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

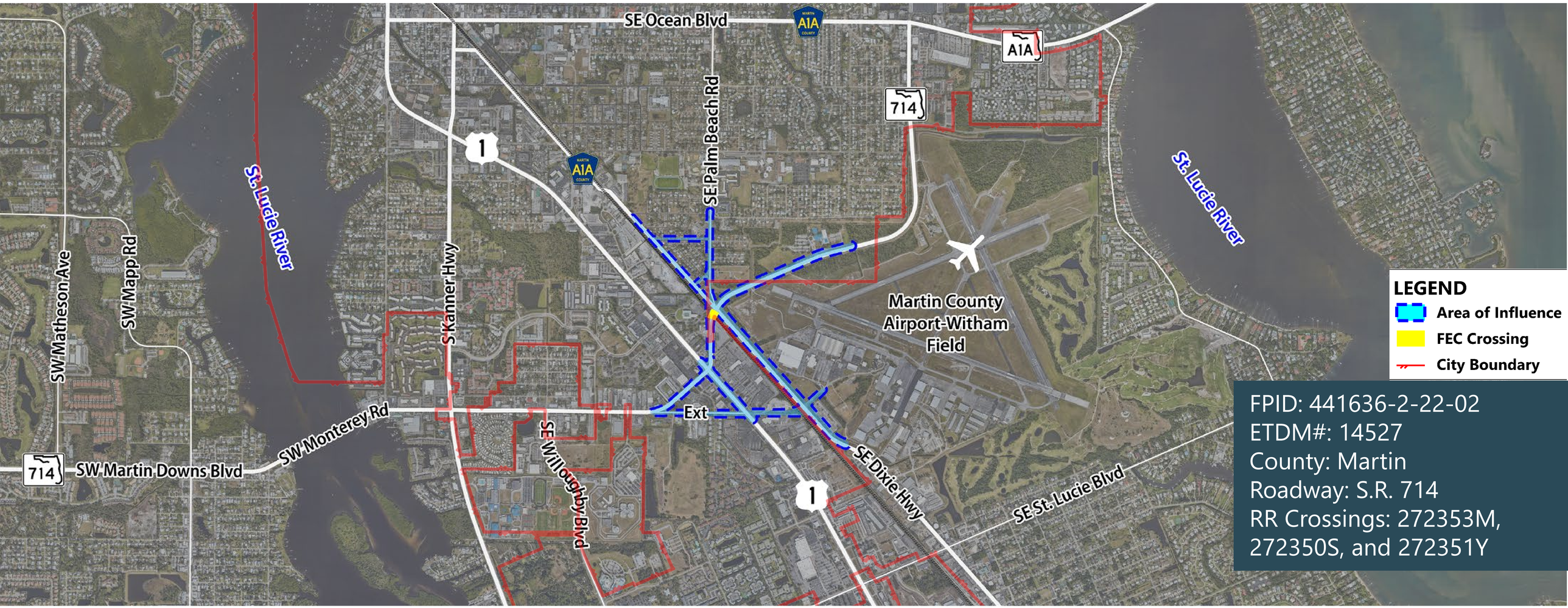
Welcome / Bienvenidos



Florida Department Of Transportation
Financial Project ID: 441636-2-22-02
ETDM Number: 14527

Public Hearing
Virtual: November 17, 2026 In-Person: November 18, 2026

Project Study Area



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

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 the Monterey Road /CR A1A intersection due to historical travel delays. Therefore, FDOT is conducting this study.
- Improvements along SR 714/Monterey Road will enhance local and regional connectivity
- Monterey Road is an evacuation route. Improved traffic flow will provide a better, more efficient evacuation.
- Sidewalks, bike lanes, and other enhancements will improve safety for the local community.

Objectives

- Evaluate alternatives to eliminate or reduce conflicts at S.R. 714 and the Florida East Coast (FEC) Railway
- Analyze build alternatives in addition to the "No Build”
- Obtain **Location Design Concept Acceptance** for a proposed alternative that meets the purpose and need



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

1. PLANNING
2. PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY
3. DESIGN
4. RIGHT OF WAY ACQUISITION (IF NEEDED)
5. CONSTRUCTION
6. MAINTENANCE

Data Collection/ Initial Stakeholder Coordination

- FEC
- Martin County MPO
- Witham Field
- FWC
- FDEP
- City of Stuart
- FAA

Develop 3 Alternatives

- Purpose & Need
- Stakeholder feedback
- Feasibility

Alternative Engineering Analysis

- Traffic Evaluation
- Safety Analysis
- Roadway Analysis
- Structure Analysis
- Drainage
- Cost/Benefit

Alternative Environmental Analysis

- Social Economic
- Environmental Studies
  - Cultural
  - Natural
  - Physical

Final Documents

- Categorical Exclusion Type II
- FHWA (LDCA)

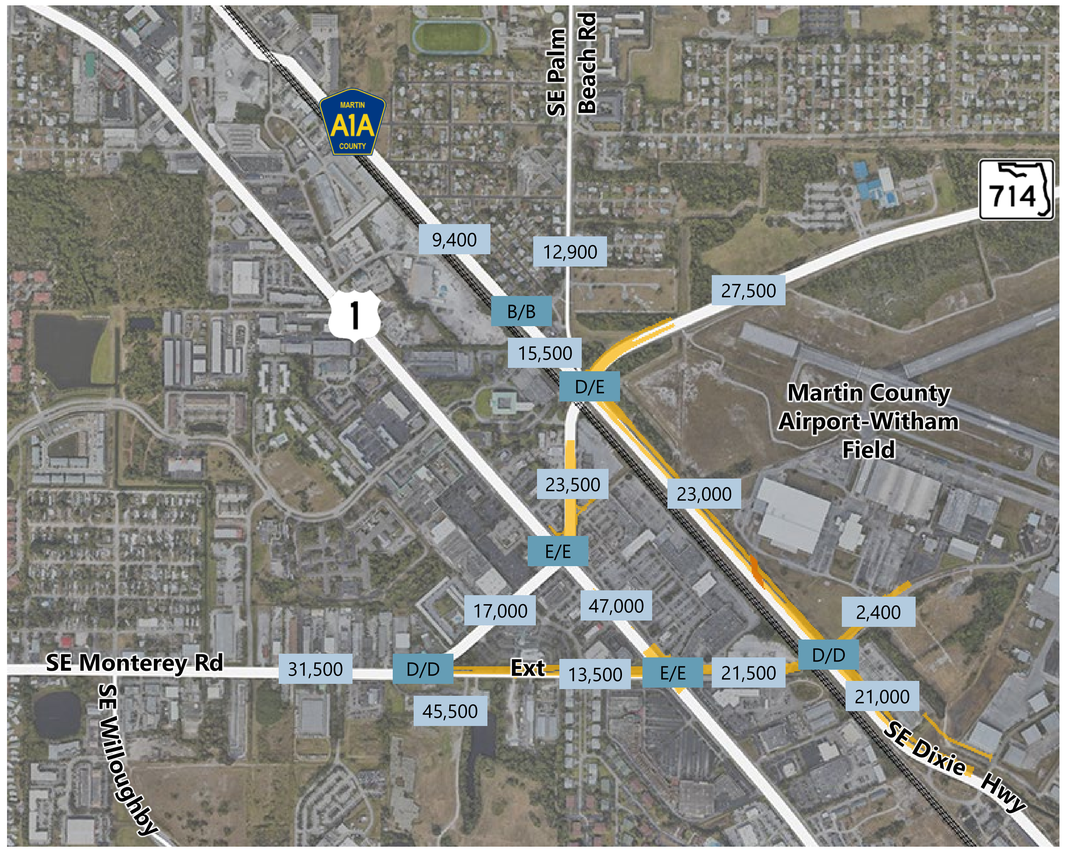
Continuous Public Involvement

Traffic - Annual Average Daily Traffic (AADT) & Level Of Service (LOS)

2050 No-Build



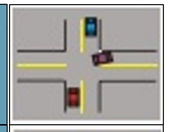
2050 Build



LEGEND

#	2050 AADT (vehicles per day)
X/Y	AM/PM (LOS D or Better)
X/Y	AM/PM Peak (LOS E or F)

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



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



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



LOS D
Free-flow condition with moderate congestion.
Delay: 35 to 55 seconds/vehicle



LOS E
Unstable, congestion condition.
Delay: 55 to 80 seconds/vehicle



LOS F
Stop and Go congestion.
Delay: 55 to 80 seconds/vehicle



FDOT

Evaluation Matrix

Level of impact & relative to each alternative: Low | Medium | High

Evaluation Criteria/Potential Involvement	No Build	Preferred ALT
Engineering		
Railroad Operations	-	Medium
Runway Surfaces	-	Low
Airport Property	-	Low
Parcel Encroachment		
Number of Parcels Impacted	0	23
Right-of-Way Impact Area (Acres)	0	8.1
Number of Residential Relocations	0	0
Number of Business Relocations	0	2
Overall Parcel Impact	-	Medium
Environmental		
Archeological/Historical Sites	-	Low
Section 4(f) Sites Involvement	-	1
Noise	-	Low
Wetlands/Other Surface Water (Acres)	-	0.35
Protected Species Involvement	-	Low
Petroleum & Hazardous Materials Sites	-	Medium
Cost (Right-of-Way and Construction)		
Total	-	$65.4M

Level of improvement & relative to each alternative: Low | Medium | High

Evaluation Criteria/Potential Involvement	No Build	Preferred ALT
Purpose & Need		
Improve Traffic Operations	-	High
Establish More Effcient Road System Connectivity	-	High
Provide Enhanced Emergency Evacuation	-	High
Improve Sidewalks and Bike Lane Network	-	High

Project Schedule

PD&E Study Began: September 2023

Public Hearing: November 2026

Location & Design Concept Acceptance (LDCA)/ Study Complete: May 2027

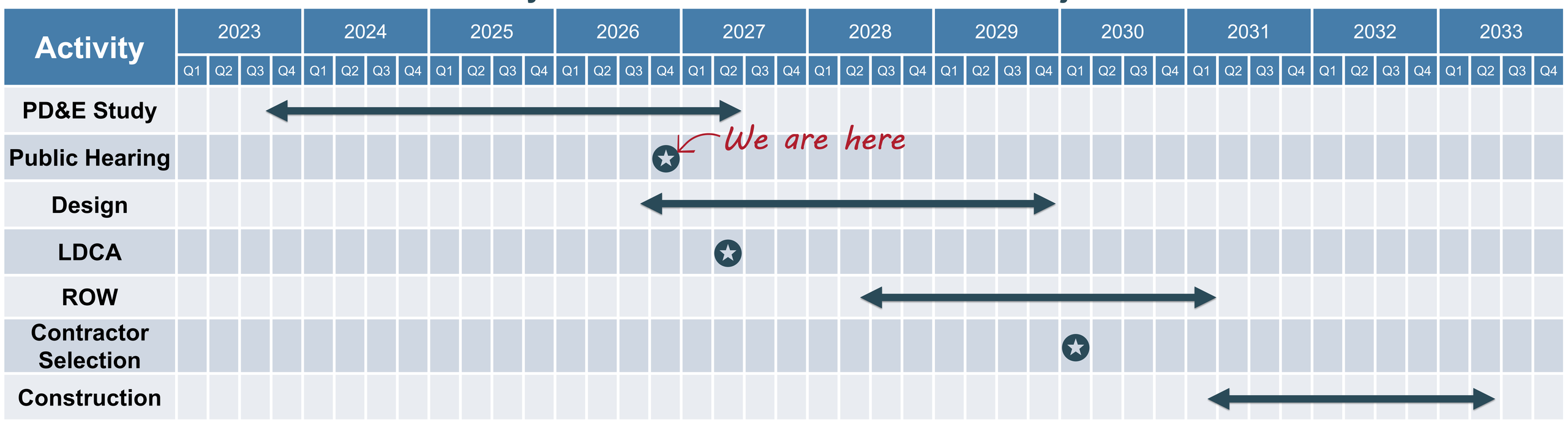
Design, ROW and Construction are funded:

Design Begins: January 2027

ROW Begins: May 2028

Construction Begins: March 2031

S.R. 714/Monterey Road at FEC Railroad Crossroad Project Schedule



Contact Information

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

Project Website

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

Please submit
comments or questions:

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.

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

Visualization of Preferred Alternative

