

WELCOME

Alternative Concepts Public Workshop

June 8, 2023

5:30 p.m. to 7:30 p.m.



MEMORANDUM OF UNDERSTANDING

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by Lake County pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated May 26, 2022 as executed by the Federal Highway Administration and the Florida Department of Transportation.

TITLE VI

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons wishing to express their concerns relative to Lake County compliance with Title VI may do so by contacting:

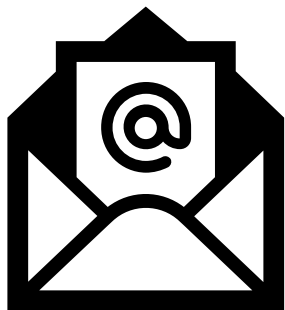
Sharon Lewis

Lake County Title VI/Nondiscrimination and ADA Coordinator
352-253-9050

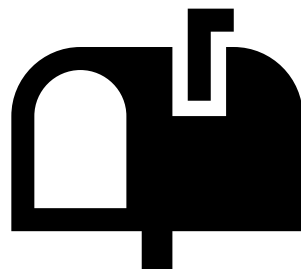
Sharon.Lewis@lakecountyfl.gov

All inquiries or complaints will be handled according to Lake County procedures and in a prompt and courteous manner.

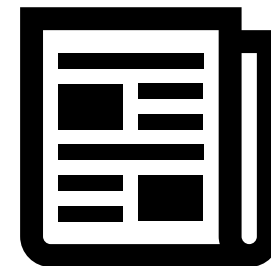
WORKSHOP NOTICES



**Emails to Elected Officials,
Agencies, & Stakeholders**



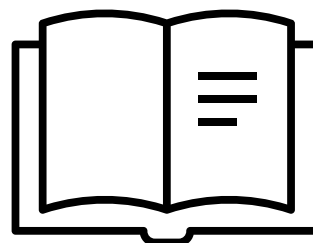
Property Owner Letters



Newspaper Ad



Hand Delivery



Florida Administrative Register

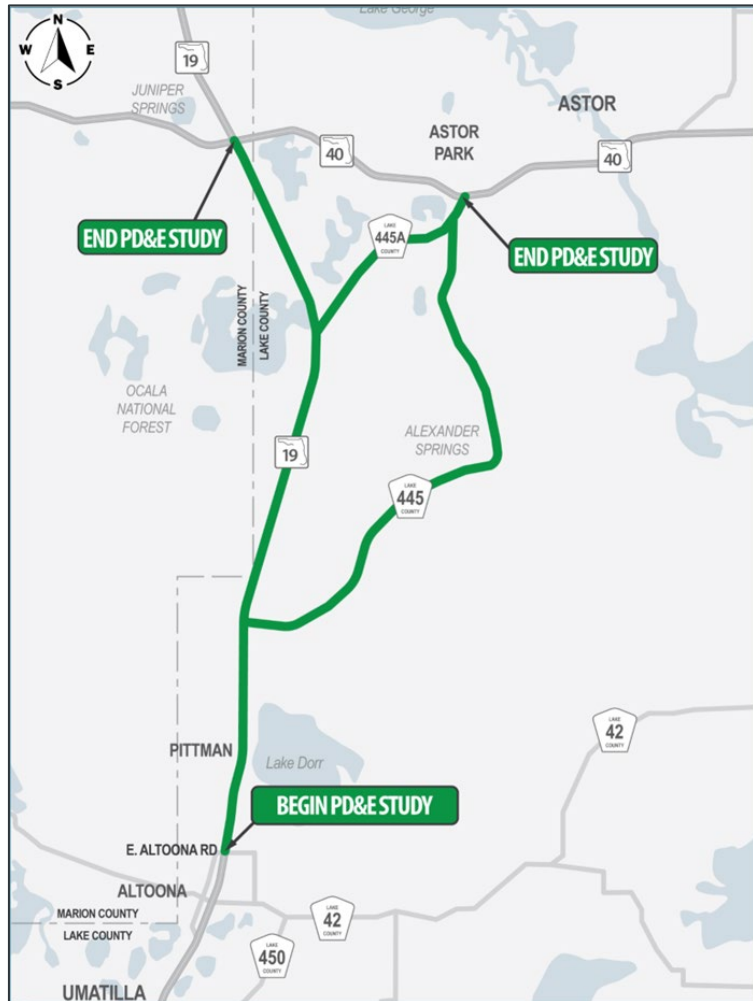


Study Website
www.NorthLakeTrail.com

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

DESCRIPTION



PROJECT LOCATION

Limits

- Begins: E. Altoona Road
- Ends: State Road 40

Rural Communities

- Altoona
- Pittman
- Astor Park

Features

- Part of River to Hills Regional Trail
- Included on Florida Office of Greenways and Trails Priority Map
- Ocala National Forest

DESCRIPTION



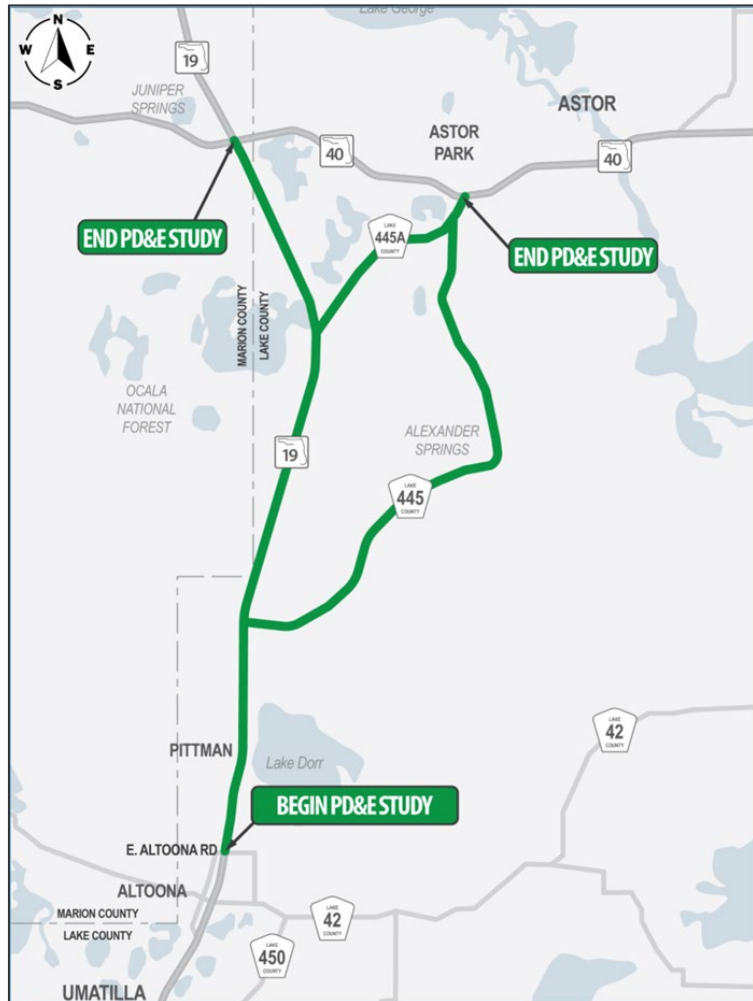
Ocala National Forest

- Established in 1908
- Current size: 386,000 acres
- Alexander Springs is 1 of 27 first-magnitude springs within Florida
- Logging is one of the revenue-generating operations
- Regular control burns
- Trail will be approved “by permit”

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

PURPOSE AND NEED



PROJECT LOCATION

PURPOSE

Provide a safe, comfortable, and accessible paved facility for:

- Bicyclists and pedestrians
- Other non-motorized users
- Completes gaps in regional trail network

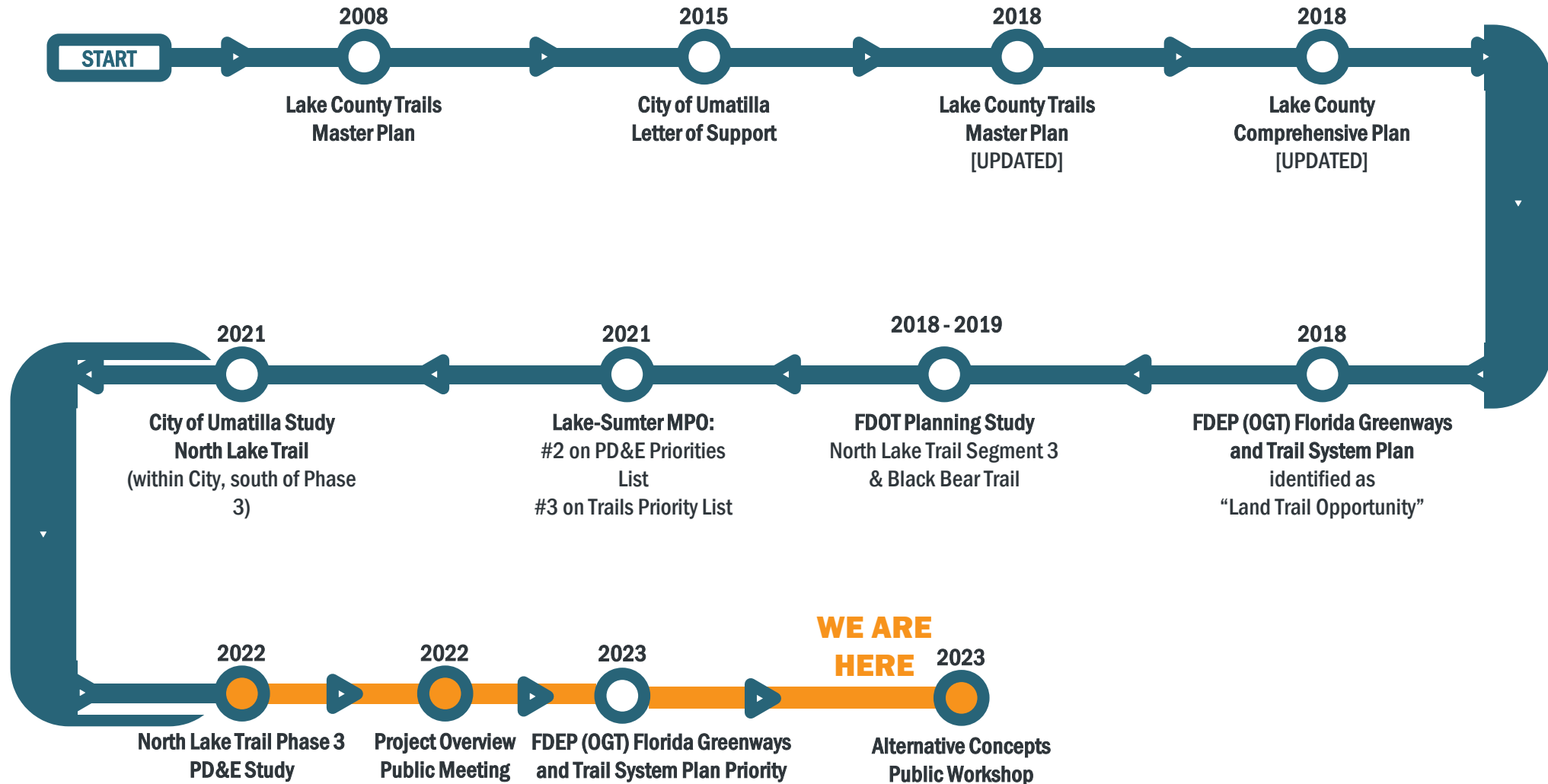
NEED

- Gaps in the regional trail network
- Lack of safe, comfortable and accessible pedestrian bicycle facilities

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

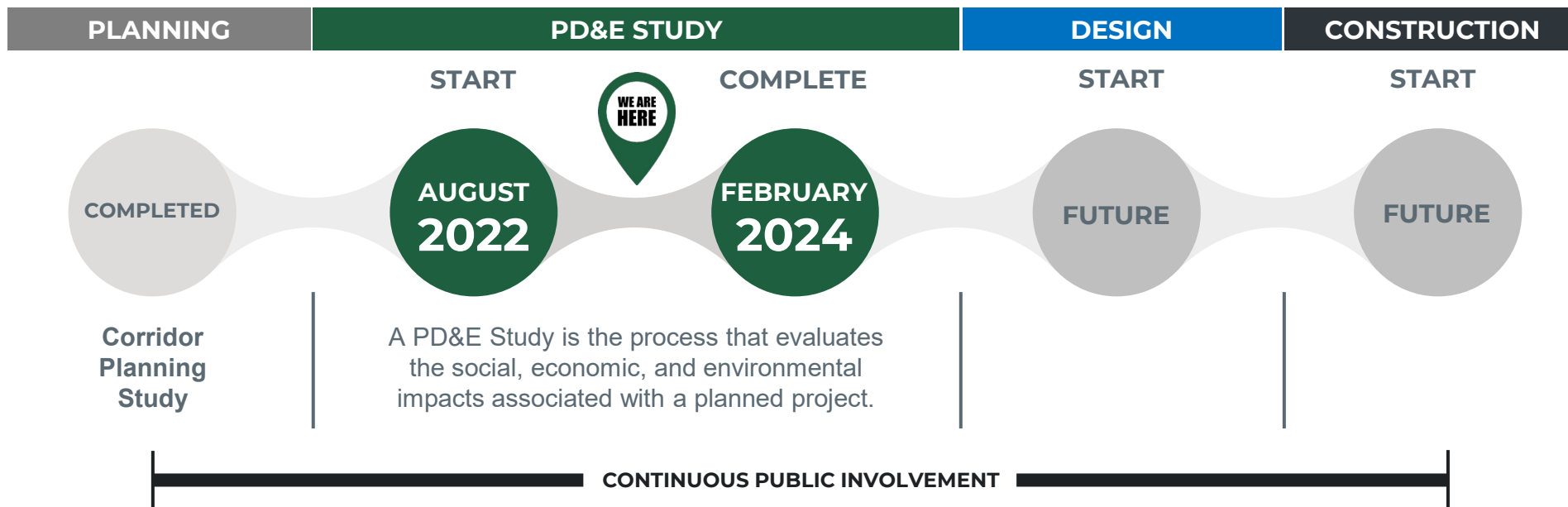
HISTORY OF SUPPORT



NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

PROJECT DEVELOPMENT PROCESS



PROJECT OVERVIEW PUBLIC MEETING



- Held December 8, 2022
- 26 participants
- 28 written comments submitted
 - Project support (16)
 - Against the project (2)
 - Factors to consider as options are evaluated
 - Safety
 - Connections to: Alexander Springs, Paisley Woods Bike Trail, Florida Trail
 - Trail features – buffers, rider experience

STUDY ADVISORY GROUP (SAG)

Project Role

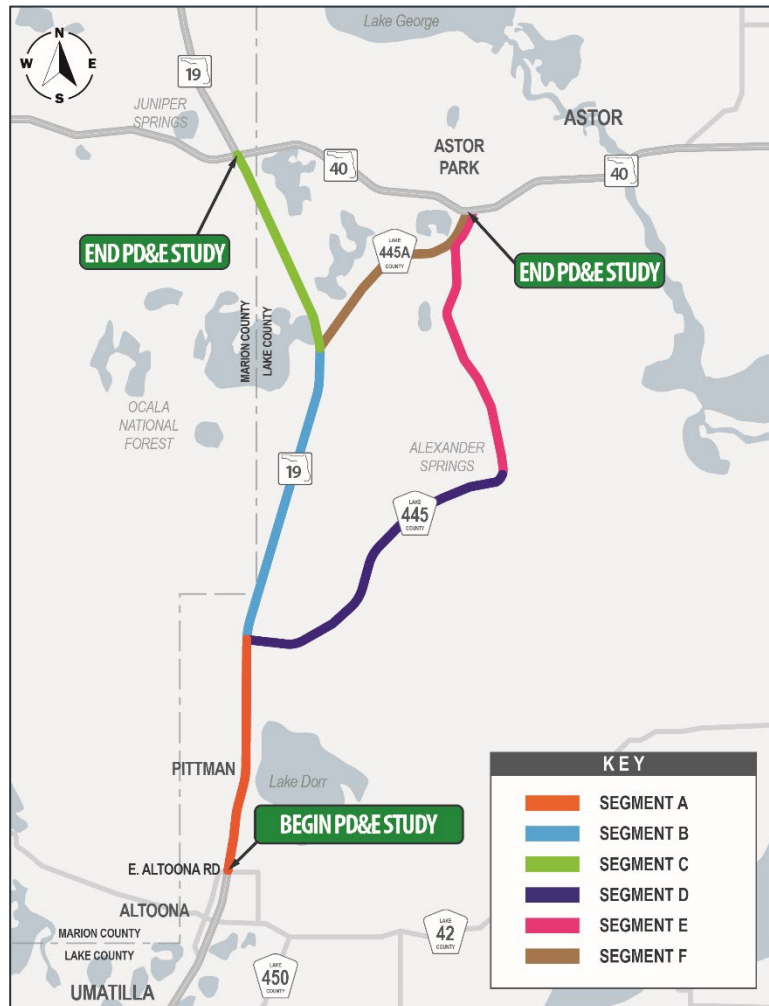
- Project advisors
- Diverse membership
- Review project information at key decision points and provide feedback
- Share updates with project team
- Involved throughout PD&E study



SAG Members

- Altoona School
- Astor Chamber of Commerce
- City of Umatilla
- East Central Florida RPC
- Florida Department of Transportation
- Friends of Lake County Trails
- Lake County
- Lake County Public Schools
- Lake County Water Authority
- Lake-Sumter MPO
- Marion County
- Ocala-Marion TPO
- Umatilla Chamber of Commerce
- USDA – Forest Service (Ocala National Forest)

ALTERNATIVES ANALYSIS



PROJECT ALTERNATIVE SEGMENTS

Segments

Along SR 19

- Segments A, B, and C

Along CR 445

- Segments D and E

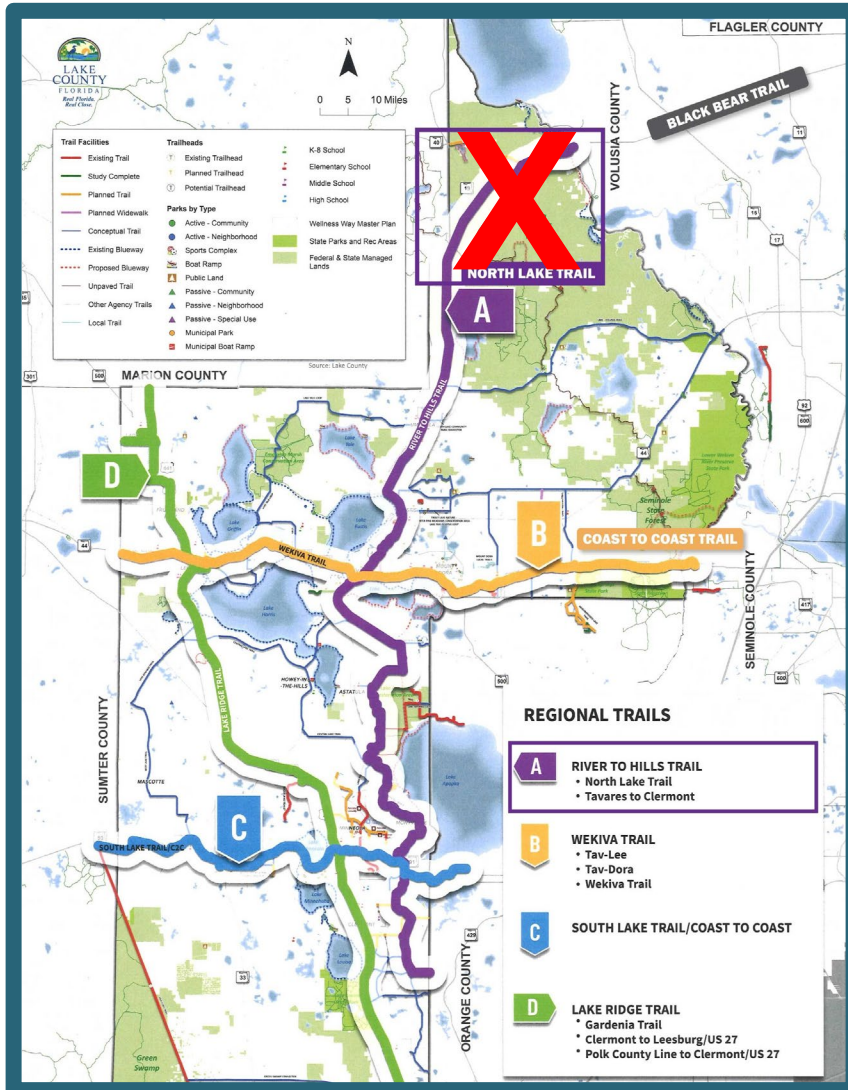
Along CR 445A

- Segments F

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

ALTERNATIVES ANALYSIS



NO BUILD ALTERNATIVE

River to Hills Trail gap not completed

Benefits

- Baseline for comparing to Build Alternatives

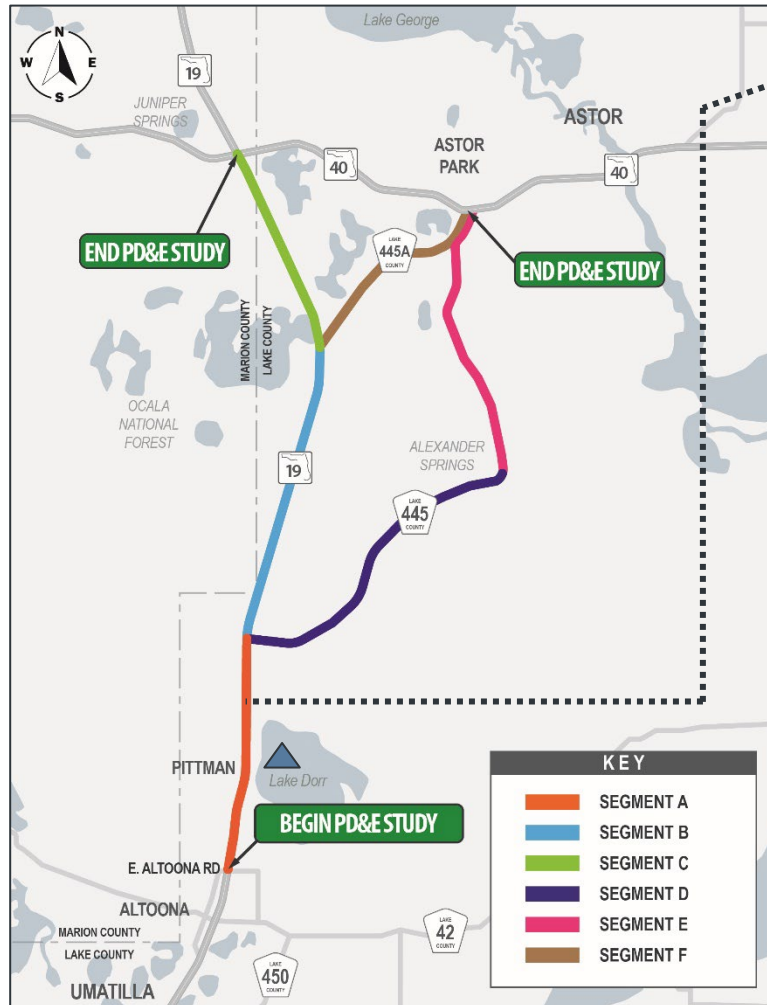
Drawbacks

- Safety issue with mixing cyclists with traffic
- Doesn't meet objective of completing trails network

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

ALTERNATIVES ANALYSIS



PROJECT ALTERNATIVE SEGMENTS

Segment A

Along SR 19 (E. Altoona Road to CR 445)

- 8-foot Trail, west side of SR 19
 - E. Altoona Road to Lake Dorr Recreation Area
- 8-foot Trail, east side of SR 19
 - Lake Dorr Recreation Area to 0.2 mi. south of CR 445
- 14-foot trail, east side of SR 19 (0.2 mi. south of CR 445 to CR 445)

Benefits

- Less private parcel impacts at beginning project limits
- Provides recreation connectivity at Lake Dorr Recreation Area (▲)
- Provides direct connection to CR 445

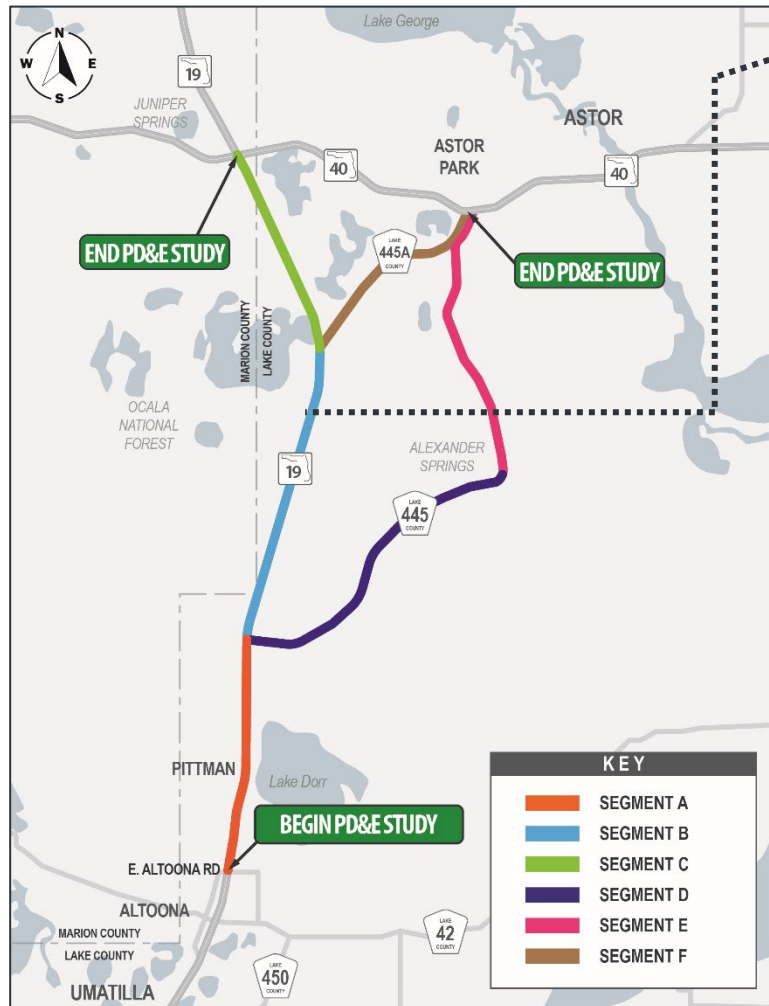
Drawbacks

- Desired 14-foot wide trail results in more parcel impacts and right of way acquisition
- Existing utility poles from E Altoona Rd. to Dorr Rd.

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

ALTERNATIVES ANALYSIS



PROJECT ALTERNATIVE SEGMENTS

Segment B

Along SR 19 (CR 445 to CR 445A)

- 14-foot Trail
 - East side of SR 19

Benefits

- No right of way impacts with proposed typical sections
- Provides direct connection to CR 445A without crossing SR 19
- Provides access to Ocala National Forest recreation areas

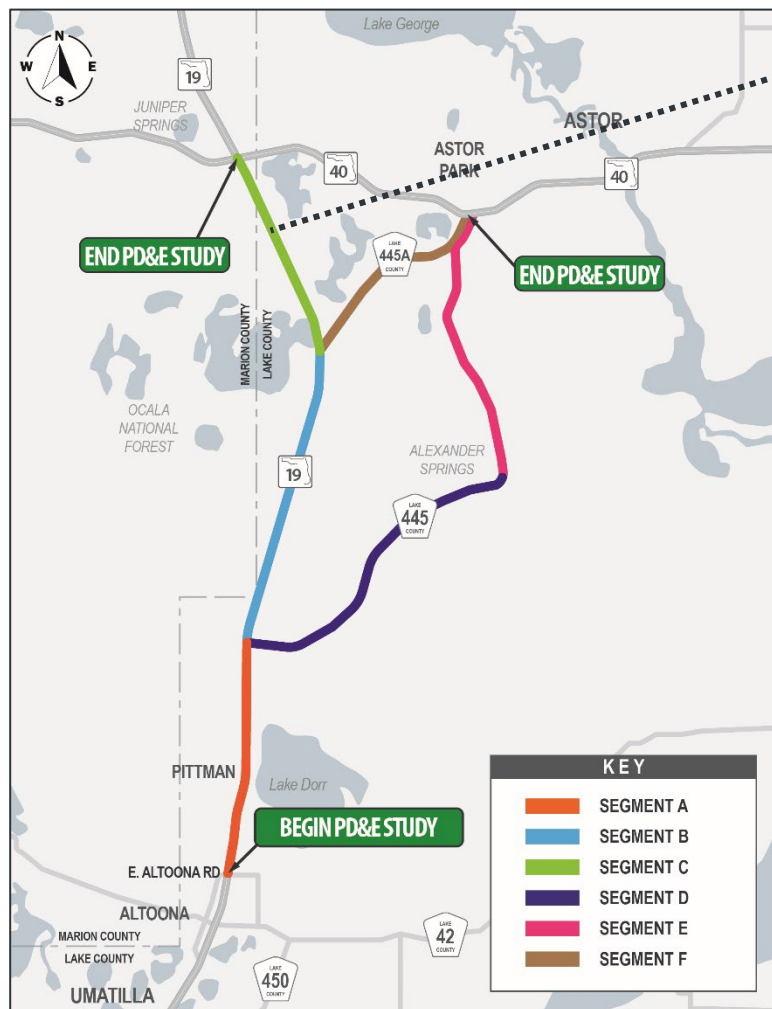
Drawbacks

- Existing utility poles along east side of SR 19

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

ALTERNATIVES ANALYSIS



PROJECT ALTERNATIVE SEGMENTS

Segment C

Along SR 19 (CR 445A to SR 40)

- 14-foot Trail
 - East side of SR 19

Benefits

- No right of way impacts with proposed typical sections
- Direct connection to Beakman Lake Recreational Area

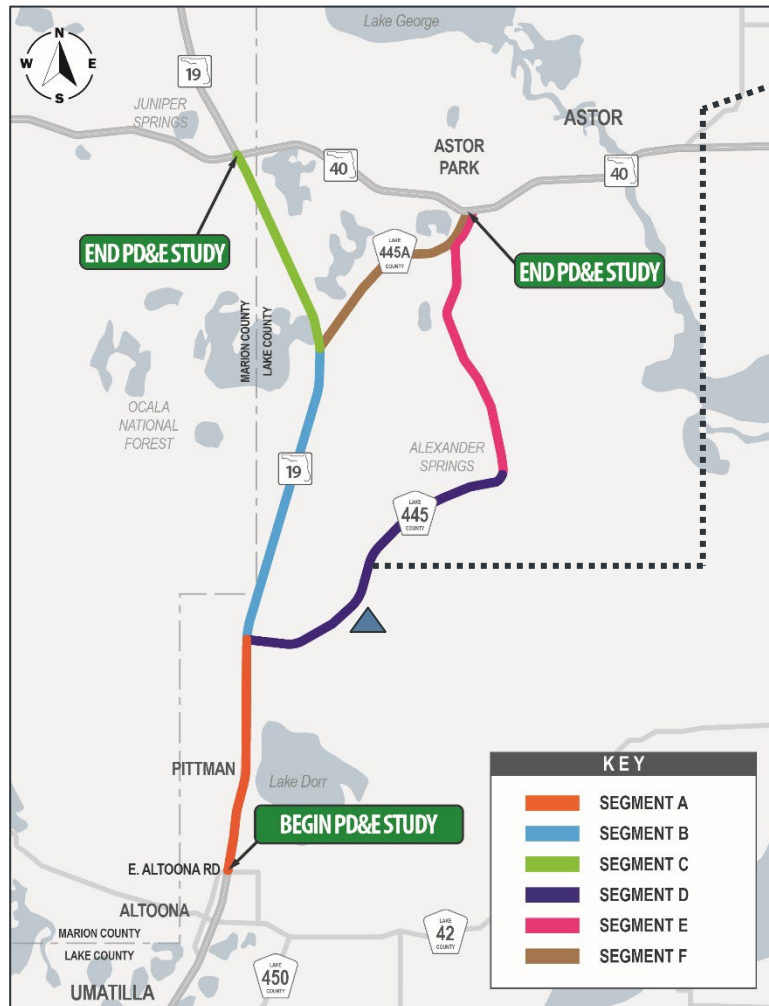
Drawbacks

- Existing utility poles along east side of SR 19

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

ALTERNATIVES ANALYSIS



PROJECT ALTERNATIVE SEGMENTS

Segment D

Along CR 445 (SR 19 to Alexander Springs bridge)

- 12-foot Trail - SR 19 to Wandering Wiregrass Trailhead (▲)
 - South side of CR 445
- 14-foot Trail - Wandering Wiregrass Trailhead to Alexander Springs bridge
 - South side of CR 445

Benefits

- No right of way impacts with proposed typical sections
- Potential connections to:
 - Wandering Wiregrass Trailhead and parking lot
 - Northern Trailhead Paisley Woods Bicycle Trail
 - Alexander Springs entrance to the Alexander Springs Recreation Area and Yellow Loop Trail

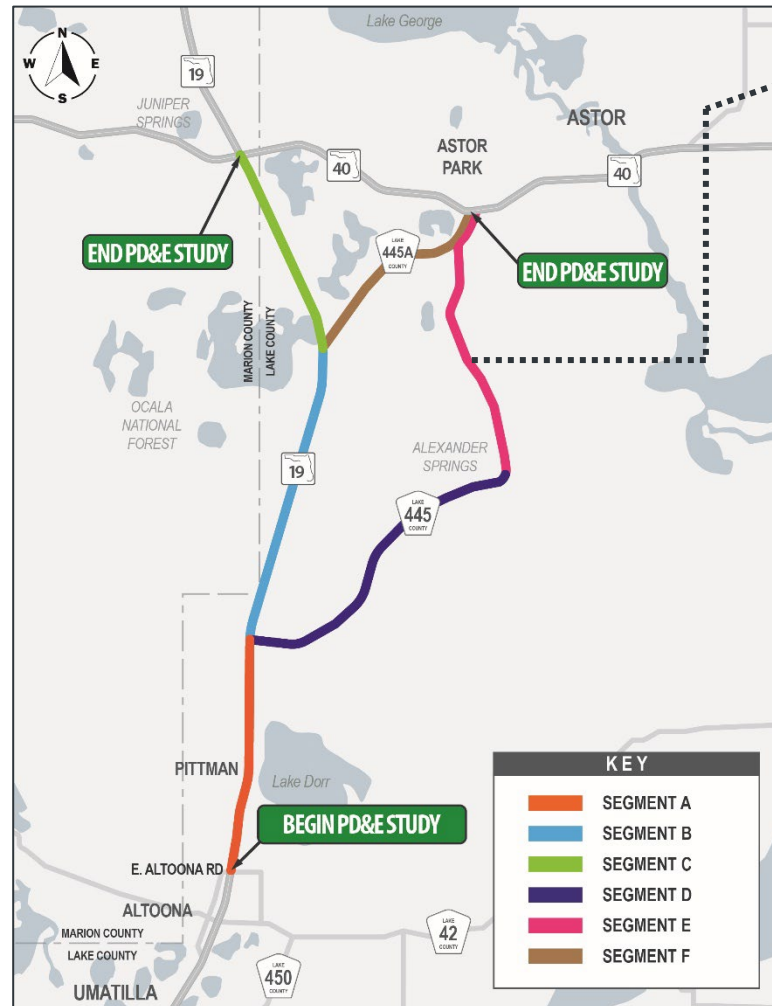
Drawbacks

- Additional costs for separate bridge crossing at Alexander Springs (avoids trail users from using vehicular bridge)

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

ALTERNATIVES ANALYSIS



PROJECT ALTERNATIVE SEGMENTS

Segment E

Along CR 445 (Alexander Springs bridge to SR 40)

- 14-foot Trail – east of Alexander Springs bridge to CR 445A
 - East side of CR 445
- 8-foot Trail – CR 445A intersection to SR 40
 - South side of CR 445A

Benefits

- No right of way impacts with proposed typical sections
- Connects to Astor Park

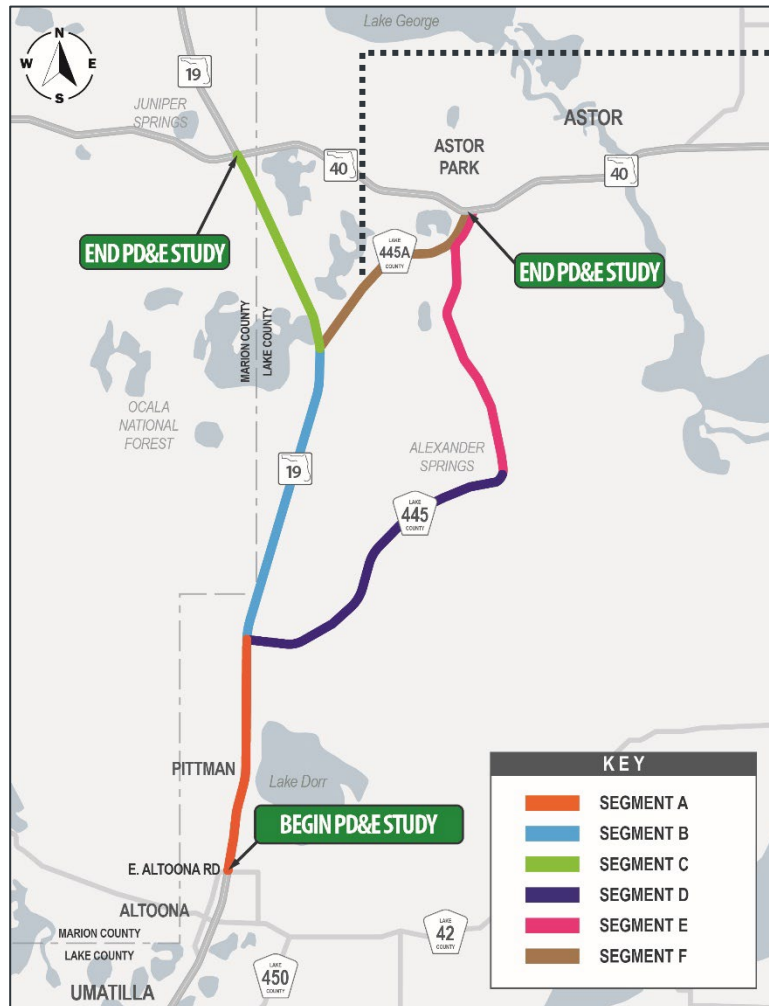
Drawbacks

- None

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

ALTERNATIVES ANALYSIS



PROJECT ALTERNATIVE SEGMENTS

Segment F

Along CR 445A (SR 19 to SR 40)

- 14-foot Trail
 - South side of CR 445A (except at intersection with CR 445)
- 8-foot Trail
 - South side of CR 445A (500-foot section just north of CR 445 intersection)

Benefits

- No right of way impacts with proposed typical sections
- Connects to Astor Park
- Potential Ocala National Forest recreation connections
- Connects to Alexander Springs via Segments D and E

Drawbacks

- None

ALTERNATIVES ANALYSIS

Evaluation Criteria

- Trail Design
- Trail Safety
- Social and Cultural Resources
- Natural Resources
- Physical Resources
- Local and Regional Support
- Costs



NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

SEGMENT ANALYSIS

Qualitative Analysis

- Evaluated by Segments
- Qualitative Analysis for the Alternative Concepts Public Meeting

SEGMENT EVALUATION MATRIX						
EVALUATION CRITERIA	SEGMENTS					
	SEGMENT A	SEGMENT B	SEGMENT C	SEGMENT D	SEGMENT E	SEGMENT F
TRAIL PLANNING						
Consistent with Lake County Trails Master Plan						
Consistent with Ocala National Forest Recreation Plan						
Consistent with Lake County Comprehensive Plan						
Supported by Local Governments						
Supported by Local Bicycle Organizations						
TRAIL DESIGN						
Meets County Trail Design Standards						
Meets FDOT FDM Trail Design Standards						
Bridge Crossing Required						
Parcels Impacted						
Required Right-of-Way						
Additional Forest Service Land Required						
Forest Service Permit Modification Required						
TRAIL SAFETY						
Driveway Crossings						
Street Crossings						
Midblock/Non-signalized Crossings						
Signalized Crossings						
SOCIO-ECONOMIC RESOURCES						
Connectivity to Area Parks, Schools						
Connectivity to Area Communities (Altoona, Astor, Umatilla)						
Ocala National Forest Service Activities Operations Impacts						
Ocala National Forest Service Activities Revenue Impacts						

Most Favorable
 Favorable
 Least Favorable

SEGMENT ANALYSIS

Qualitative Analysis

- Evaluated by Segments

Quantitative Analysis

- Evaluated by Alternative will be completed for Recommended Alternative Public Meeting

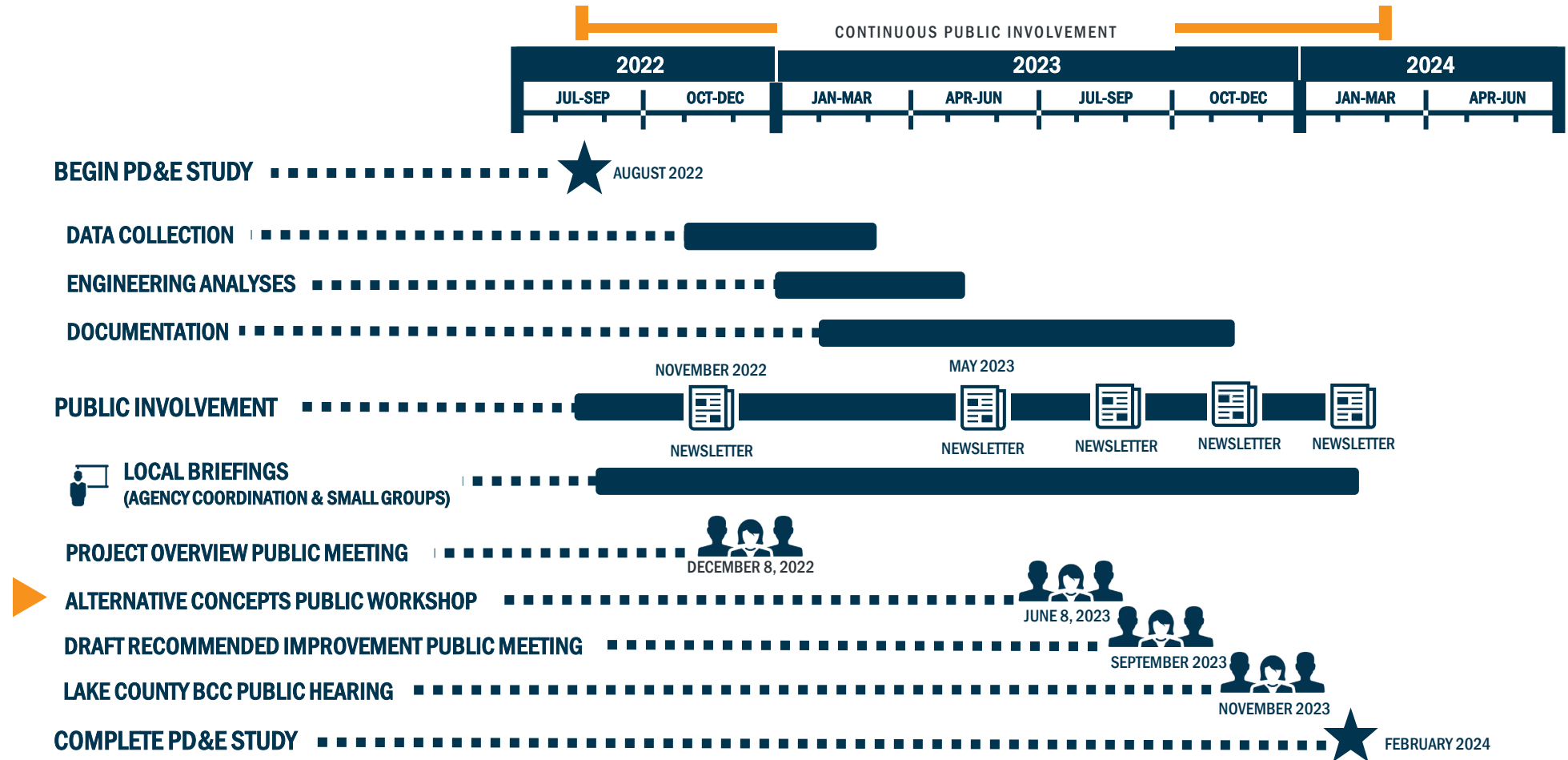
SEGMENT EVALUATION MATRIX						
EVALUATION CRITERIA	SEGMENTS					
	SEGMENT A	SEGMENT B	SEGMENT C	SEGMENT D	SEGMENT E	SEGMENT F
CULTURAL RESOURCES						
Archaeological Sites						
Historical Sites						
Section 4(f)						
RECREATIONAL RESOURCES						
Connectivity to Other Area Trails						
Public Hunting Area Impacts						
Connectivity to Ocala National Forest Service Recreation Areas						
Creates Opportunity to Connect to Other/Future Ocala National Forest Service Recreation Areas						
NATURAL RESOURCES						
Wetlands / Surface Waters						
Floodplains						
Wildlife / Habitat						
PHYSICAL RESOURCES						
Utility Relocations						
Contamination Sites						
Sidedrains and Crossdrains						
COSTS	TO BE DETERMINED					

■ Most Favorable
■ Favorable
■ Least Favorable

NORTH LAKE TRAIL – PHASE 3

PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

PD&E STUDY SCHEDULE



PROJECT CONTACT INFORMATION

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Lake County Project Manager



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350 N. Sinclair Avenue, Tavares, FL 32778



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FPID No.: 441626-2

THANK YOU

Alternative Concepts Public Workshop

June 8, 2023

5:30 p.m. to 7:30 p.m.

