CENTRAL FLORIDA EXPRESSWAY AUTHORITY



SR 515 Northeast Connector Expressway Phase 2
Project Development & Environment (PD&E) Study

Environmental Advisory Group

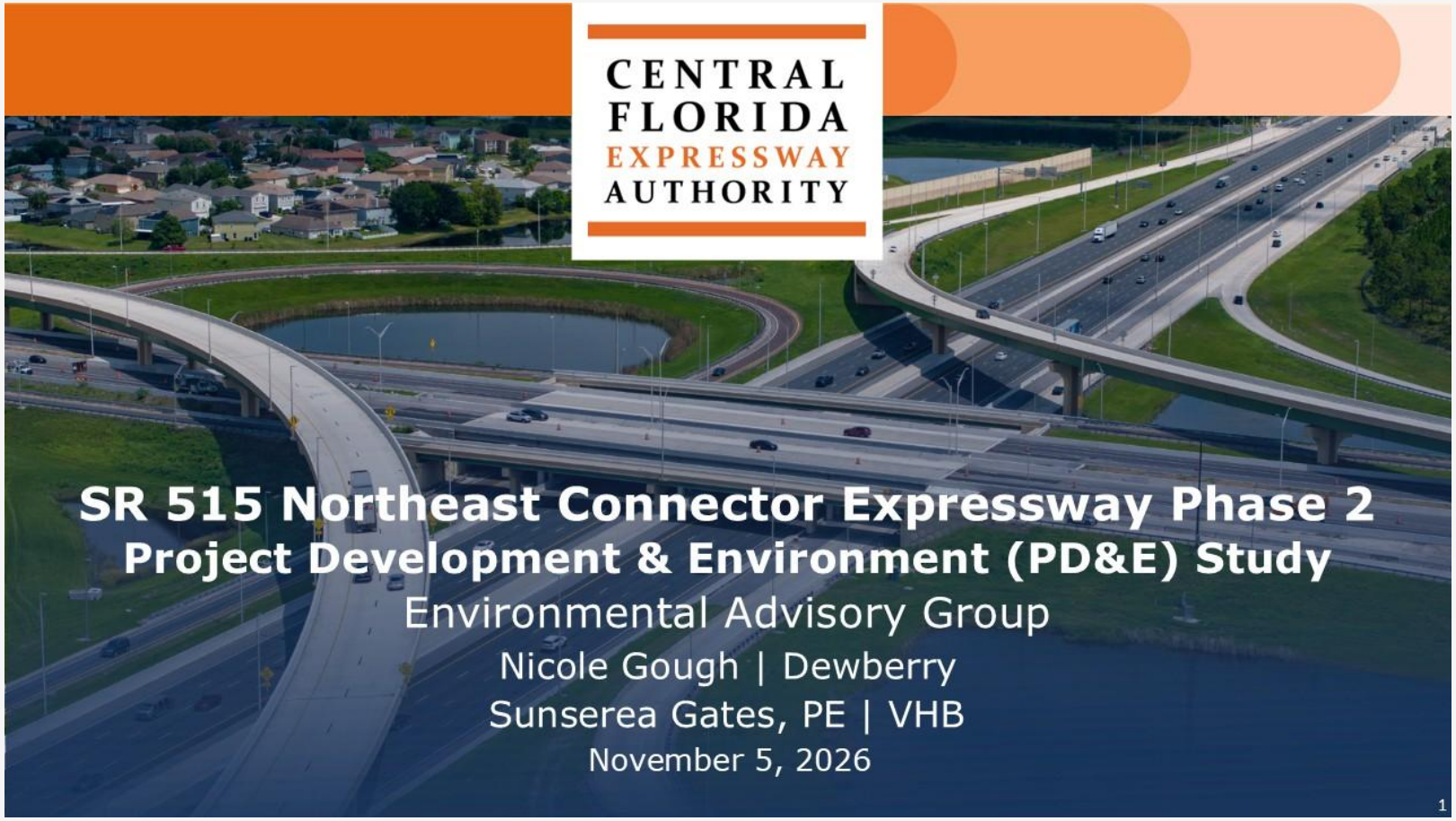
Nicole Gough | Dewberry
Sunserea Gates, PE | VHB

November 5, 2026

02:25 LIVE | 1

Chat Q&A People 2 Raise React View More Camera Mic Share Leave

TO RAISE YOUR HAND AND SPEAK





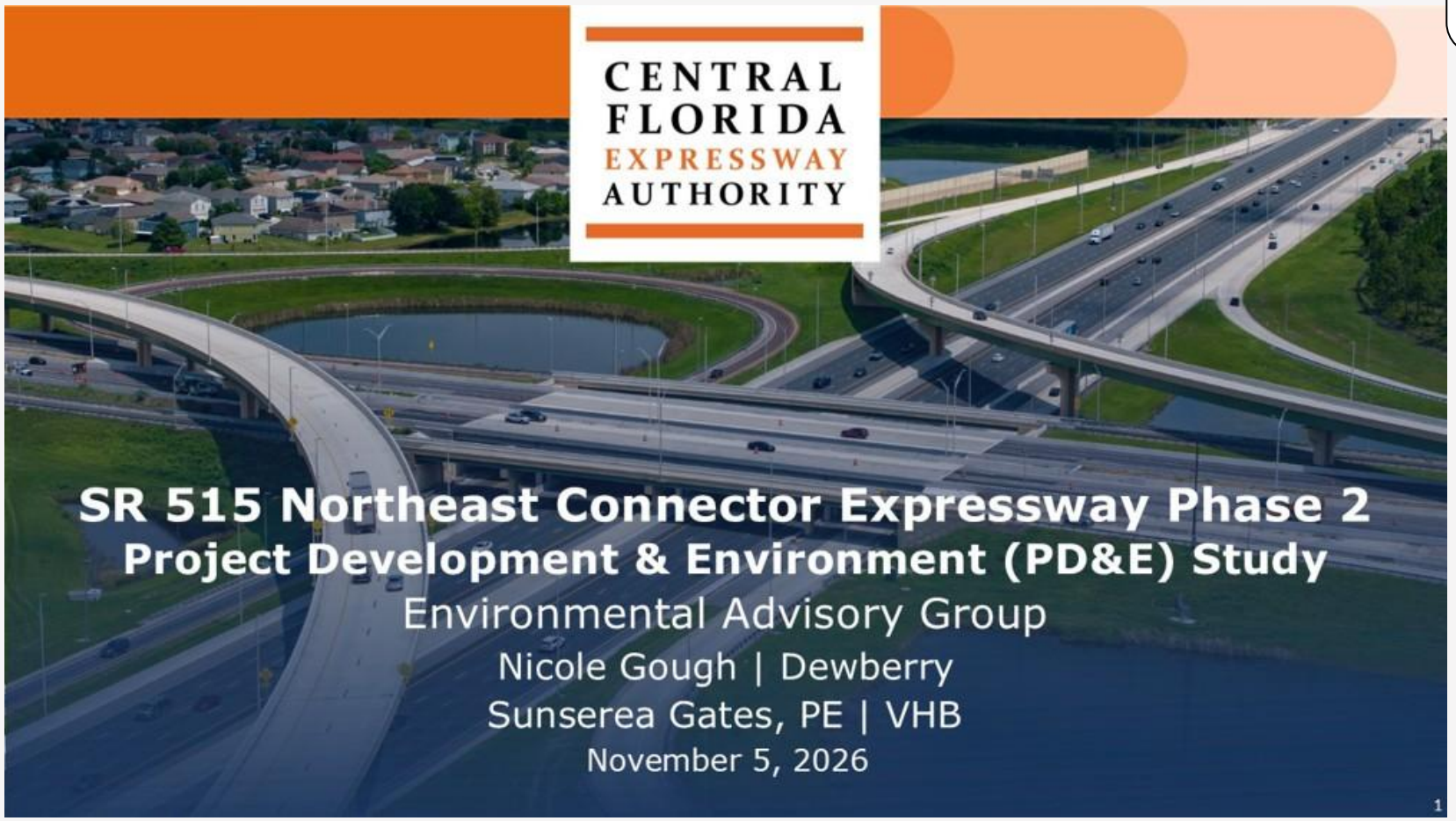
03:45 LIVE | 1

Chat Q&A People 2 Raise React View More Camera Mic Share Leave

Your mic has been enabled

Unmute if you'd like to speak.

TO MUTE
OR
UNMUTE YOURSELF



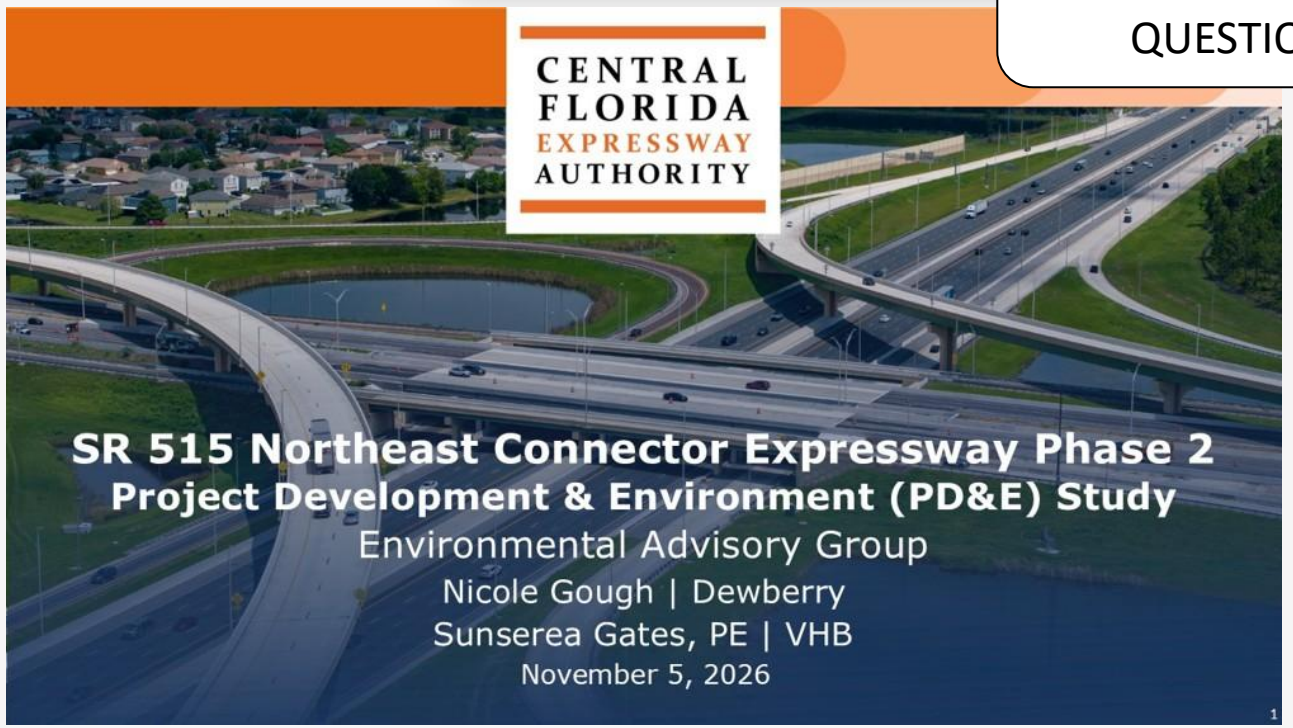
01:45 LIVE | 1

Chat | Q&A | People 2 | Raise | React | View | More | Camera | Mic | Share | Leave

Your mic has been disabled

You can no longer unmute.

USE THE Q&A BOX TO ASK ANY QUESTIONS



UU

Q&A

Collapse

What is the study schedule?

B I ··· Ask

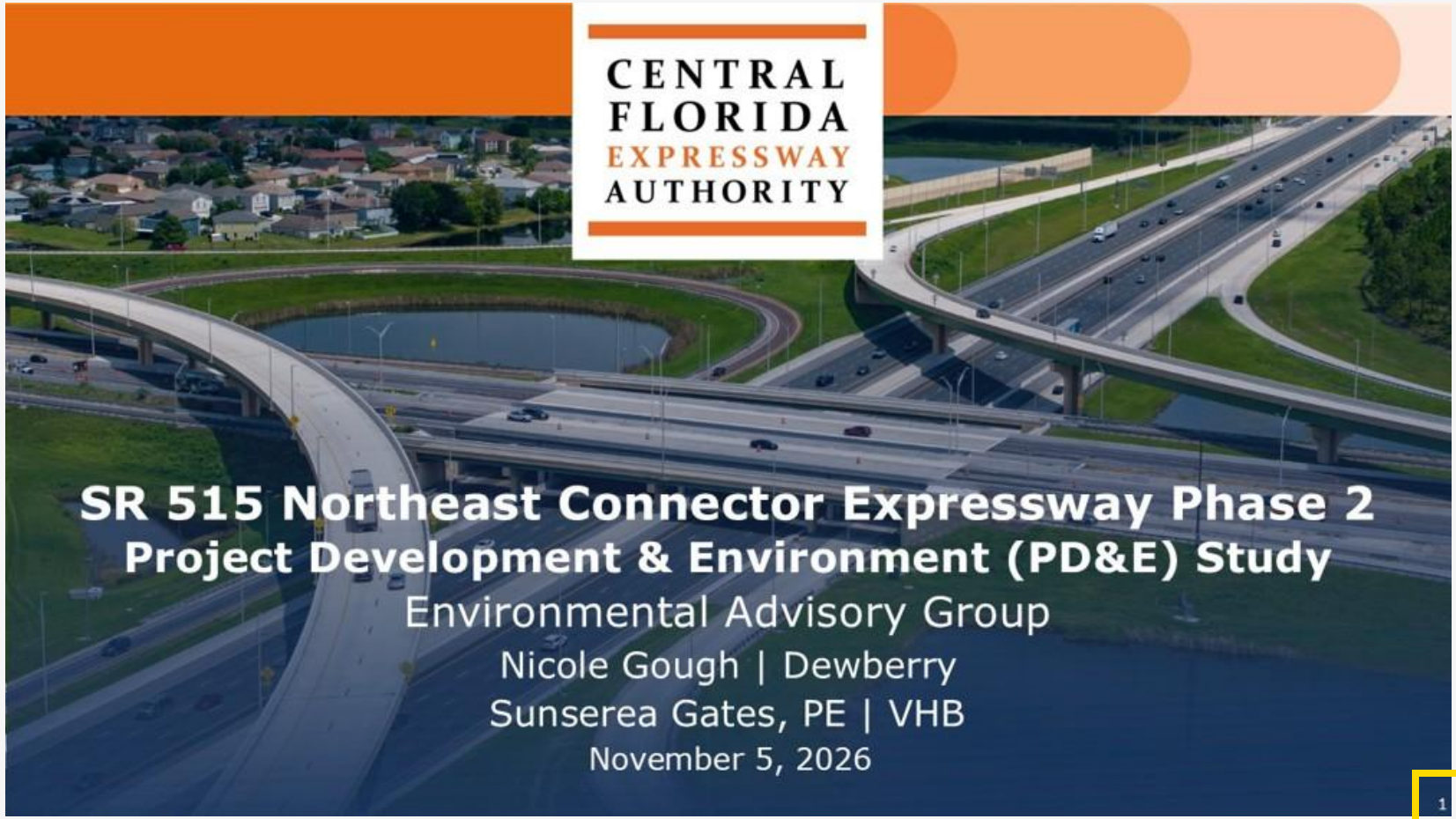
No questions yet

Start the discussion by asking a question

Ask a question

02:25 LIVE | 1

Chat Q&A People 2 Raise React View More Camera Mic Share Leave

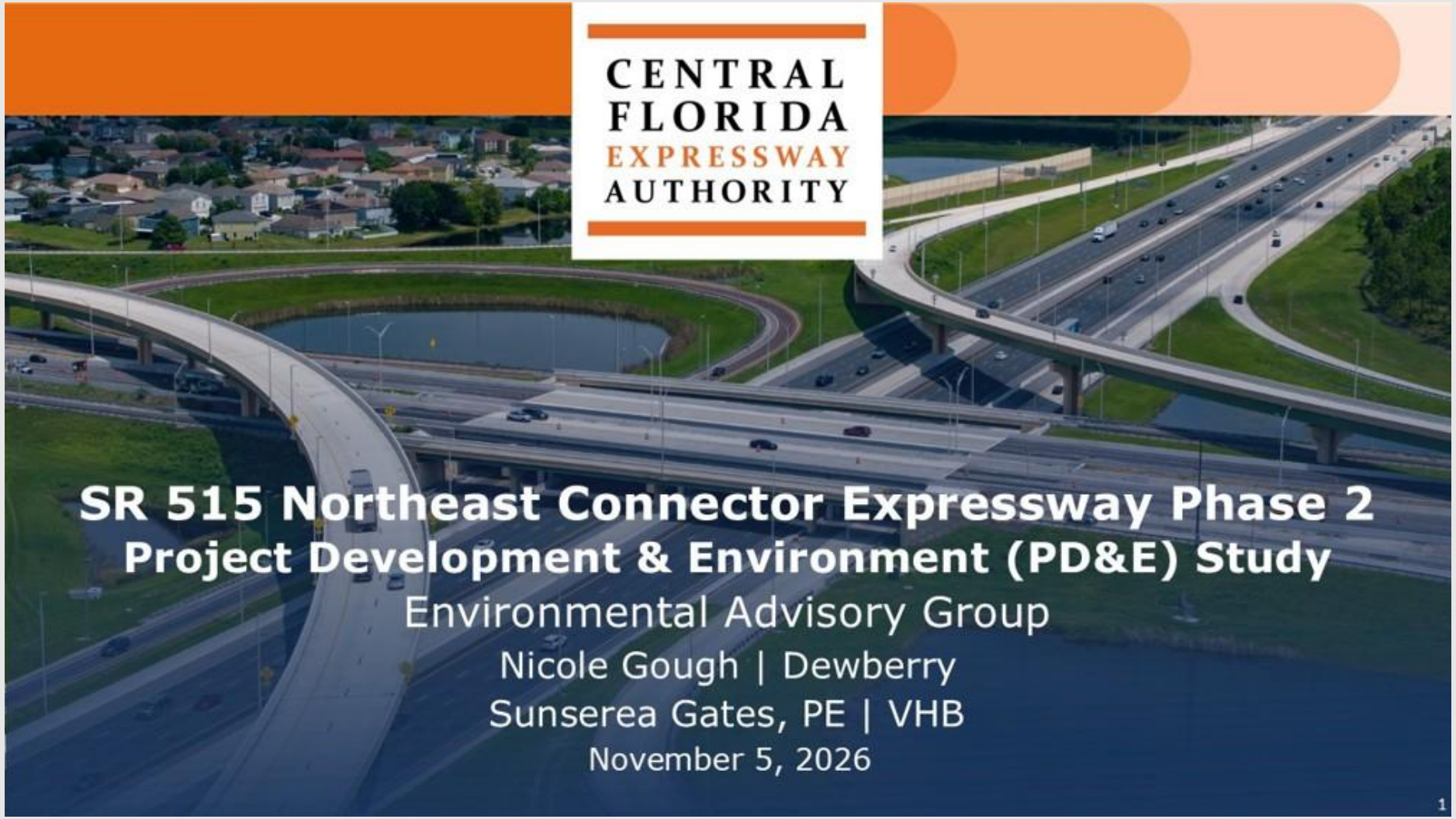


NOTE THE SLIDE NUMBER

1

00:03

Chat Q&A People 2 Raise View More Camera Mic Share Leave

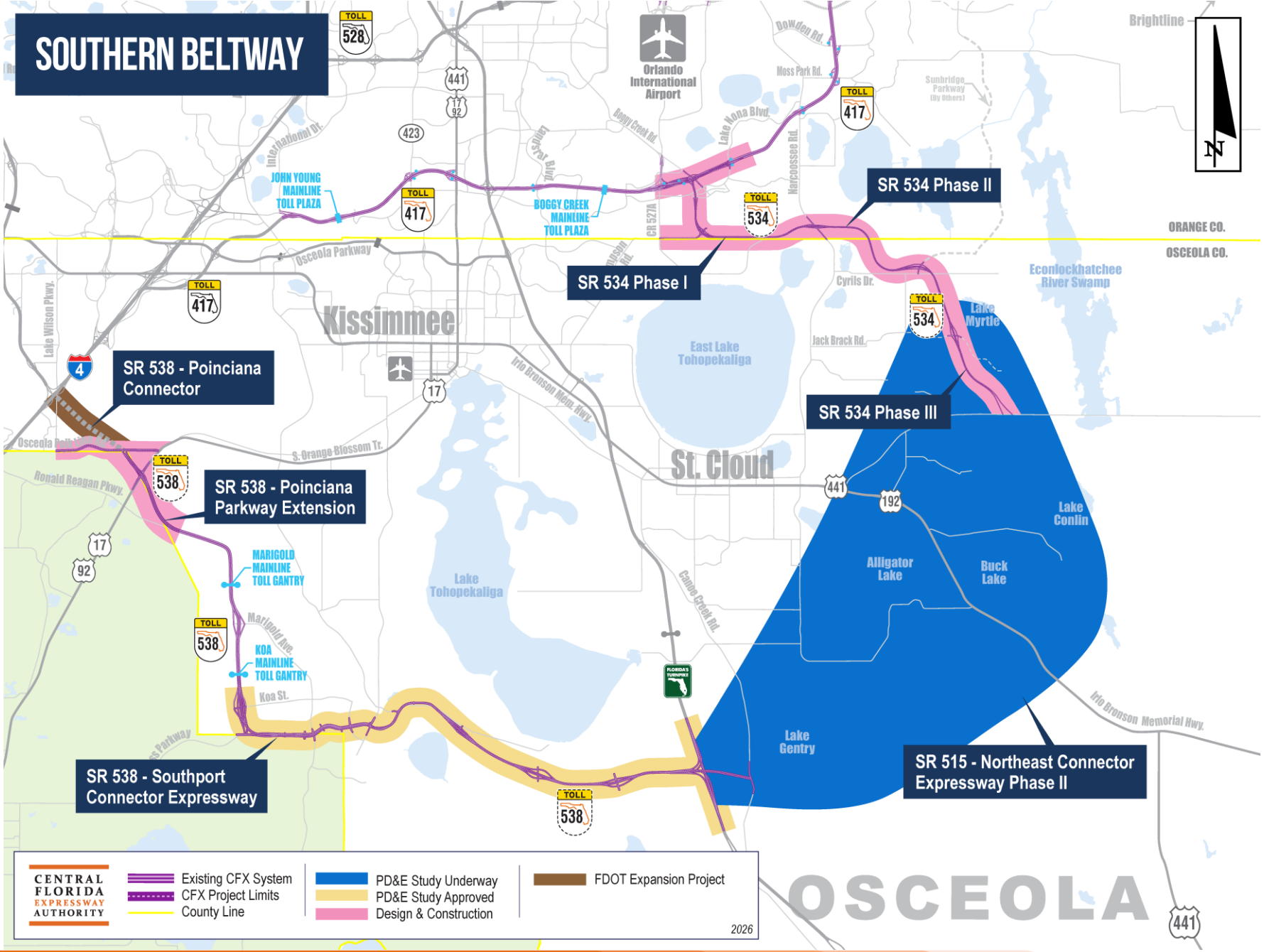


Title VI Compliance

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:

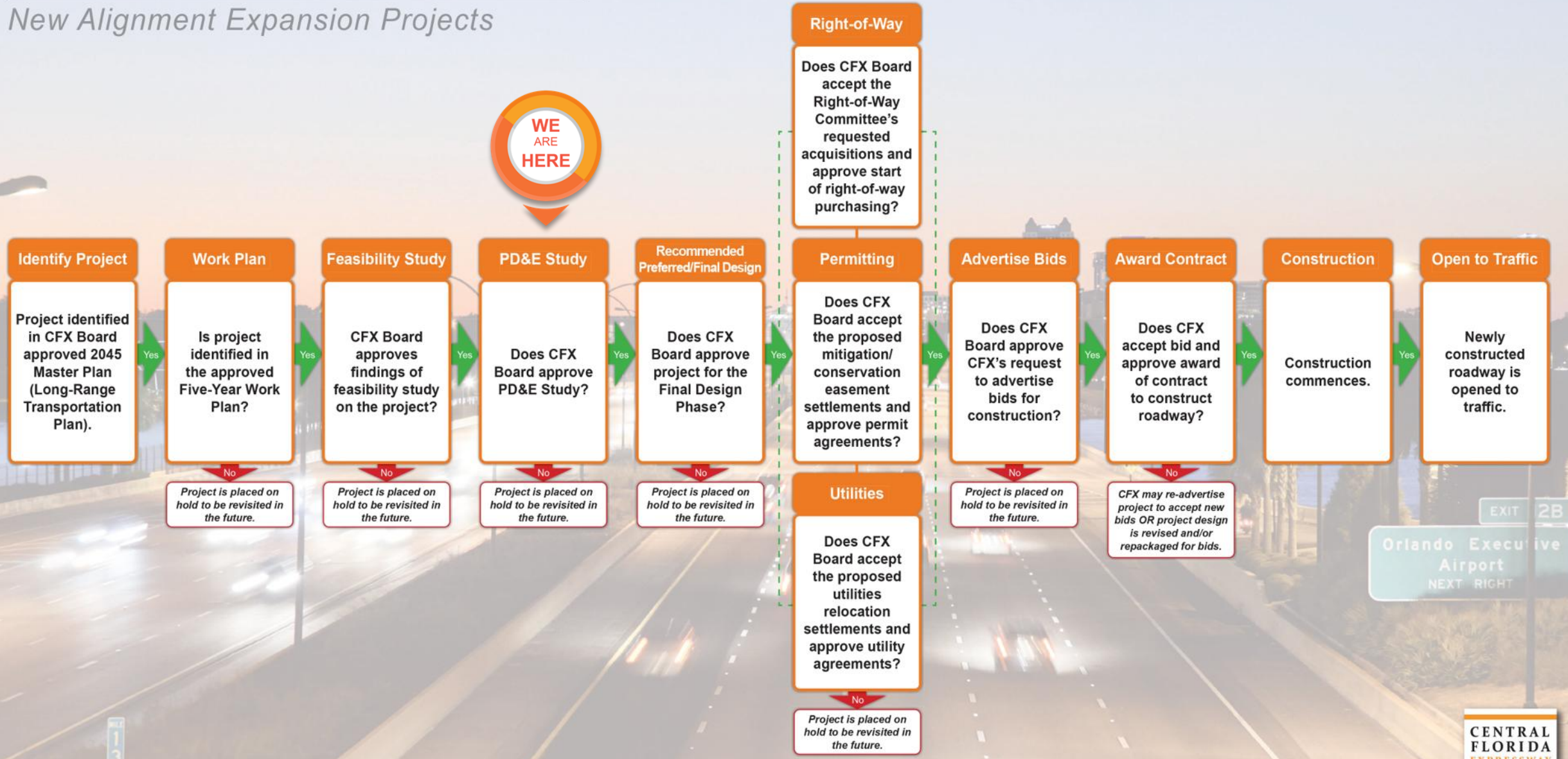
Nick Lulli
Public Involvement Coordinator
4974 ORL Tower Road, Orlando, FL 32807
407-885-4743
ProjectStudies@CFXway.com

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


SOUTHERN BELTWAY
SR 534 Phase II
SR 534 Phase I
SR 534 Phase III
SR 538 - Poinciana Connector
SR 538 - Poinciana Parkway Extension
SR 538 - Southport Connector Expressway
SR 515 - Northeast Connector Expressway Phase II
JOHN YOUNG MAINLINE TOLL PLAZA
BOGGY CREEK MAINLINE TOLL PLAZA
MARIGOLD MAINLINE TOLL GANTRY
KOA MAINLINE TOLL GANTRY
Orlando International Airport
Kissimmee
St. Cloud
Lake Tohopekaliga
East Lake Tohopekaliga
Lake Myrtle
Lake Conlin
Alligator Lake
Buck Lake
Lake Gentry
Econlockhatchee River Swamp
ORANGE CO.
OSCEOLA CO.
OSCEOLA
Brightline
Osceola Parkway
Irlo Bronson Memorial Hwy.
Ronald Reagan Pkwy.
Marigold Ave.
Koa St.
Jack Brack Rd.
Cyrils Dr.
Canoe Creek Rd.
Lake Nona Blvd.
Moss Park Rd.
Boggy Creek Rd.
S. Orange Blossom Tr.
Lake Wilson Pkwy.
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Existing CFX System
CFX Project Limits
County Line
PD&E Study Underway
PD&E Study Approved
Design & Construction
FDOT Expansion Project
2026

PROJECT DEVELOPMENT PROCESS

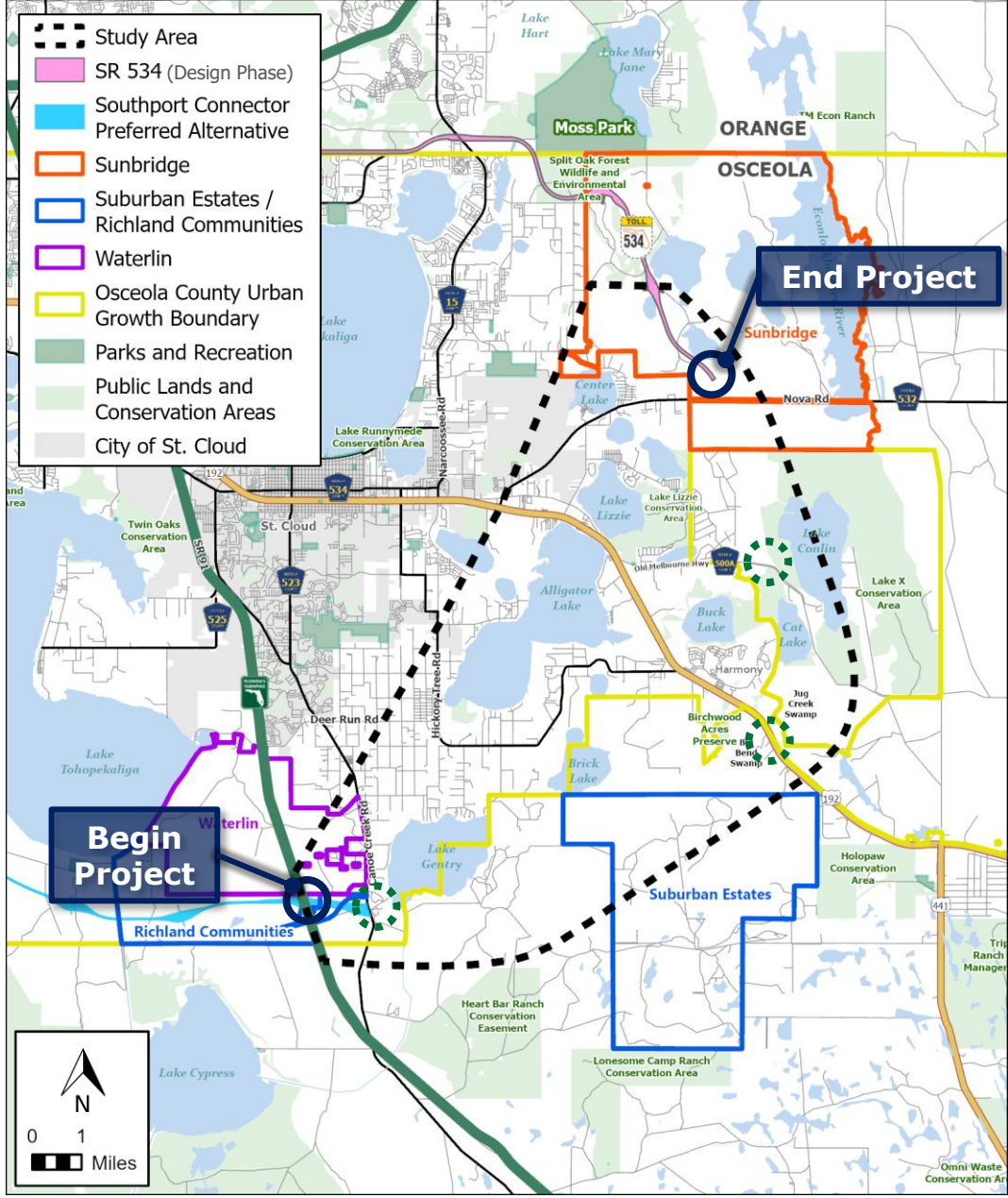
New Alignment Expansion Projects



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

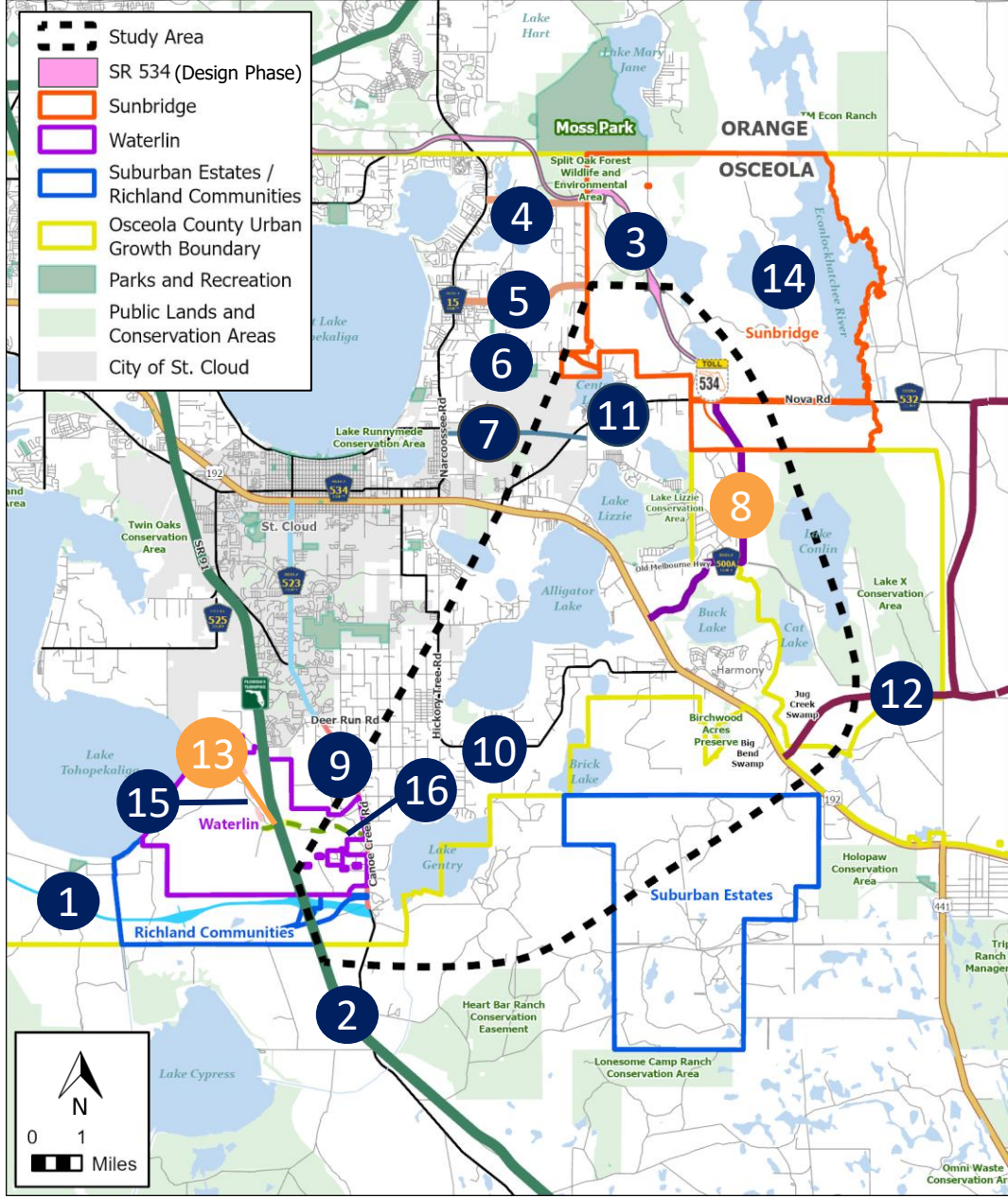
Study Area

- 20-mile expressway
- **Southwest terminus:** proposed Southport Connector Expressway/Florida's Turnpike systems interchange
- **Northern terminus:** SR 534/Nova Road interchange
- Other interchange locations:
  - Canoe Creek Road
  - US 192
  - Old Melbourne Highway – east of the proposed Sunbridge Parkway Extension

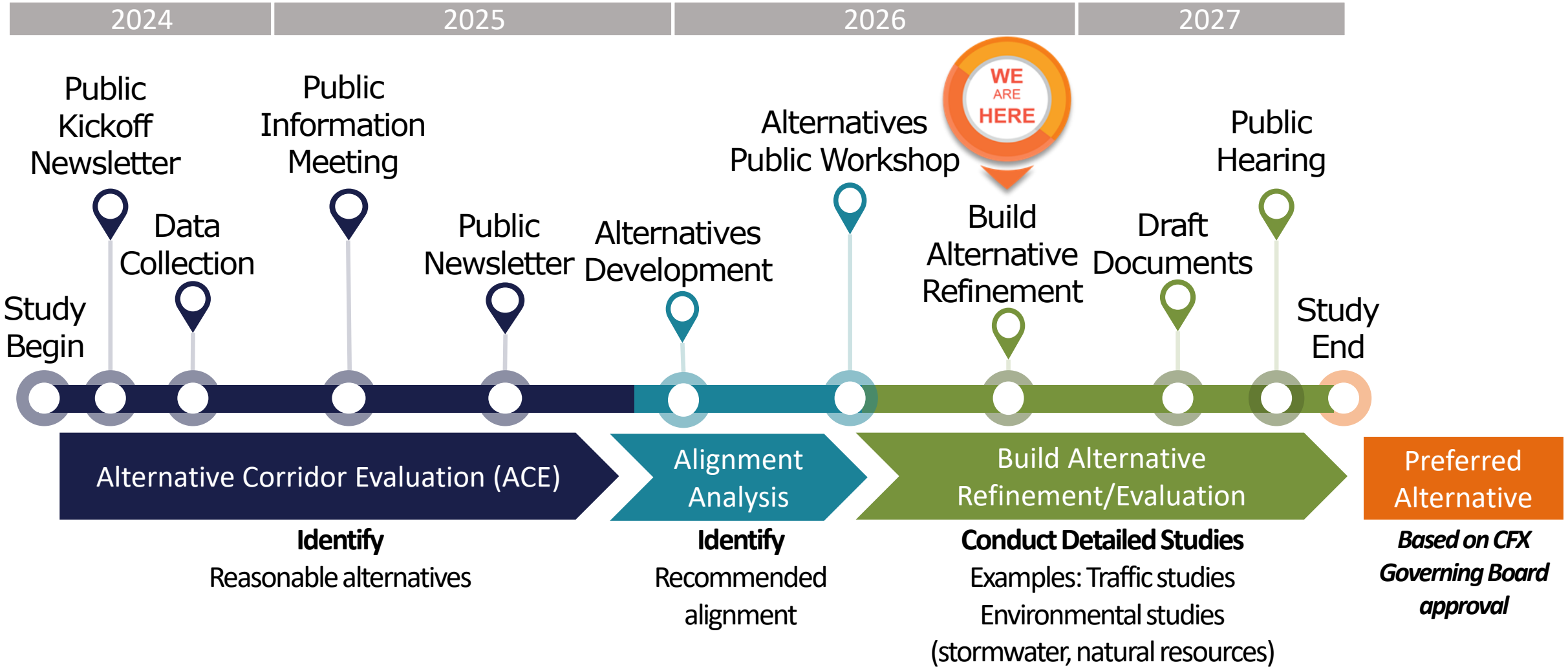


Other Area Projects

1. Southport Connector Expressway new roadway
2. Florida's Turnpike Widening
3. SR 534 extension
4. Cyrils Drive improvements
5. Jack Brack Road improvements
6. Jones Road widening
7. Bass Highway/Nova Connector new roadway
8. Sunbridge Parkway Extension
9. Canoe Creek Road PD&E
10. Hickory Tree Road PD&E
11. Nova Road PD&E
12. Northeast Connector Expressway Extension (NECEE) CF&M
13. Florida's Turnpike / Waterlin interchange
14. Lake to Lake Regional Trail
15. Cross Prairie Parkway extension
16. Waterlin Boulevard new roadway



PD&E Study Timeline



Advisory Group and Stakeholder Input

Environmental Advisory Group (EAG)

Environmental/government agencies and community/advocacy groups

Project Advisory Group (PAG)

Government/transportation planning agencies, large-scale developers and other key stakeholders

Community Engagement Group (CEG)

Community leaders and HOAs, planned development organizations, school officials, emergency services, and civic organizations



Advisory Group and Stakeholder Feedback

Environmental Stewardship Committee (ESC) & Environmental Advisory Group (EAG)

- Minimize impacts to **environmentally-sensitive lands**
- **Preserve natural resources**
- Avoid impacts to **Florida Wildlife Corridor**
- **Florida Forever** priority areas
- Connectivity to existing **conservation**
- Minimize effects on **drainage, floodplains**, and **wetland systems**
- Maintain **SFWMD interests**
- Investigate opportunities to maintain wildlife habitat connectivity
- **Desire to avoid growth outside Urban Growth Boundary**
- **Considerations for environmental mitigation (additional bridging and conservation land opportunities)**

Project Advisory Group (PAG)

- **Avoidance of existing residential** areas and **planned residential developments**
- Suggestion to consider future expansion and multimodal transportation options
- Expressed importance of continued coordination with **related projects** and ongoing development in the areas
- Minimize impacts to agricultural operations and maintain farm access through underpasses or similar accommodations

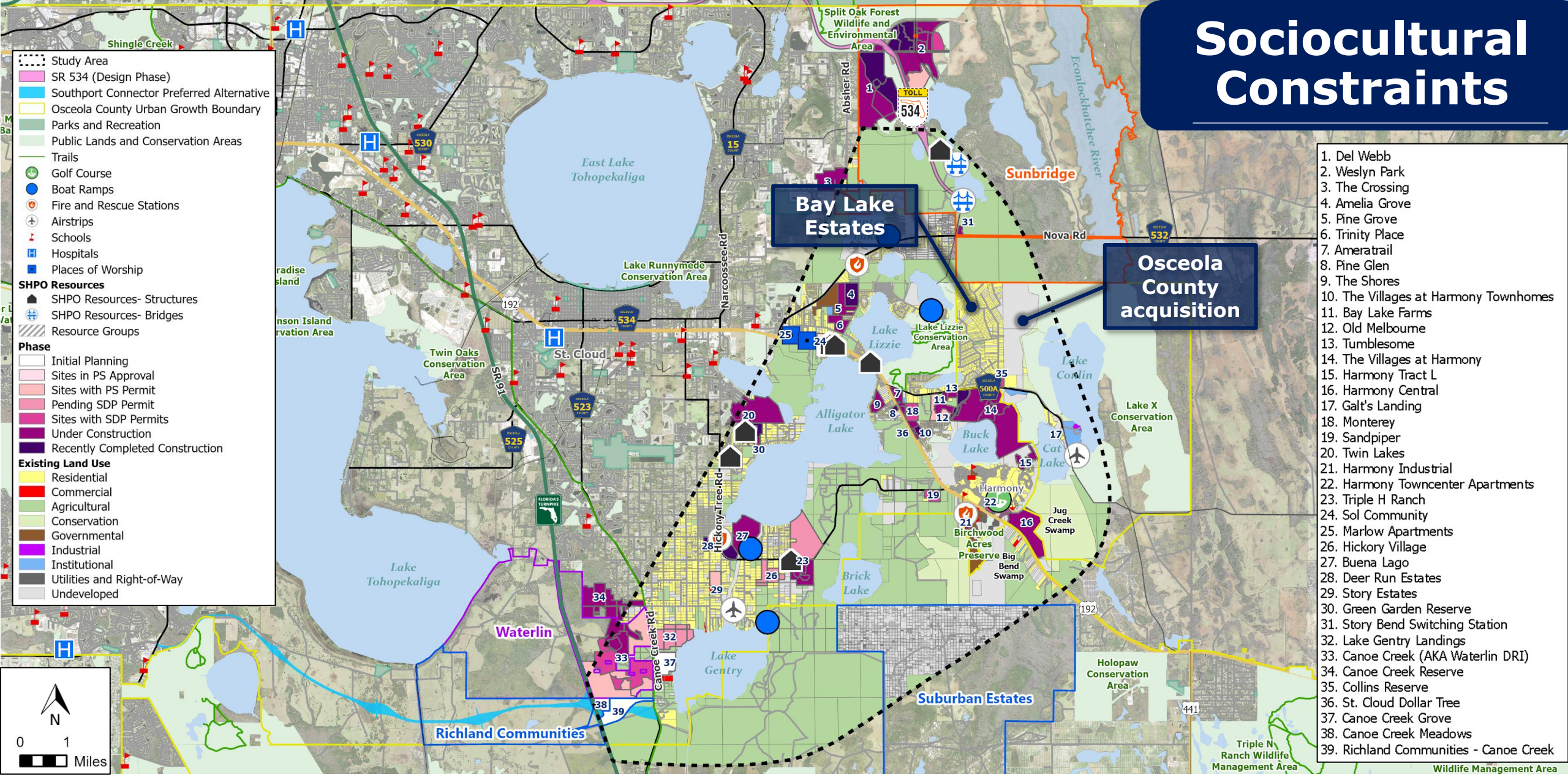
Community Engagement Group (CEG)

- Concerns for **effects to existing and planned residential areas and neighborhoods**
- Avoid and **minimize impacts to natural and social impacts**

Public Workshop

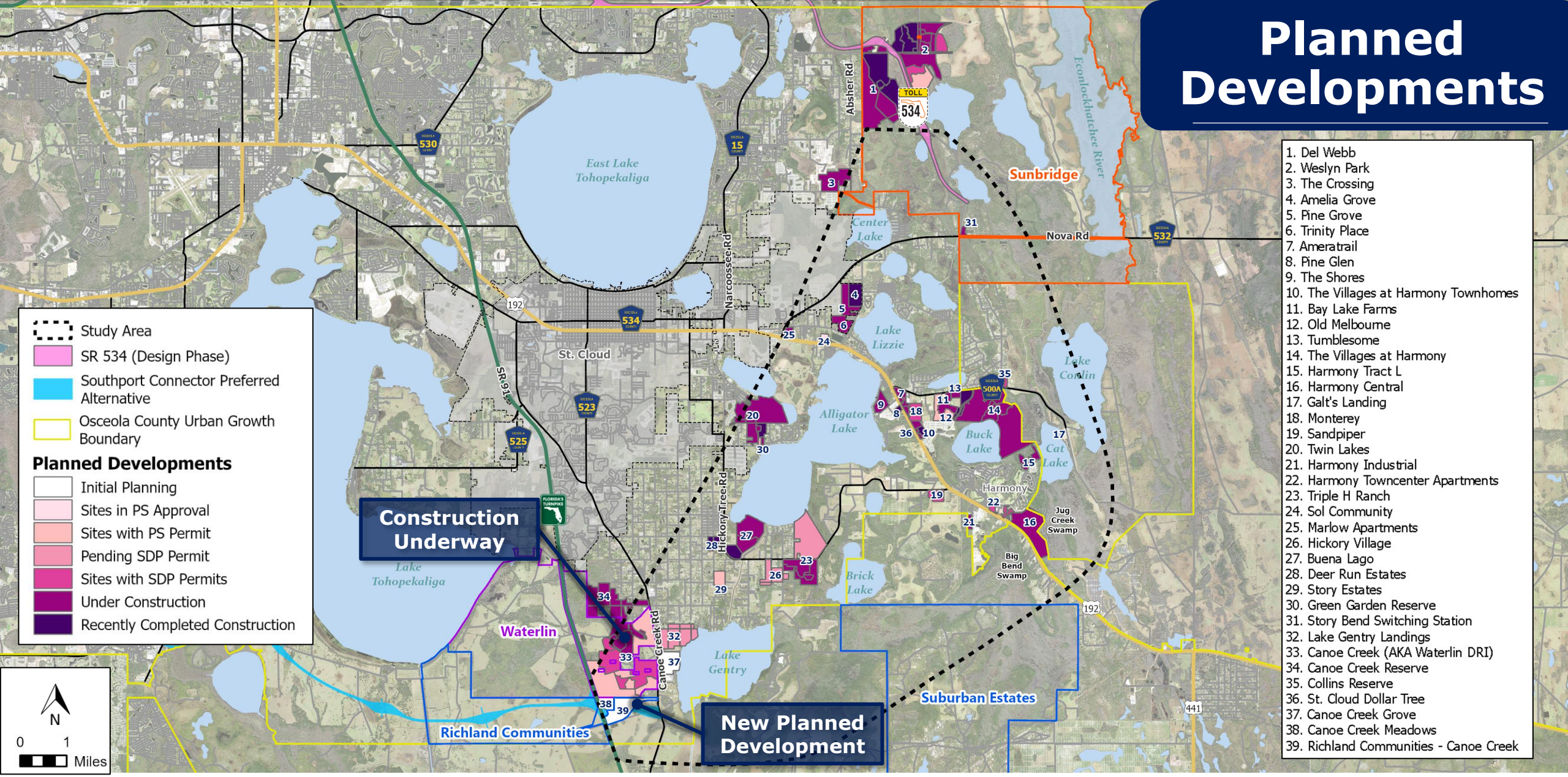
- Prefer options with **least impacts to residential communities**
- Concerns over **impacts to Suburban Estates and natural environment**
- Comments received from the public were largely **in support of Alignment G**
- Public in **support of the project**

Sociocultural Constraints



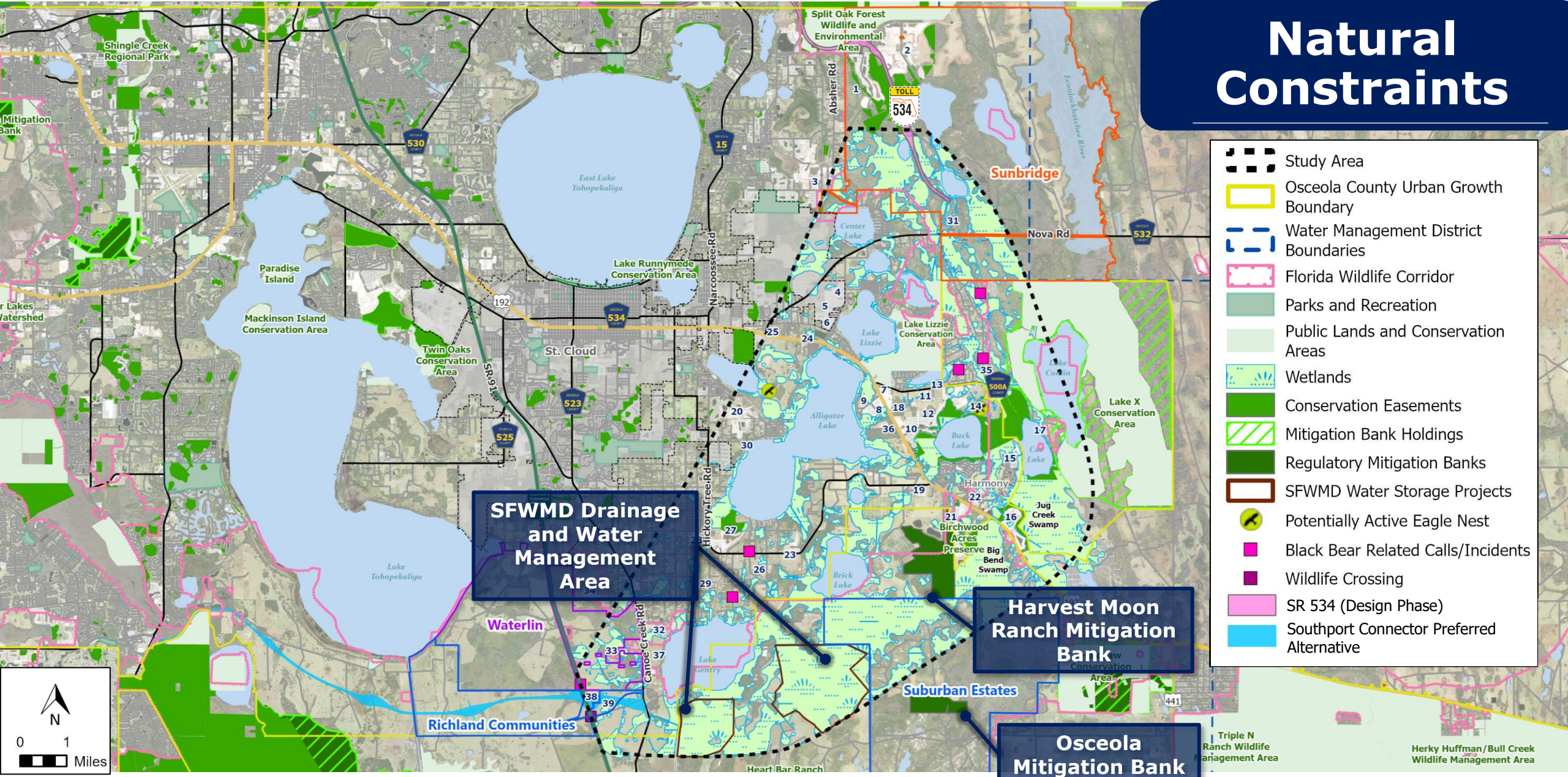
1. Del Webb
2. Weslyn Park
3. The Crossing
4. Amelia Grove
5. Pine Grove
6. Trinity Place
7. Ameratrail
8. Pine Glen
9. The Shores
10. The Villages at Harmony Townhomes
11. Bay Lake Farms
12. Old Melbourne
13. Tumblesome
14. The Villages at Harmony
15. Harmony Tract L
16. Harmony Central
17. Galt's Landing
18. Monterey
19. Sandpiper
20. Twin Lakes
21. Harmony Industrial
22. Harmony Towncenter Apartments
23. Triple H Ranch
24. Sol Community
25. Marlow Apartments
26. Hickory Village
27. Buena Lago
28. Deer Run Estates
29. Story Estates
30. Green Garden Reserve
31. Story Bend Switching Station
32. Lake Gentry Landings
33. Canoe Creek (AKA Waterlin DRI)
34. Canoe Creek Reserve
35. Collins Reserve
36. St. Cloud Dollar Tree
37. Canoe Creek Grove
38. Canoe Creek Meadows
39. Richland Communities - Canoe Creek

Planned Developments

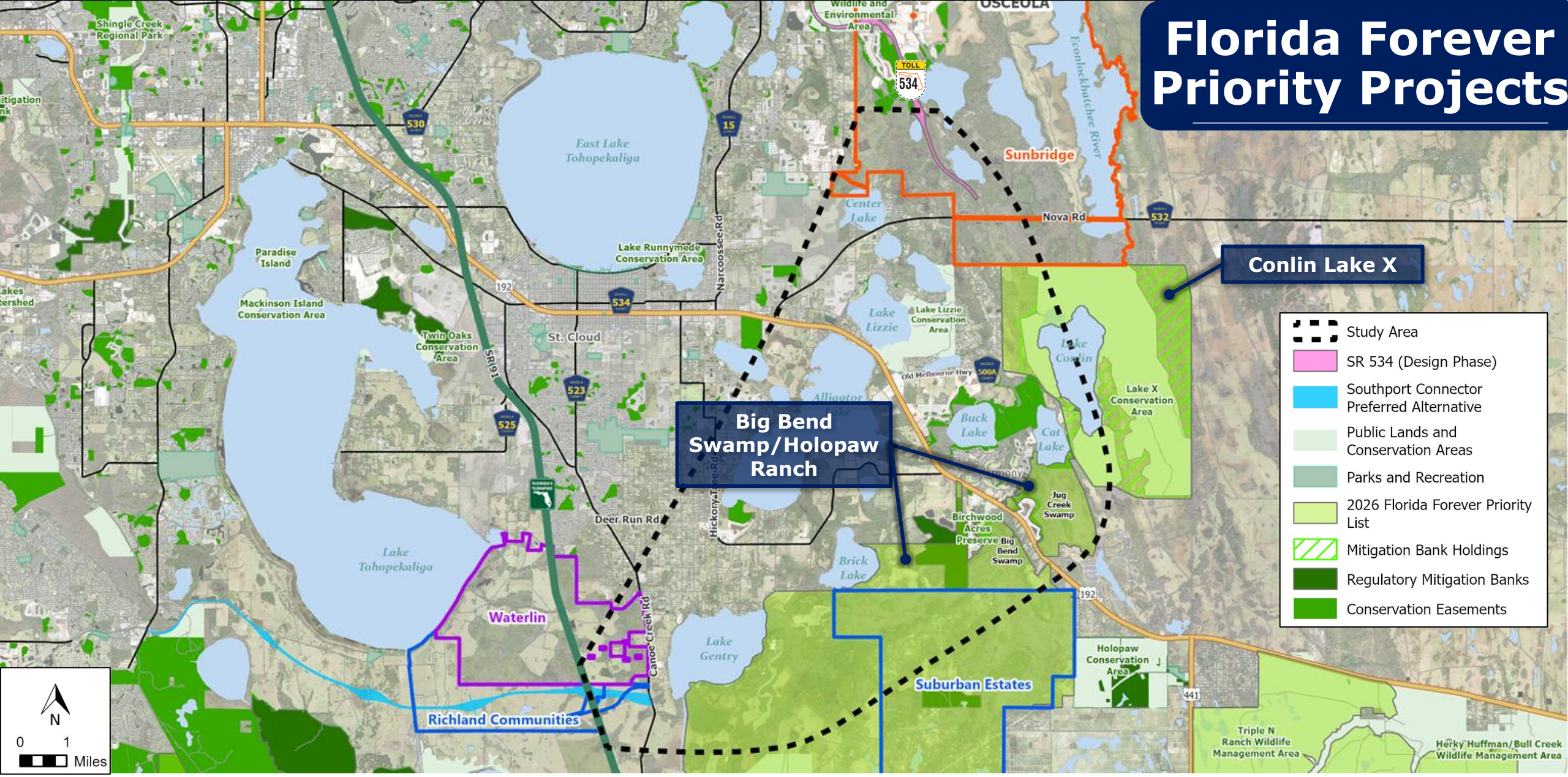


1. Del Webb
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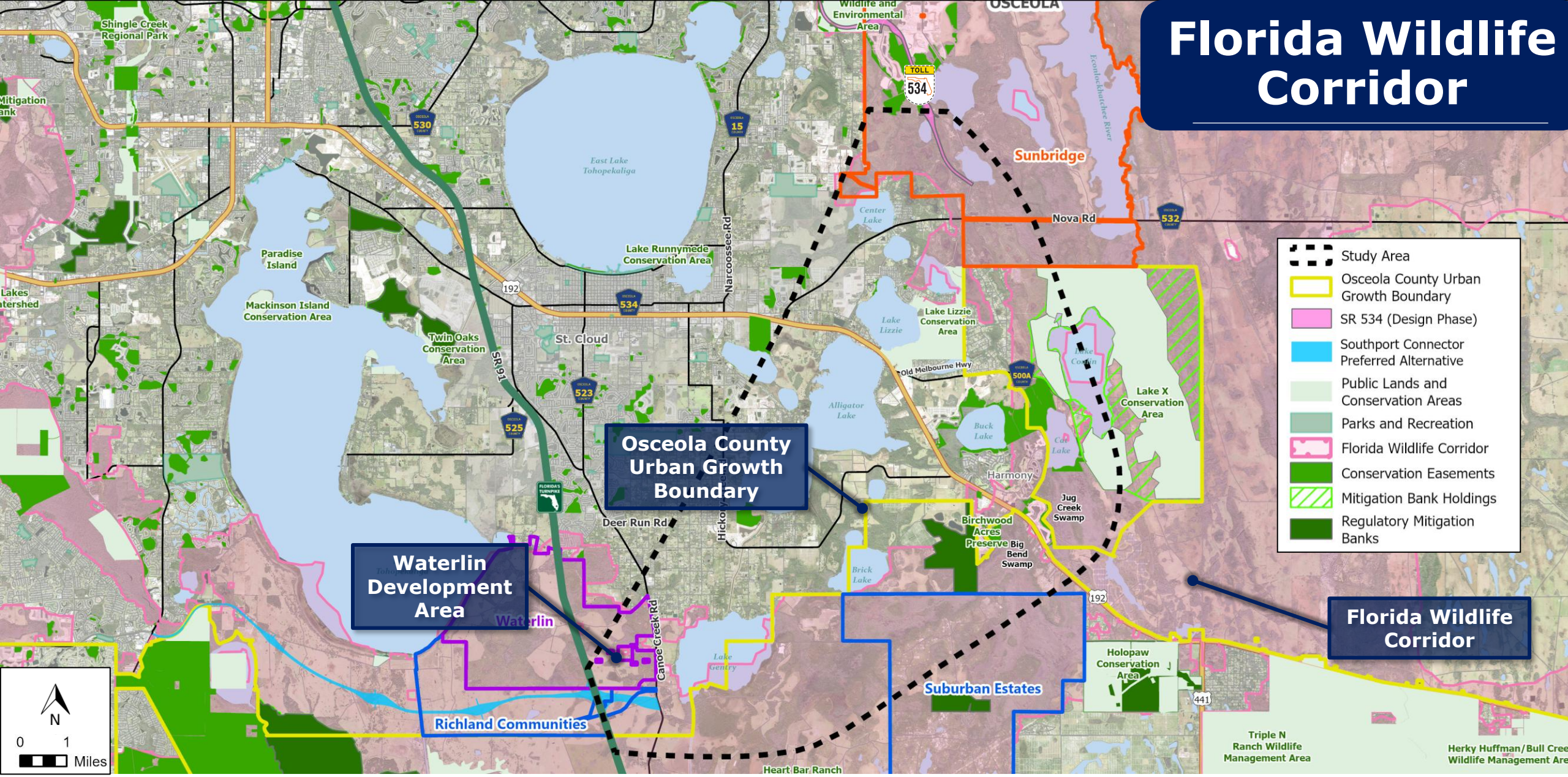
Natural Constraints



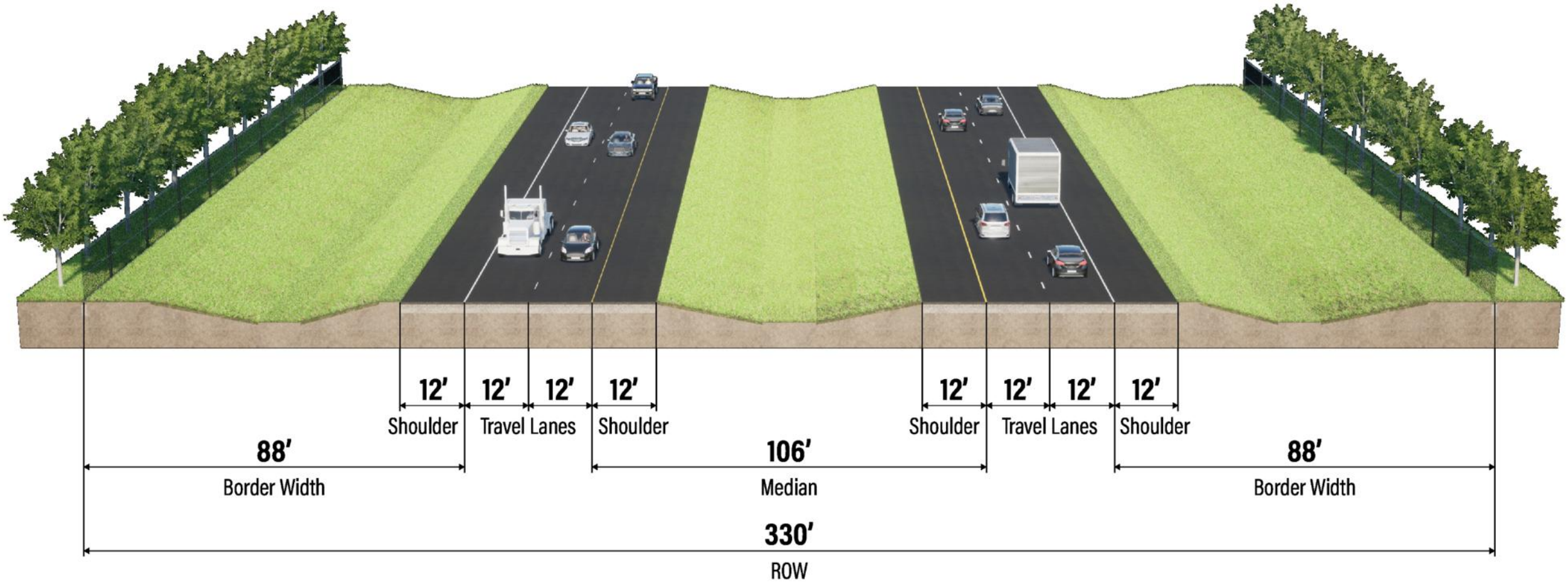
Florida Forever Priority Projects



Florida Wildlife Corridor

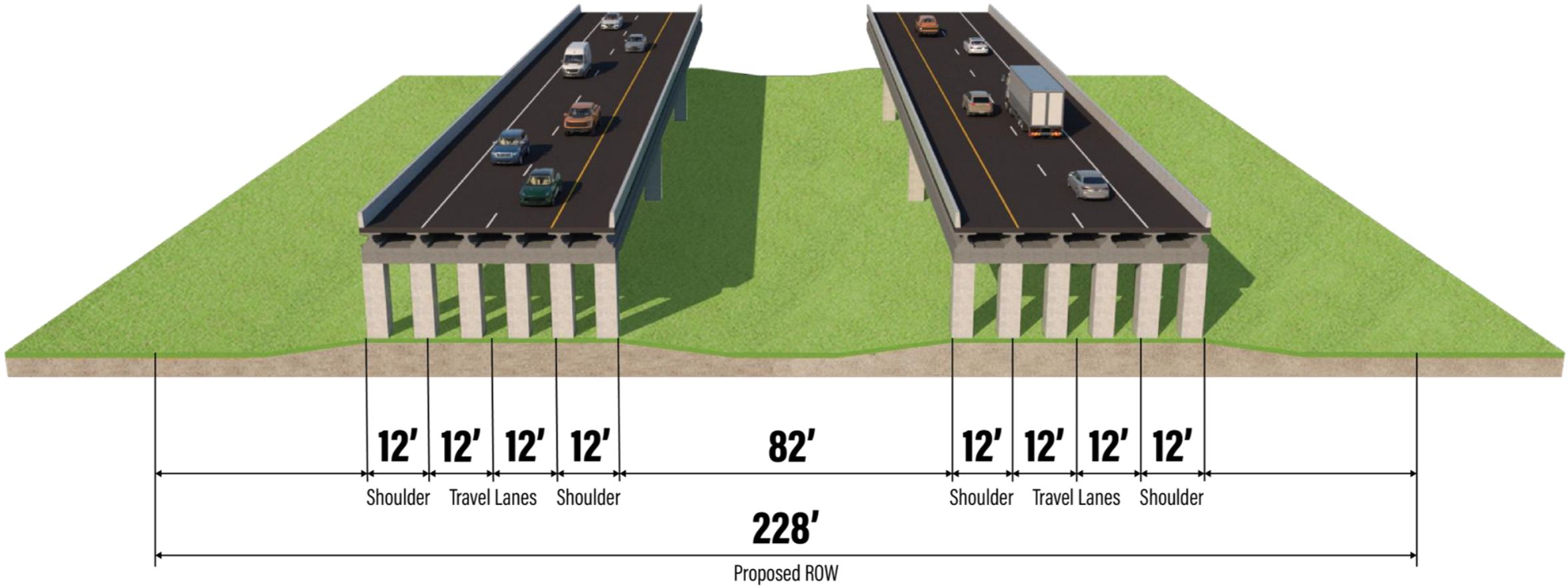


Mainline Typical Section



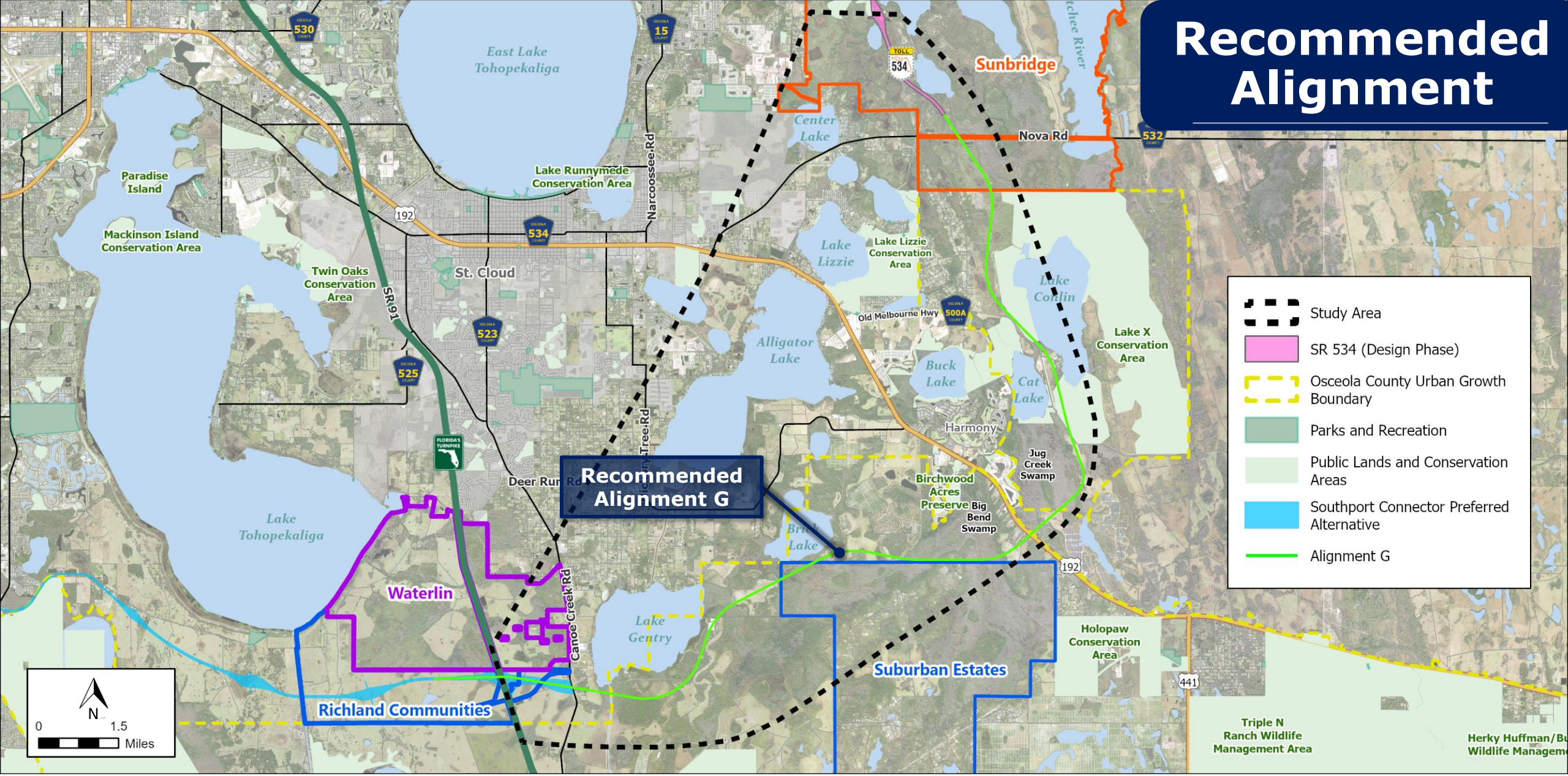
Right-of-Way (ROW)

Bridge Typical Section

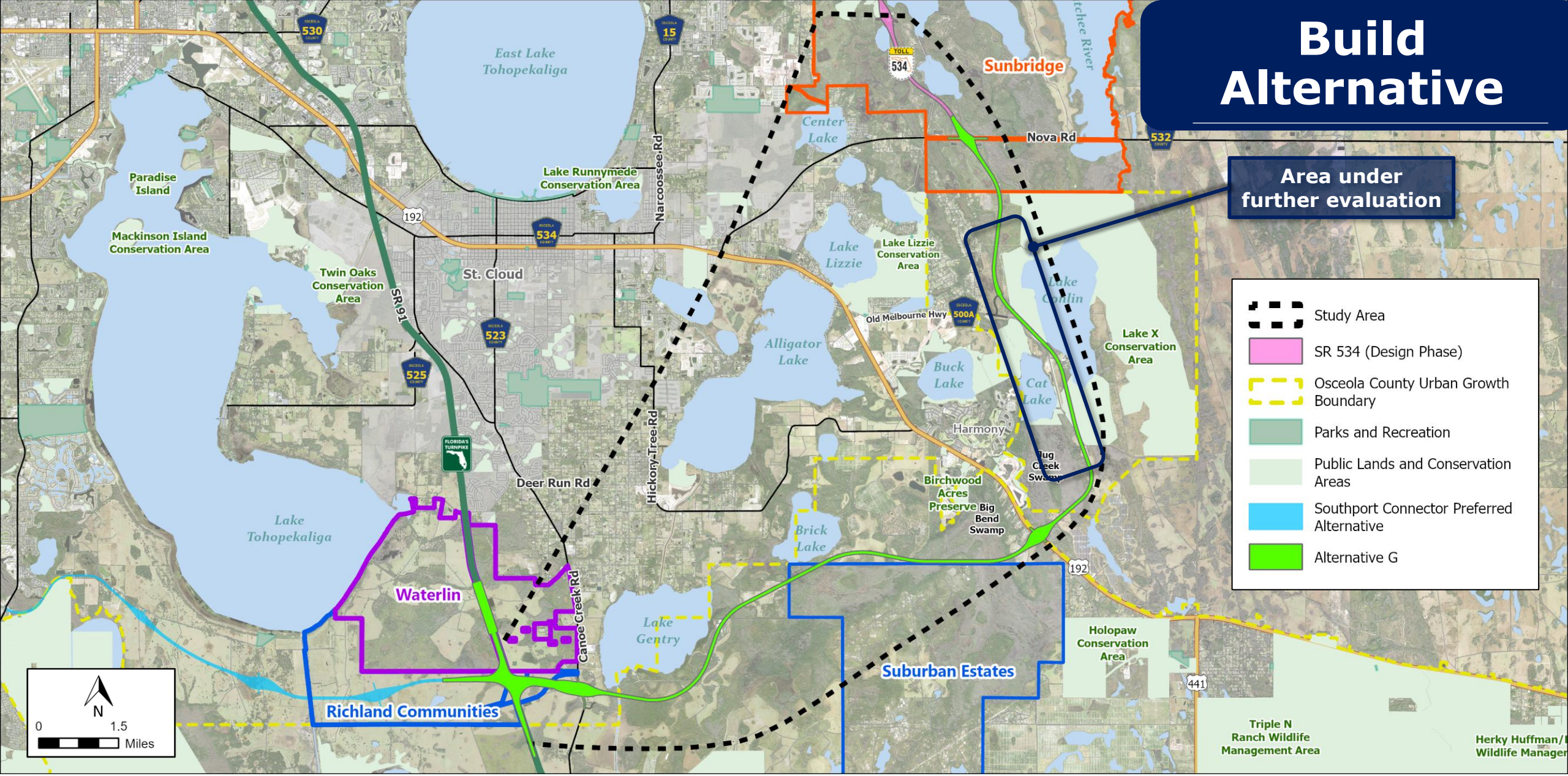


Right-of-Way (ROW)

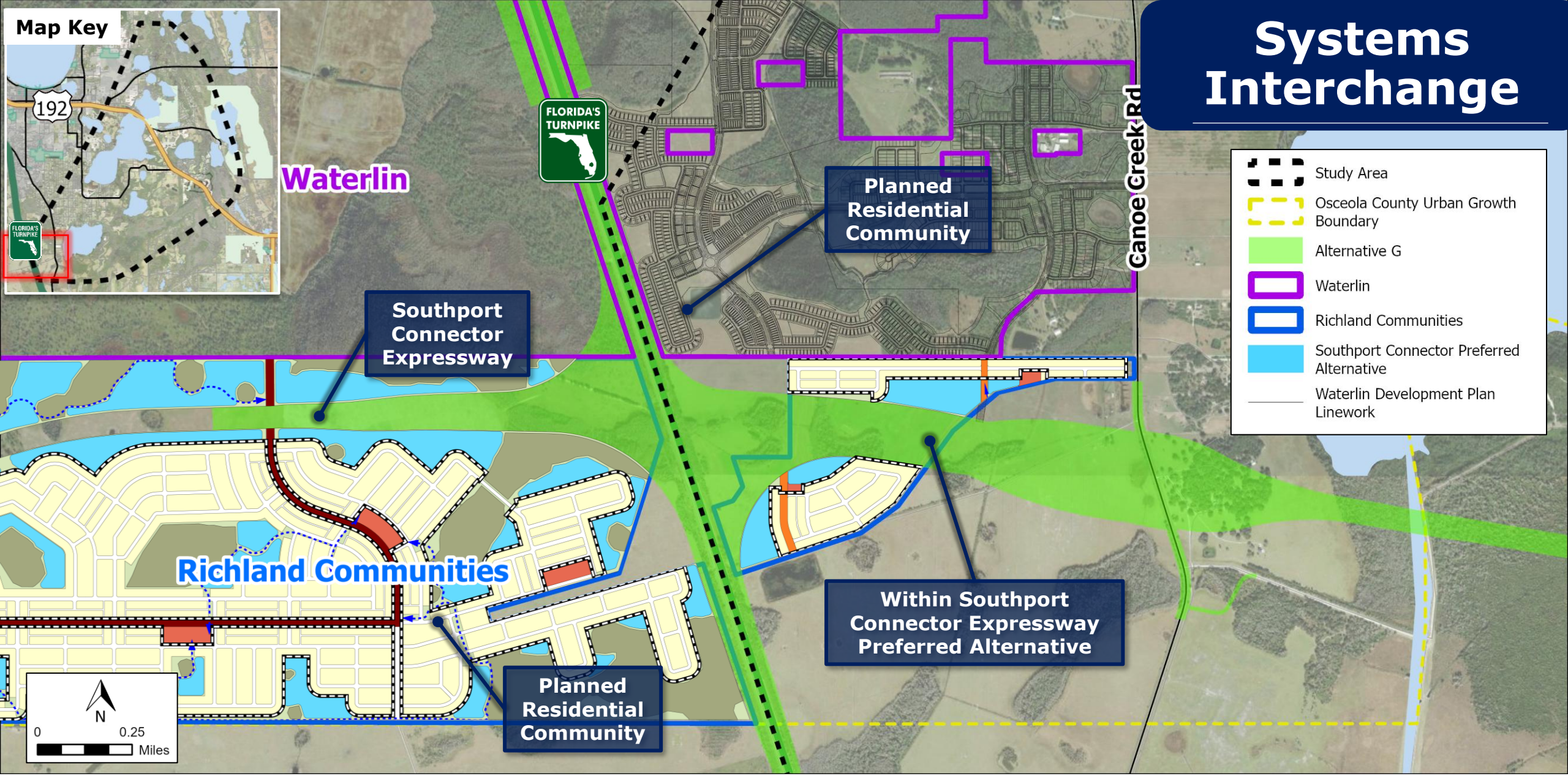
Recommended Alignment



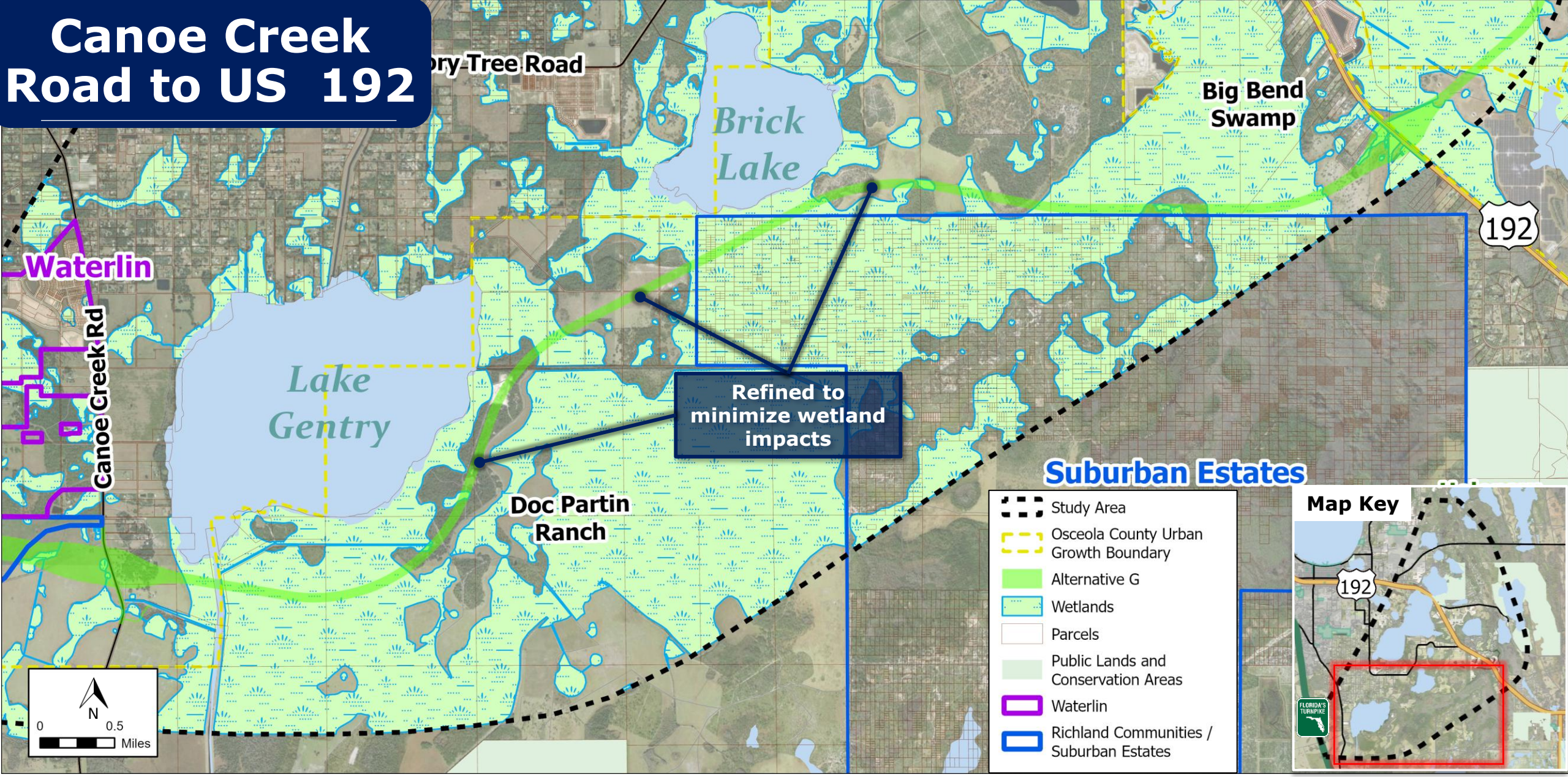
Build Alternative



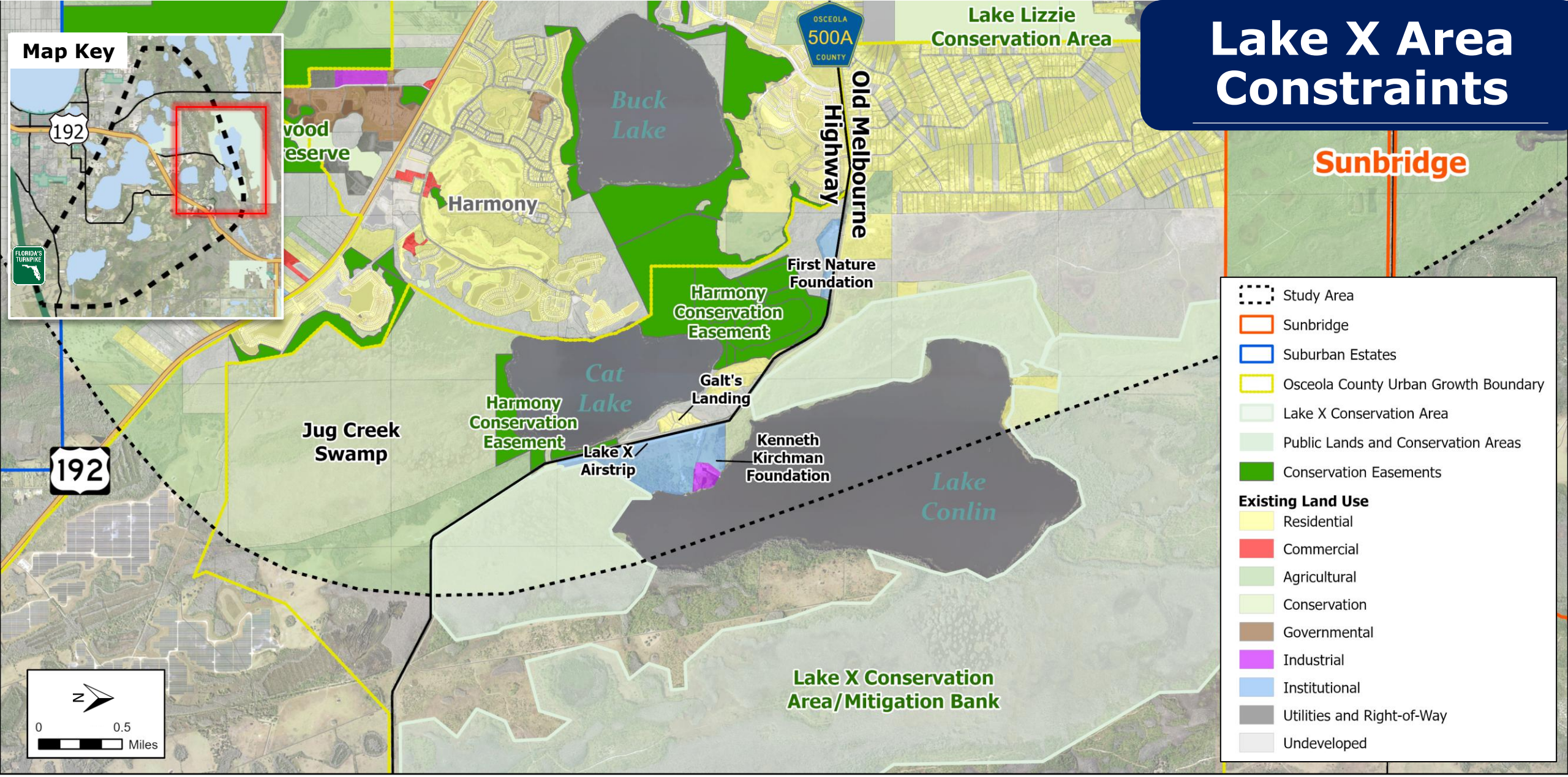
Systems Interchange



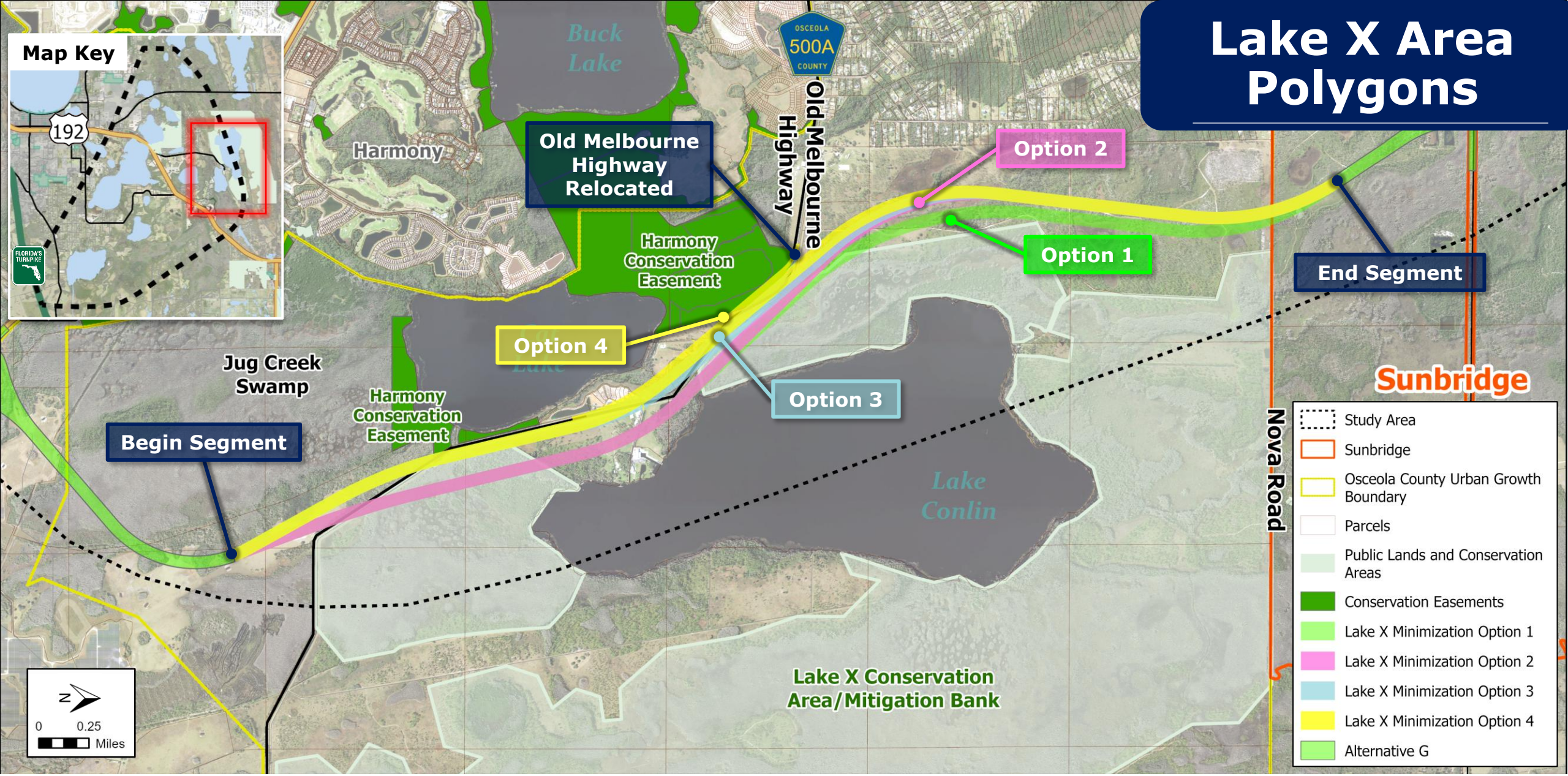
Canoe Creek Road to US 192



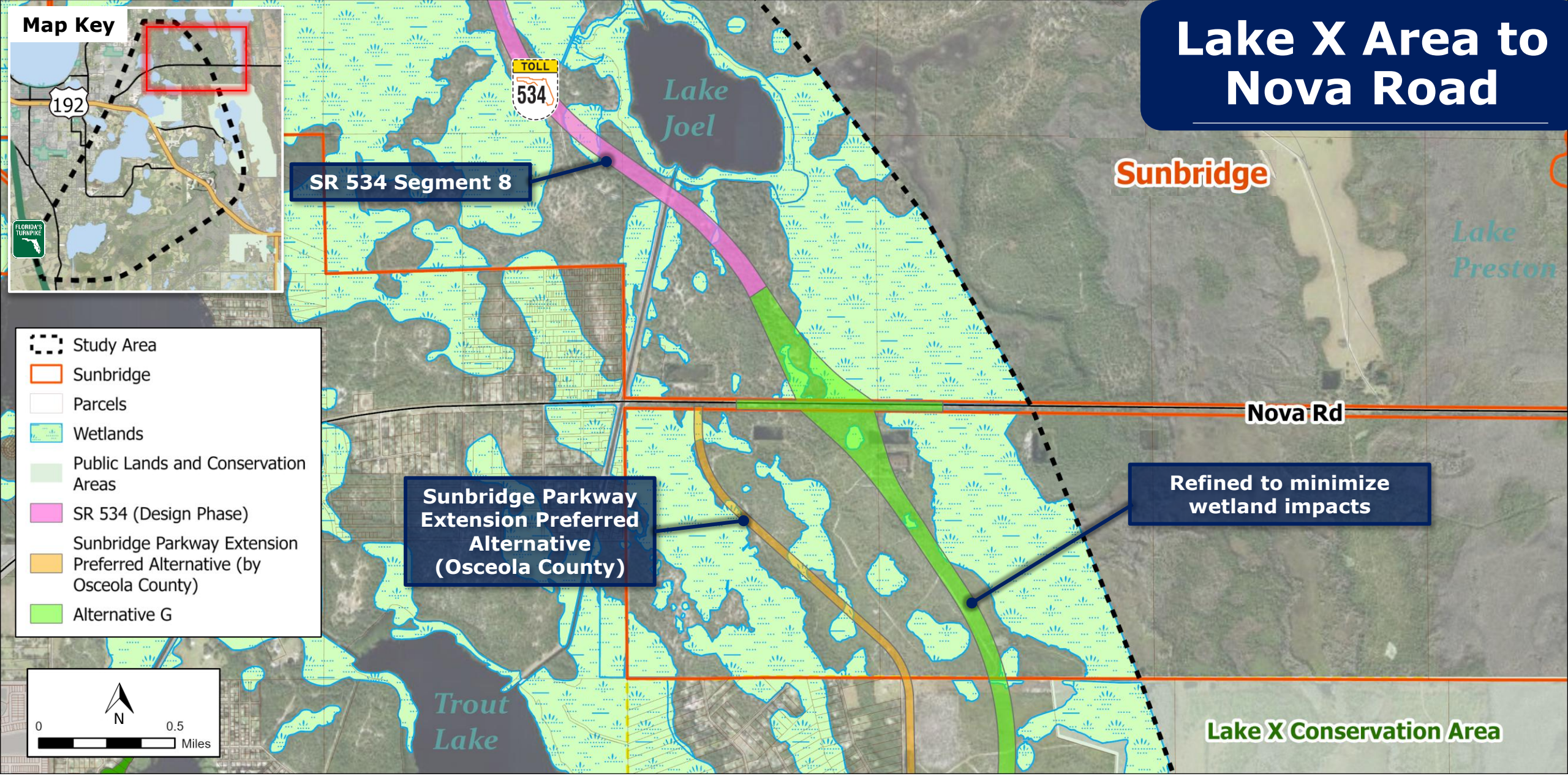
Lake X Area Constraints



Lake X Area Polygons



Lake X Area to Nova Road



Lake X Area Options Evaluation Matrix

Evaluation Measure	Unit of Measure	Option 1 (as presented at Alternatives Public Workshop)	Option 2 (east)	Option 3 (center)	Option 4 (west)
Design					
Corridor Length	Miles	6.0	6.1	6.0	6.1
Proposed ROW width	Feet	330	330	330	330
Proposed ROW total (approximate)	Acres	241	243	265	266
Proposed bridge crossings (roadway/canal/environmental crossings)[1]	Number of Crossings	7	7	5	5
Total length of all crossings (roadway/canal/environmental crossings)[1]	Feet	3,662	3,662	1,549	1,566
Roadway/Canal Crossings	Feet	1,120	1,120	1,035	1,052
Environmental Crossings (Planned)	Feet	2,542	2,542	514	514
Accommodates existing Old Melbourne Highway connection to Old Brick Road	Yes/No	Yes	Yes	Yes	Yes
Accommodates proposed Old Melbourne Highway Interchange	Yes/No	Yes	Yes	Yes	Yes
Requires reconstruction of segments of Old Melbourne Highway	Yes/No	No	No	Yes	Yes
Physical					
Major Utility Conflicts - Existing	Number of Conflicts	1	1	2	3
Contamination Sites (Medium and High Risk Sites)	Number of Conflicts	1	1	0	0
Cultural Environment					
Public Recreation Lands	Acres	0	0	0	0
Kenneth Kirchman Foundation Recreational Site	Yes/No	Yes, direct impacts to private recreational facilities	Yes, direct impacts to private recreational facilities	Yes, but avoids direct impacts to private recreational facilities.	Yes, but avoids direct impacts to private recreational facilities.
Potential Historic Resources	Number of Conflicts	0	0	0	0
Potential Historic Linear Resources (Canals/Highways/Railroads)	Number of Resources	1	1	1	1
Potential Archaeological Resources	Number of Resources	0	0	0	0

Notes:

1. Roadway/Canal crossings include ramp bridges. Bridge length is based on longest span per location. Environmental crossings are based on corridor length (not length of multiple spans) and are subject to change.

Lake X Area Options Evaluation Matrix

Evaluation Measure	Unit of Measure	Option 1 (as presented at Alternatives Public Workshop)	Option 2 (east)	Option 3 (center)	Option 4 (west)
Natural Environment					
Floodplain Involvement - 100 Year Floodplain[2]	Acres	145	151	157	156
Canals / Regulated Floodways[3]	Number of Conflicts	0	0	0	0
Wetlands (non-forested and forested)[4]	Acres	88	91	83	84
Surface Waters	Acres	0	0	0	0
Potential Species Habitat[5]	Acres	223	229	217	208
Lake X Ranch (Total)	Acres	126	119	71	55
Mitigation Bank/Conservation Easement	Acres	*55*	*47*	*8*	*3*
Existing Land Use (Conservation)	Acres	*28*	*29*	*28*	*20*
Non-Conservation Acreage (Institutional)	Acres	*43*	*43*	*35*	*32*
Other Regulatory Conservation Easements (Harmony)	Acres	0	0	6	13
Other Conservation Areas (designated by Existing Land Use)	Acres	0	0	0	0
Florida Wildlife Corridor[6]	Acres	228	230	236	240
Florida Forever Priority Projects (Planned)[6]	Acres	73	83	87	89

Notes:

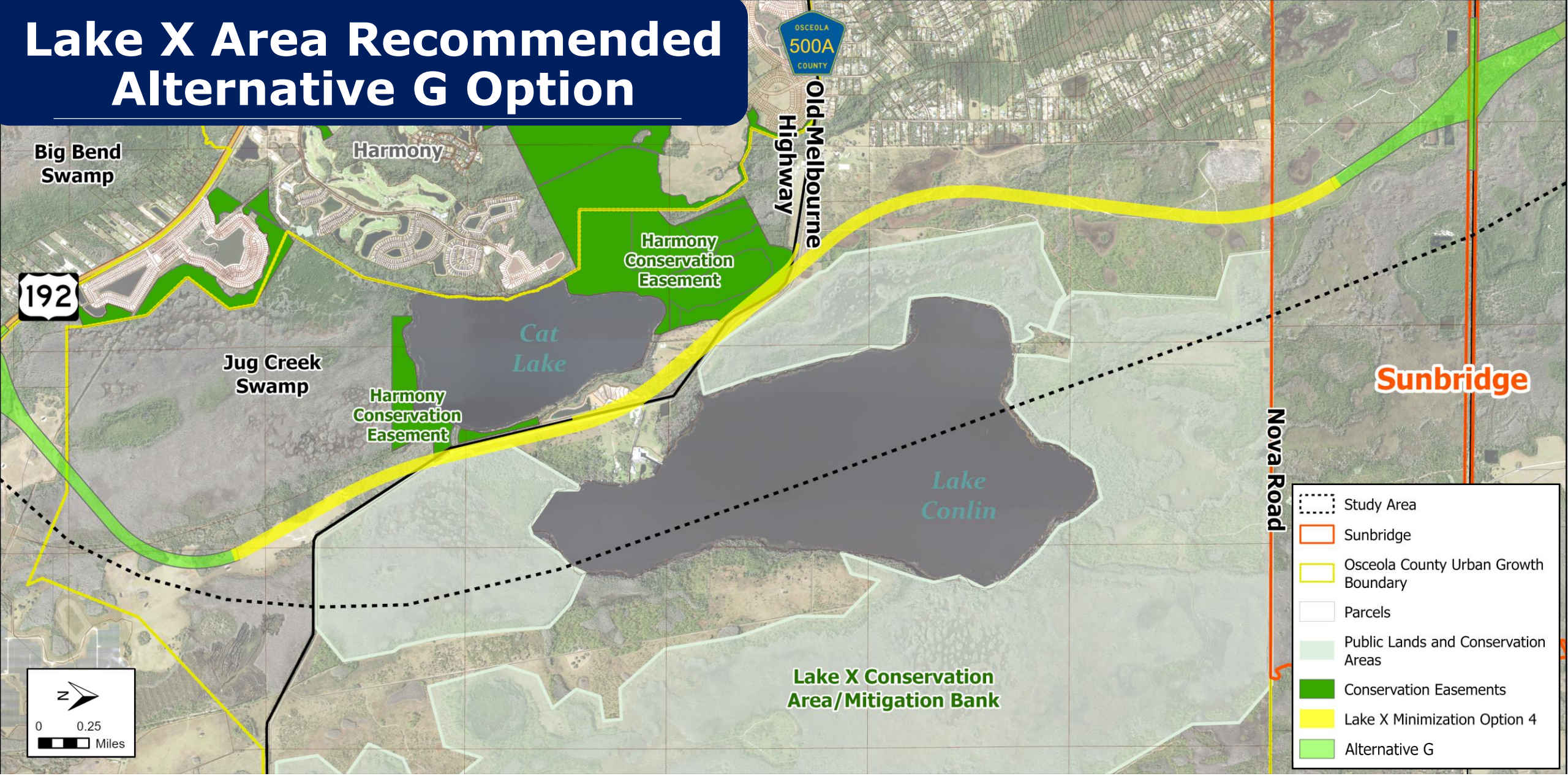
2. Floodplain involvement based on GIS data only and doesn't include minimization efforts to reduce direct ROW impacts.
3. Number of conflicts are identified; however bridges are assumed for all crossings.
4. Wetland values were derived based on FLUCCS and refined using approved wetland boundaries from the WMD, as well as available DEM and LiDAR data. No field-based wetland survey was conducted. Wetland impacts do not include minimization efforts to reduce direct ROW impacts.
5. Limited observation data available due to undeveloped nature of the study area. Species habitat identified based on FLUCCS and typical habitat for gopher tortoise, caracara, snail kite, grasshopper sparrow, scrub jay, red cockaded woodpecker, wood stork, eagle nest, Florida panther, and black bear. Telemetry data indicates the presence of the Florida panther 2,100 feet west of the Florida's Turnpike; however, the panther is absent within all of the alignments. Additionally, the alignments are not within the focus area which includes the primary and secondary zones. Black bear are "occasional" throughout the alignments and not within the primary range of the black bear.
6. Values do not include overlap areas within Lake X Ranch.

Lake X Area Options Evaluation Matrix

Evaluation Measure	Unit of Measure	Option 1 (as presented at Alternatives Public Workshop)	Option 2 (east)	Option 3 (center)	Option 4 (west)
Social					
Residential Parcels					
Potential Residential Parcels Affected[7,8,10]	Number of Parcels	1	0	12	15
Residential Parcels	Number of Parcels	*1*	*0*	*3*	*4*
Residential Stormwater and Common Areas	Number of Parcels	*0*	*0*	*9*	*11*
Potential Residential Parcels Affected[7,8,10]	Acres	4	0	13	24
Residential Parcels	Acres	*4*	*0*	*4*	*13*
Residential Stormwater and Common Areas	Acres	*0*	*0*	*9*	*11*
Non-Residential Parcels					
Other Potential Non-Residential Parcels Affected[7,9]	Number of Parcels	0	0	0	0
Community Cohesion Effects - Existing/Planned Neighborhoods Affected	Low/Medium/High	Low	Low	Medium	Medium
Private Facilities - Airstrip	Number of Conflicts	0	0	1	1
Agricultural Lands	Acres	40	40	58	58
Preliminary Estimated Cost					
Total Construction Cost	Currency (in millions)	$558	$560	$450	$453
Preliminary Right-of-Way Cost	Currency (in millions)	$25	$15	$40	$45
Estimated Total Project Cost	Currency (in millions)	$583	$575	$490	$498

Notes:
7. Includes partially impacted parcels
8. Includes vacant parcels/common areas within existing residential communities.
9. Does not include agricultural lands or Lake X Ranch (both shown in other rows).
10. Includes planned developments under construction.

Lake X Area Recommended Alternative G Option



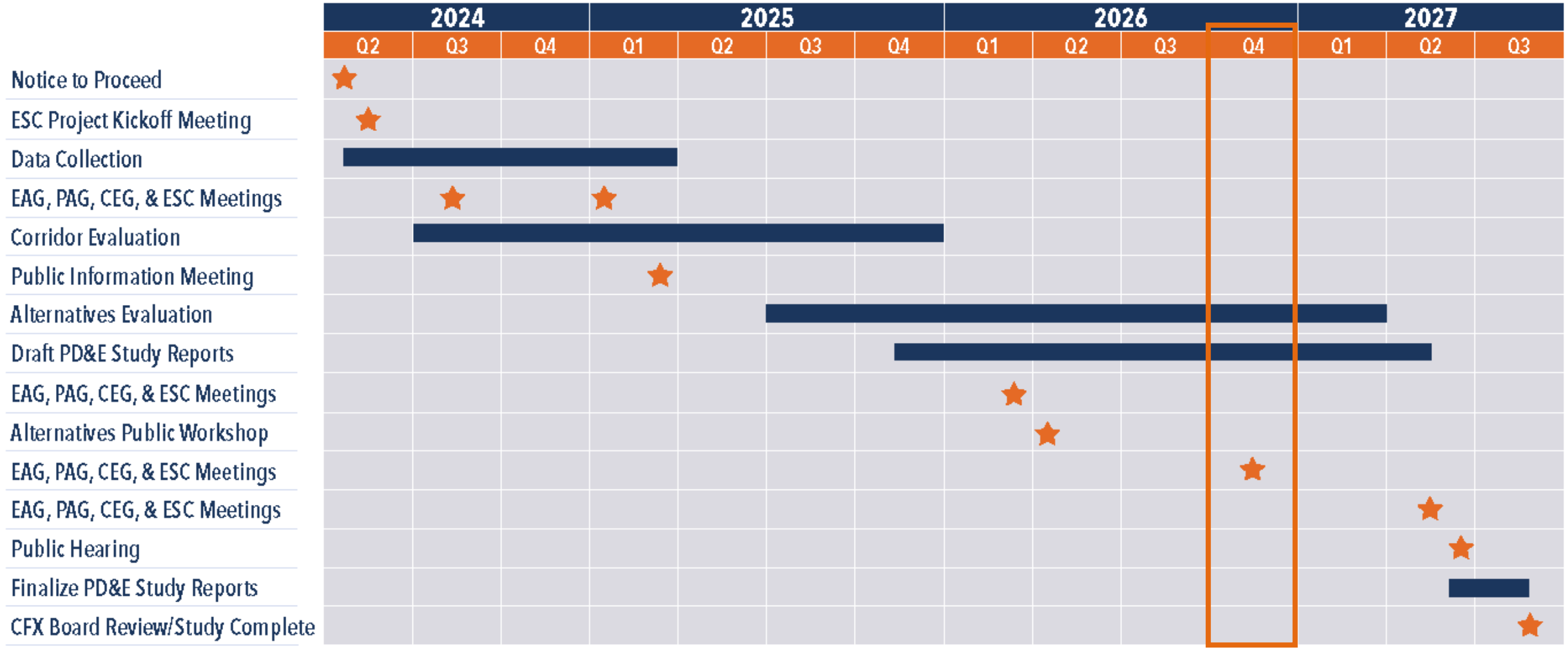
CENTRAL FLORIDA EXPRESSWAY AUTHORITY



Open Discussion

PD&E Schedule

(Subject to Change)



Project Contact

For more information contact:

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Jeanette.Maldonado@cfxway.com

CFX web address:
www.CFXway.com
Shortened study web address:
https://bit.ly/sr515_pde

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Thank You