

The logo for the Central Florida Expressway Authority is centered in the upper portion of the image. It consists of the words "CENTRAL", "FLORIDA", "EXPRESSWAY", and "AUTHORITY" stacked vertically in a bold, sans-serif font. The word "EXPRESSWAY" is highlighted in orange, while the other words are in black. The text is contained within a white rectangular box with orange horizontal bars above and below it.

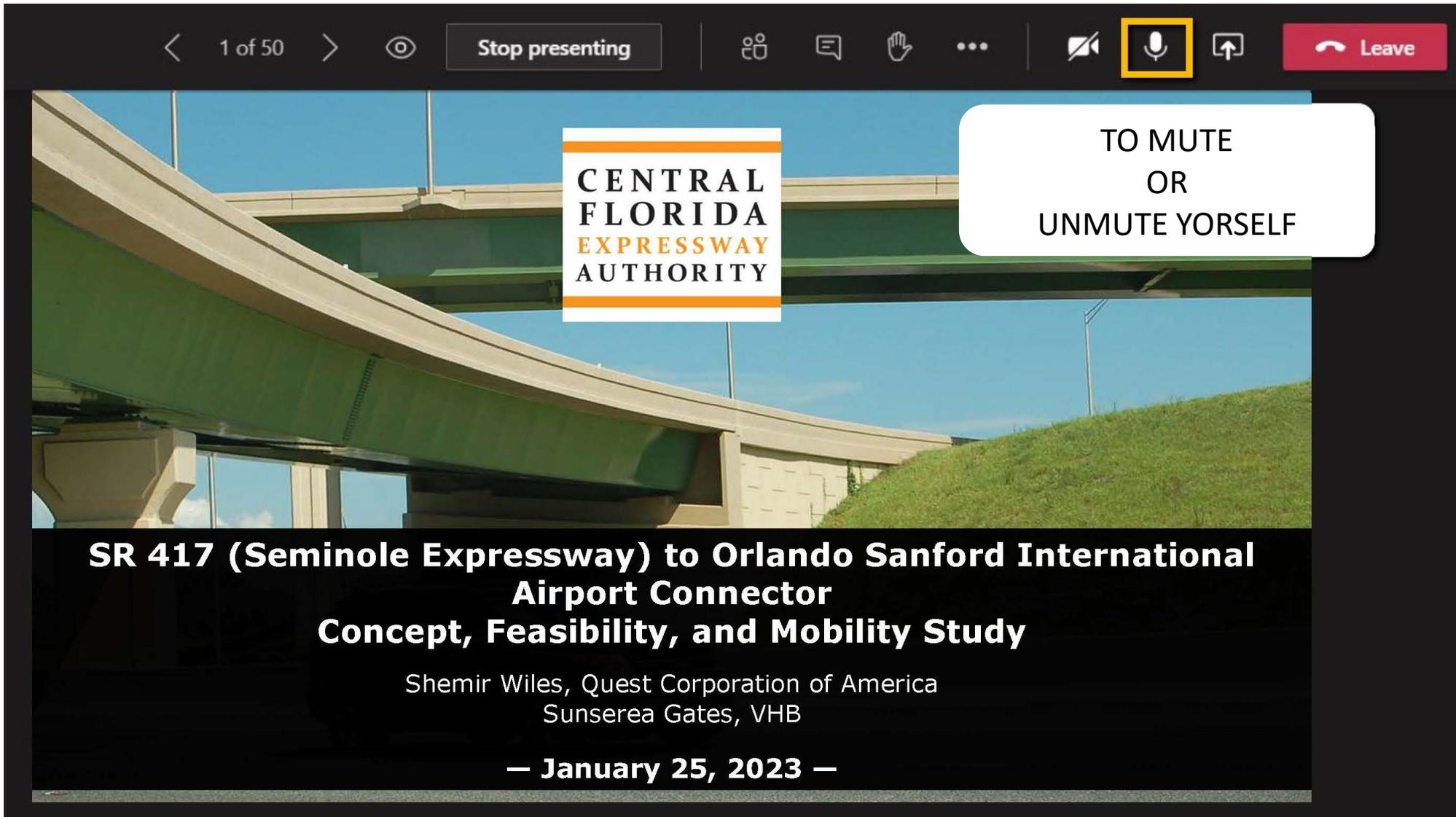
**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

**SR 417 (Seminole Expressway) to Orlando Sanford International
Airport Connector
Concept, Feasibility, and Mobility Study**

Shemir Wiles, Quest Corporation of America
Sunserea Gates, VHB

— January 25, 2023 —

SR 417 to Orlando Sanford Airport Connector



1 of 50

Stop presenting

TO MUTE
OR
UNMUTE YOURSELF

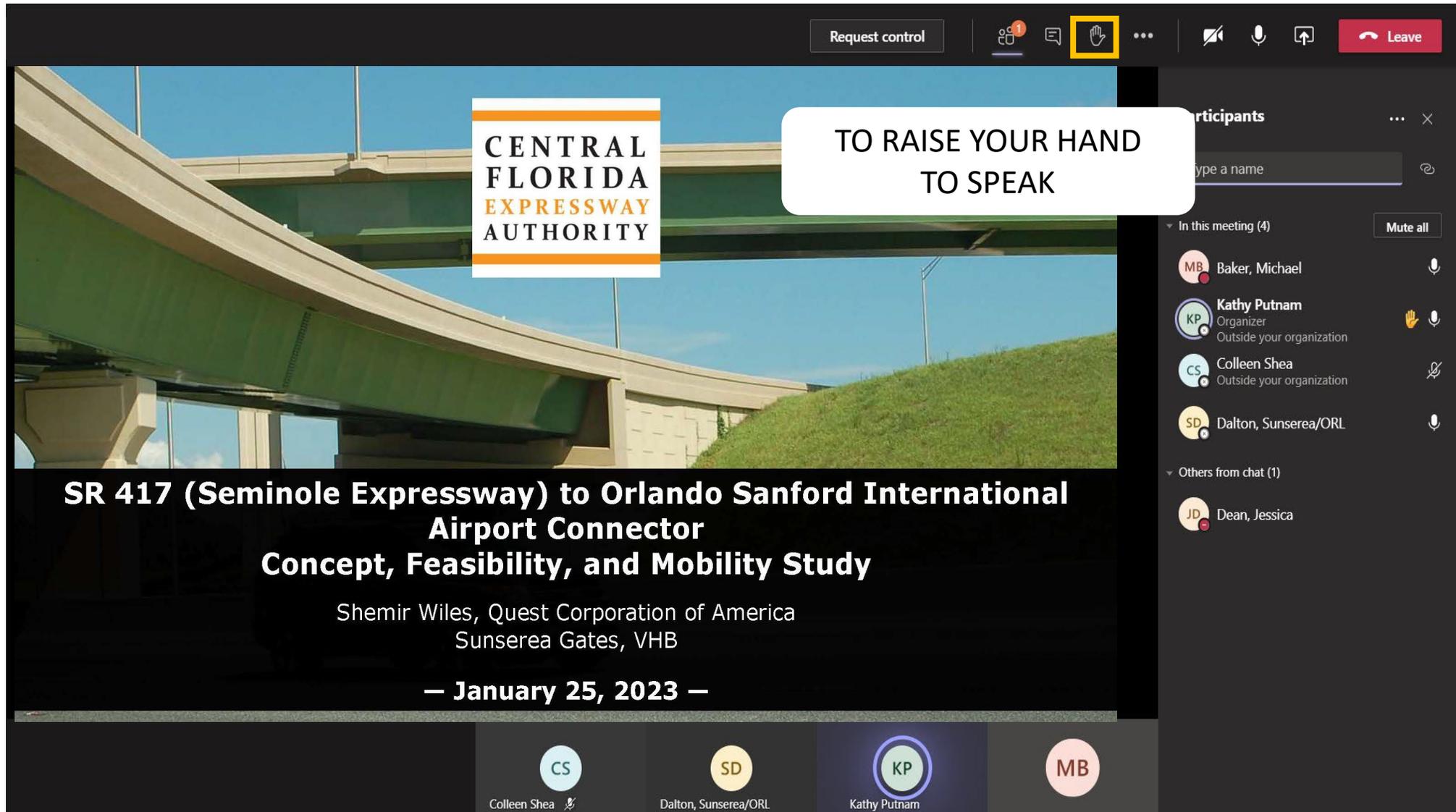
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AUTHORITY

SR 417 to Orlando Sanford Airport Connector



The image is a screenshot of a Zoom meeting. The main content area displays a presentation slide with the Central Florida Expressway Authority logo and a call to action. The meeting controls at the top show the 'Raise Hand' icon highlighted. The participant list on the right shows four people in the meeting, with Kathy Putnam having her hand raised. The bottom of the screen shows the video thumbnails for Colleen Shea, Dalton, and Kathy Putnam.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

TO RAISE YOUR HAND TO SPEAK

SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector
Concept, Feasibility, and Mobility Study

Shemir Wiles, Quest Corporation of America
Sunserea Gates, VHB

— January 25, 2023 —

Participants

- MB Baker, Michael
- KP Kathy Putnam, Organizer, Outside your organization (Hand raised)
- CS Colleen Shea, Outside your organization
- SD Dalton, Sunserea/ORL

Others from chat (1)

- JD Dean, Jessica

Colleen Shea (CS)

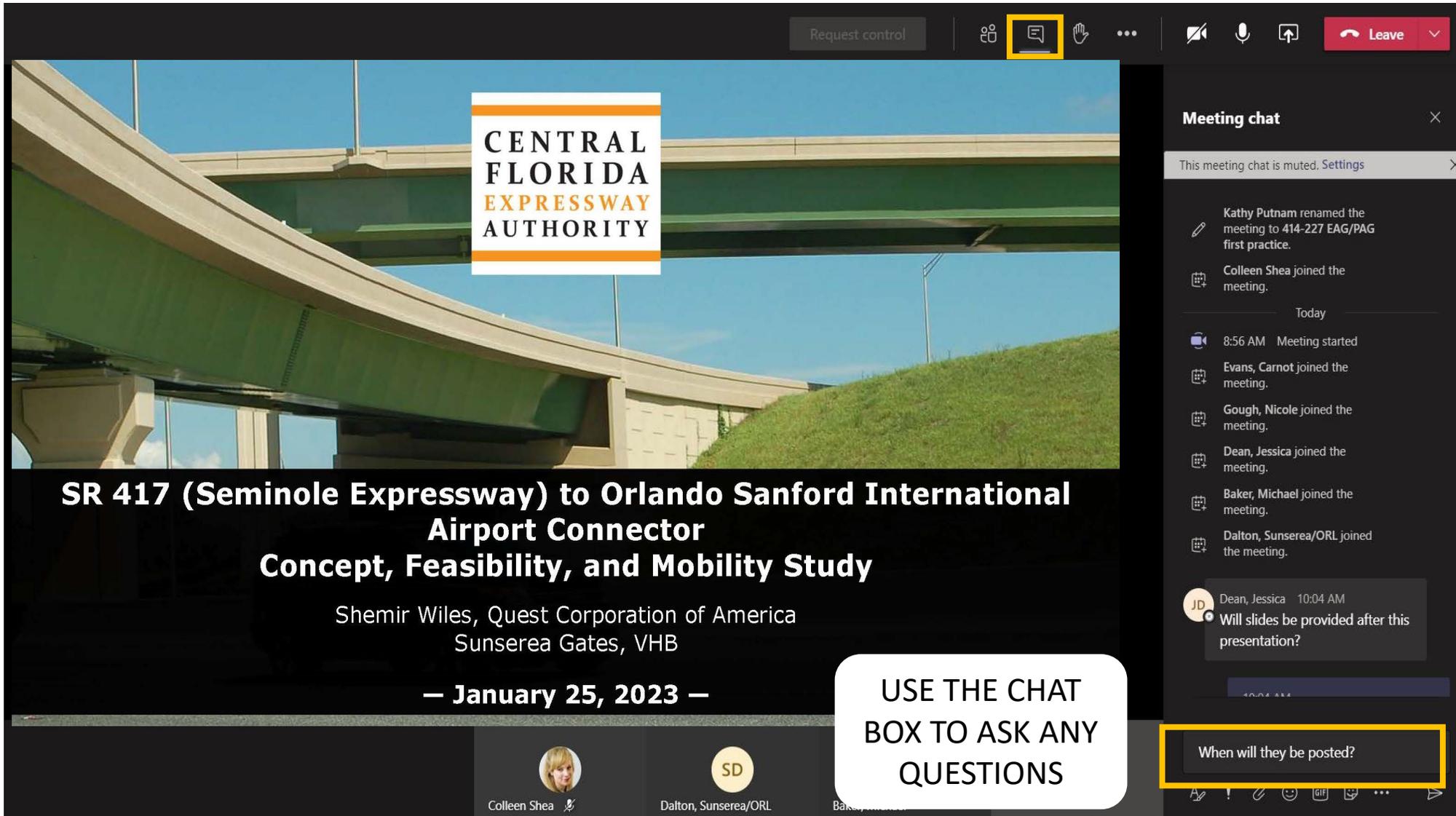
Dalton, Sunserea/ORL (SD)

Kathy Putnam (KP)

MB

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

SR 417 to Orlando Sanford Airport Connector



The image is a screenshot of a Zoom meeting. The main window displays a presentation slide with the Central Florida Expressway Authority logo and the following text: "SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector Concept, Feasibility, and Mobility Study". Below the title, it lists "Shemir Wiles, Quest Corporation of America" and "Sunserea Gates, VHB", followed by the date "January 25, 2023". The Zoom interface includes a top toolbar with a chat icon highlighted in yellow, a "Leave" button, and a "Meeting chat" sidebar on the right. The chat sidebar shows a muted status and a list of participants who have joined. A chat message from "JD" (Dean, Jessica) asks, "Will slides be provided after this presentation?". A text box at the bottom of the chat window contains the question "When will they be posted?". At the bottom of the Zoom window, participant avatars for Colleen Shea and Dalton, Sunserea/ORL are visible.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector
Concept, Feasibility, and Mobility Study

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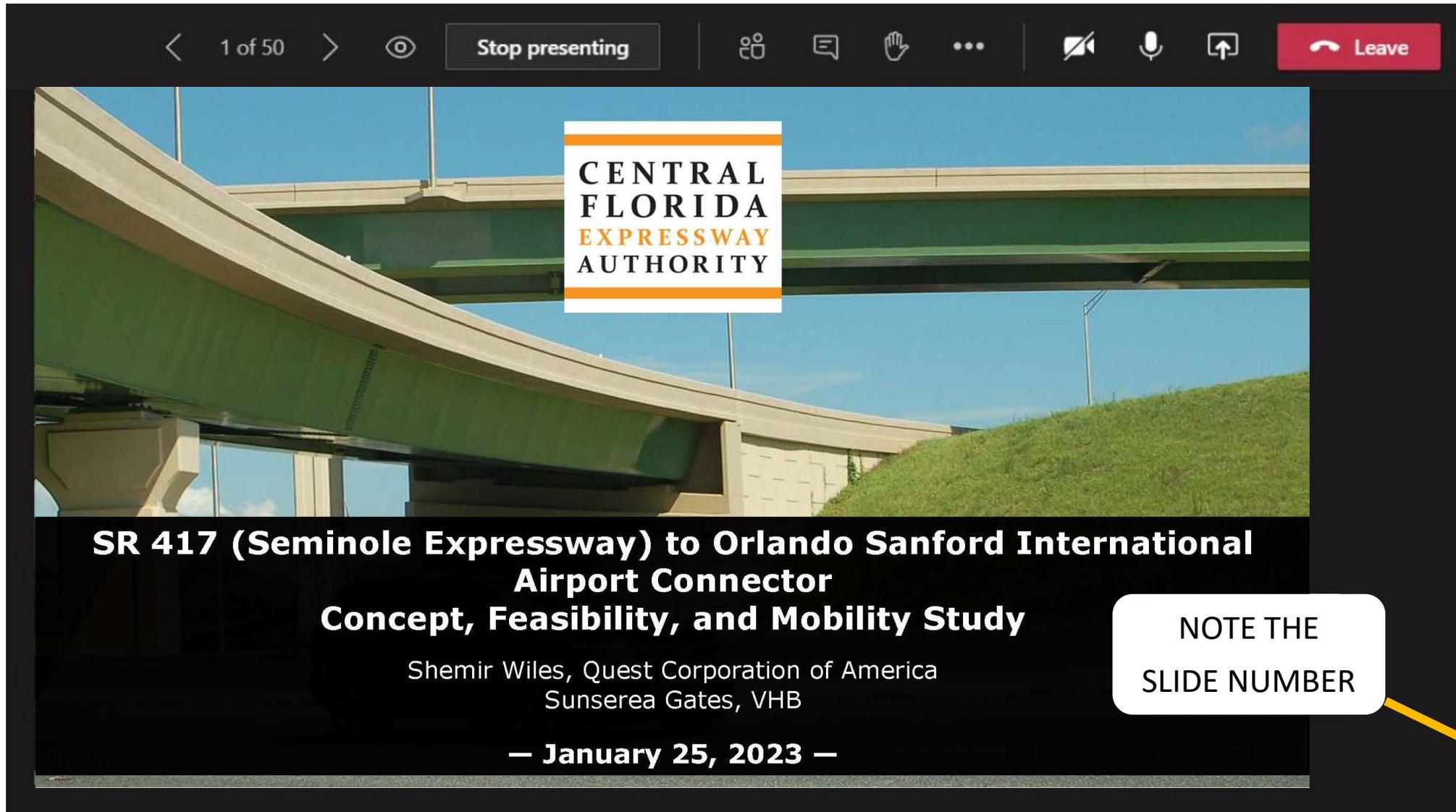
— January 25, 2023 —

USE THE CHAT BOX TO ASK ANY QUESTIONS

When will they be posted?

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

SR 417 to Orlando Sanford Airport Connector



1 of 50

Stop presenting

CENTRAL
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**SR 417 (Seminole Expressway) to Orlando Sanford International
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— January 25, 2023 —

NOTE THE
SLIDE NUMBER

CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY

5

SR 417 to Orlando Sanford Airport Connector

The image is a screenshot of a Zoom meeting. The main content is a presentation slide with a background image of a highway interchange. The slide features the Central Florida Expressway Authority logo in the top left. A white callout box in the top right of the slide says "TO VIEW THE PARTICIPANTS". The slide text reads: "SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector Concept, Feasibility, and Mobility Study", "Shemir Wiles, Quest Corporation of America", "Sunserea Gates, VHB", and "— January 25, 2023 —". The Zoom interface includes a top toolbar with "Request control", a highlighted "Participants" icon, and a "Leave" button. A right-hand sidebar shows a "Participants" list with a search bar and a "Mute all" button. The list includes: "In this meeting (4)" with participants Michael Baker (MB), Colleen Shea (CS), Dalton, Sunserea/ORL (SD), and Kathy Putnam (KP); and "Others from chat (1)" with participant Jessica Dean (JD). At the bottom of the Zoom window, a gallery view shows icons for Colleen Shea (CS), Dalton, Sunserea/ORL (SD), Kathy Putnam (KP), and Michael Baker (MB).

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

TO VIEW THE PARTICIPANTS

SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector
Concept, Feasibility, and Mobility Study

Shemir Wiles, Quest Corporation of America
Sunserea Gates, VHB

— January 25, 2023 —

Participants

Type a name

In this meeting (4) Mute all

- MB Baker, Michael
- CS Colleen Shea
Outside your organization
- SD Dalton, Sunserea/ORL
- KP Kathy Putnam
Organizer
Outside your organization

Others from chat (1)

- JD Dean, Jessica

CS Colleen Shea

SD Dalton, Sunserea/ORL

KP Kathy Putnam

MB

Title VI Compliance

This meeting, project, or study is being conducted without regard to race, color, national origin, age, sex, religion, disability or family status.

Persons wishing to express their concerns relative to compliance by the Central Florida Expressway Authority (CFX) with Title VI may do so by contacting:

Shemir Wiles

Public Involvement Coordinator

4974 ORL Tower Road Orlando, FL 32807

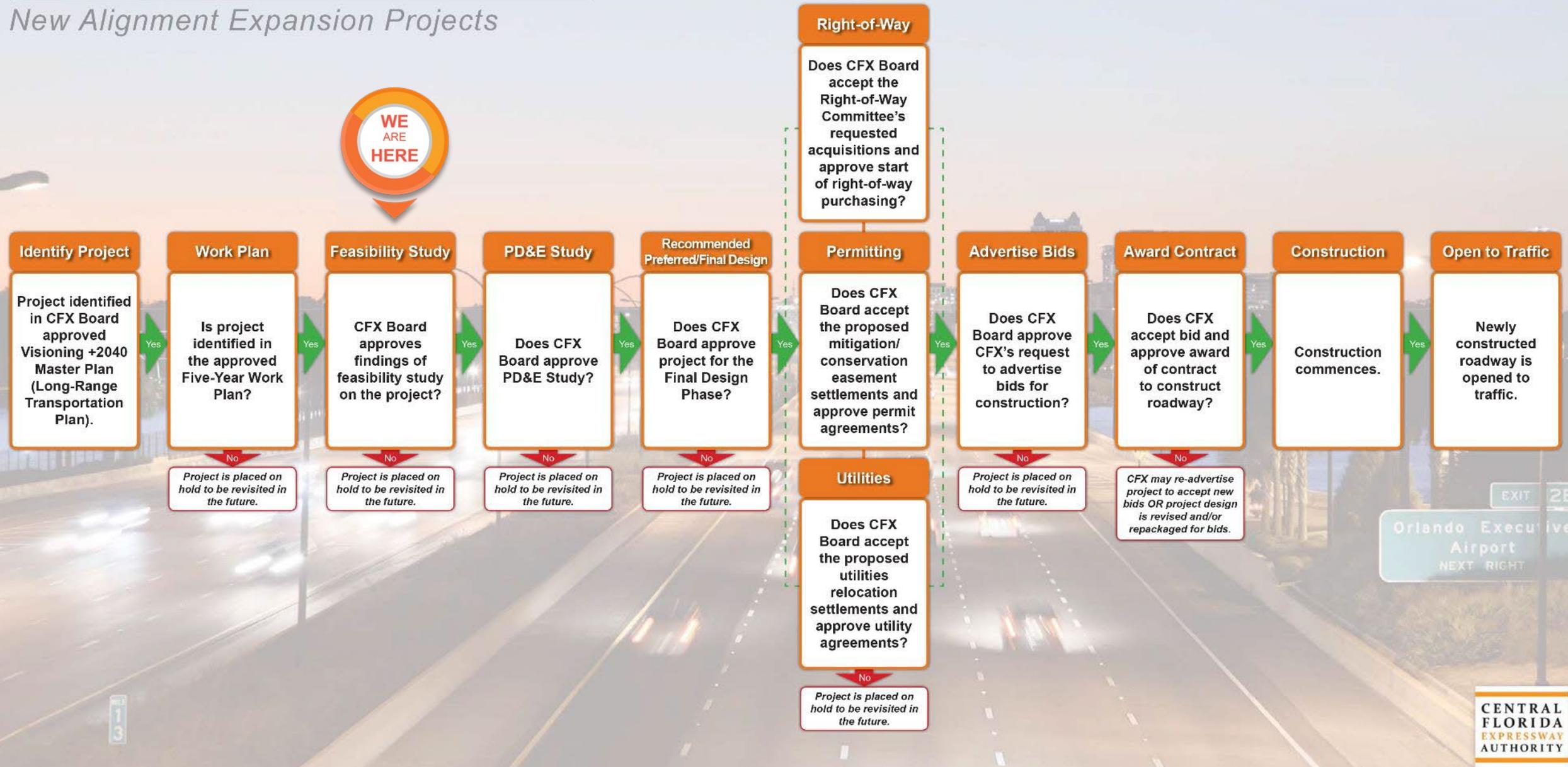
407-802-3210

ConceptStudies@CFXway.com

All inquiries or complaints will be handled according to CFX procedure and in a prompt and courteous manner.

PROJECT DEVELOPMENT PROCESS

New Alignment Expansion Projects



Advisory Group Roles

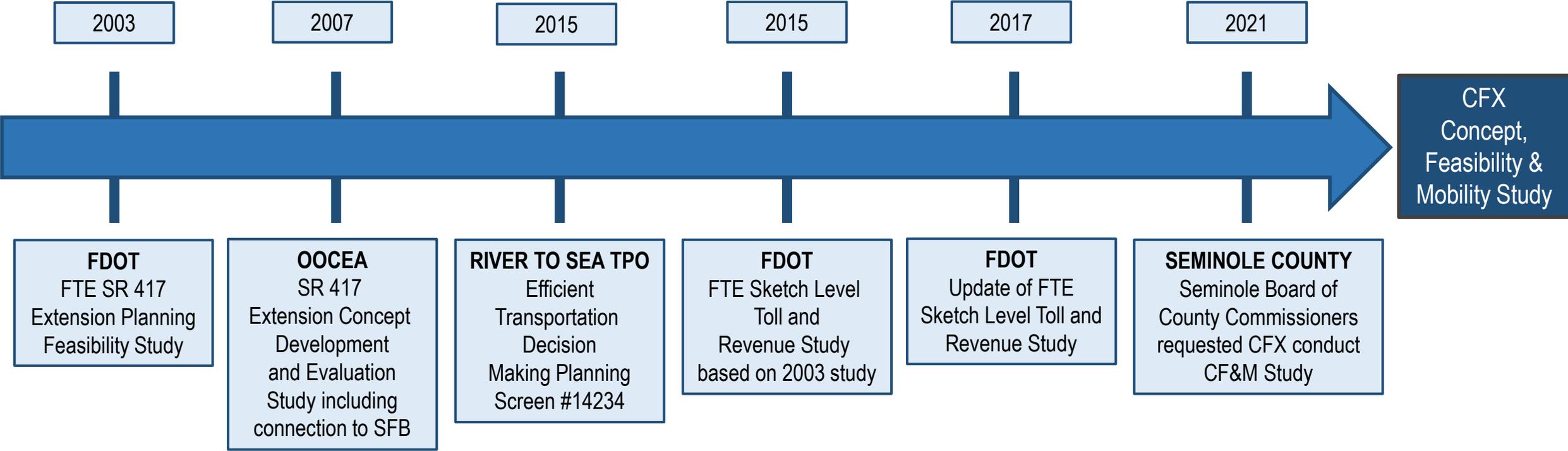
Environmental (EAG)

- Natural environment analysis
- Special advisory resource
- Input on environmental impact of project alternatives
- Local knowledge, issues and concerns regarding environmental impacts

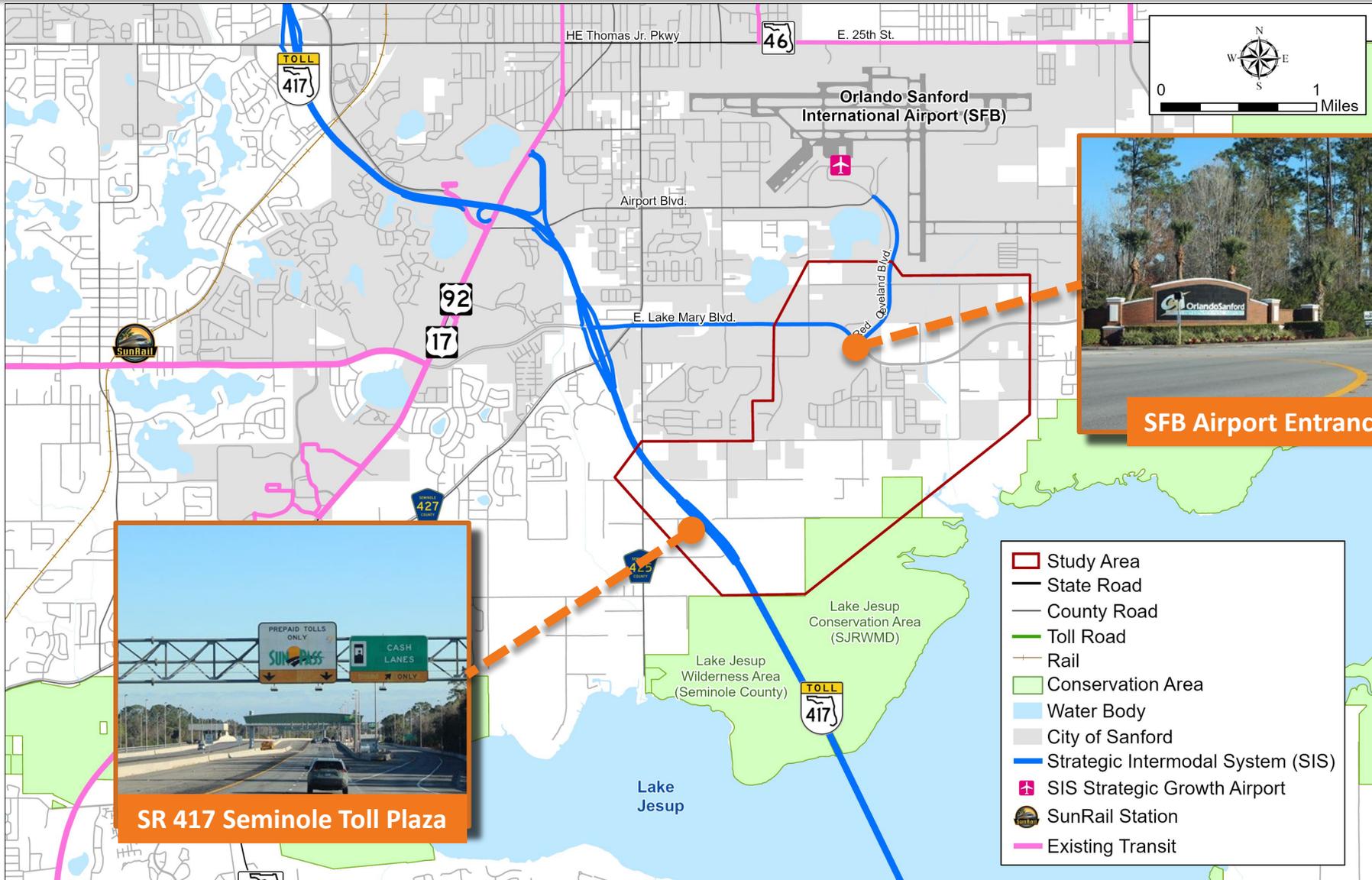
Project (PAG)

- Mobility analysis
- Special advisory resource
- Input on project alternatives
- Local knowledge, issues and concerns

Project Background



Regional Location Map

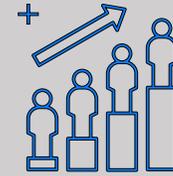


SFB Airport Entrance

SR 417 Seminole Toll Plaza

Purpose and Need

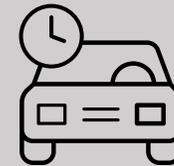
- Airport projected to serve 2.7M passengers by 2037 (91% increase)
- 10 planned developments or 55% of study area vacant lands
- Seminole County population (2050)
- SR 417 and CR 427/E. Lake Mary Blvd. Interchange Traffic Volume
 - 2050 No-Action AADT – 47,900
 - 2050 Build AADT – 30,900



**Supports
Passenger Growth**



**Improves Regional
Connectivity**



**Relieves
Constrained Local
Roadways**

Study Objectives

Identify Feasible Alternatives to provide a limited access connection within the study limits, including:

- Identify transportation mobility options
- Enhance direct access to the Orlando Sanford International Airport
- Enhance mobility for the area's growing population and economy
- Provide consistency with local plans and policies
- Promote regional connectivity
- Fulfill the recommendation of Seminole Board of County Commissioners to re-evaluate this corridor

CF&M Evaluation Criteria

Social Environment

- ❖ Residential
- ❖ Business
- ❖ Schools
- ❖ Churches
- ❖ Fire Stations
- ❖ Law Enforcement Facilities
- ❖ Cemeteries
- ❖ Approved and Planned Developments

Physical Environment

- ❖ Noise Sensitive Areas
- ❖ Railroads
- ❖ Major Utilities
- ❖ Contamination Sites
- ❖ Hazardous Material Sites
- ❖ Industrial Sites
- ❖ Underground Fuel Tanks

Natural Environment

- ❖ Wetlands
- ❖ Floodplains
- ❖ Protected Species
- ❖ Wildlife Habitat

Cultural Environment

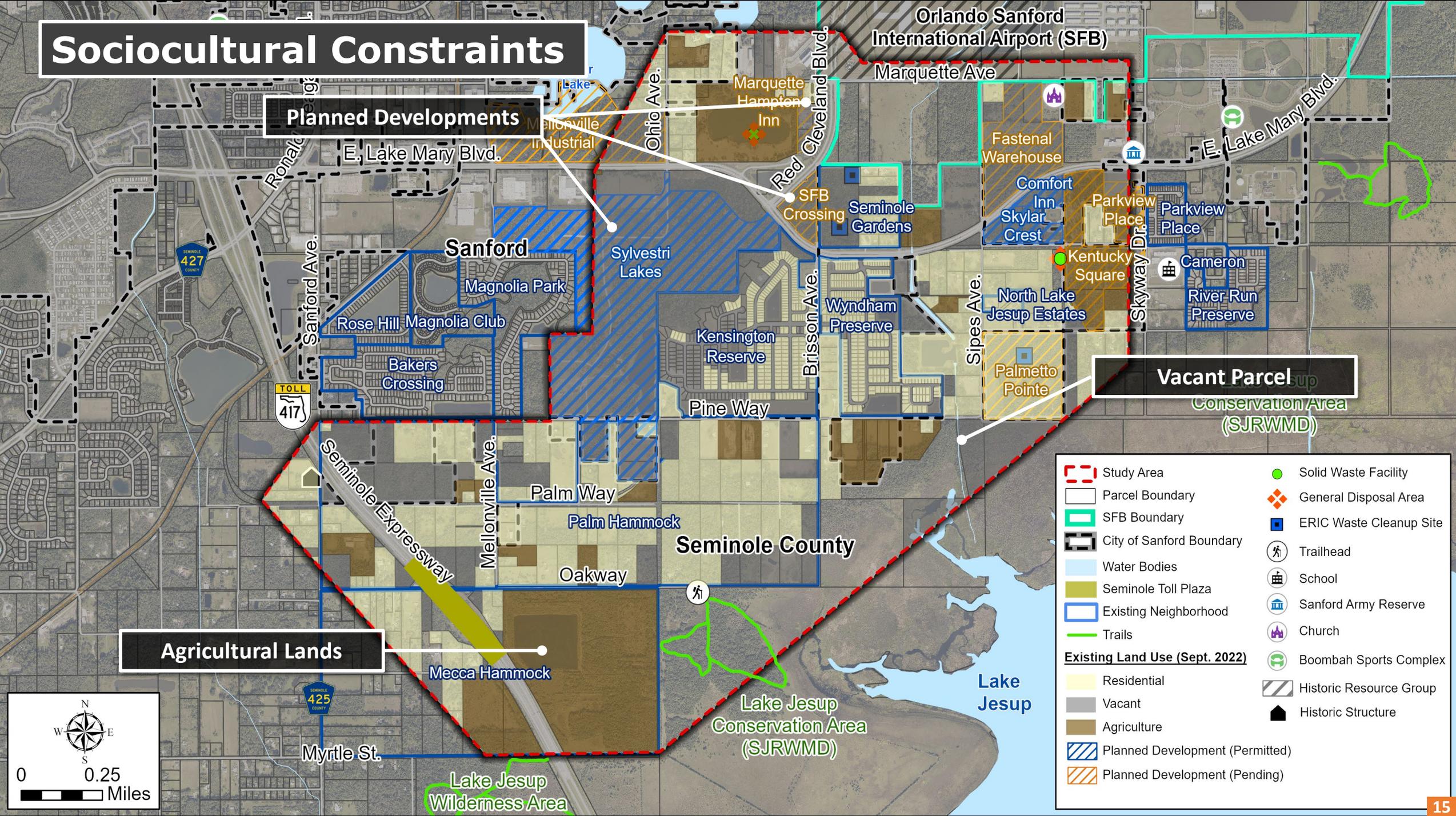
- ❖ Parks & Recreation
- ❖ Public Lands
- ❖ Conservation Areas
- ❖ Trails & Greenways
- ❖ Potential Archaeological Sites
- ❖ Potential Historic Resources

Sociocultural Constraints

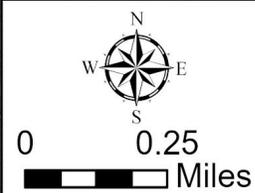
Planned Developments

Agricultural Lands

Vacant Parcel



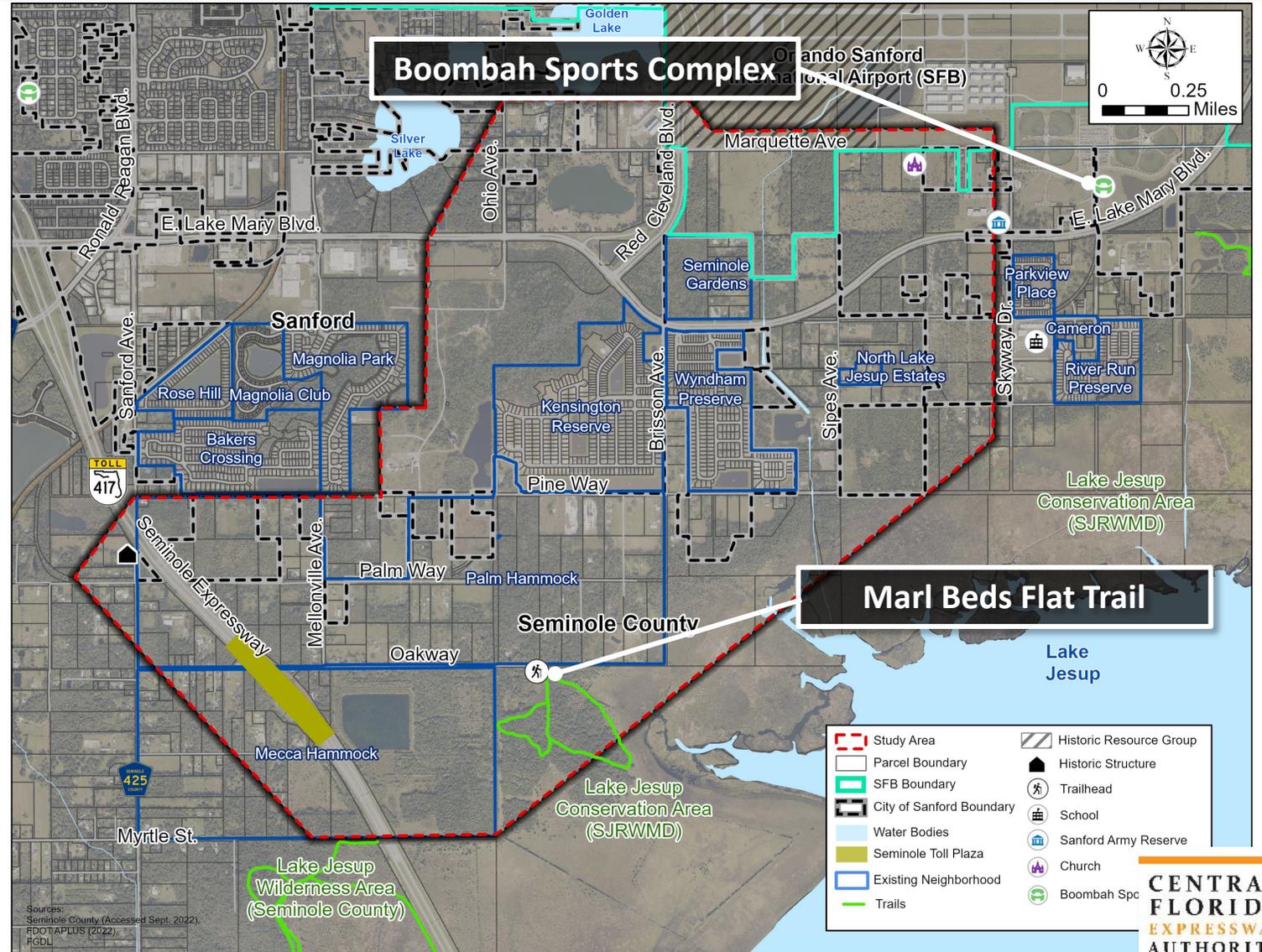
	Study Area		Solid Waste Facility
	Parcel Boundary		General Disposal Area
	SFB Boundary		ERIC Waste Cleanup Site
	City of Sanford Boundary		Trailhead
	Water Bodies		School
	Seminole Toll Plaza		Sanford Army Reserve
	Existing Neighborhood		Church
	Trails		Boombah Sports Complex
Existing Land Use (Sept. 2022)			Historic Resource Group
	Residential		Historic Structure
	Vacant		
	Agriculture		
	Planned Development (Permitted)		
	Planned Development (Pending)		



Existing Conditions – Community Facilities

Community Focal Points:

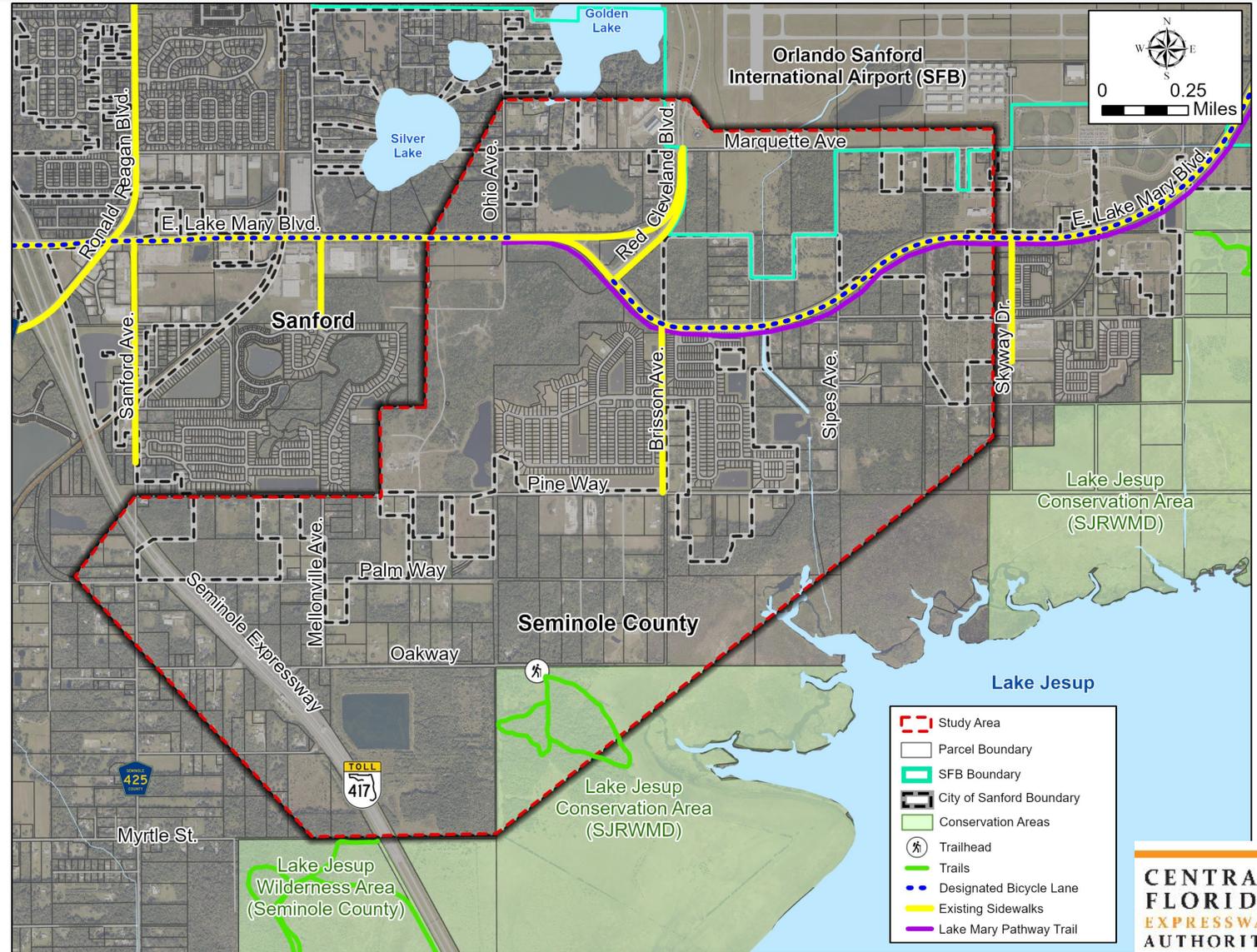
- Recreation Facilities
 - Boombah Sports Complex
 - Marl Beds Flat Trailhead and Trail
- Religious Facilities
- Sanford Army Reserve
- Galileo School for Gifted Learning
- Orlando Sanford International Airport (SFB)



Existing Conditions – Bicycle and Pedestrian

Pedestrian and Bicycle Facilities:

- 5-ft-wide sidewalks (East Lake Mary Blvd.)
- 8-ft-wide multi-use pathway (Lake Mary Pathway)
- Marl Beds Flat Trailhead and Trail (Lake Jesup Conservation Area)

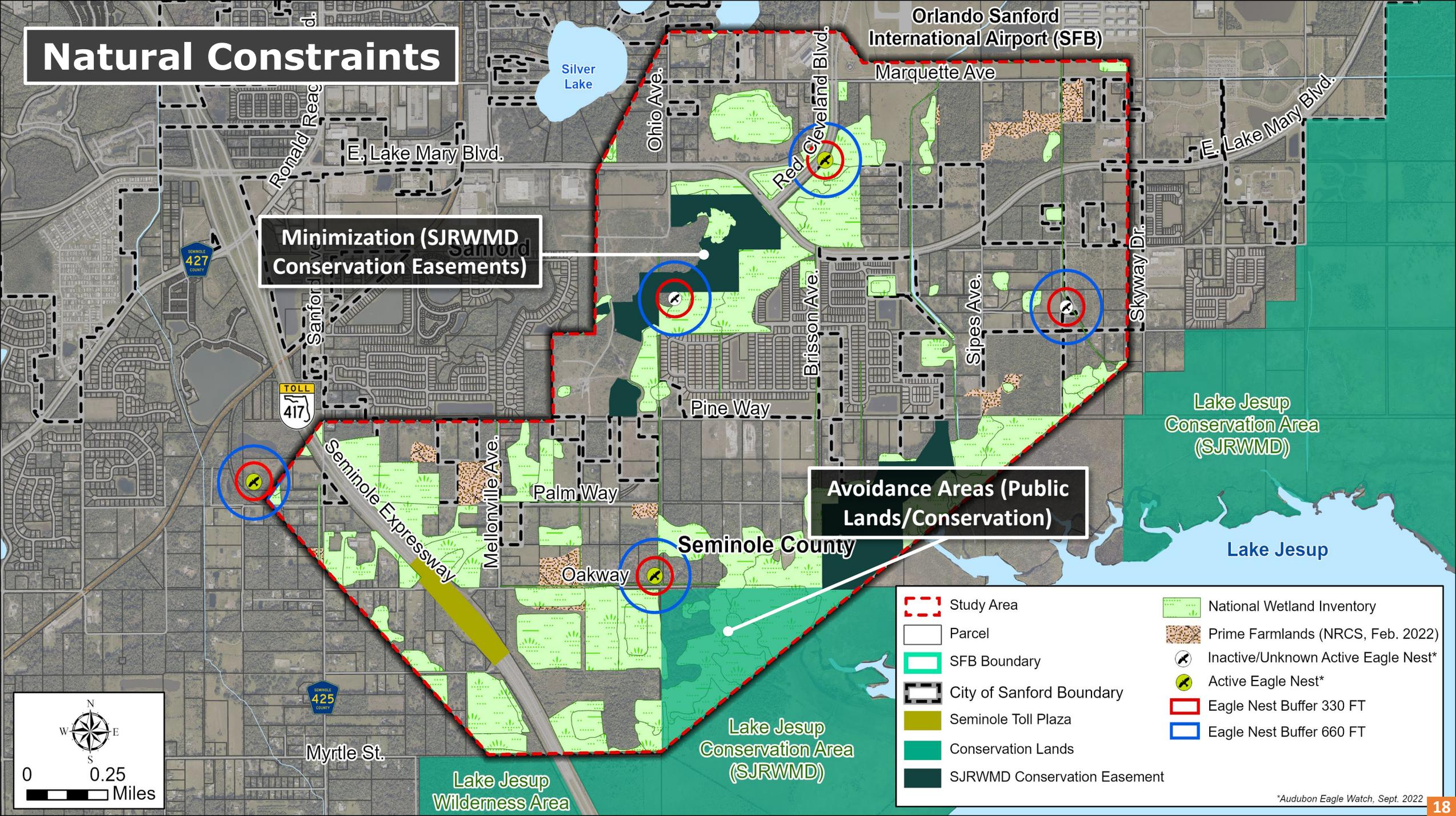
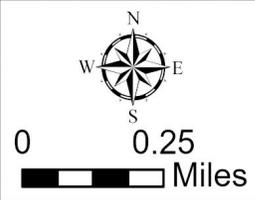


Natural Constraints

Minimization (SJRWMD Conservation Easements)

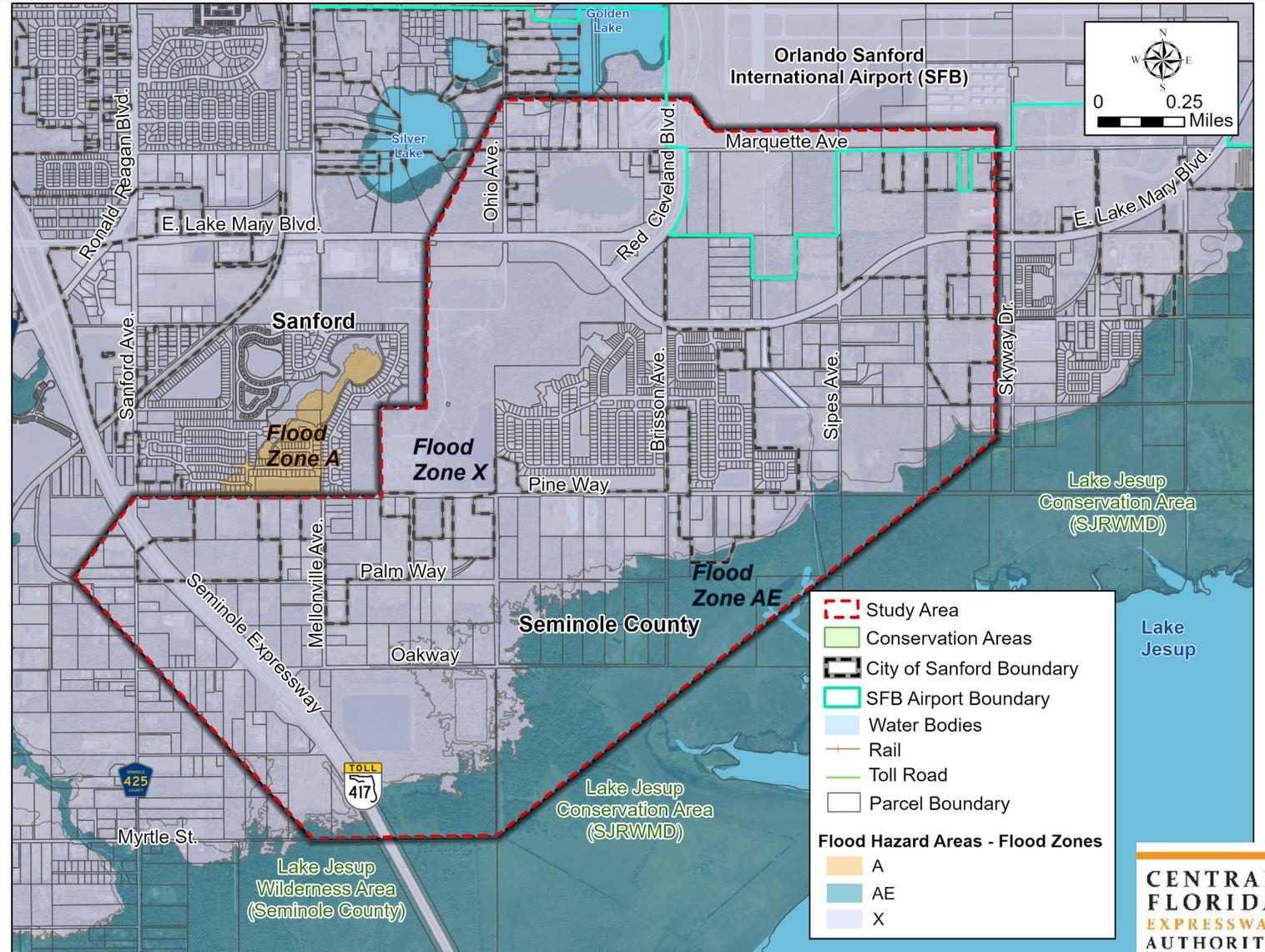
Avoidance Areas (Public Lands/Conservation)

- | | |
|--|---|
|  Study Area |  National Wetland Inventory |
|  Parcel |  Prime Farmlands (NRCS, Feb. 2022) |
|  SFB Boundary |  Inactive/Unknown Active Eagle Nest* |
|  City of Sanford Boundary |  Active Eagle Nest* |
|  Seminole Toll Plaza |  Eagle Nest Buffer 330 FT |
|  Conservation Lands |  Eagle Nest Buffer 660 FT |
|  SJRWMD Conservation Easement | |



Existing Conditions – Floodplains

- 100-Year Floodplain (Zone AE) in the southeastern portion of study area



Existing Conditions – Species

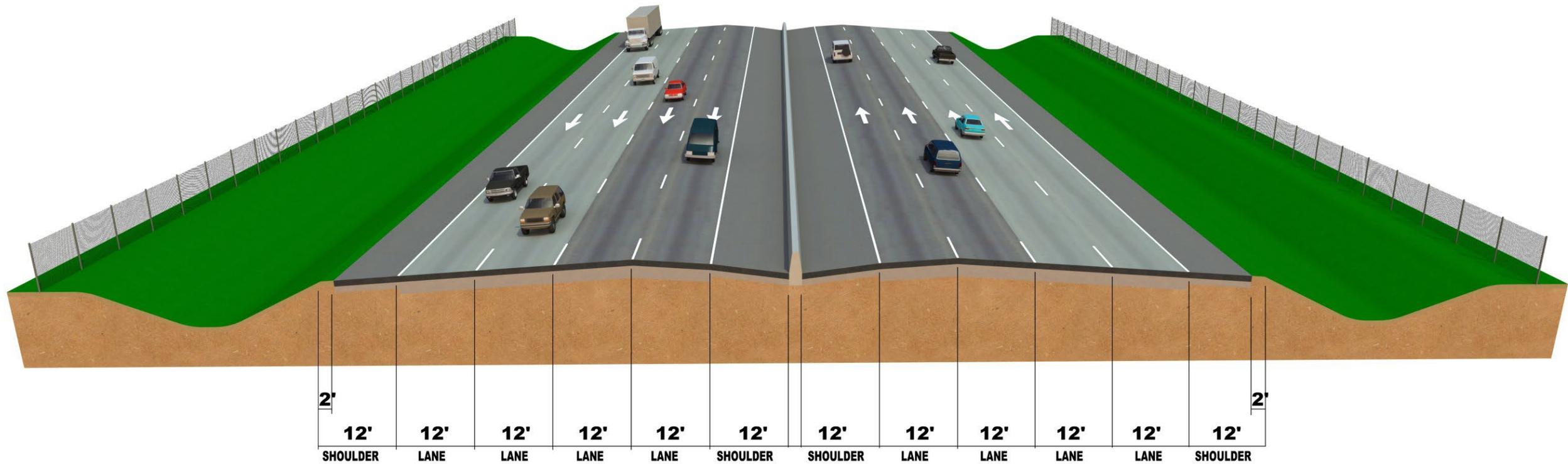
Protected Species & Habitat

Consultation Areas: Florida scrub-jay, Everglade snail kite, crested caracara, and manatee (Lake Jesup).

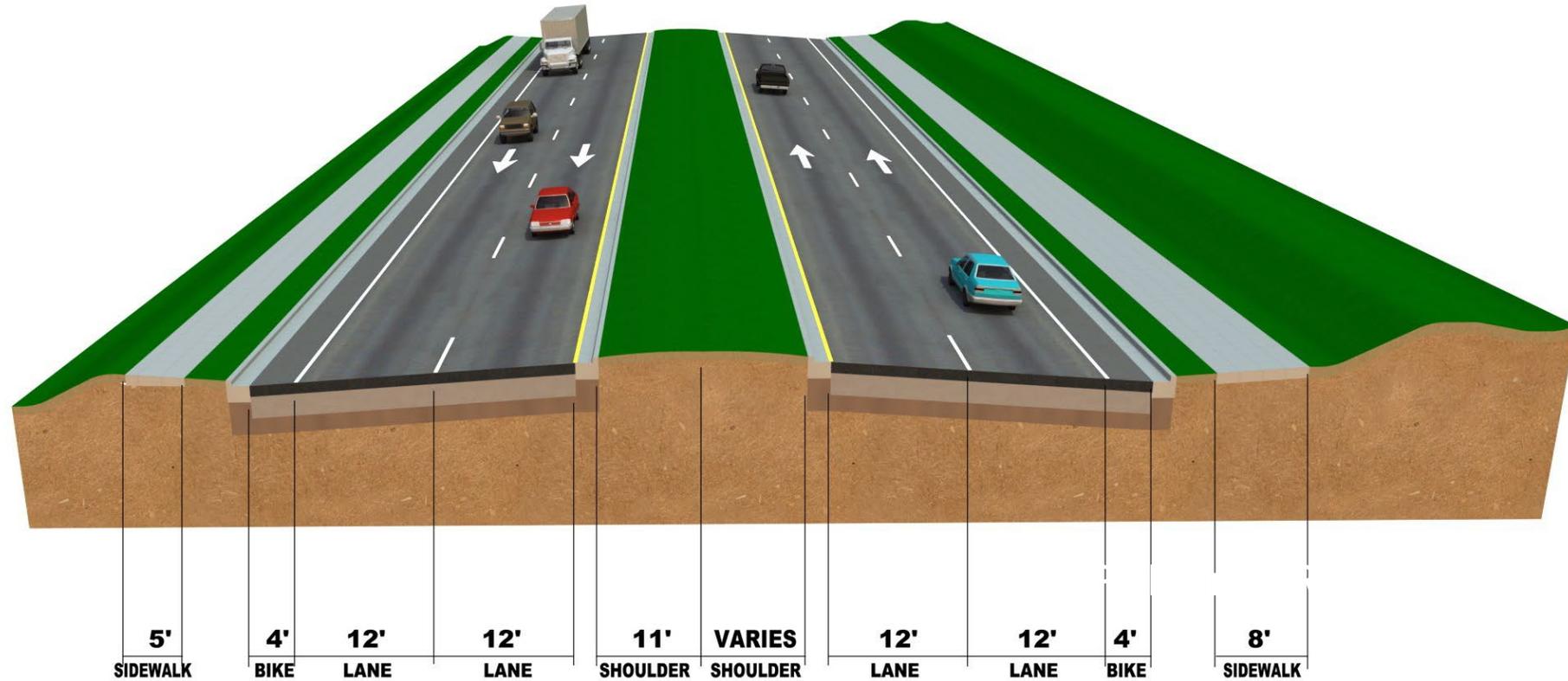
Additional Species Involvement: Eastern indigo snake, Florida sandhill crane, little blue heron, bald eagle (up to five nests), Florida black bear, gopher tortoise, roseate spoonbill, and pygmy fringe-tree.



Ultimate SR 417 Typical Section

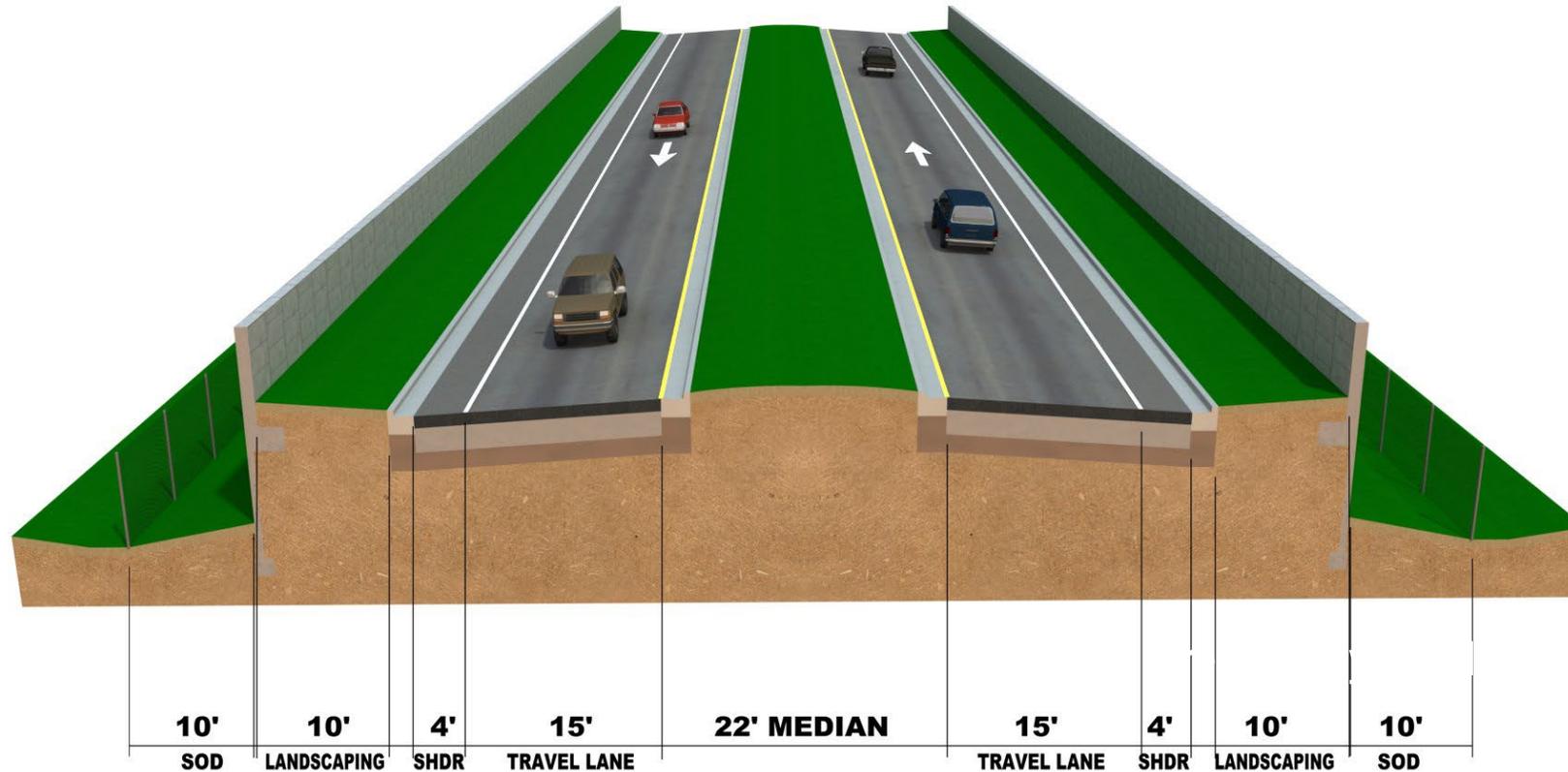


East Lake Mary Blvd. Existing Typical Section



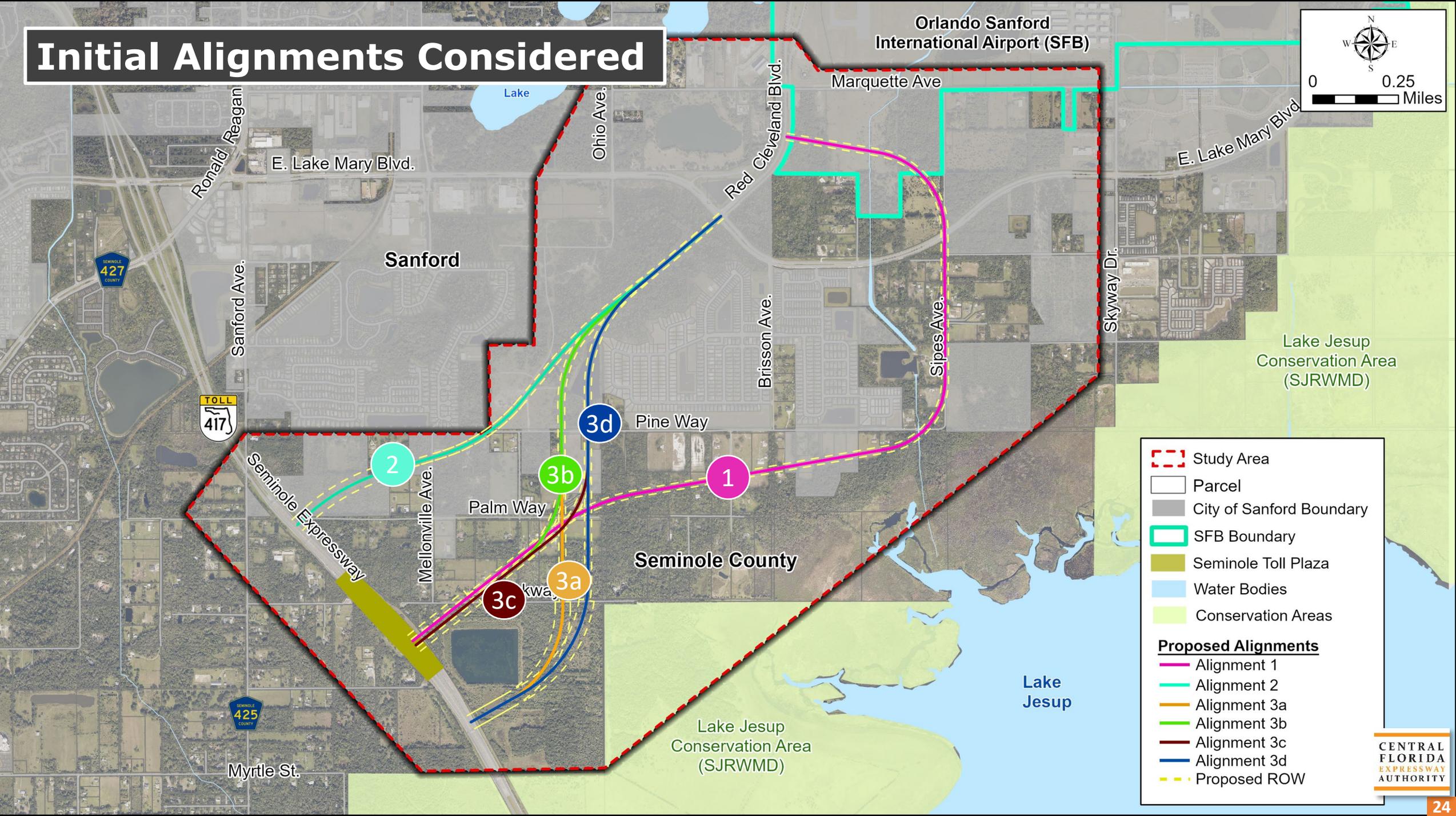
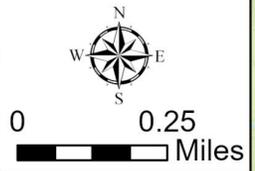
(from Ohio Avenue to Brisson Avenue)

Proposed Connector Typical Section



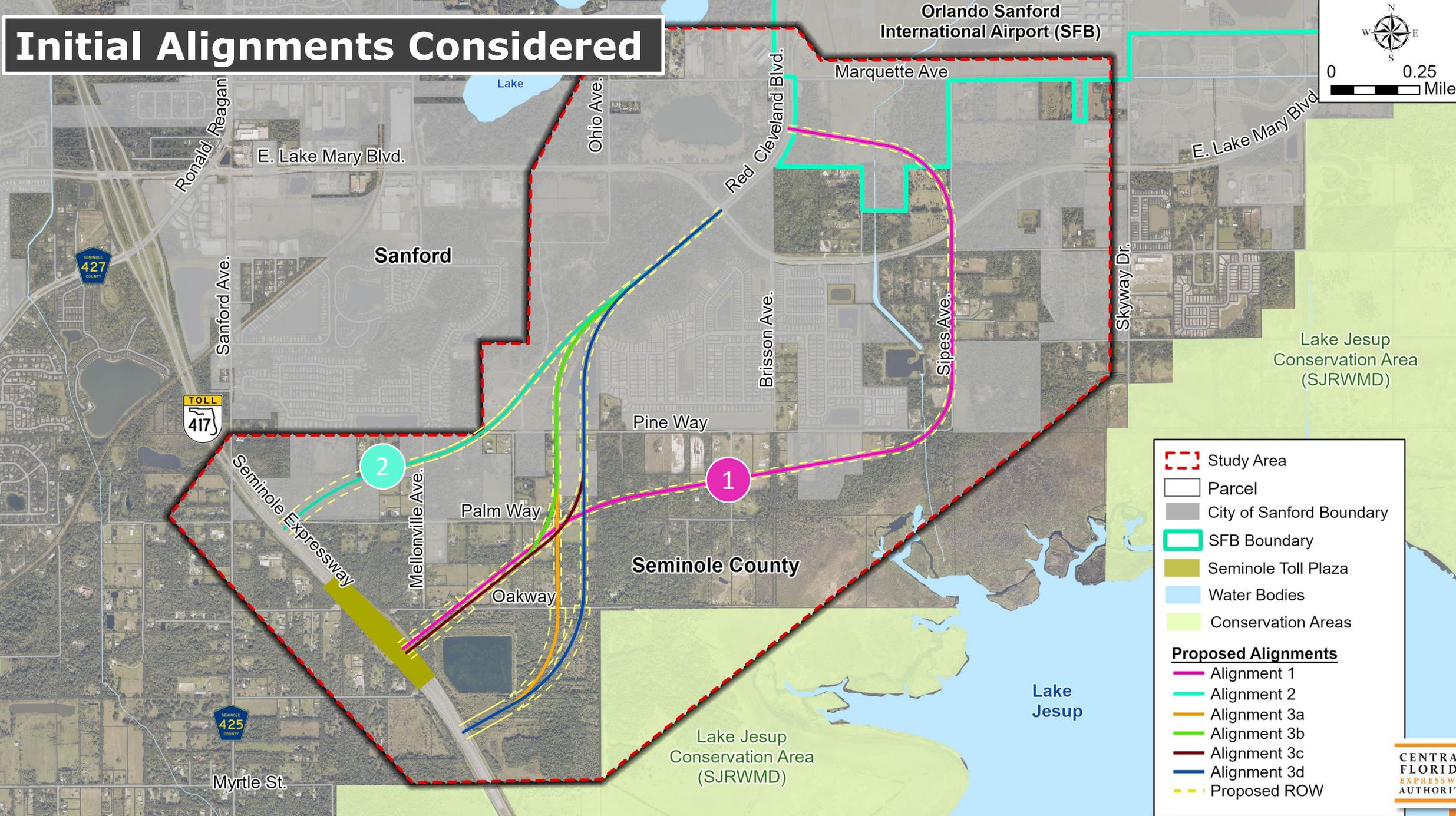
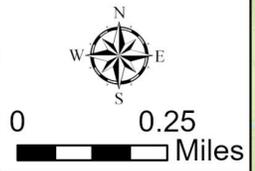
Design Speed = 45-50 mph

Initial Alignments Considered



	Study Area
	Parcel
	City of Sanford Boundary
	SFB Boundary
	Seminole Toll Plaza
	Water Bodies
	Conservation Areas
Proposed Alignments	
	Alignment 1
	Alignment 2
	Alignment 3a
	Alignment 3b
	Alignment 3c
	Alignment 3d
	Proposed ROW

Initial Alignments Considered

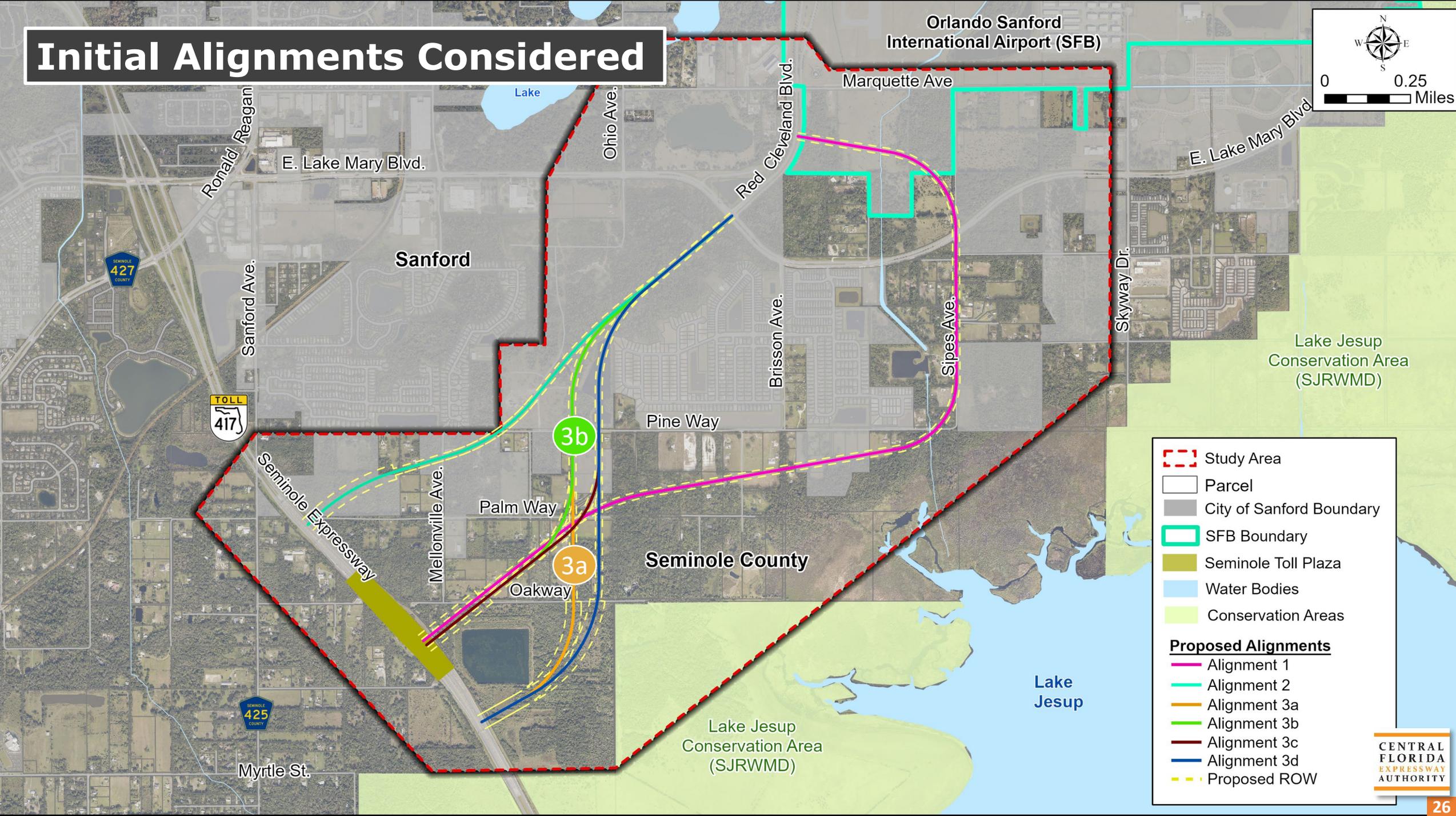
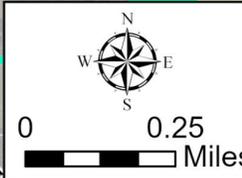


- Study Area
- Parcel
- City of Sanford Boundary
- SFB Boundary
- Seminole Toll Plaza
- Water Bodies
- Conservation Areas

Proposed Alignments

- Alignment 1
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Initial Alignments Considered

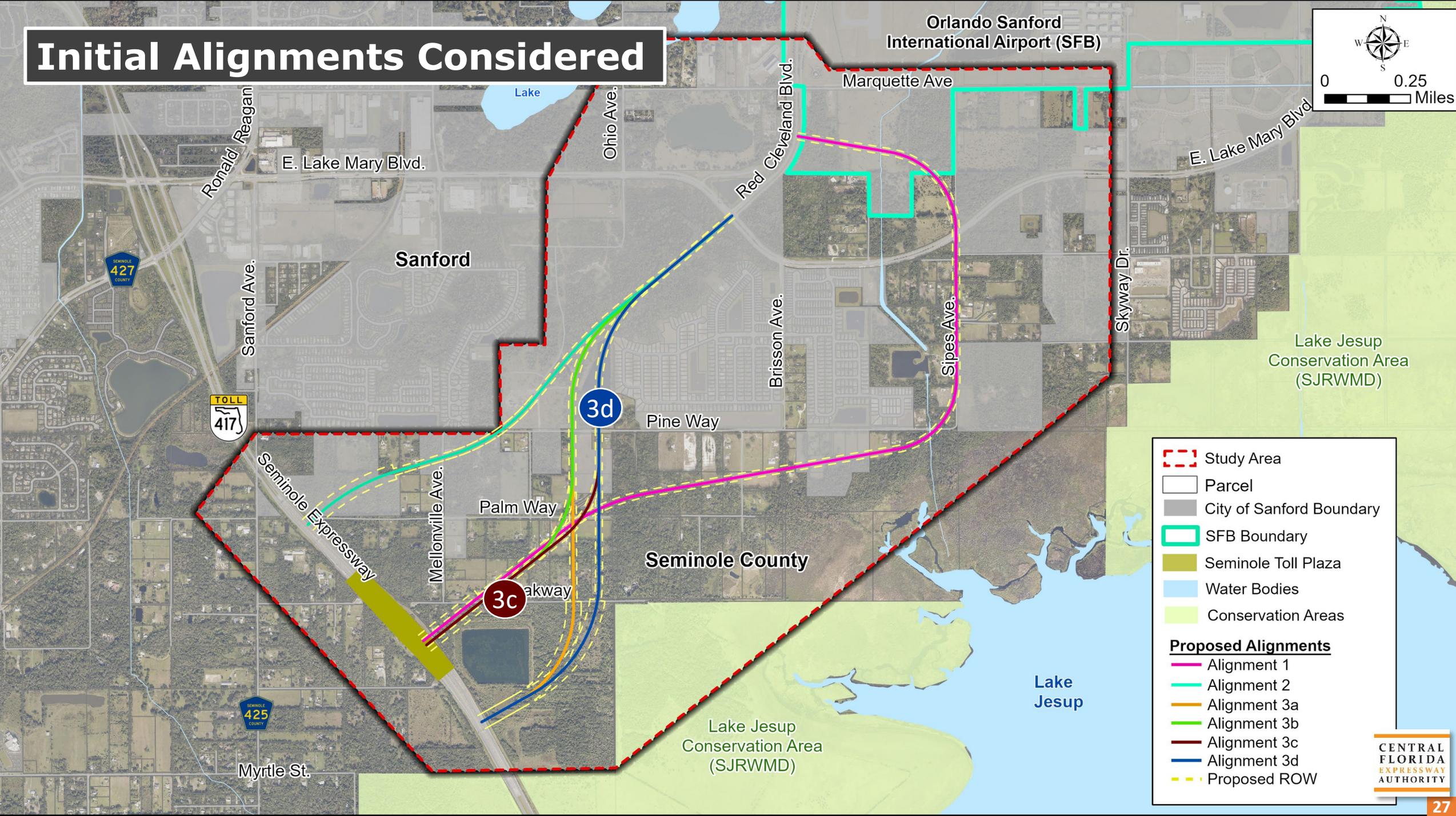
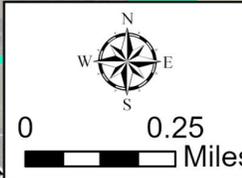


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Initial Alignments Considered



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	Alignment 1
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	Alignment 3b
	Alignment 3c
	Alignment 3d
	Proposed ROW

Agency & Stakeholder Input

- ✓ Ongoing and Planned Adjacent Projects
- ✓ Planned Developments (Sanford and Seminole County)
- ✓ SJRWMD Conservation Easements and Criteria
- ✓ Alignment and Engineering Considerations
- ✓ Environmental Impacts
- ✓ Mobility Alternatives



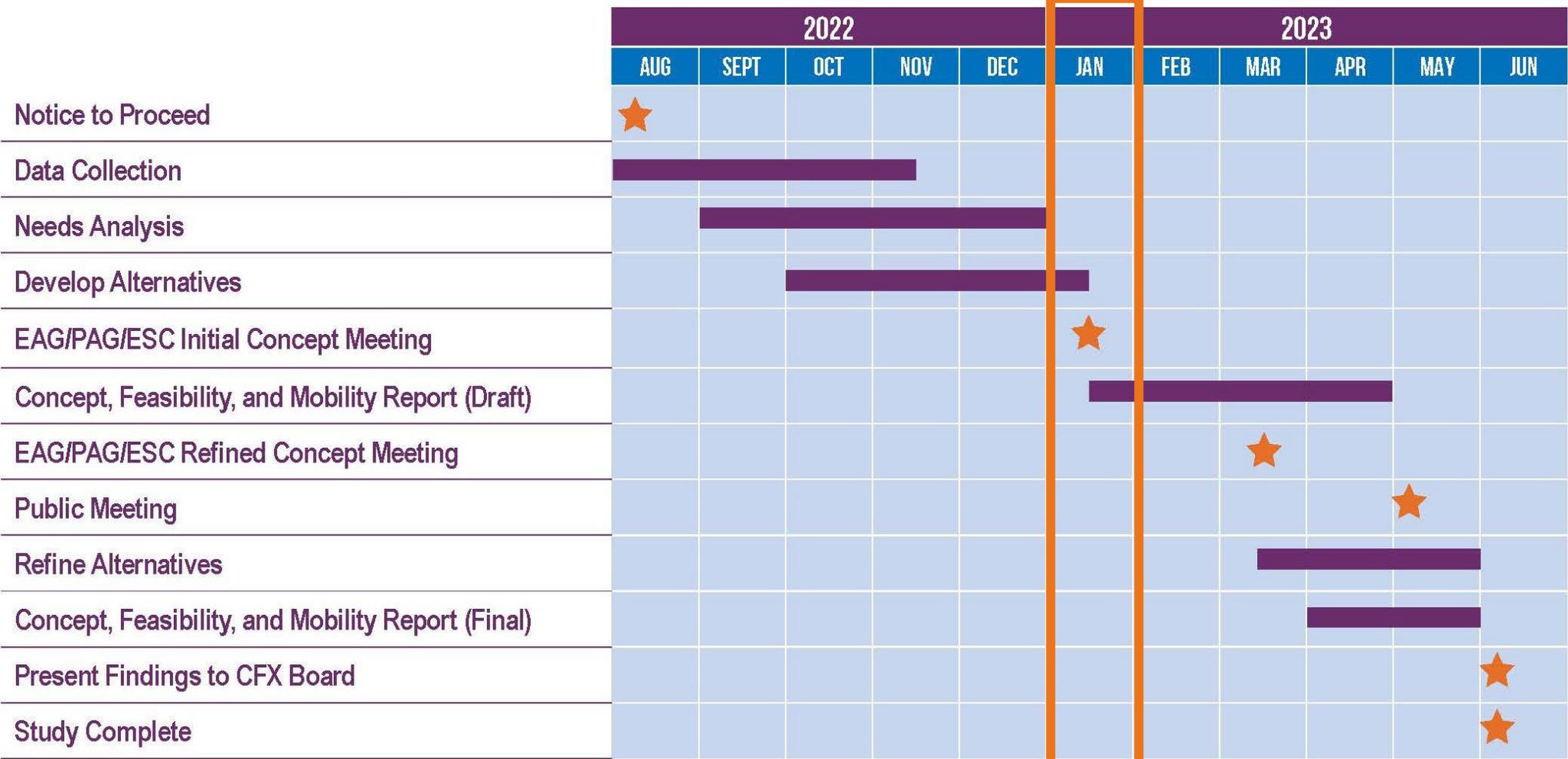
St. Johns River
Water Management District



CITY OF
SANFORD
FLORIDA

CF&M Schedule

(Subject to Change)



Project Contact

For more information contact:

Shemir Wiles
Public Involvement Coordinator
407-802-3210
ConceptStudies@CFXway.com

CFX web address:
www.CFXway.com
Shortened study web address:
<http://bit.ly/SR417AirportConnector>



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THANK YOU!