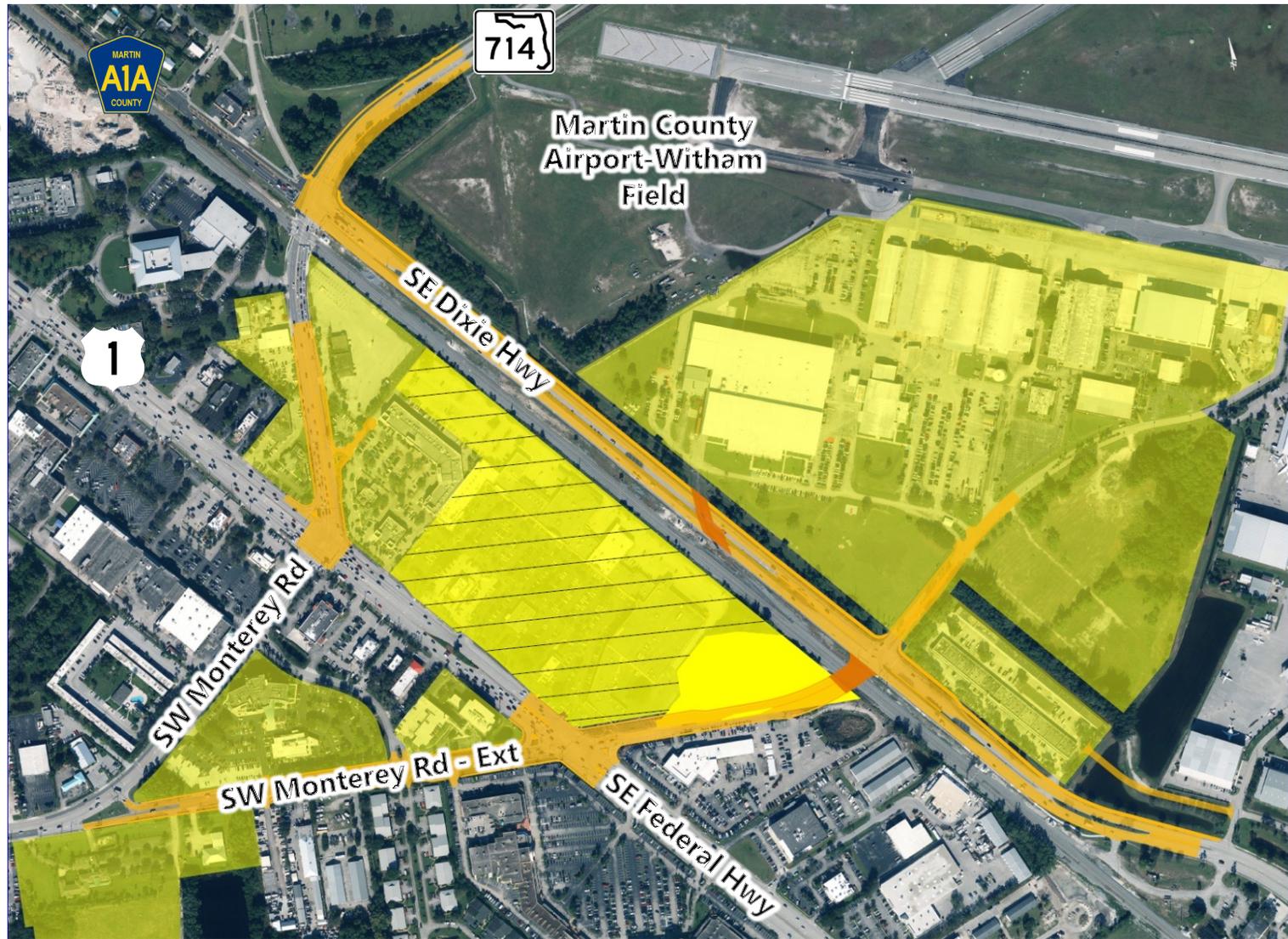


Alternative 3

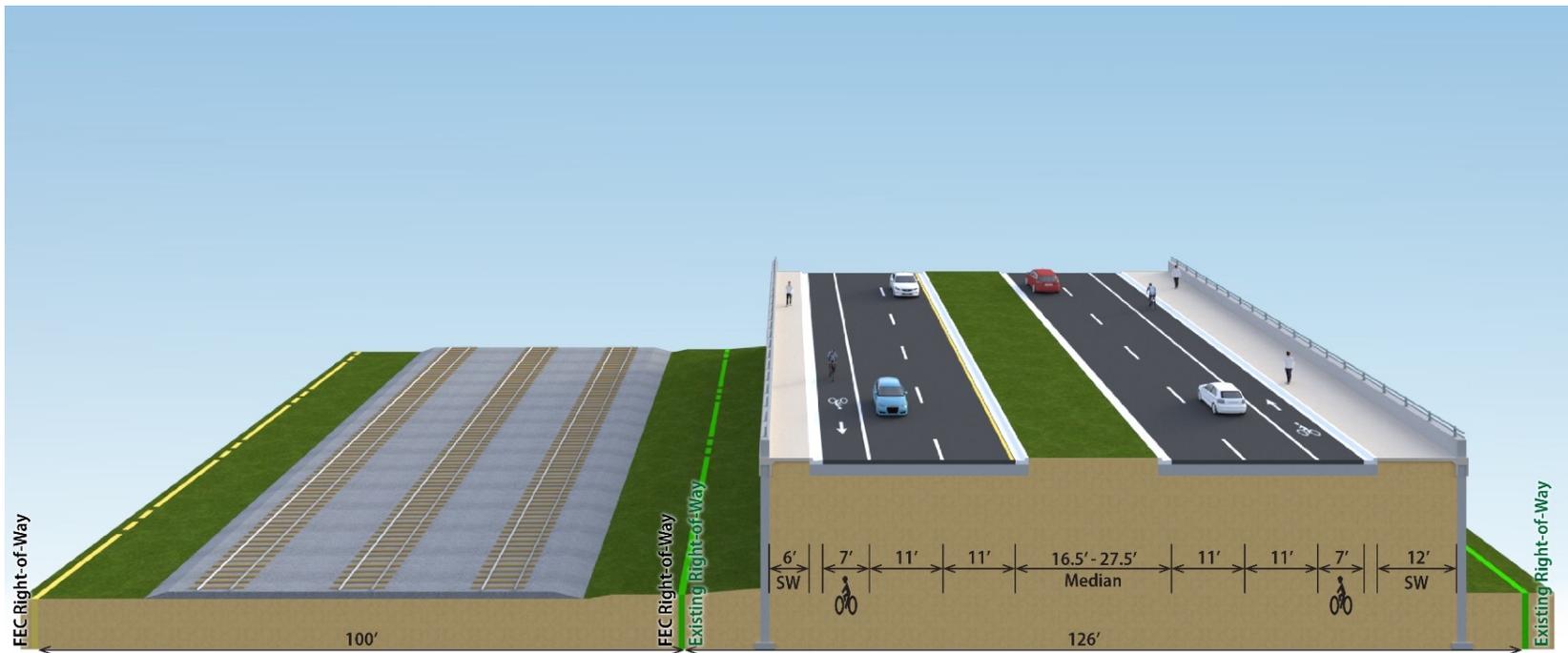
(previously Concept 10)

LEGEND

-  PROPOSED ALTERNATIVE
-  PROPOSED BRIDGE STRUCTURE
-  PARCEL IMPACT
-  PARCEL IMPACT W/
STRUCTURE REMOVAL
-  RELOCATION

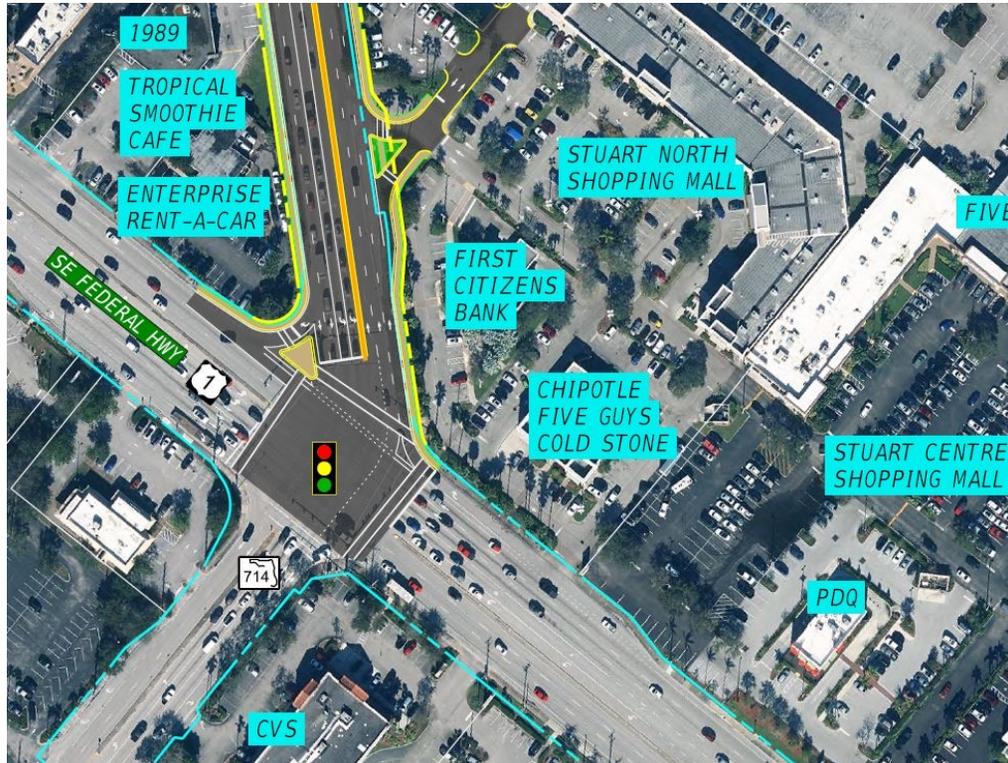


Alternative 3 Typical Section



C.R. A1A (North & South of FEC Railroad Spur)

Transportation System Management and Operations



S.R. 714 at Federal Hwy.



S.R. 714 at C.R. A1A

Traffic - AADT & Level of Service (LOS) 2050 No-Build

LEGEND

2050 AADT (vehicles per day)

X/Y AM PEAK LOS/PM PEAK LOS

Intersection	Diagram	LOS
<ul style="list-style-type: none"> Highly stable, free-flow condition with little or no congestion Delay: <10 seconds/vehicle 		LOS A
<ul style="list-style-type: none"> Stable, free-flow condition with little congestion Delay: 10 to 20 seconds/vehicle 		LOS B
<ul style="list-style-type: none"> Free-flow condition with moderate congestion Delay: 20 to 35 seconds/vehicle 		LOS C
<ul style="list-style-type: none"> Approaching unstable condition with increasing congestion Delay: 35 to 55 seconds/vehicle 		LOS D
<ul style="list-style-type: none"> Unstable, congested condition Delay: 55 to 80 seconds/vehicle 		LOS E
<ul style="list-style-type: none"> Stop and go Delay: >80 seconds/vehicle 		LOS F



Traffic - AADT Alt 1 & 2 (Concept 3 & 3*) 2050 Build

LEGEND

2050 AADT (vehicles per day)

X/Y AM PEAK LOS/PM PEAK LOS

Intersection

- Highly stable, free-flow condition with little or no congestion
- Delay: <10 seconds/vehicle



LOS A

- Stable, free-flow condition with little congestion
- Delay: 10 to 20 seconds/vehicle



LOS B

- Free-flow condition with moderate congestion
- Delay: 20 to 35 seconds/vehicle



LOS C

- Approaching unstable condition with increasing congestion
- Delay: 35 to 55 seconds/vehicle



LOS D

- Unstable, congested condition
- Delay: 55 to 80 seconds/vehicle

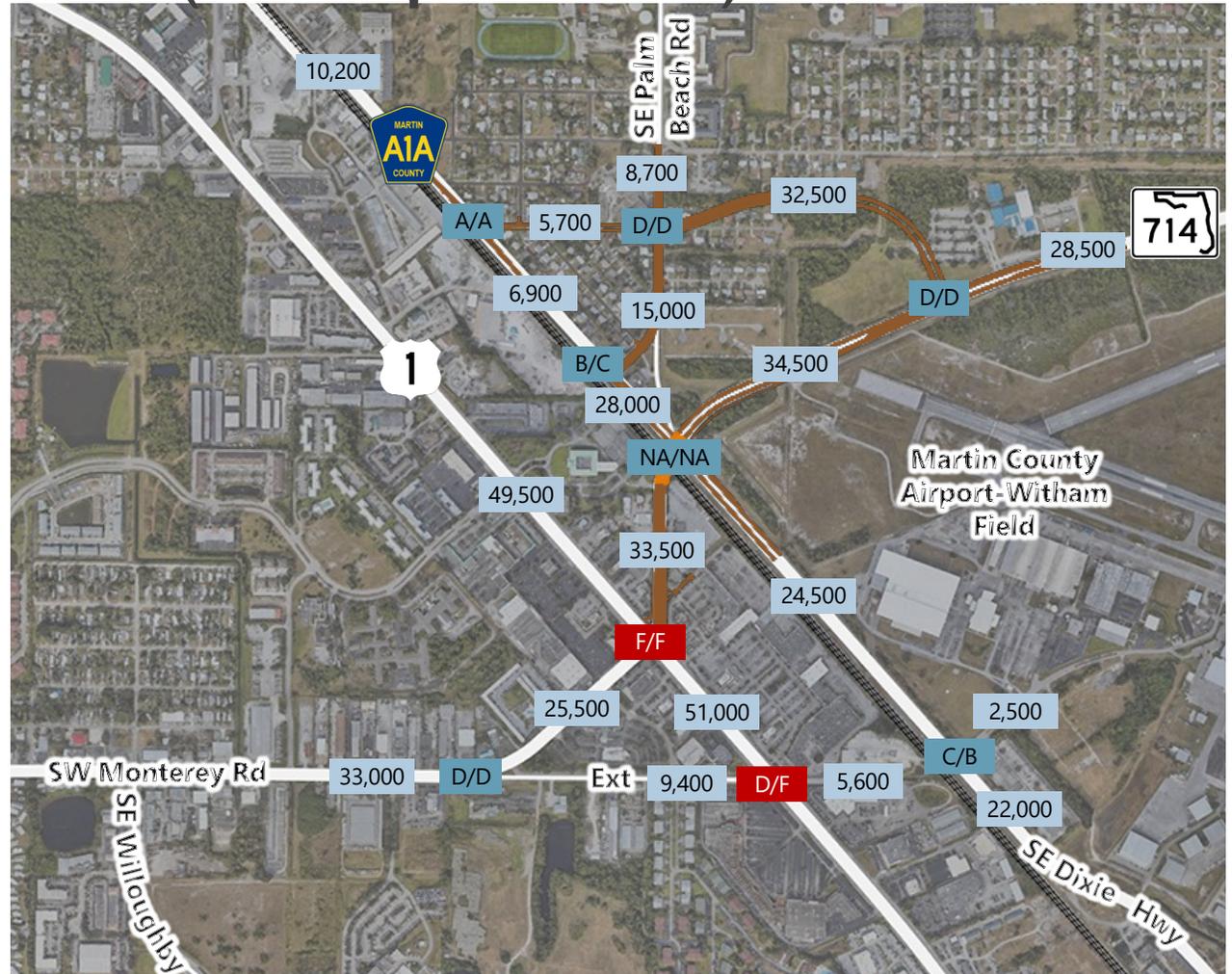


LOS E

- Stop and go
- Delay: >80 seconds/vehicle



LOS F



Traffic - AADT Alt 3 (Concept 10) 2050 Build

LEGEND

2050 AADT (vehicles per day)

X/Y AM PEAK LOS/PM PEAK LOS

Intersection

- Highly stable, free-flow condition with little or no congestion
- Delay: <10 seconds/vehicle



LOS A

- Stable, free-flow condition with little congestion
- Delay: 10 to 20 seconds/vehicle



LOS B

- Free-flow condition with moderate congestion
- Delay: 20 to 35 seconds/vehicle



LOS C

- Approaching unstable condition with increasing congestion
- Delay: 35 to 55 seconds/vehicle



LOS D

- Unstable, congested condition
- Delay: 55 to 80 seconds/vehicle

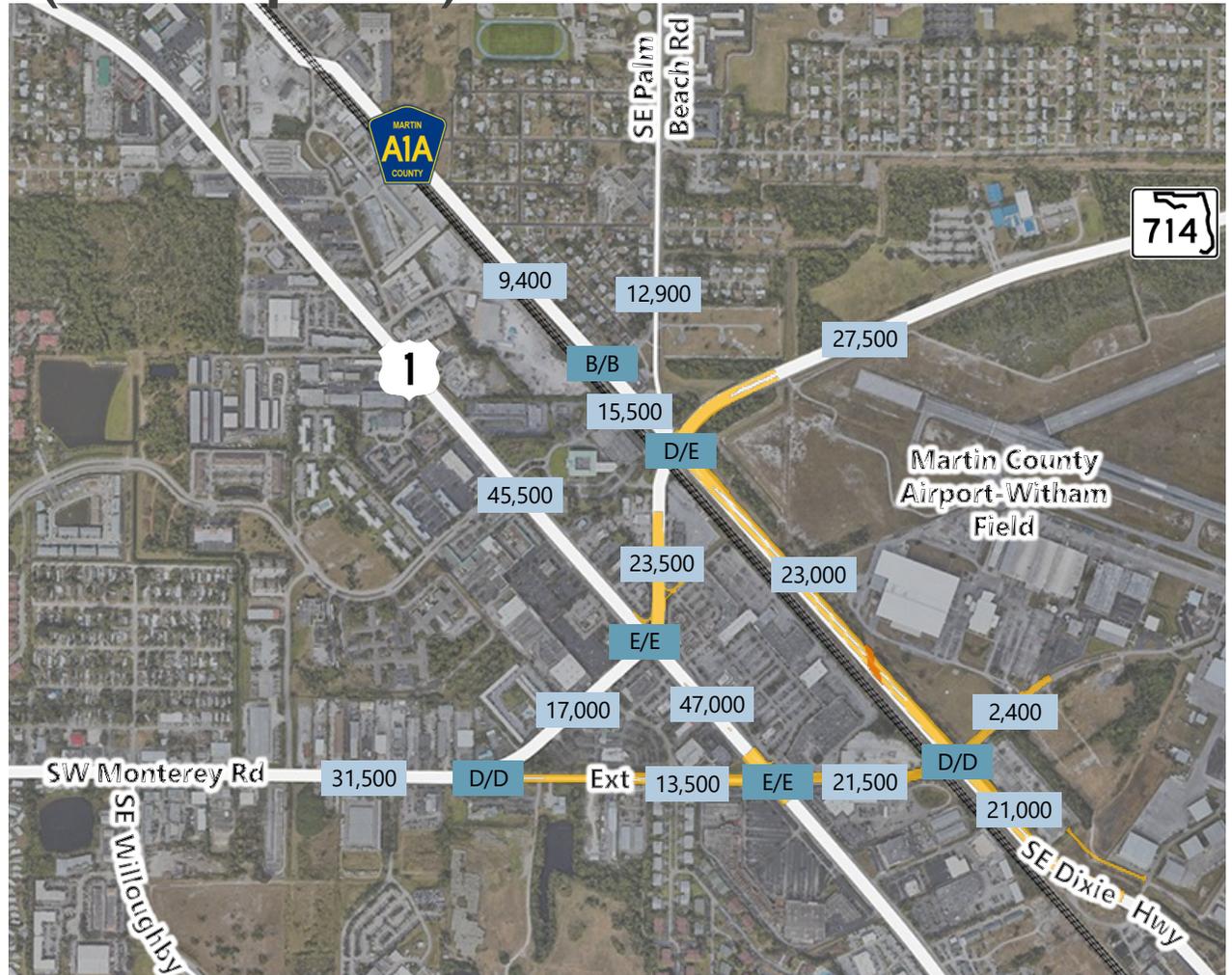


LOS E

- Stop and go
- Delay: >80 seconds/vehicle



LOS F



Tier 2 Evaluation Matrix

Level of impact & relative to each alternative:

Low	Medium	High
-----	--------	------

Evaluation Criteria/Potential Involvement	No Build	TSM&O	ALT 1 (3)	ALT 2 (3*)	ALT 3 (10)
Engineering					
Railroad Operations	-	-	Low	Low	Medium
Runway Surfaces	-	-	Medium	Medium	Low
Airport Property	-	-	Low	Low	Low
Parcel Encroachment					
Number of Parcels Impacted	0	8	43	22	16
Right-of-Way Impact Area (Acres)	0	0.43	6.4	6.1	2.2
Number of Residential Relocations	0	0	18	4	0
Number of Business Relocations	0	0	1	2	2
Overall Parcel Impact	-	Low	High	High	Medium
Environmental					
Archeological/Historical Sites	-	-	Low	Low	Low
Section 4(f) Sites Involvement	-	-	1	1	1
Noise	-	-	Low	Low	Low
Wetlands/Other Surface Water (Acres)	-	-	0.58	0.58	0.35
Protected Species Involvement	-	-	Low	Low	Low
Petroleum & Hazardous Materials Sites	-	-	Medium	Medium	Medium
Cost (Right-of-Way and Construction)					
Total	-		\$71.3M	\$62.3M	\$65.4M

Level of improvement & relative to each alternative:

Low	Medium	High
-----	--------	------

Evaluation Criteria	No Build	TSM&O	ALT 1 (3)	ALT 2 (3*)	ALT 3 (10)
Purpose & Need					
Improve Traffic Operations	-	Low	Low	Low	High
Establish More Efficient Road System Connectivity	-	-	Low	Low	High
Provide Enhanced Emergency Evacuation	-	-	Medium	Medium	High
Improve Sidewalks and Bike Lane Network	-	-	High	High	High

Public Involvement

Public Meetings

Public Kick-Off Meeting Completed – December 4, 2024

Alternatives Public Workshop – March 11/12 2026

Public Hearing – January 2027

- Attend Public Meetings
- Provide your input
- Visit the project webpage:
<https://www.fdot.gov/projects/montereyrd-fec-study>

Stakeholder Meetings



Elected Officials
Local Businesses
Local Neighborhoods



Project Website

<https://www.fdot.gov/projects/montereyrd-fec-study>



We encourage you to become and stay involved throughout the entire project.

Visit the project website to learn more about the study and to provide feedback.



Next Steps

- Continue Public Involvement
- Develop Preferred Alternative
- Prepare for Public Hearing



Thank you for Participating!

Project Website

<https://www.fdot.gov/projects/montereyrd-fec-study>

Project Manager Contact Information:

Robert Lopes, P.E.

FDOT District Four
3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

Email: Robert.lopes@dot.state.fl.us

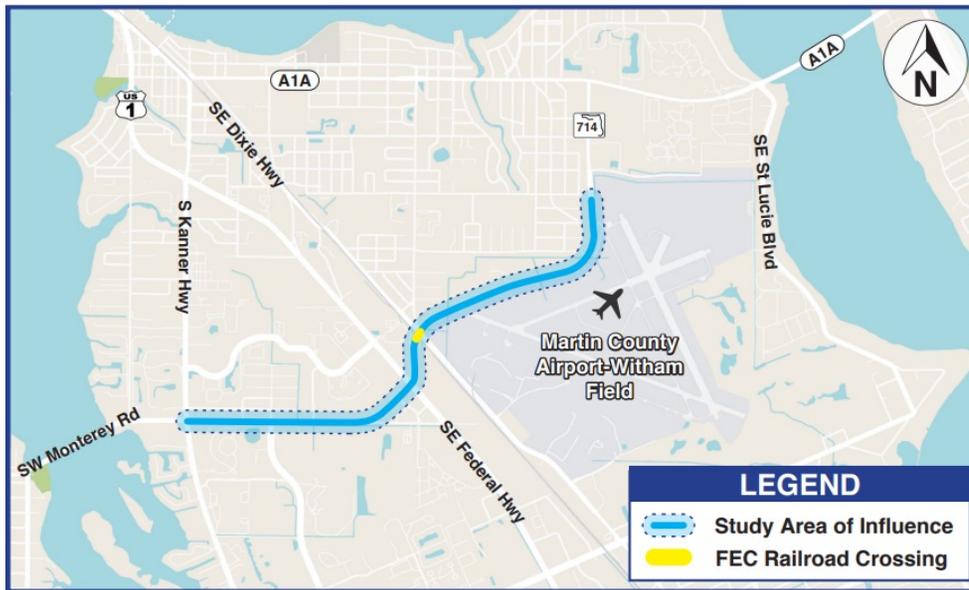
Telephone: 954-777-4425

Toll-Free: 866-336-8435 Ext. 4425

Please submit
comments or questions:



Thank you for attending the Alternatives Public Workshop for the Monterey Road PD&E Study



Bicycle Safety Month



THIS IS HOW I ROLL



State Road (S.R.) 714/Monterey Road at FEC Railroad Crossing
Martin County, Florida
Project Development & Environment (PD&E) Study

THANK YOU



Florida Department Of Transportation
Financial Project ID: 441636-2-22-02