



Northeast Connector Expressway – Phase 1 Project Development and Environment (PD&E) Study

Public Information Workshop

— March 10, 2021 —

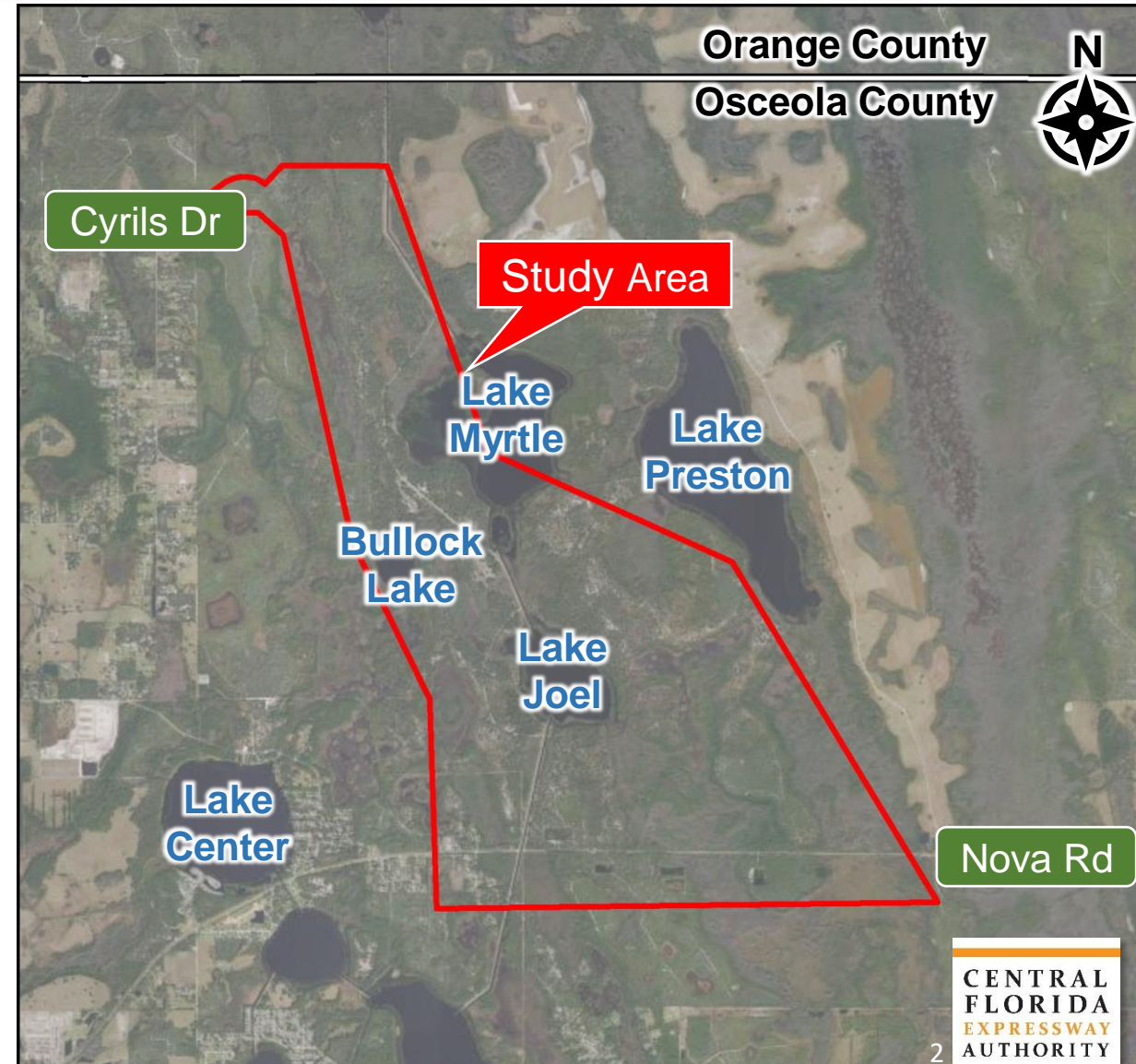
Will Hawthorne, PE, CFX

Kathy Putnam, Quest Corporation of America

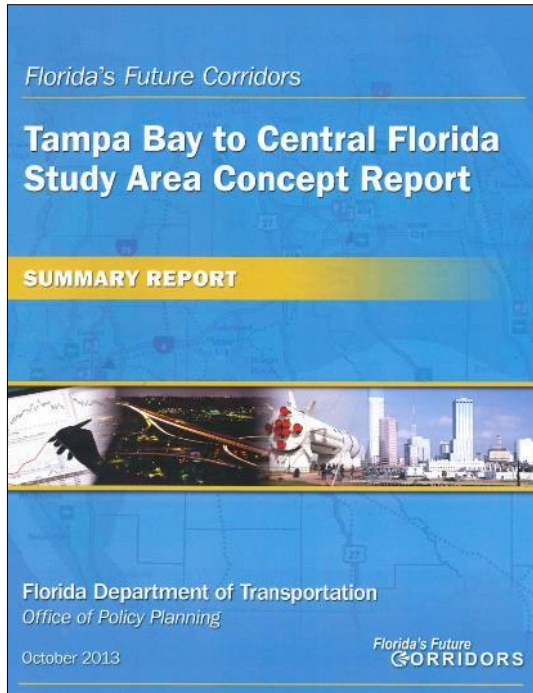
Dan Kristoff, PE, RS&H

Study Area

- Cyrils Drive to Nova Road
 - 4.40 miles
- Tolled expressway with multi-modal opportunities
- Segment of a future connection linking SR 417 to I-95



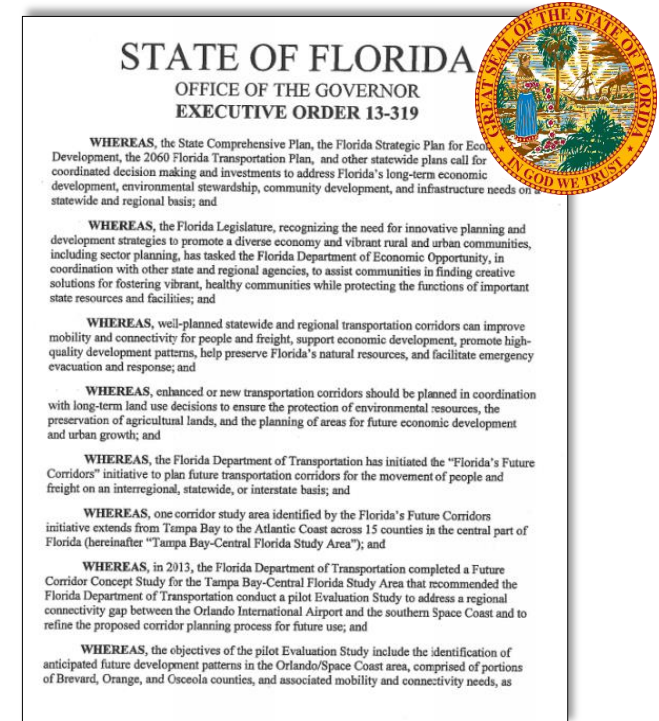
Project History



October 2013

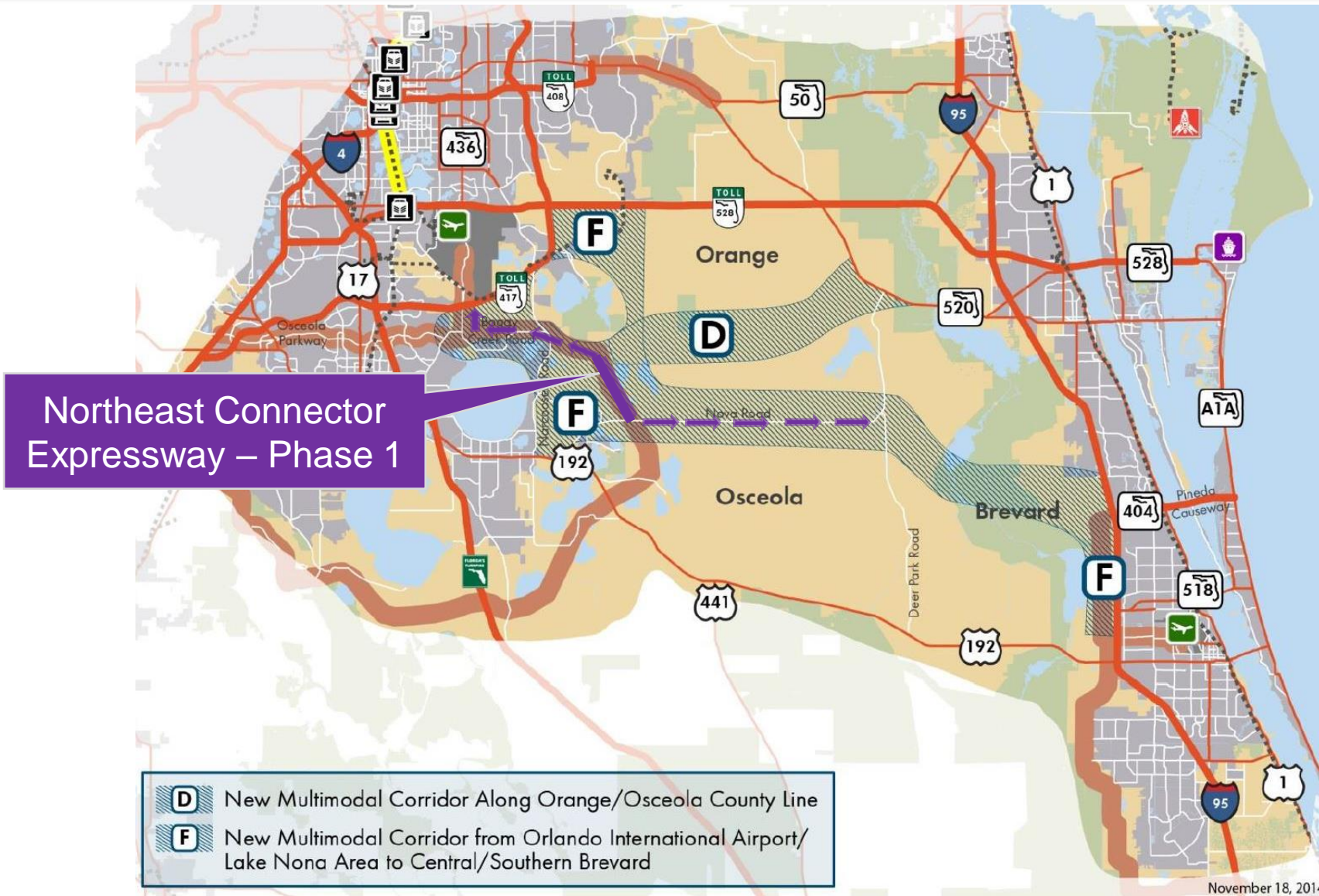


RECOMMENDATION
*"Convene collaborative process" for
Brevard, Osceola, and Orange Counties*



November 2013

East Central Florida Corridor Task Force



East Central Florida Corridor Task Force

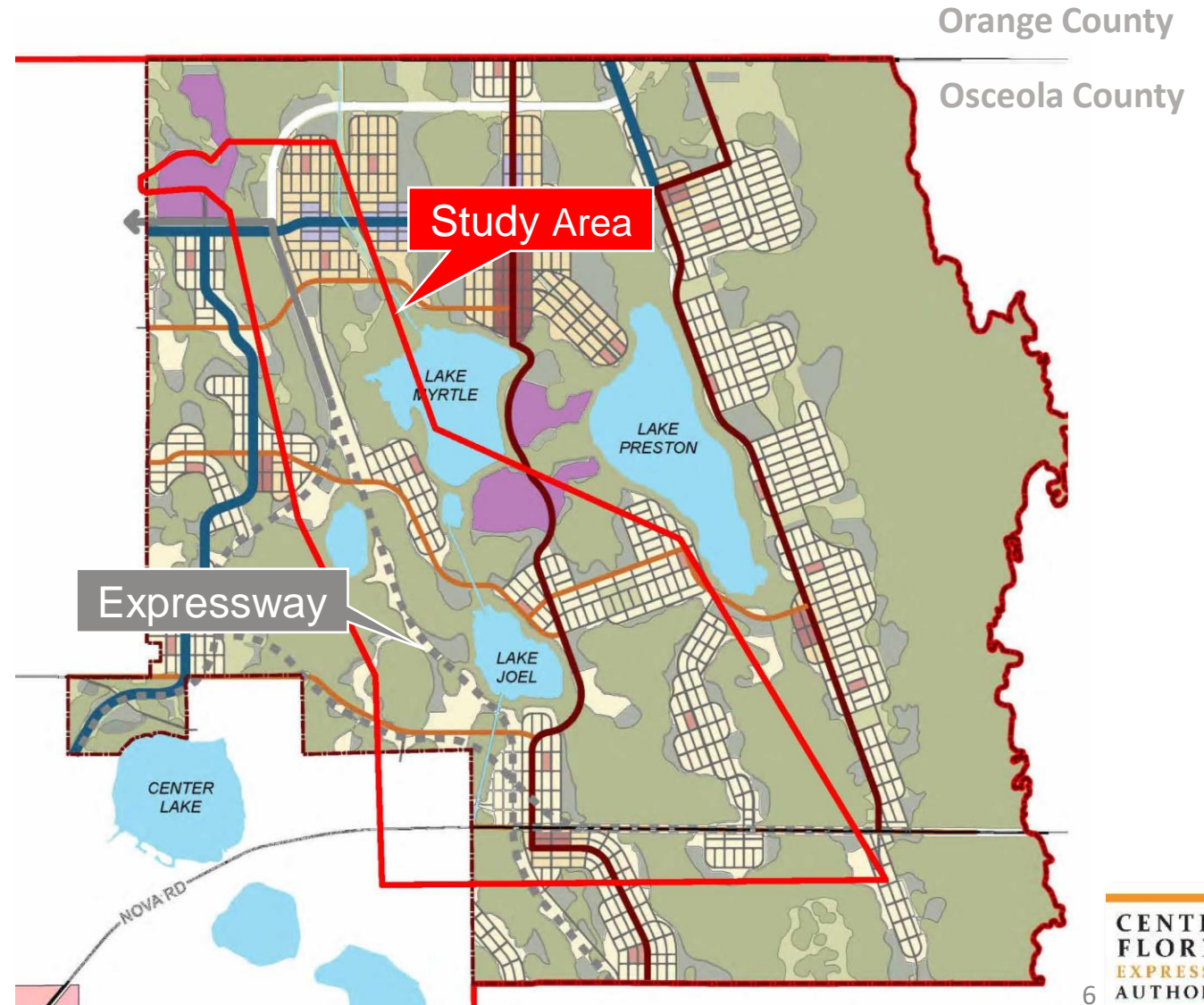


Final Report: Page 6

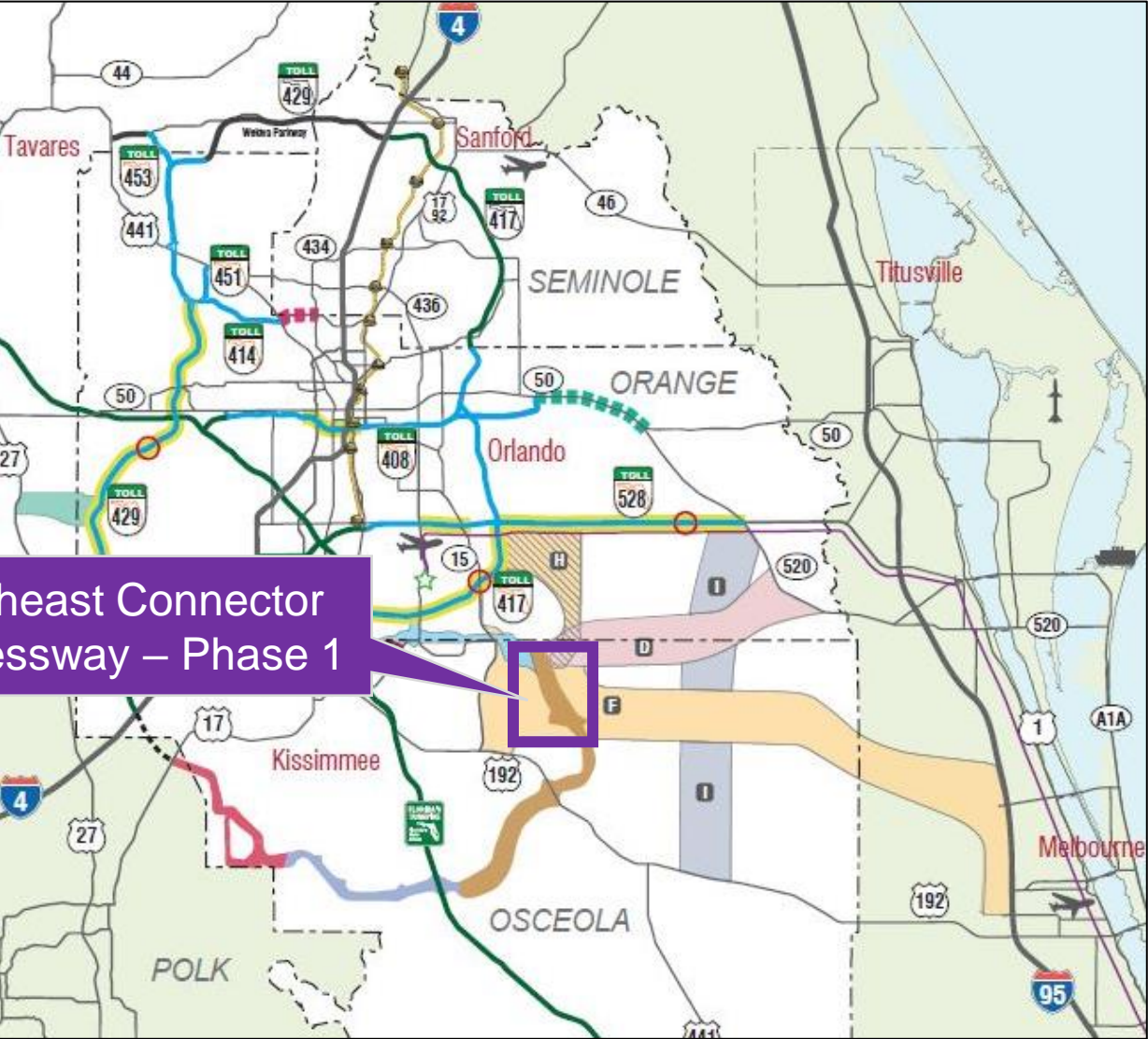
4. **Conduct one or more Evaluation Studies of potential new north-south corridors in eastern Orange and Osceola counties.** The proposed study or studies should consider continuation of the project development process for the Northeast Connector Expressway and extension of this expressway from its planned terminus at the Osceola Parkway Extension to the State Road 528 corridor, including potential multimodal improvements (Alternative H, Figure ES.3); and a new multimodal corridor serving planned population centers on the North Ranch and connecting to existing east-west corridors including U.S. 192, Nova Road, State Road 520, State Road 528, and State Road 50/408 (Alternative I, Figure ES.3).

Northeast District Master Plan

- Adopted in 2010
- Includes:
 - Osceola Parkway Extension
 - Northeast Connector
 - Expressway Connection along Nova Road



CFX 2040 Master Plan



Northeast Connector Expressway – Phase 1

LEGEND

- Existing CFX System
- Wekiva Parkway (CFX)
- Wekiva Parkway (FDOT)
- Existing Florida's Turnpike System
- Existing Osceola Parkway
- Potential SR 408 Eastern Extension
- Potential Lake/Orange Connector
- Potential SR 414 Direct Connector

East Central Florida Corridor Task Force Recommendations

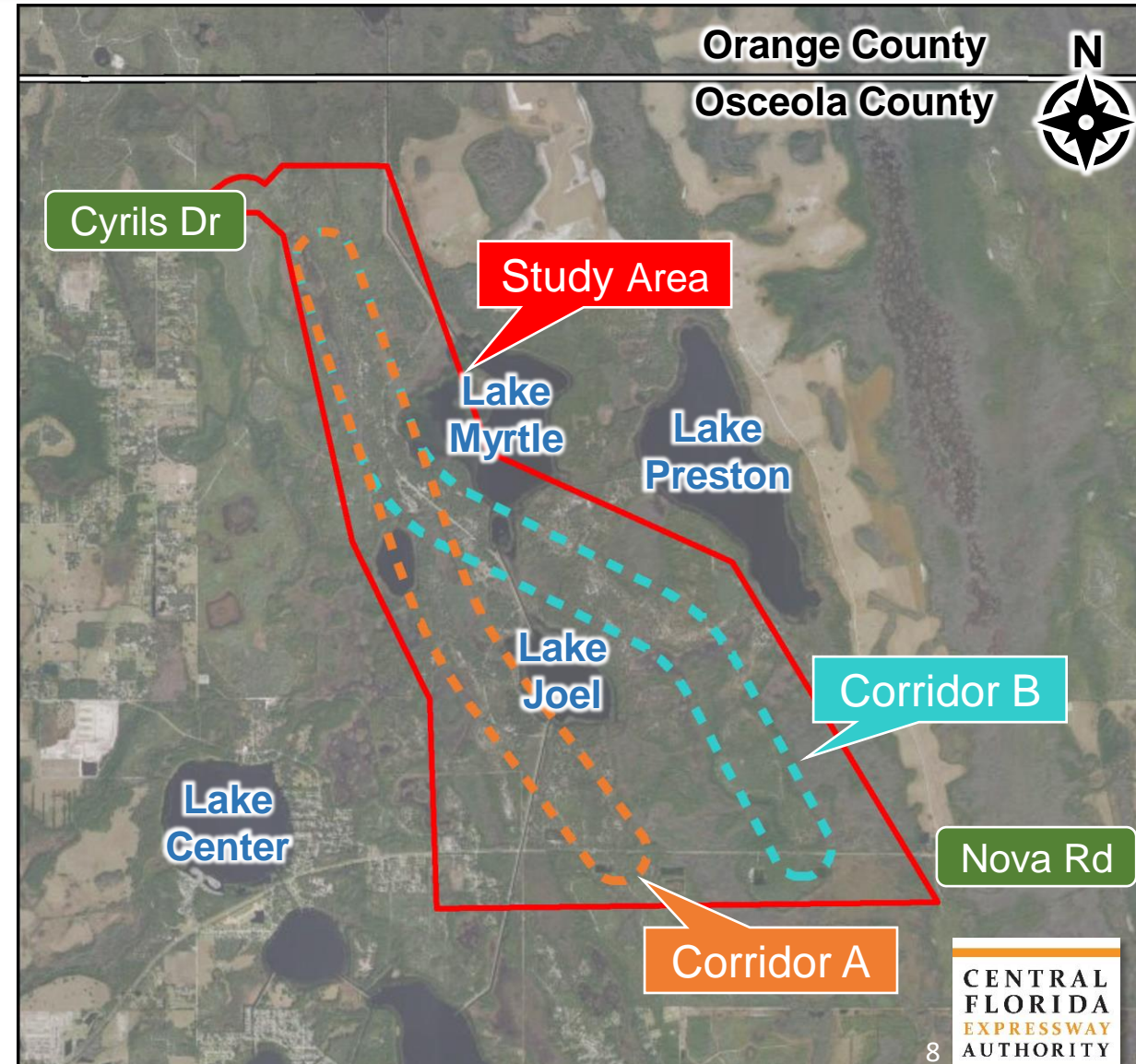
Corridor D	D
Corridor F	F
Corridor H	H
Corridor I	I

OCX Master Plan

- Northwest Connector Expressway
- Osceola Parkway Extension
- Poinciana Parkway
- Southport Connector Expressway
- I-4 Connector (Osceola)

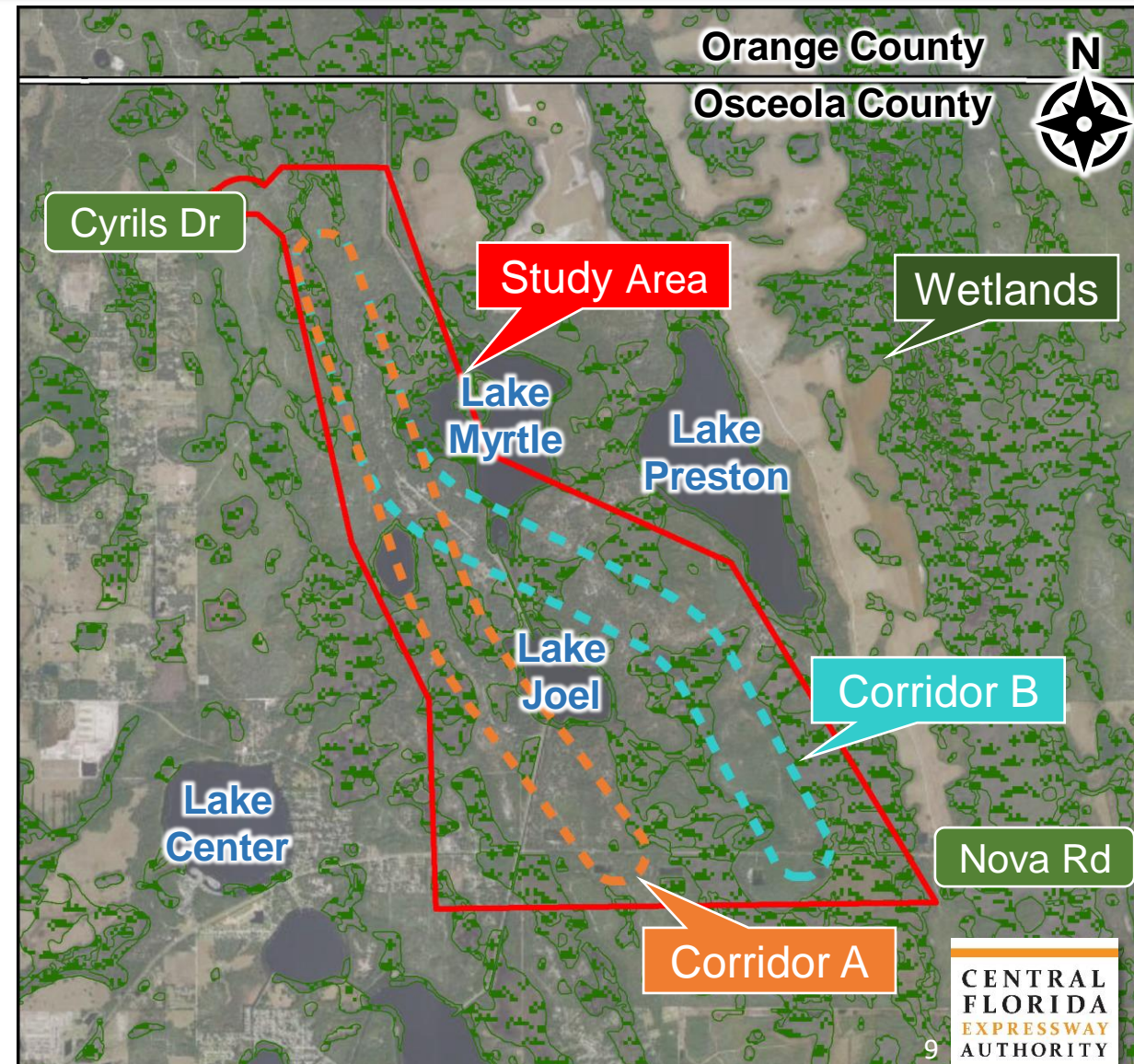
Initial Corridors

- Corridor A
 - Follows Northeast District Conceptual Master Plan alignment
- Corridor B
 - Ends further east towards potential extension to I-95
 - Attempts to minimize wetlands in the corridor



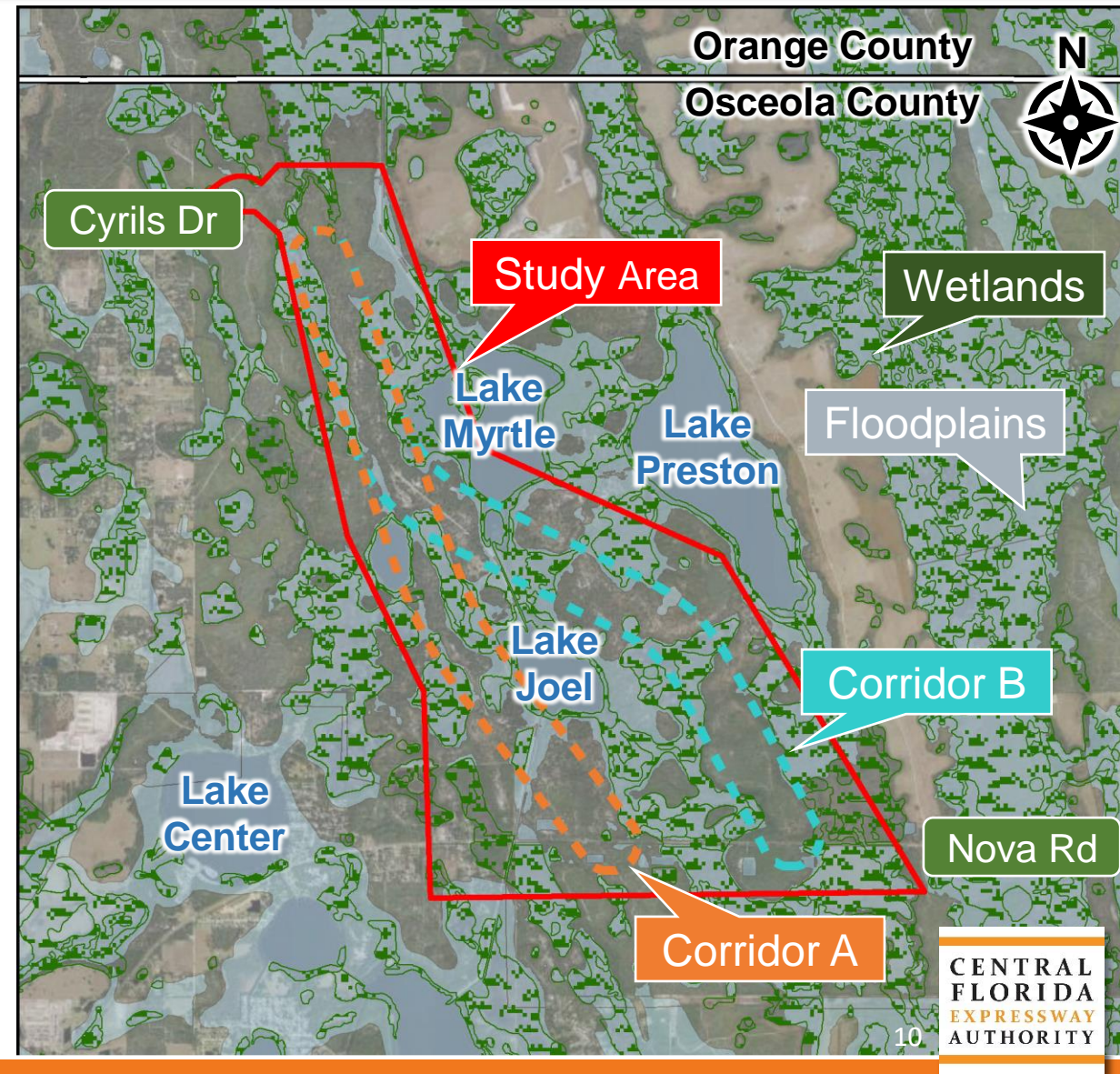
Environmental Constraints

- Wetlands
 - Corridor A: 329.5 acres
 - Corridor B: 379.6 acres



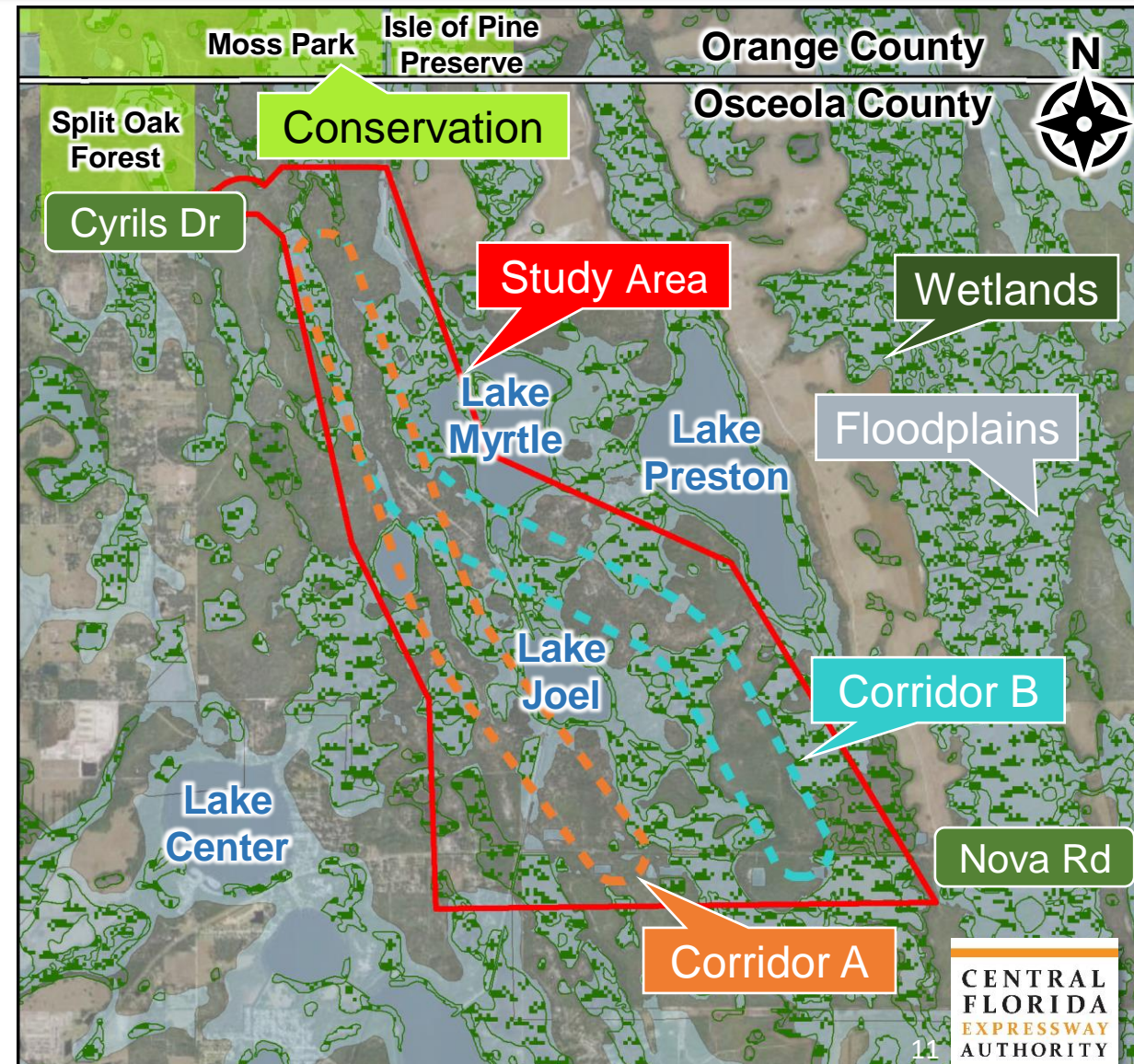
Environmental Constraints

- 100-year Floodplains
 - Corridor A: 49.6 acres
 - Corridor B: 47.2 acres



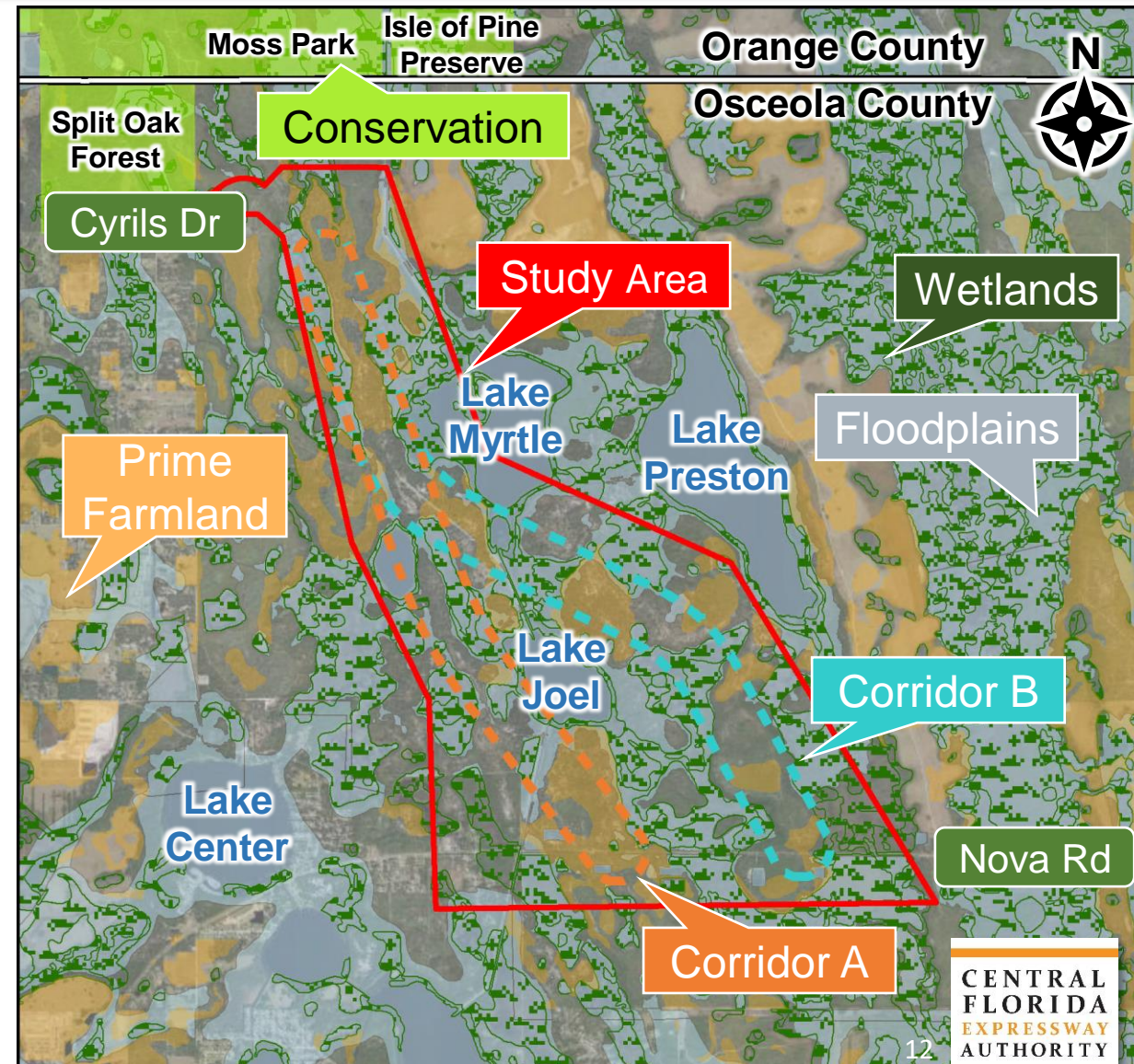
Environmental Constraints

- Conservation
 - None in the Study Area
 - Moss Park, Isle of Pine Preserve and Split Oak Forest are shown on the map



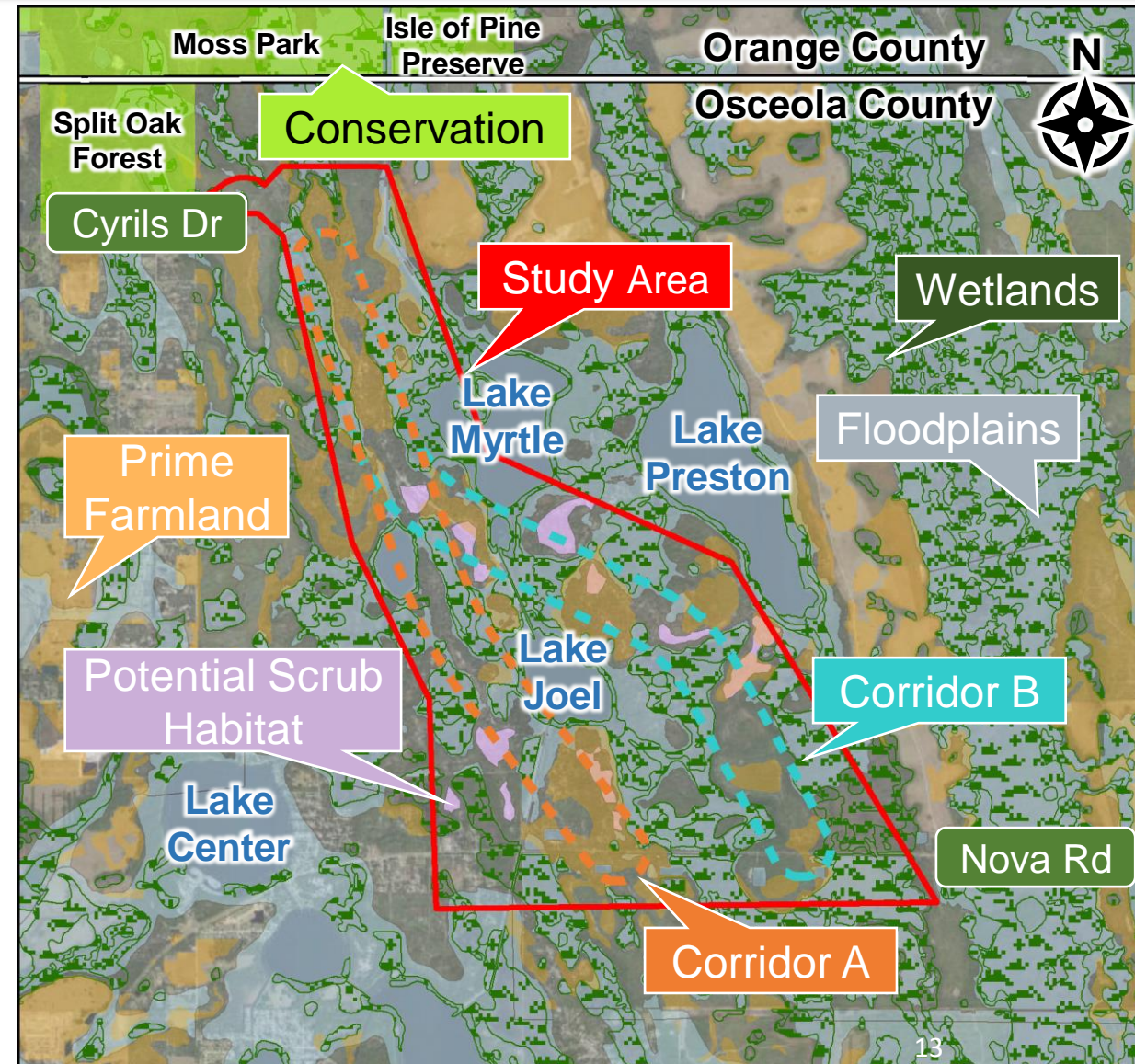
Environmental Constraints

- Prime Natural Resources Conservation Service (NRCS) Farmland
 - Corridor A: 315 acres
 - Corridor B: 390 acres



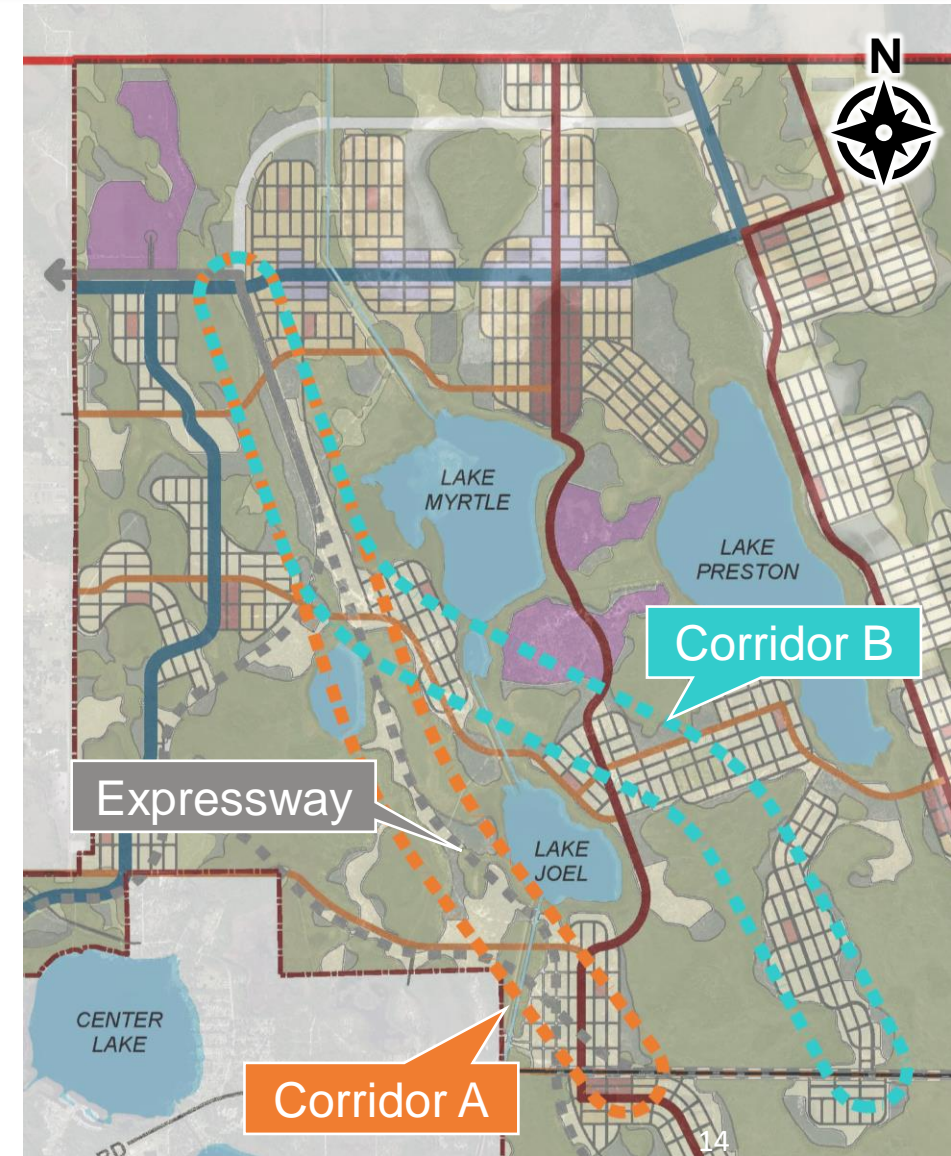
Environmental Constraints

- Potential Scrub Habitat
 - Corridor A: 37.4 acres
 - Corridor B: 87.1 acres



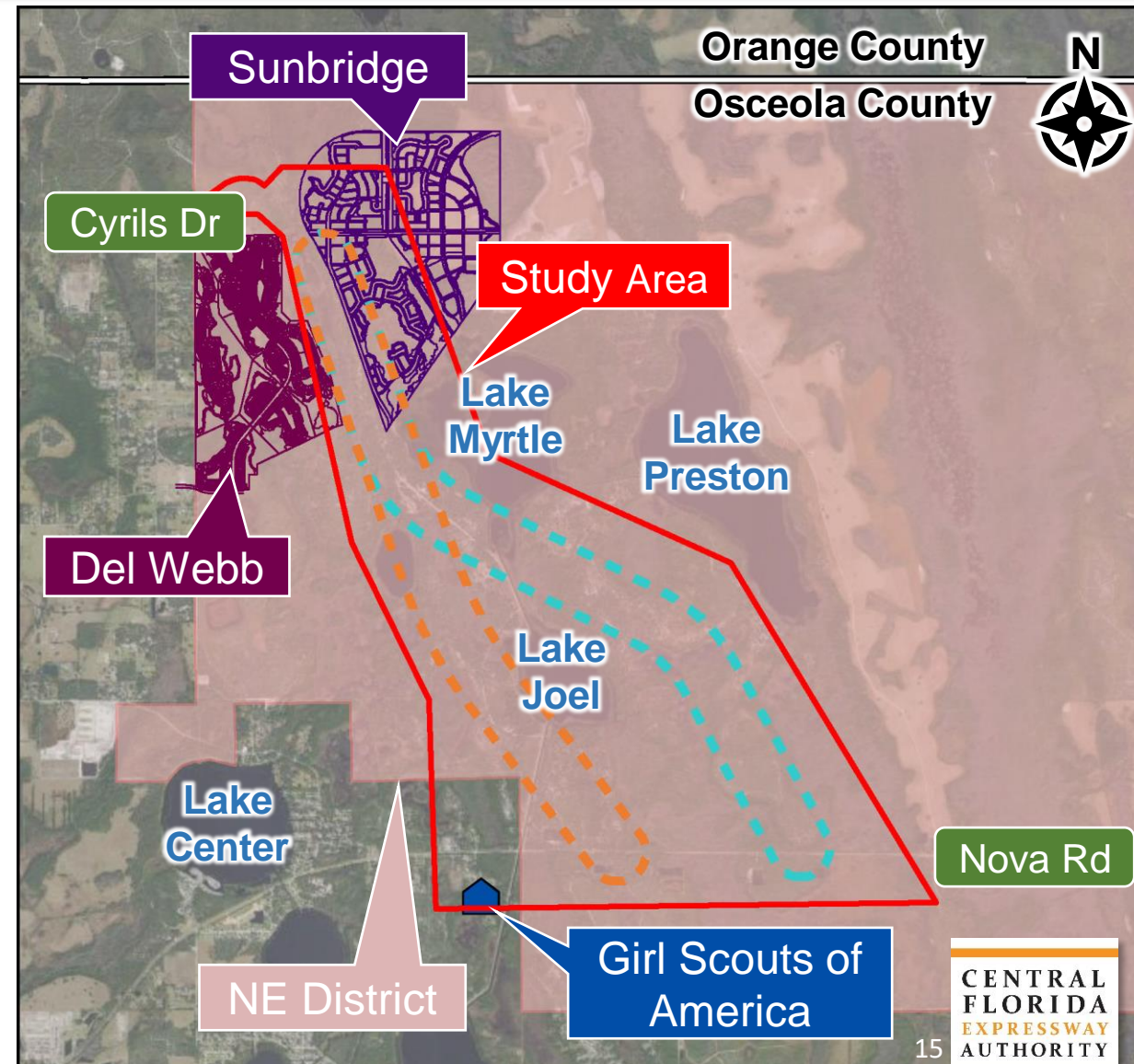
Social Constraints

- Corridor A is consistent with Northeast District Conceptual Master Plan
- Northeast District
 - 29,320 residential dwellings units
 - 8,540,000 square feet of commercial/office/industrial
 - 1,995,000 square feet of institutional/civic
 - 5,000 hotel rooms



Social Constraints

- Community Center
 - Girl Scouts of America – St. Cloud
- Del Webb at Sunbridge
 - Under construction
 - 1,350 residential homes planned
- Sunbridge neighborhood
 - In planning/permitting phase



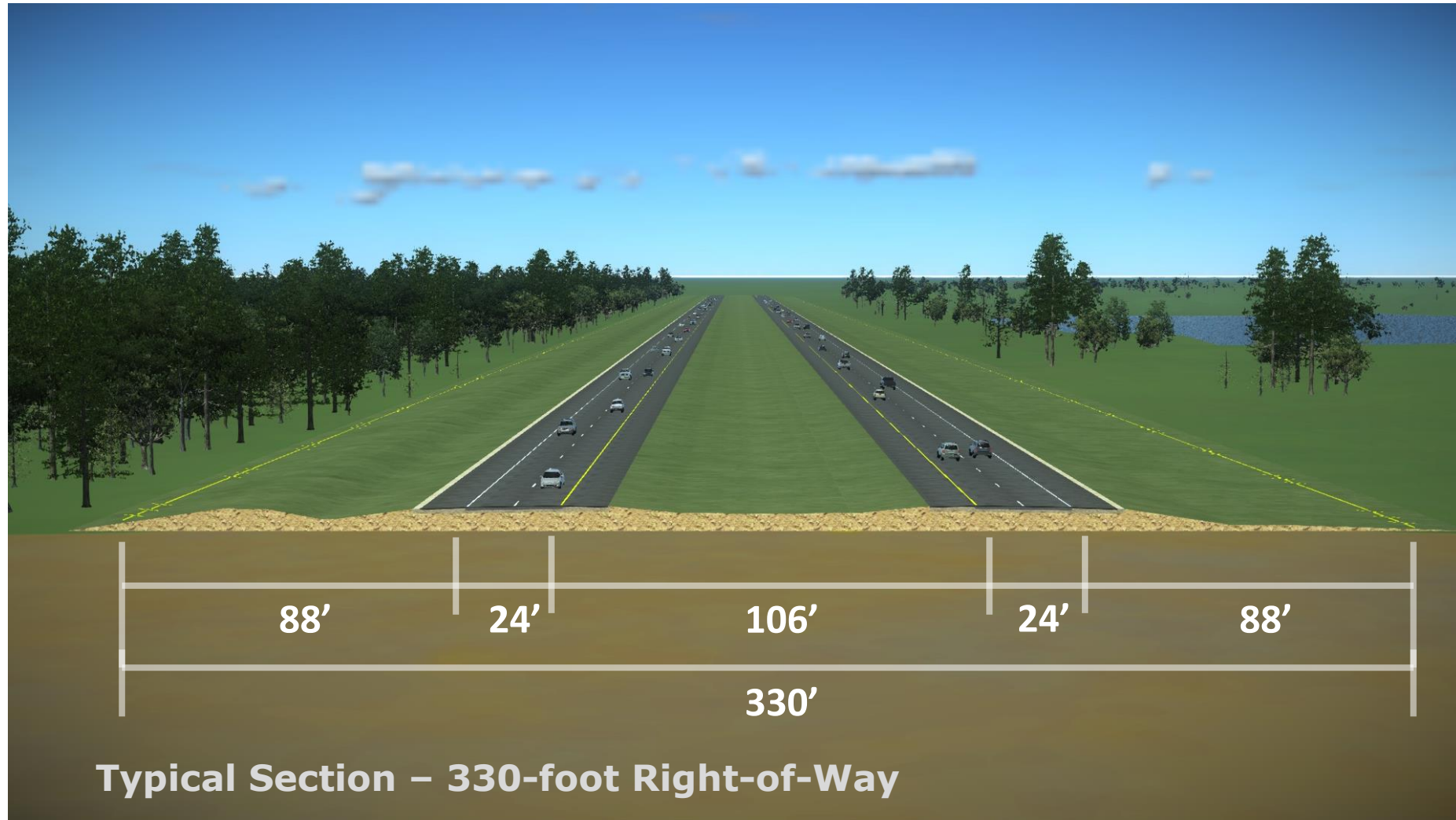
Evaluation Matrix

Criteria	Corridor A	Corridor B
Purpose and Need	Most Consistent	Somewhat Consistent
Stakeholder Input	Favored	Not Favored
Social		
Consistency with Northeast District Master Plan	Consistent	Not Consistent
Total Parcels in Corridor	12	14
Total Acreage in Corridor (acres)	1,113	1,315
Number of Buildings in the Corridor	0	0
Cultural		
Previous Cultural Resource Surveys	4	4
Recorded Archaeological Resources	1	1
Historic Parcels	0	0
Historic Linear Resources	1	1

Evaluation Matrix

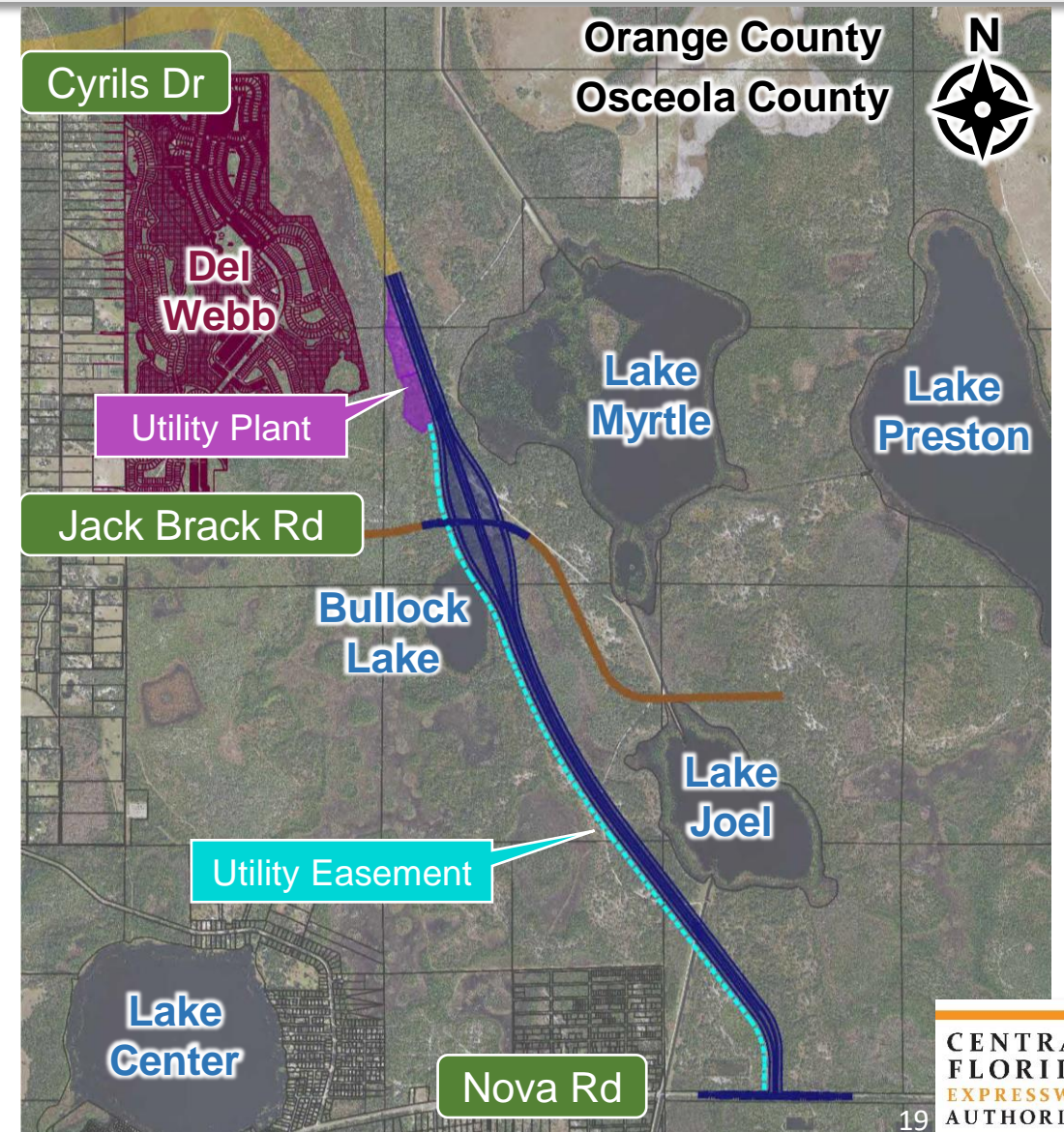
Criteria	Corridor A	Corridor B
Natural		
Total Wetlands (acres)	329.5	379.6
Surface Waters (acres)	44.9	18.1
Potential Scrub Habitat (acres)	37.4	87.1
100-Year Floodplain (acres)	49.6	47.2
Prime NRCS Farmland (acres)	315	390
Number of Canals Crossings	3	2
Physical		
Potential Contamination Sites	2	2
Engineering		
Length (miles)	4.3	5.1
Relative Project Cost	Lower	Higher
Organic Soils / Muck (acres)	245	266
Status	Carried Forward	Dropped

Typical Section

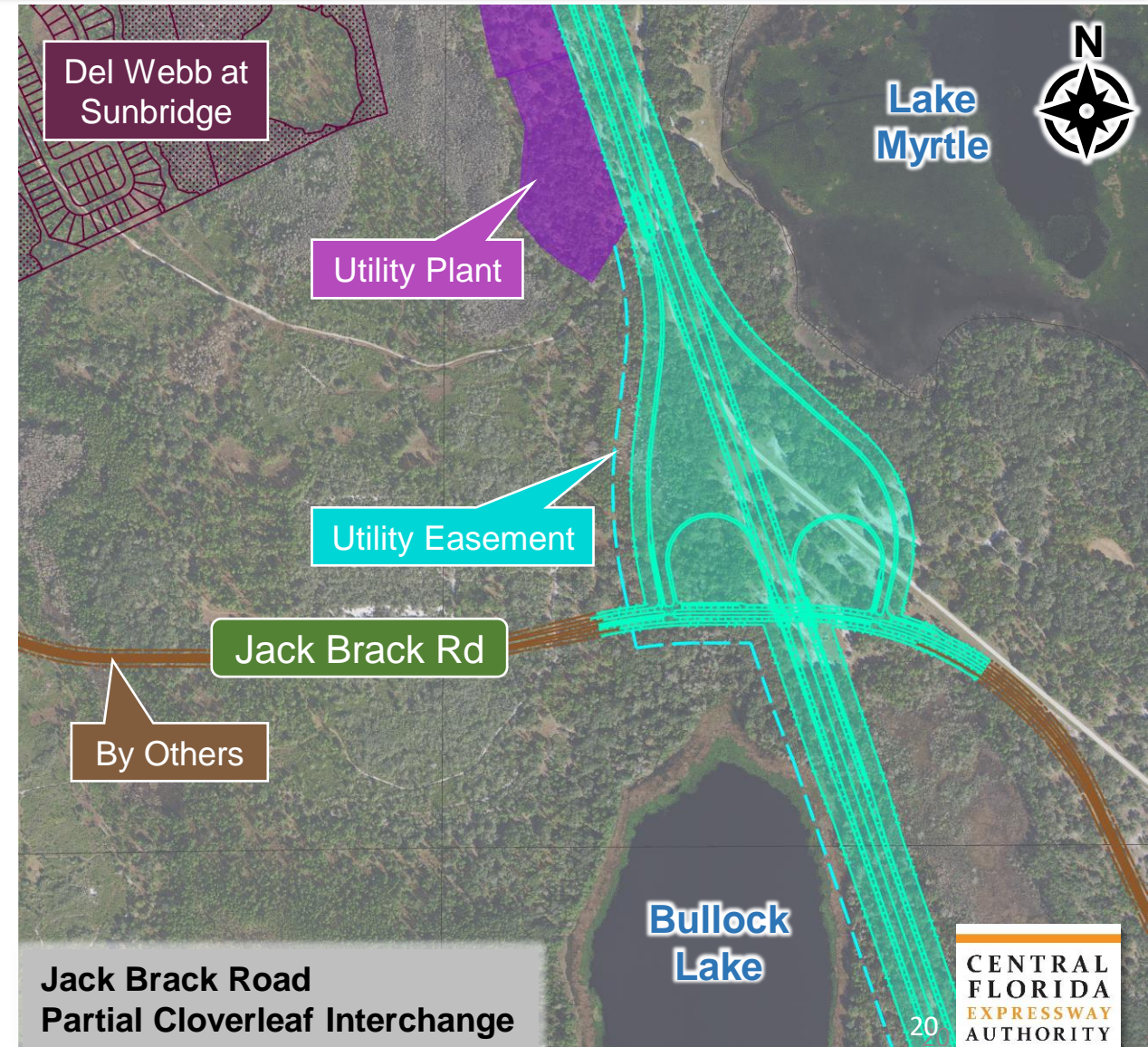
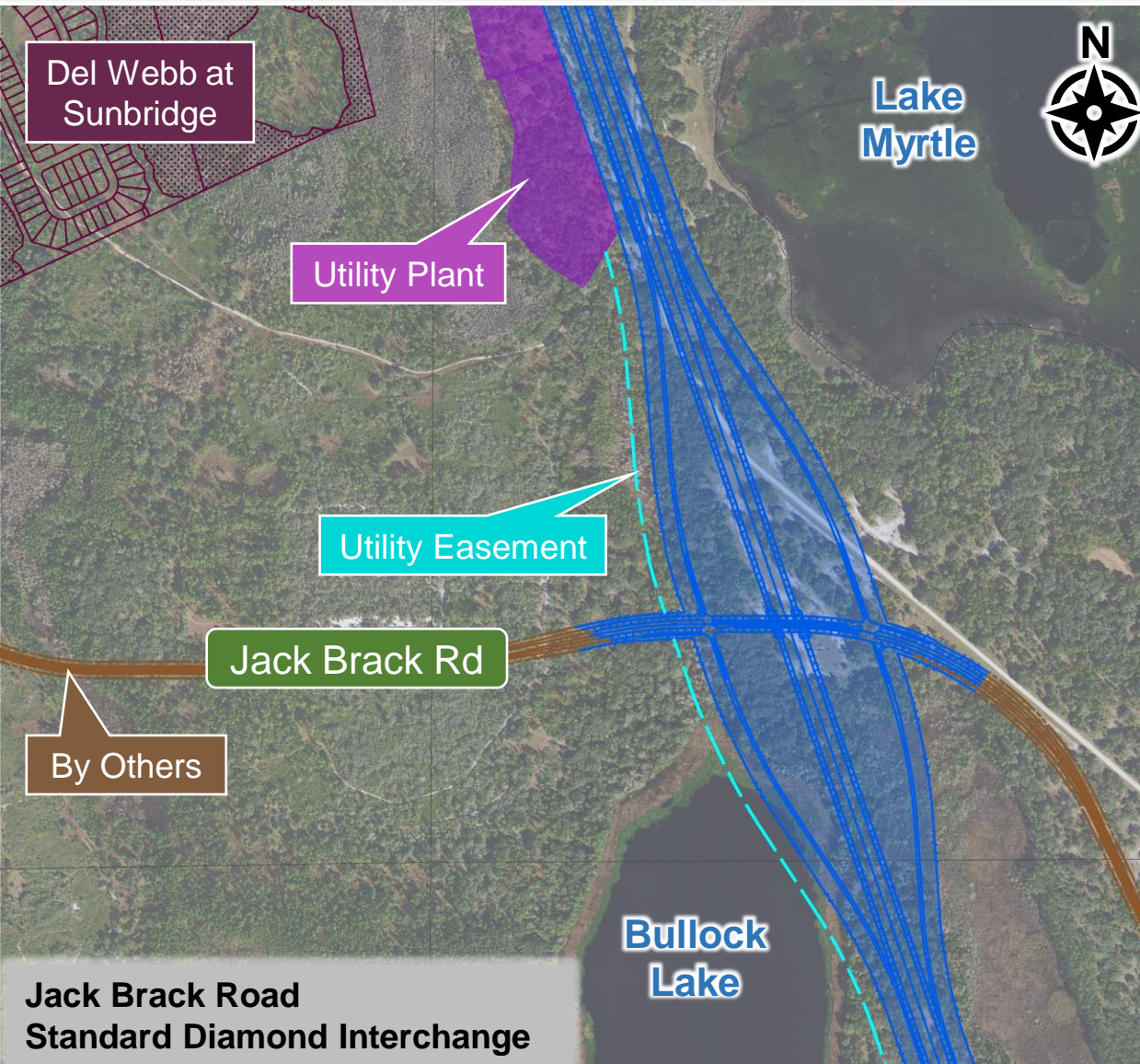


Alternatives Development

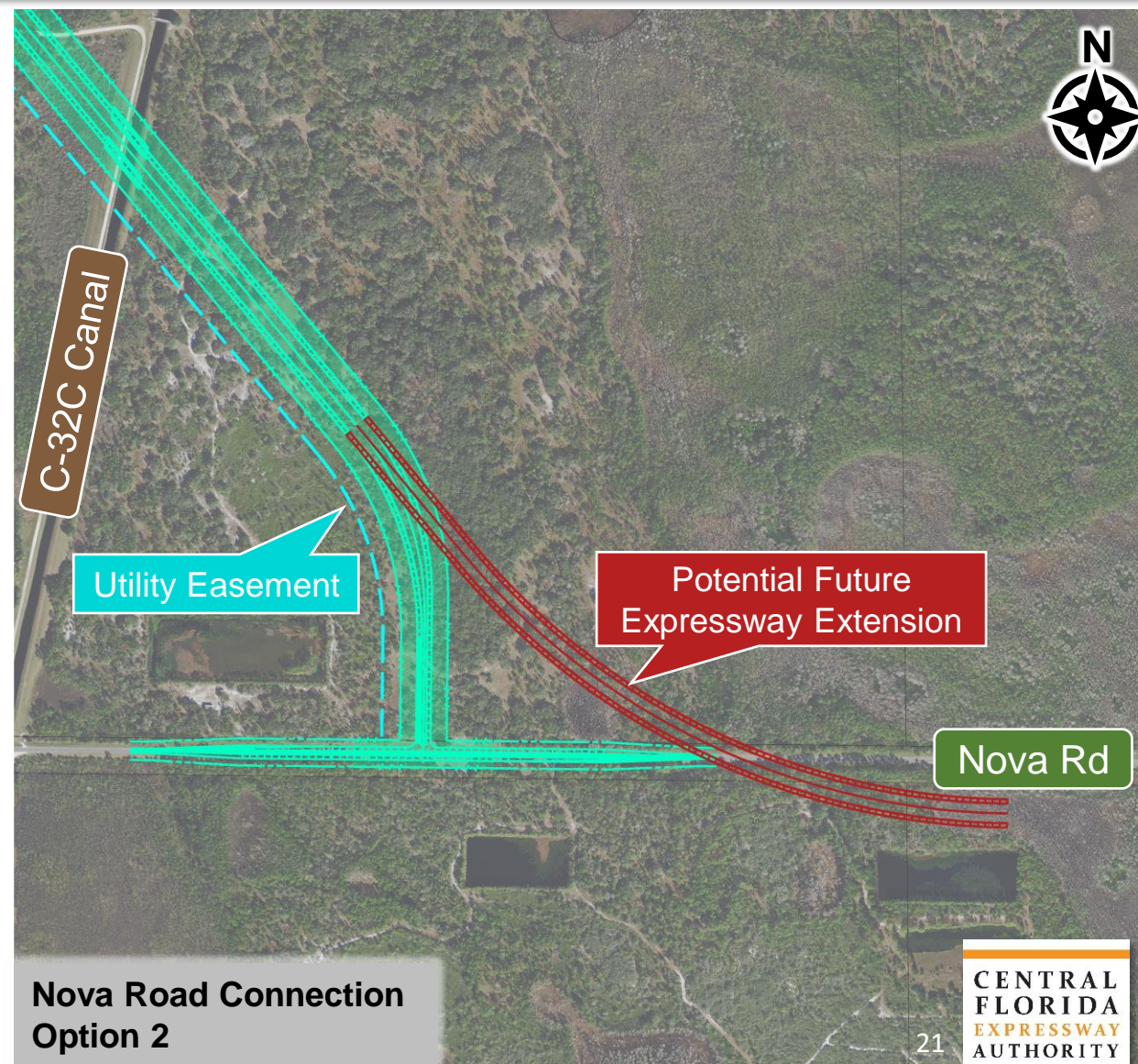
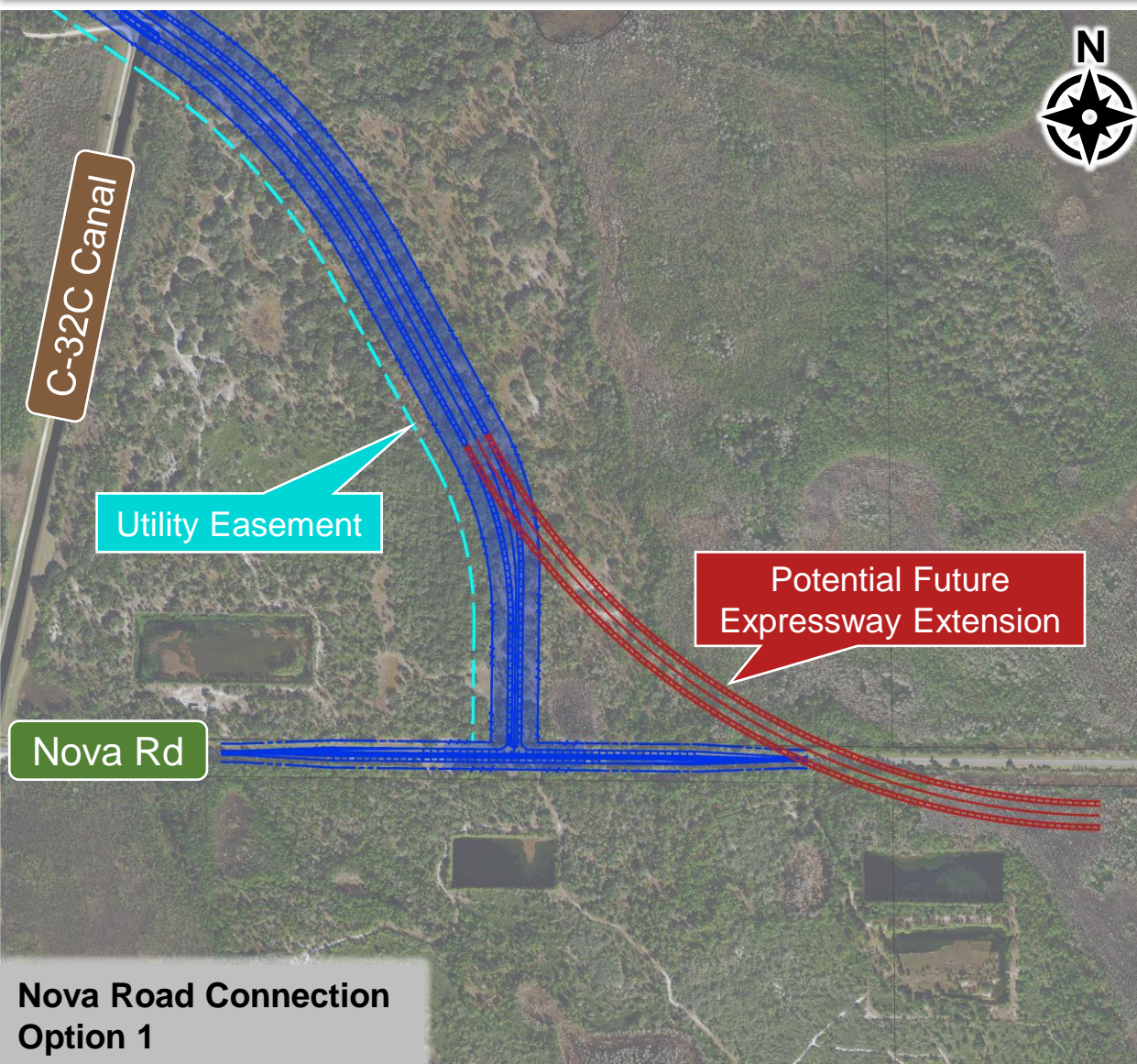
- Developing alignment alternatives within Corridor A.
- Utility easement will run along the western alignment.
- Multiple interchange configurations are being evaluated at:
 - Jack Brack Road
 - Nova Road



Jack Brack Road Interchanges

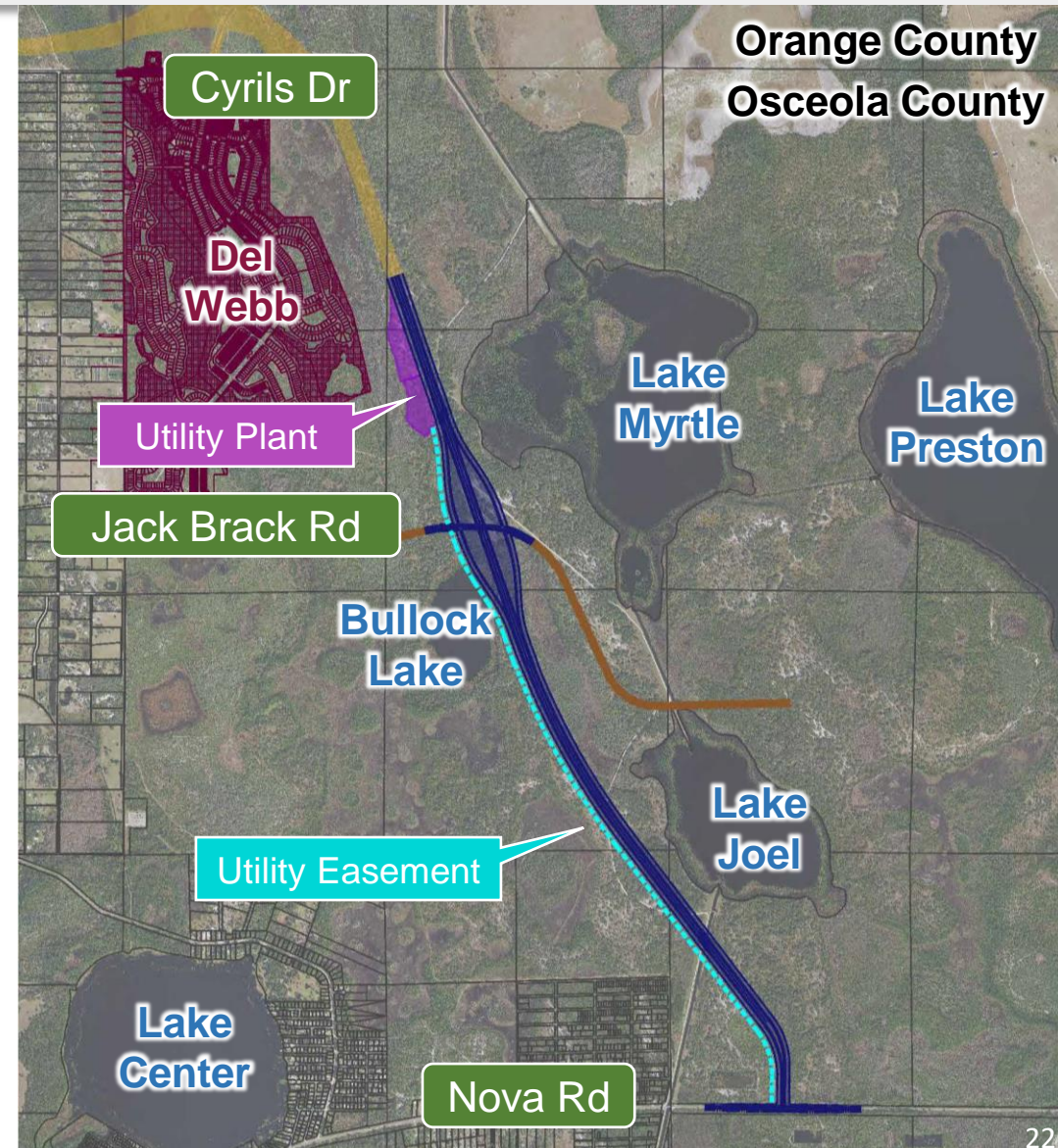


Nova Road Connection

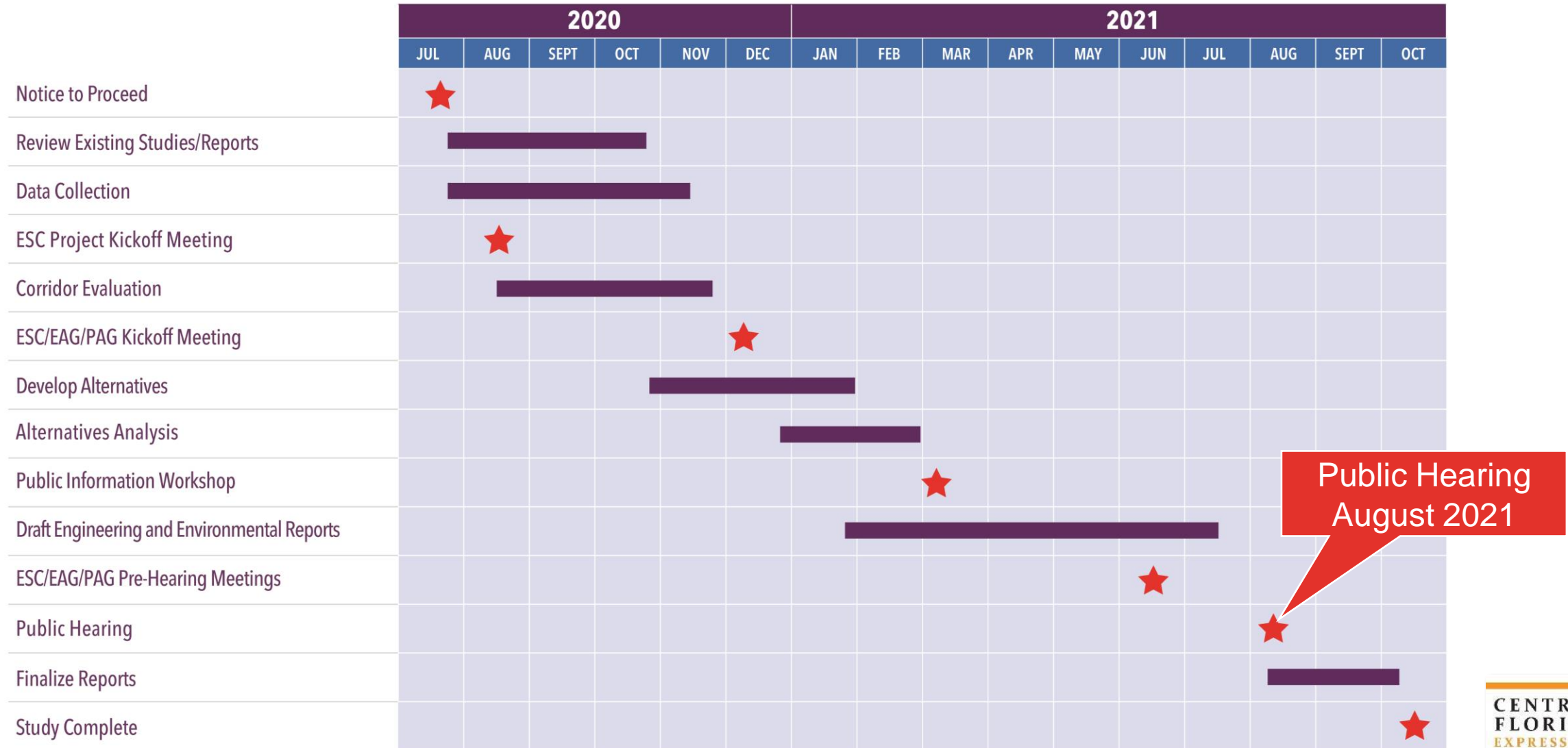


Field Review

- Study team is collecting data within the alignment footprint for:
 - Cultural
 - Contamination
 - Natural environment
- Pond sites will be developed once a recommended alignment and interchanges are determined.



Study Schedule (Subject to Change)





CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY

THANK YOU!