




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

Nicole Gough, Dewberry
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 Leave



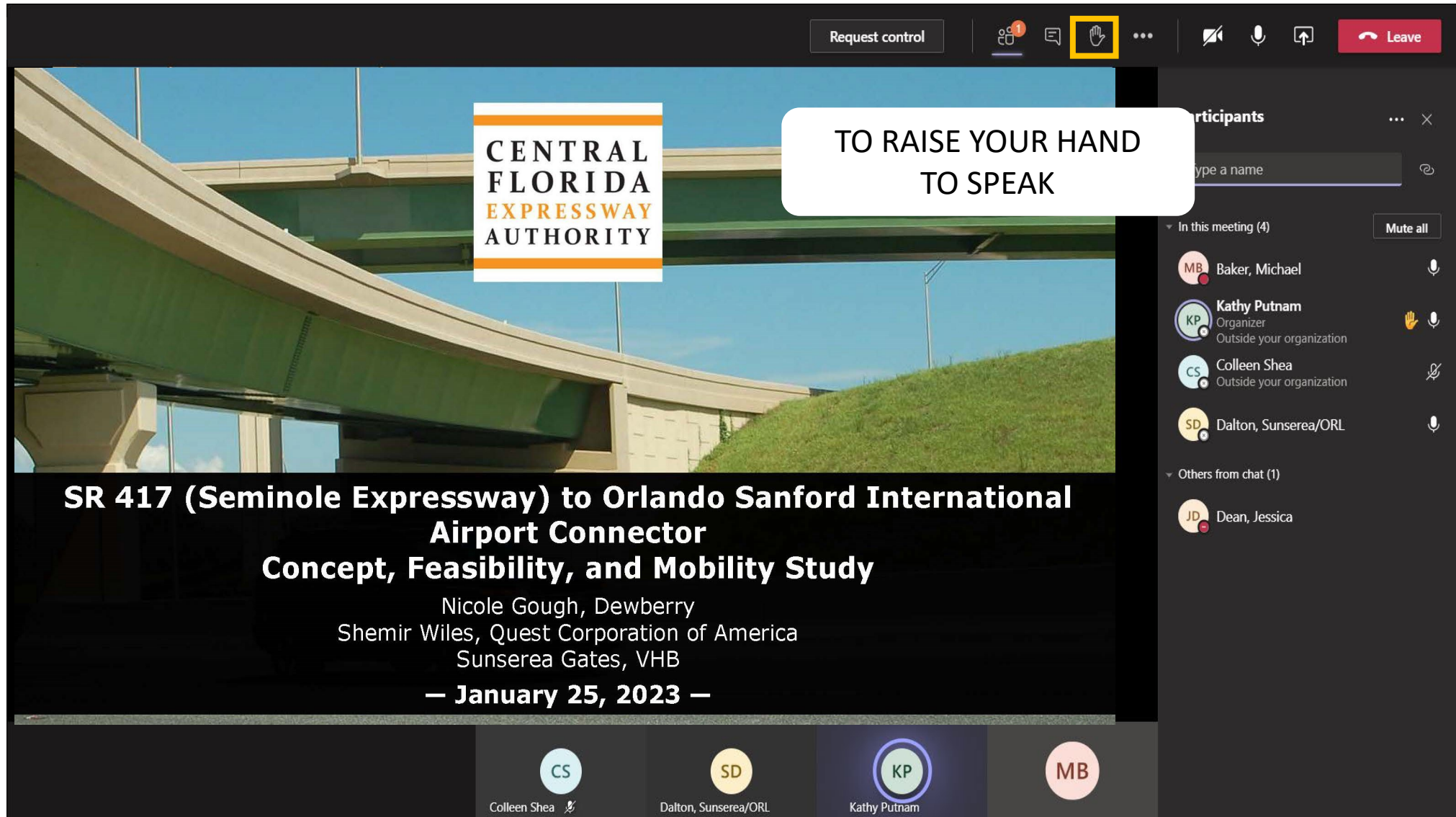
**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

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The image shows a Zoom meeting interface. The main video feed displays a photograph of a highway interchange with a green bridge. Overlaid on this is the Central Florida Expressway Authority logo and a white callout box with the text "TO RAISE YOUR HAND TO SPEAK". Below the video, the title "SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector" is shown, followed by the subtitle "Concept, Feasibility, and Mobility Study". The presenters are listed as Nicole Gough, Dewberry; Shemir Wiles, Quest Corporation of America; and Sunserea Gates, VHB. The date "January 25, 2023" is at the bottom. The right sidebar shows a list of participants: Michael Baker, Kathy Putnam (Organizer), Colleen Shea, Dalton, Sunserea/ORL, and Jessica Dean. The bottom of the screen shows the names and initials of the participants in the meeting: Colleen Shea, Dalton, Sunserea/ORL, Kathy Putnam, and Michael Baker.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

TO RAISE YOUR HAND TO SPEAK

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— January 25, 2023 —

Participants

- In this meeting (4)
- Others from chat (1)

MB Baker, Michael

KP Kathy Putnam
Organizer
Outside your organization

CS Colleen Shea
Outside your organization

SD Dalton, Sunserea/ORL

JD Dean, Jessica

CS Colleen Shea

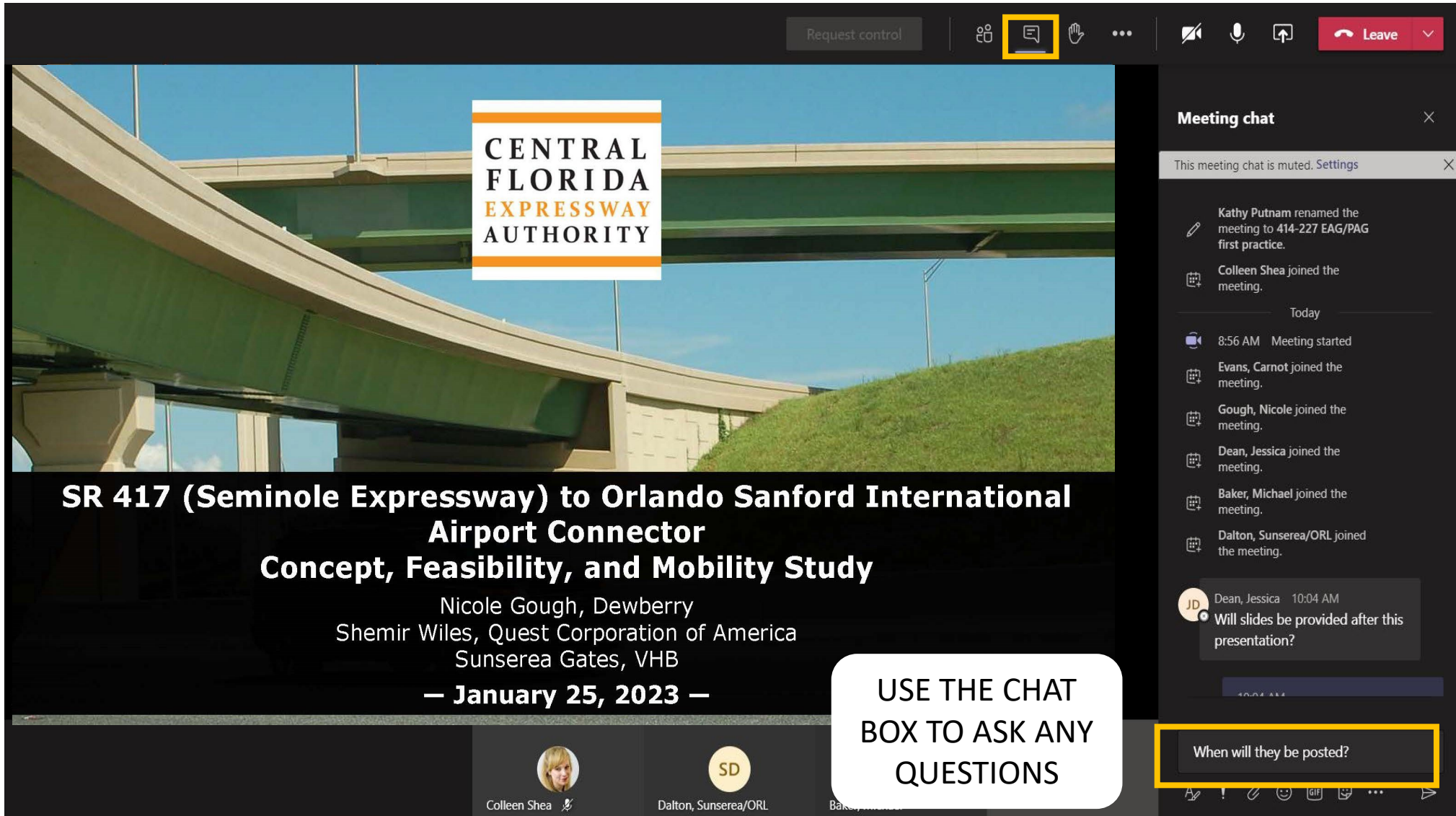
SD Dalton, Sunserea/ORL

KP Kathy Putnam

MB

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

SR 417 to Orlando Sanford Airport Connector



The screenshot shows a Zoom meeting in progress. The main video feed displays a bridge structure with the Central Florida Expressway Authority logo overlaid. The meeting title is "SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector Concept, Feasibility, and Mobility Study". The presenter is Nicole Gough, Dewberry. The meeting is dated January 25, 2023. The chat window on the right shows a list of participants who have joined the meeting, including Kathy Putnam, Colleen Shea, Evans, Carnot, Gough, Nicole, Dean, Jessica, Baker, Michael, and Dalton, Sunsera/ORL. A chat message from Dean, Jessica asks "Will slides be provided after this presentation?". A yellow box highlights the chat input field at the bottom right, which contains the text "When will they be posted?". Another yellow box highlights the chat icon in the top right corner of the Zoom interface. A white callout box with the text "USE THE CHAT BOX TO ASK ANY QUESTIONS" is positioned over the bottom right area of the screen.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

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— January 25, 2023 —

USE THE CHAT BOX TO ASK ANY QUESTIONS

Meeting chat
This meeting chat is muted. Settings

Kathy Putnam renamed the meeting to 414-227 EAG/PAG first practice.
Colleen Shea joined the meeting.

Today

8:56 AM Meeting started
Evans, Carnot joined the meeting.
Gough, Nicole joined the meeting.
Dean, Jessica joined the meeting.
Baker, Michael joined the meeting.
Dalton, Sunsera/ORL joined the meeting.

JD Dean, Jessica 10:04 AM
Will slides be provided after this presentation?

When will they be posted?

Colleen Shea
Dalton, Sunsera/ORL

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

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1 of 50 Stop presenting

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NOTE THE
SLIDE NUMBER

CENTRAL
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EXPRESSWAY
AUTHORITY

5

SR 417 to Orlando Sanford Airport Connector

The image shows a Zoom meeting interface. The main video area displays a presentation slide with the Central Florida Expressway Authority logo and a photograph of a highway bridge. A white callout box with the text "TO VIEW THE PARTICIPANTS" points to the participants icon in the top toolbar. The participants list on the right shows four people in the meeting: Michael Baker, Colleen Shea, Dalton Sunsera, and Kathy Putnam (the organizer). The bottom of the screen shows the video feeds of the participants, with Kathy Putnam's feed highlighted by a blue circle.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

TO VIEW THE PARTICIPANTS

SR 417 (Seminole Expressway) to Orlando Sanford International Airport Connector
Concept, Feasibility, and Mobility Study
Nicole Gough, Dewberry
Shemir Wiles, Quest Corporation of America
Sunsera 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, Sunsera/ORL
- KP Kathy Putnam
Organizer
Outside your organization

Others from chat (1)

- JD Dean, Jessica

CS Colleen Shea

SD Dalton, Sunsera/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

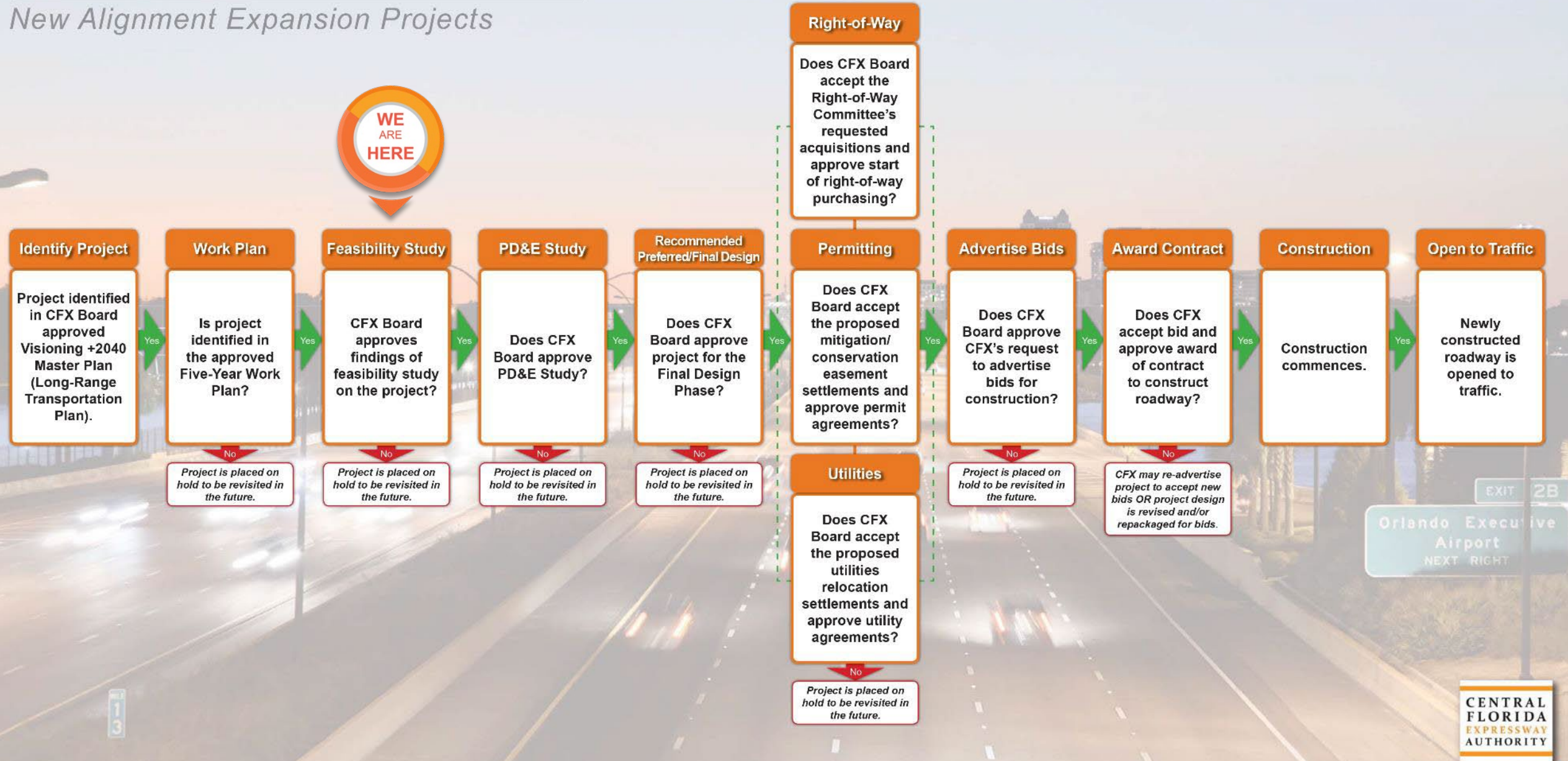
407-802-3210

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

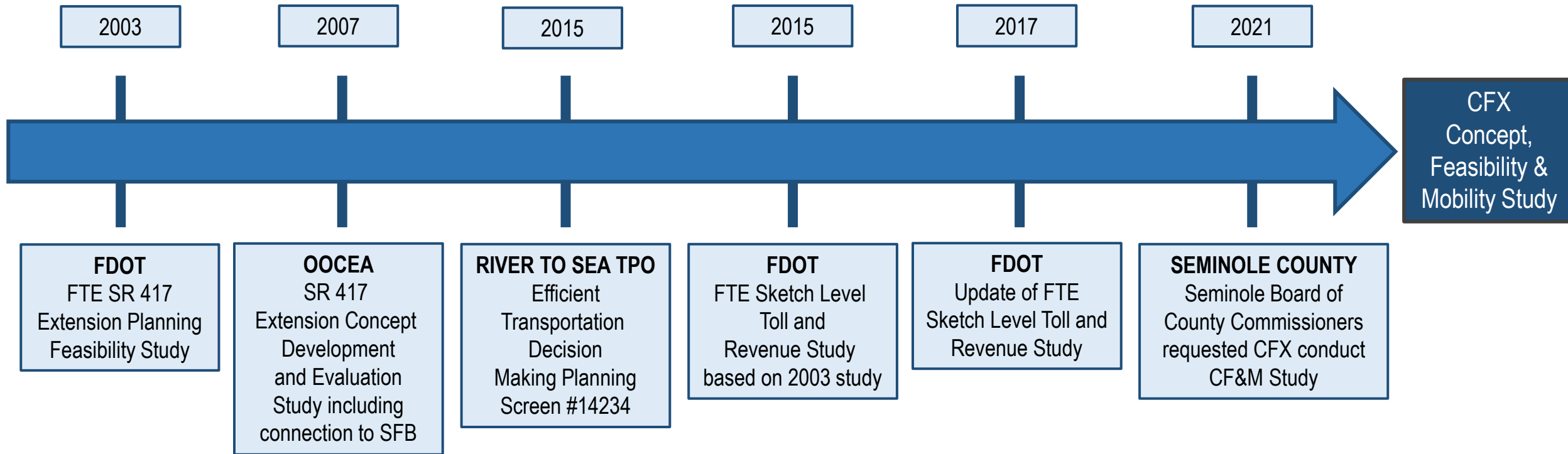
Environmental (EAG)

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

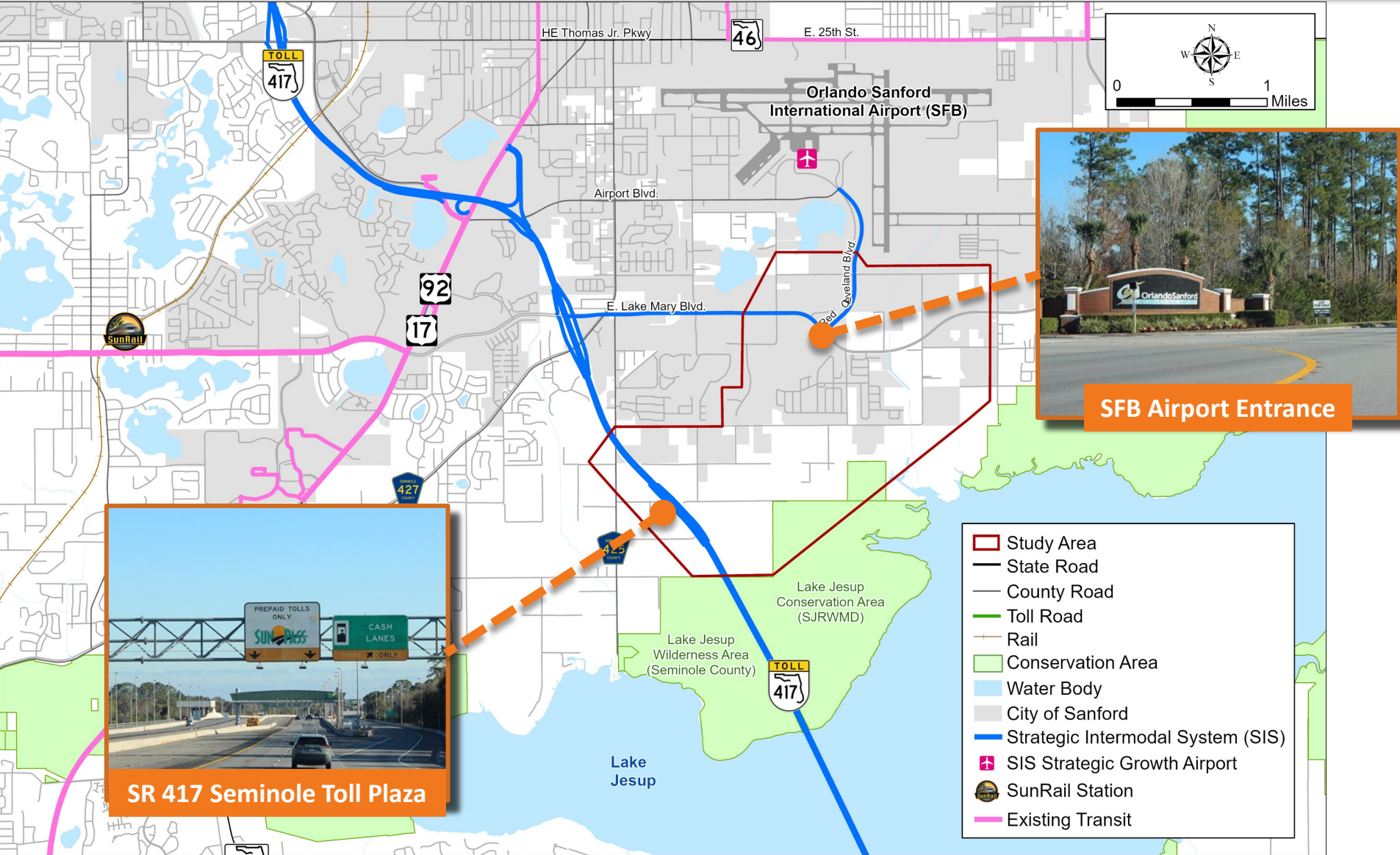
Project (PAG)

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

Project Background

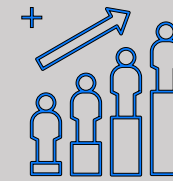


Regional Location Map



Purpose and Need

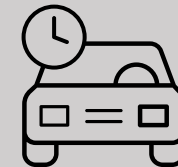
- Airport projected to serve 2.7M passengers by 2037 (91% increase)
- 10 planned developments or 55% of study area vacant lands
- Seminole County population (2050)
- SR 417 and CR 427/E. Lake Mary Blvd. Interchange Traffic Volume
 - 2050 No-Action AADT – 47,900
 - 2050 Build AADT – 30,900



**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

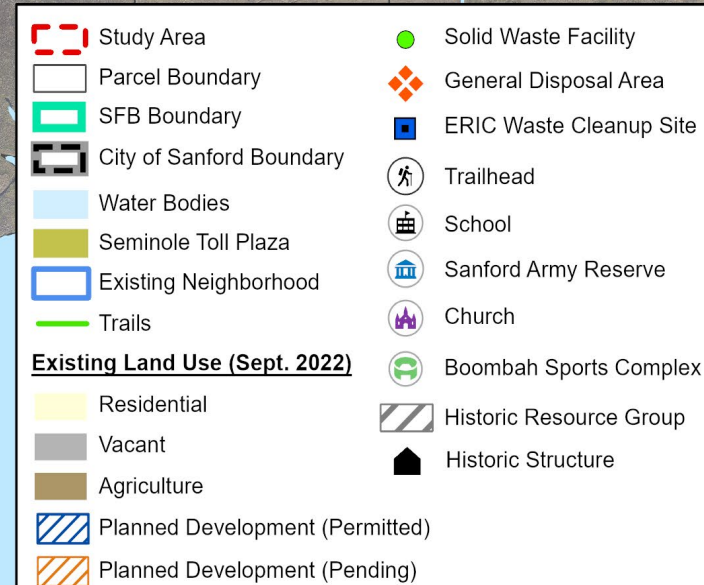
- ❖ Parks & Recreation
- ❖ Public Lands
- ❖ Conservation Areas
- ❖ Trails & Greenways
- ❖ Potential Archaeological Sites
- ❖ Potential Historic Resources

Sociocultural Constraints

Planned Developments

Agricultural Lands

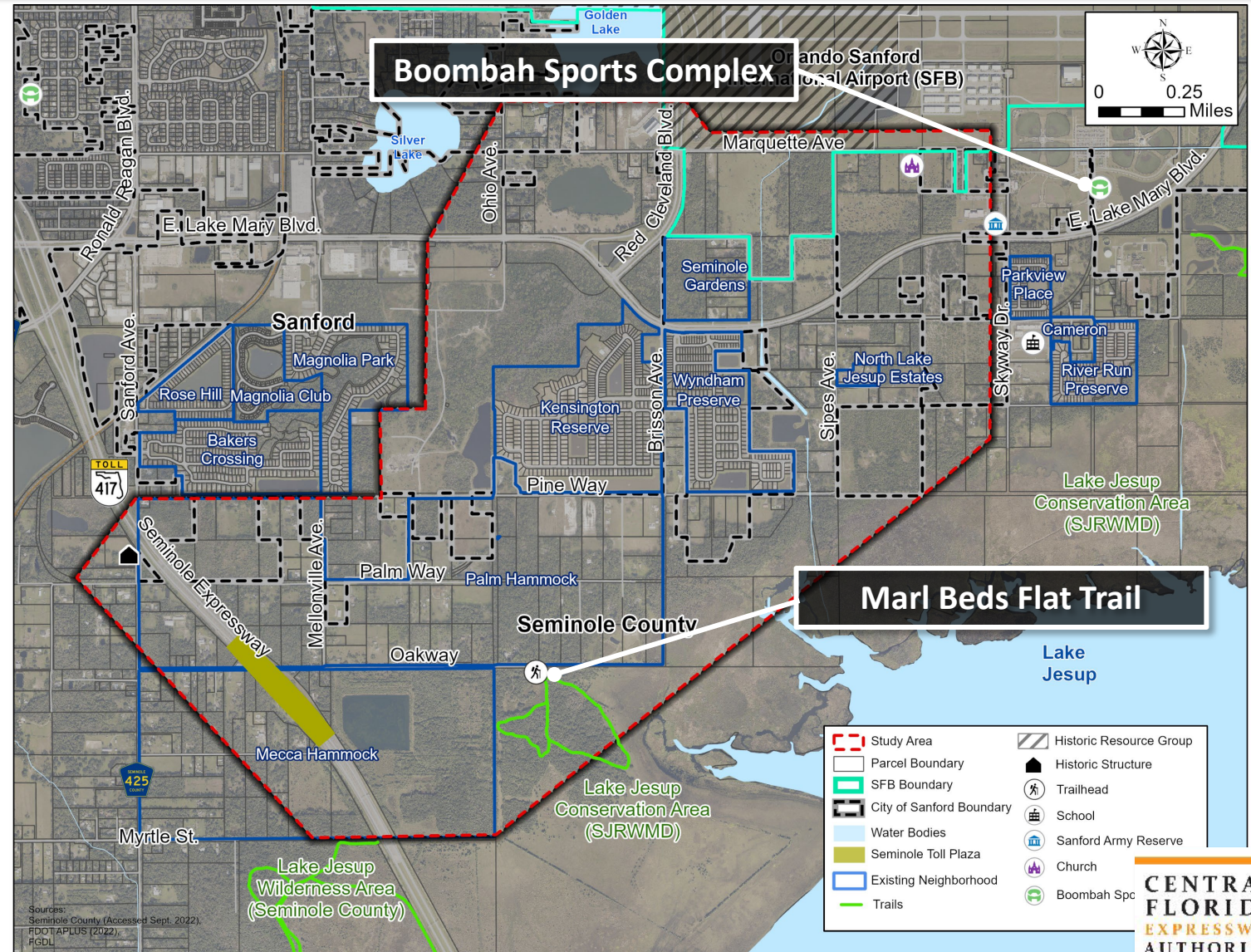
Vacant Parcel



Existing Conditions – Community Facilities

Community Focal Points:

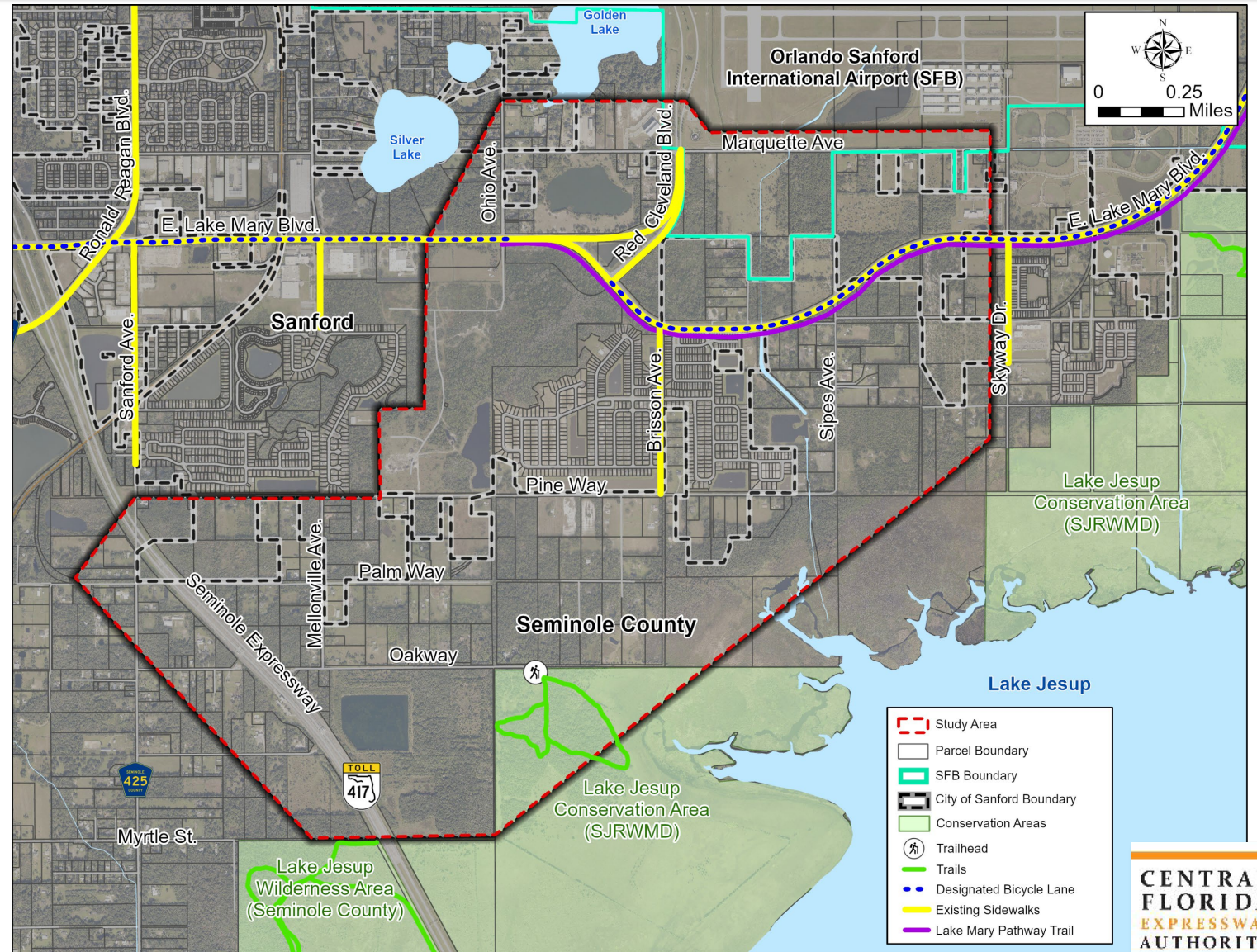
- Recreation Facilities
 - Boombah Sports Complex
 - Marl Beds Flat Trailhead and Trail
- Religious Facilities
- Sanford Army Reserve
- Galileo School for Gifted Learning
- Orlando Sanford International Airport (SFB)



Existing Conditions – Bicycle and Pedestrian

Pedestrian and Bicycle Facilities:

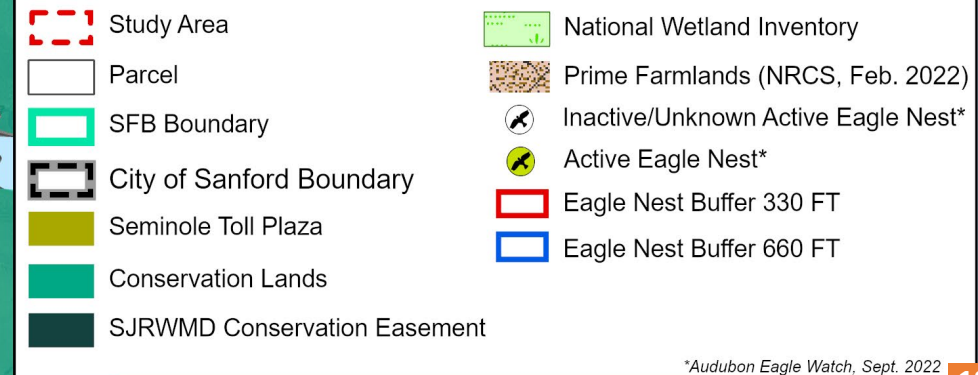
- 5-ft-wide sidewalks (East Lake Mary Blvd.)
- 8-ft-wide multi-use pathway (Lake Mary Pathway)
- Marl Beds Flat Trailhead and Trail (Lake Jesup Conservation Area)



Natural Constraints

Minimization (SJRWMD
Conservation Easements)

Avoidance Areas (Public
Lands/Conservation)



Existing Conditions – Floodplains

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



Existing Conditions – Species

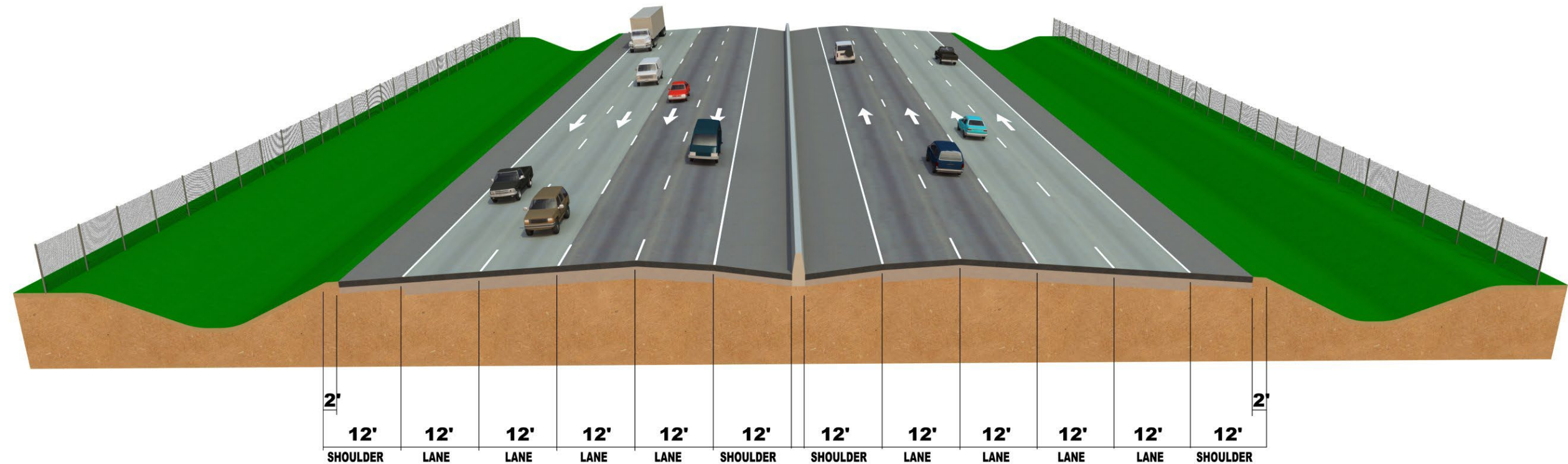
Protected Species & Habitat

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

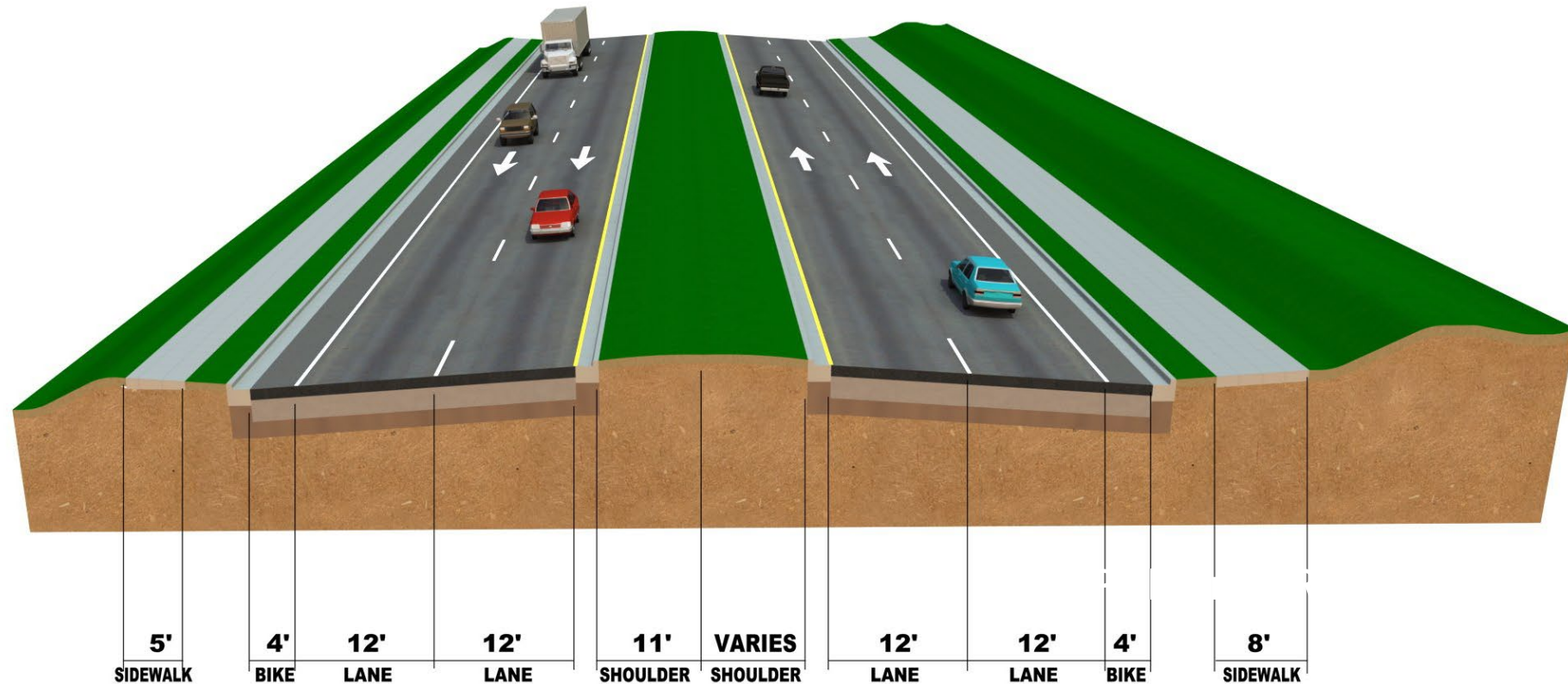
Additional Species Involvement: Eastern indigo snake, Florida sandhill crane, little blue heron, bald eagle (up to five nests), Florida black bear, gopher tortoise, roseate spoonbill, and pygmy fringe-tree.



Ultimate SR 417 Typical Section

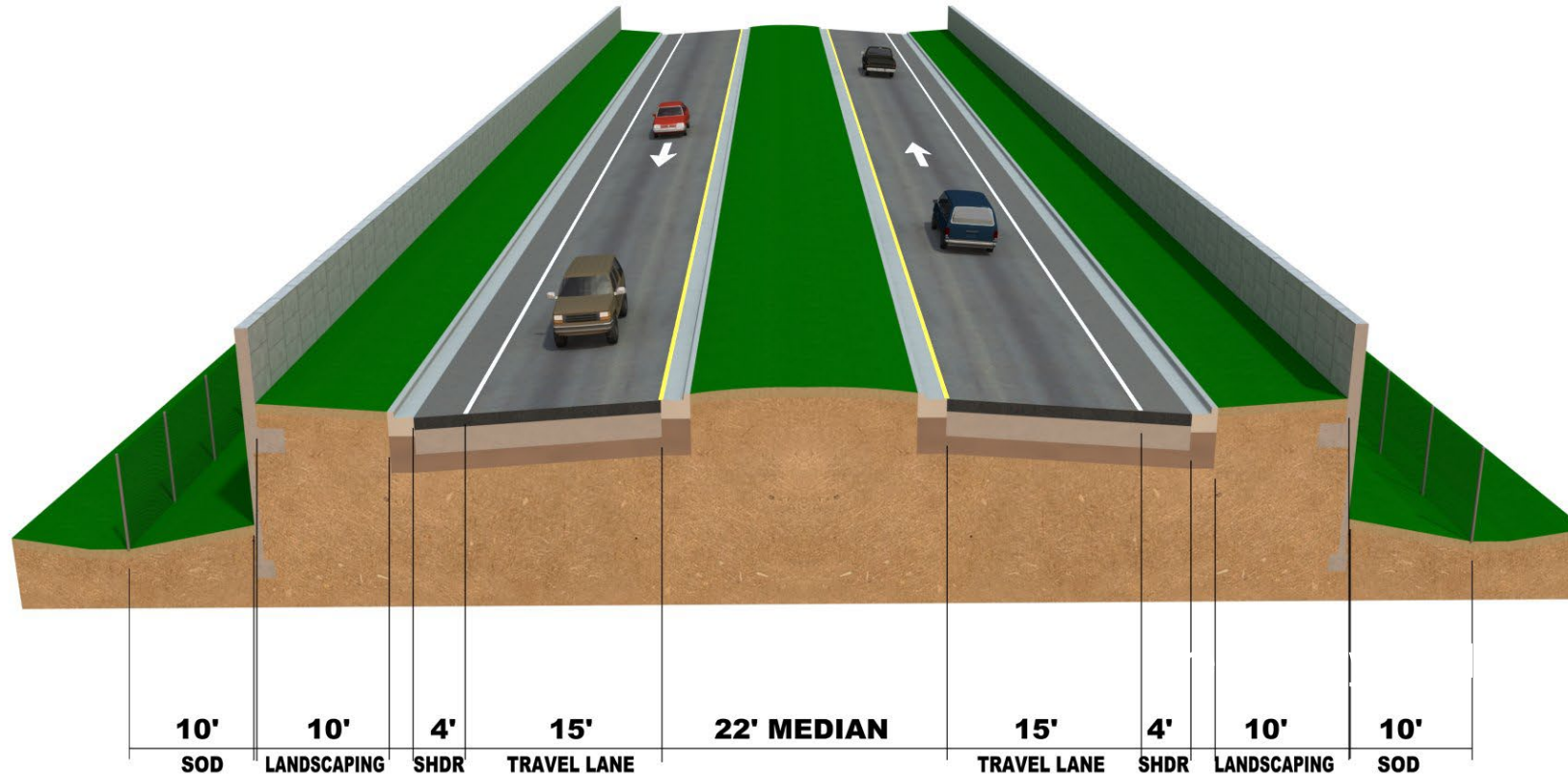


East Lake Mary Blvd. Existing Typical Section



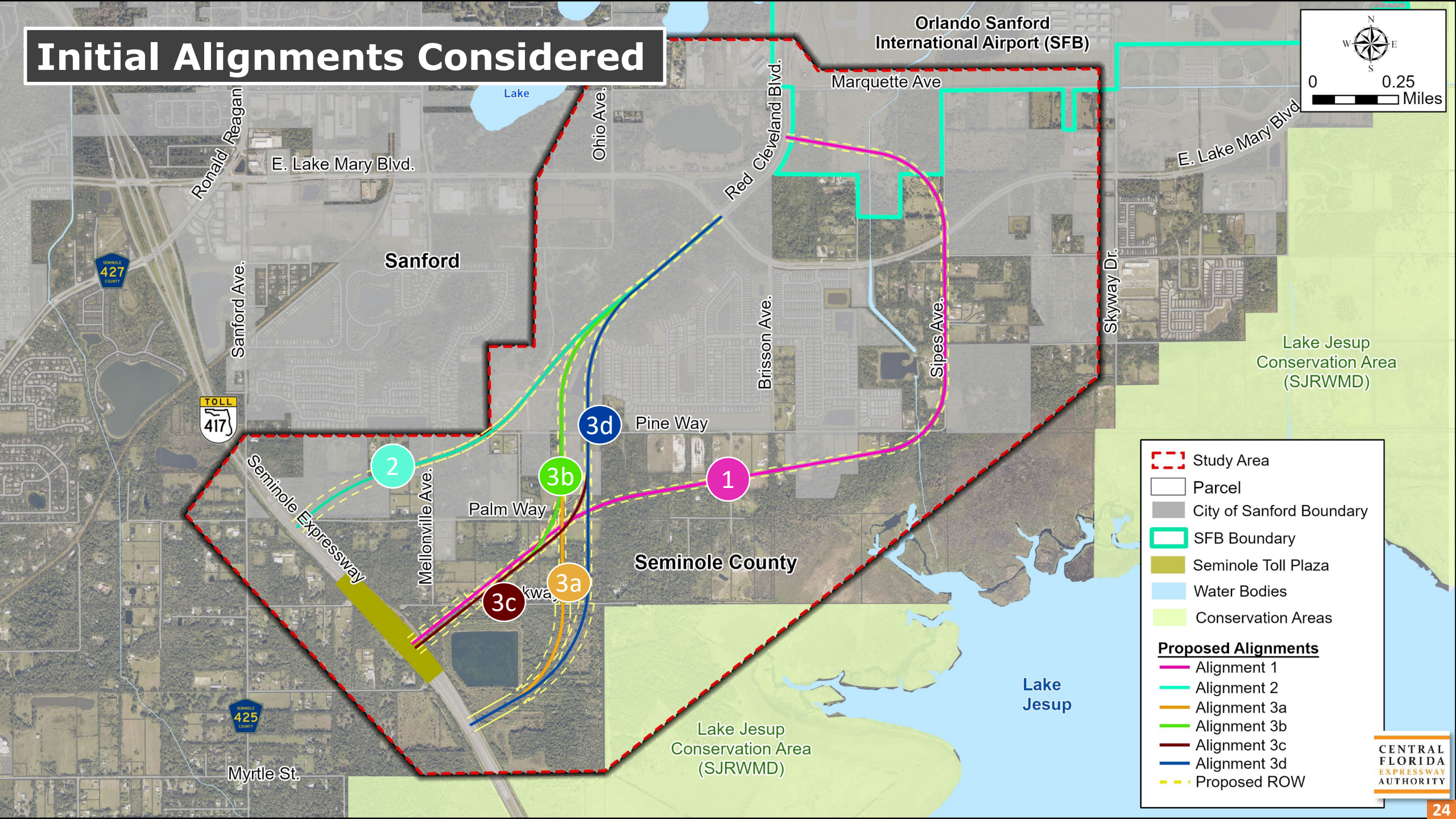
(from Ohio Avenue to Brisson Avenue)

Proposed Connector Typical Section

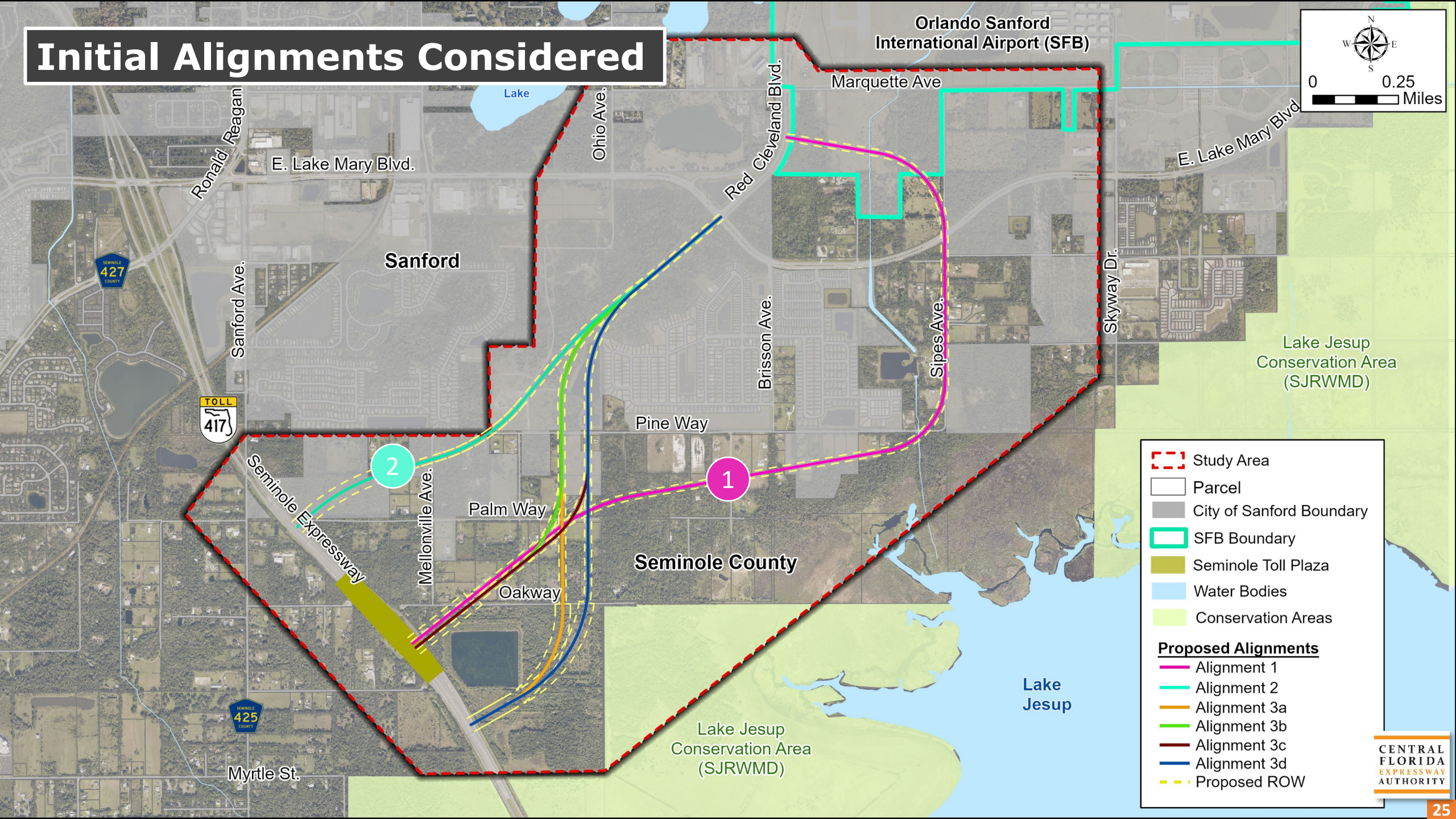


Design Speed = 45-50 mph

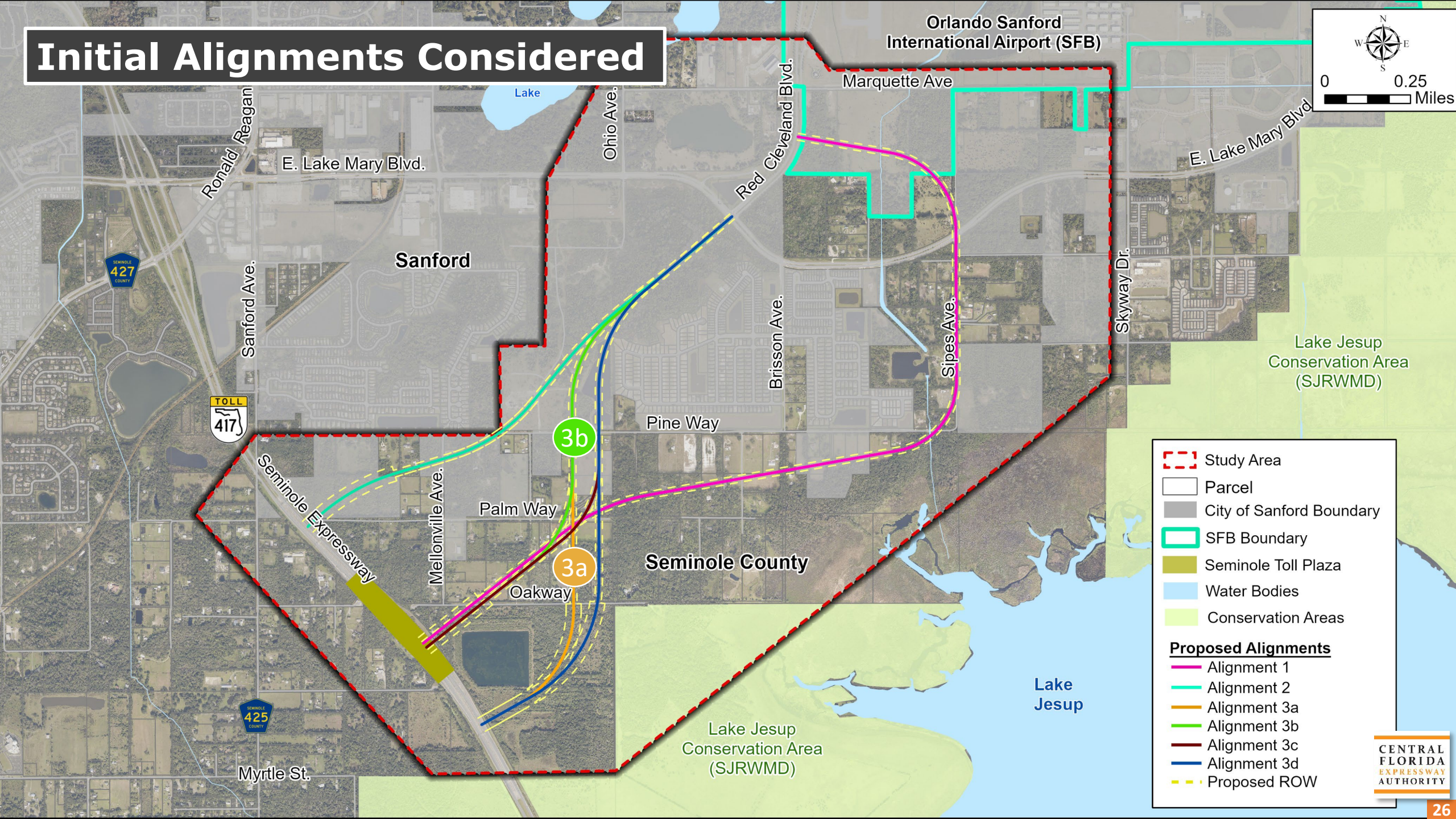
Initial Alignments Considered



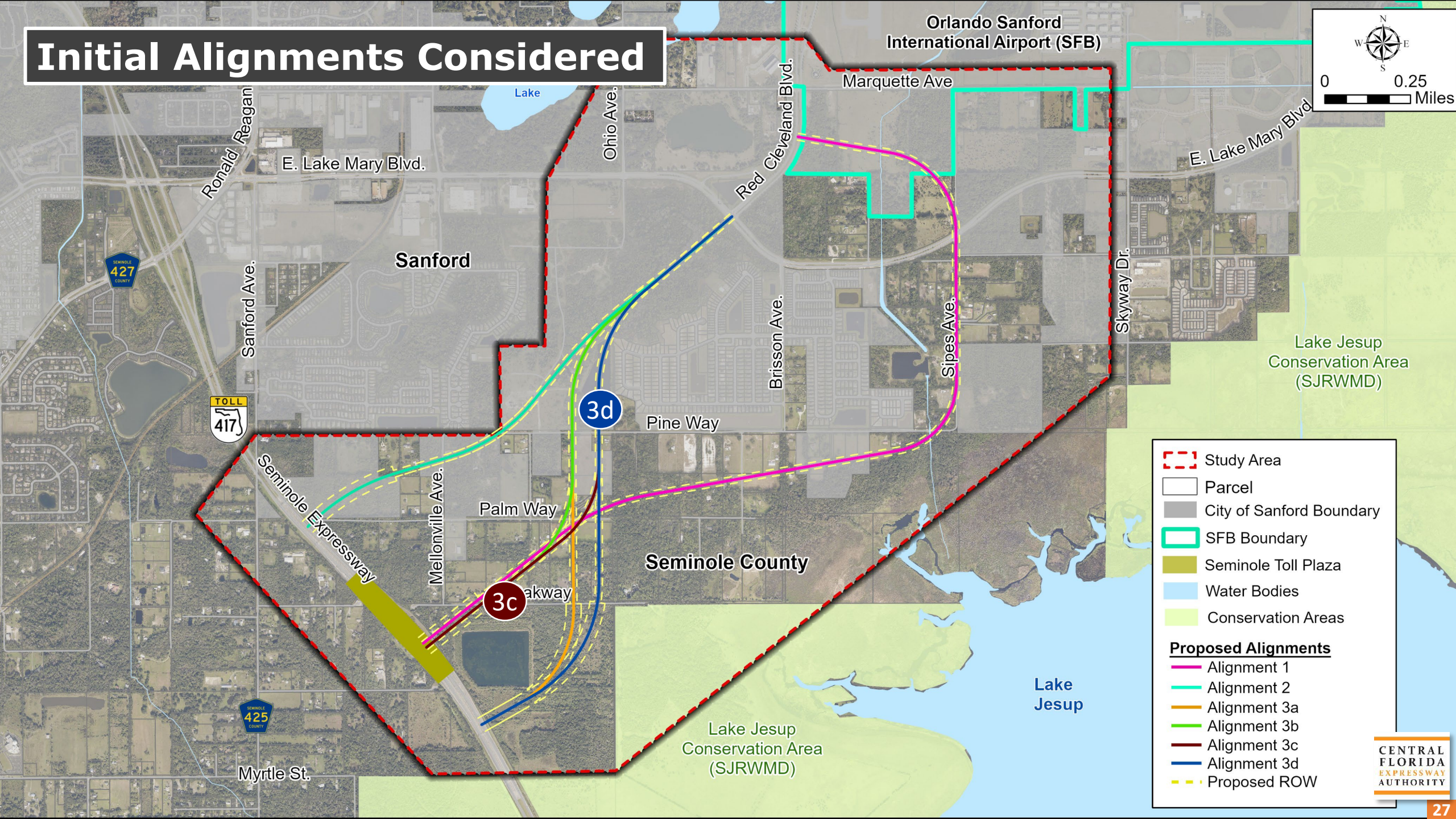
Initial Alignments Considered



Initial Alignments Considered



Initial Alignments Considered



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



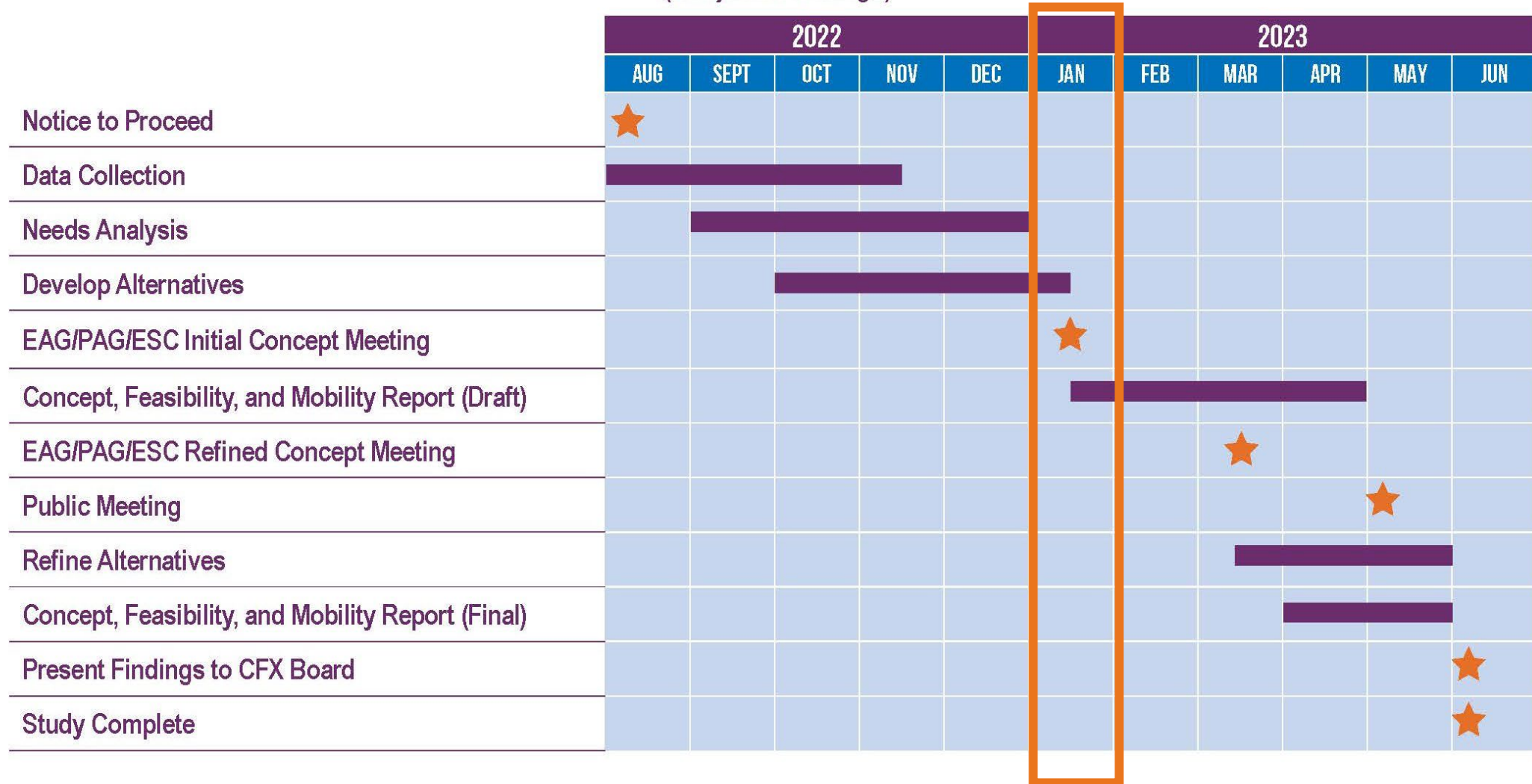
St. Johns River
Water Management District



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!