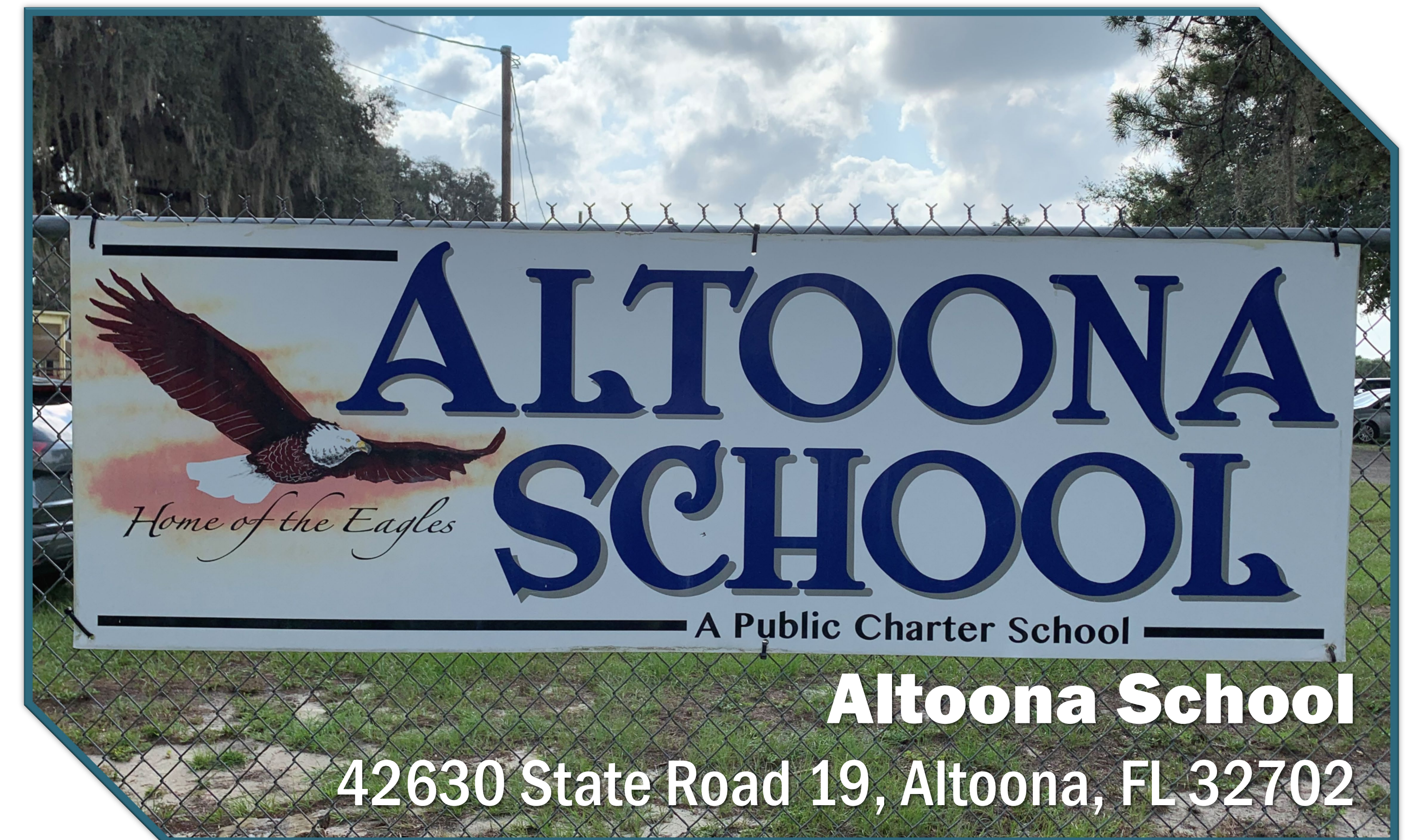


# RECOMMENDED ALTERNATIVE PUBLIC MEETING

**November 9, 2023**  
5:30 p.m. to 7:30 p.m.

# WELCOME



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**

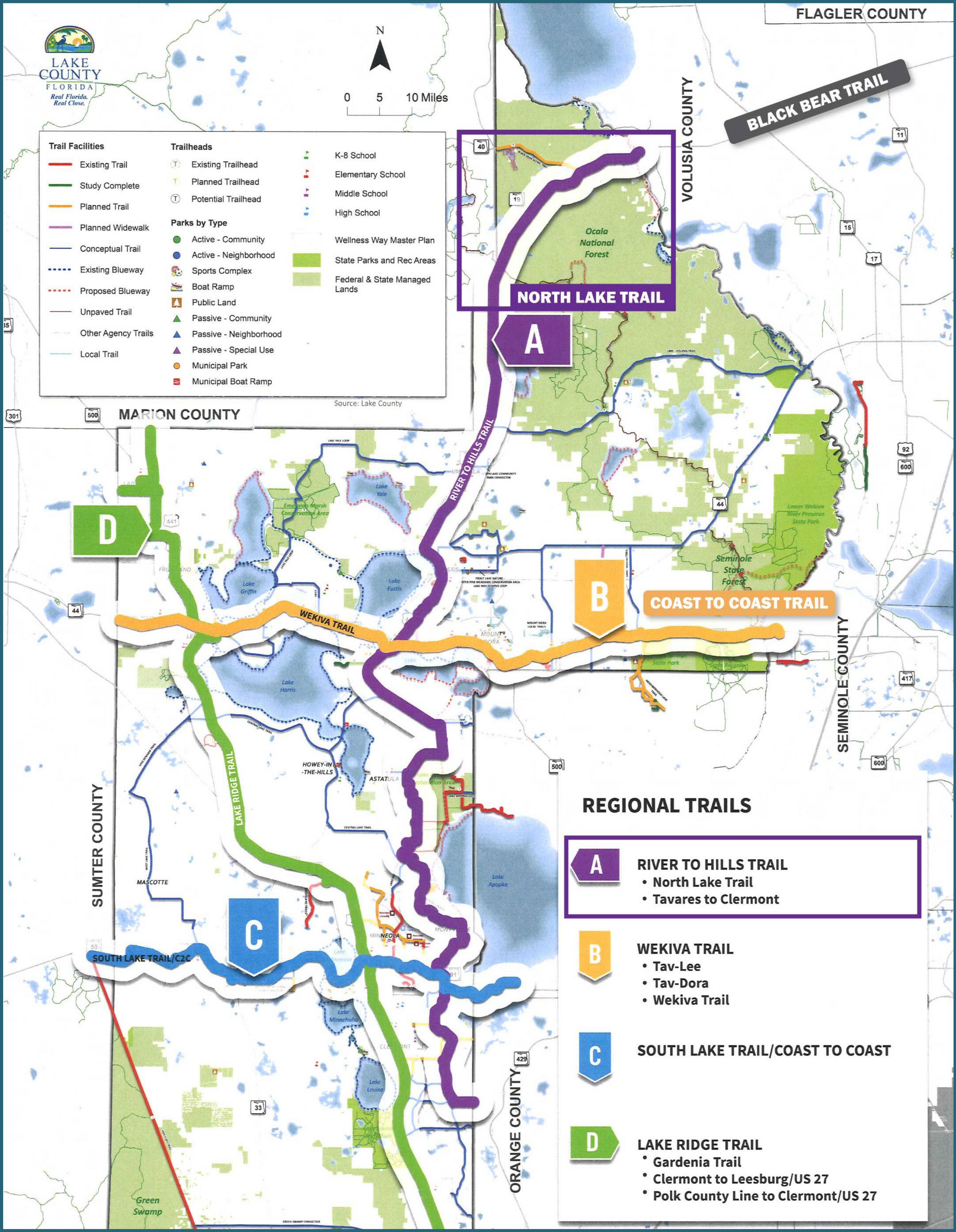
**Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.**

---

**Persons who require language translation or interpretive services, which are provided at no cost, or those requiring special accommodations under the Americans with Disabilities Act of 1990 (ADA) may request assistance by contacting **Sharon Lewis**, Lake County Title VI/Nondiscrimination and ADA Coordinator, at **(352) 253-9050** or **Sharon.Lewis@lakecountyfl.gov** at least seven (7) days prior to the meeting.**



# COUNTY TRAILS MASTER PLAN



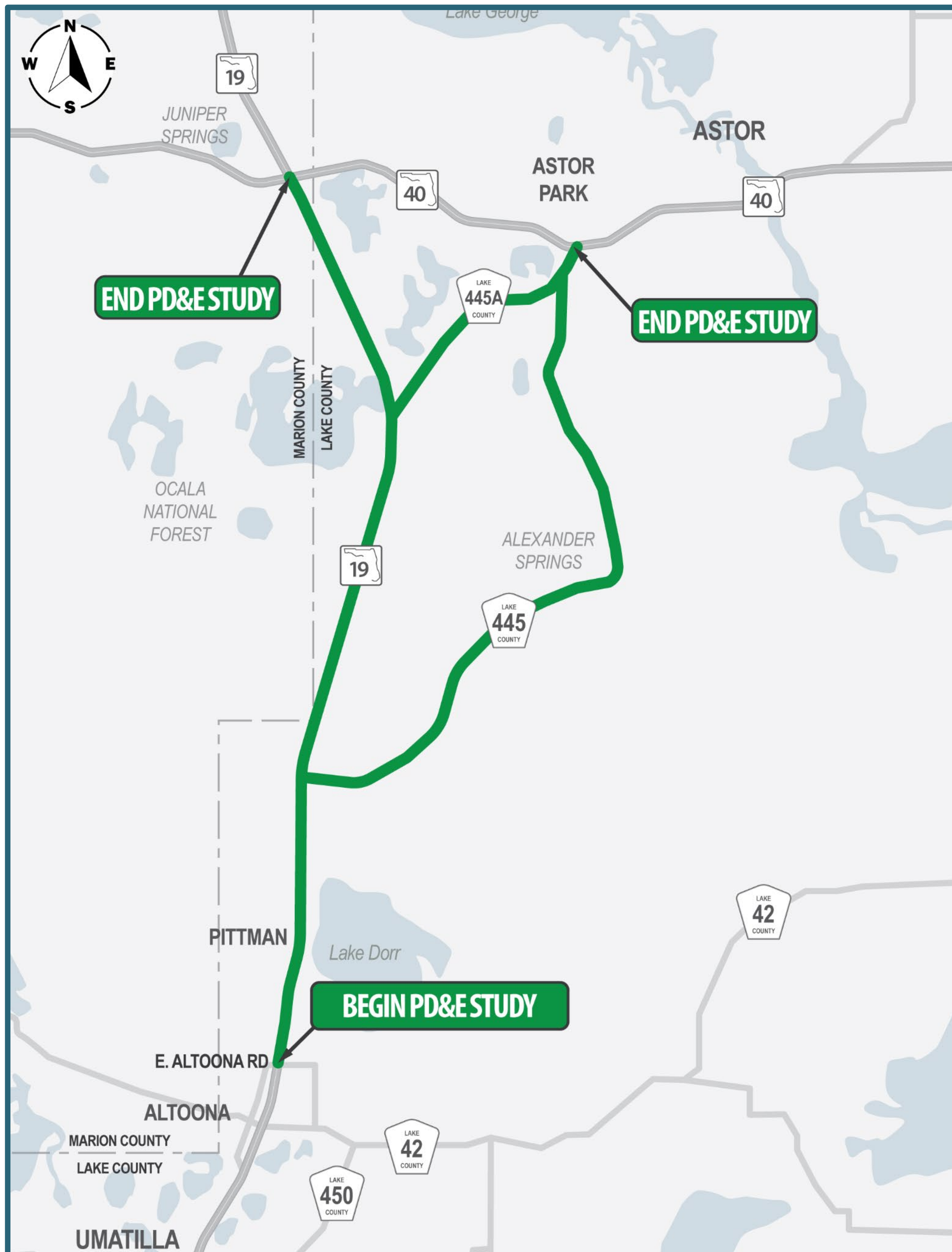
Regional Multi-Use Trail Connections



# NORTH LAKE TRAIL – PHASE 3

## PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

## PURPOSE & NEED



PROJECT LOCATION

### PURPOSE

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

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

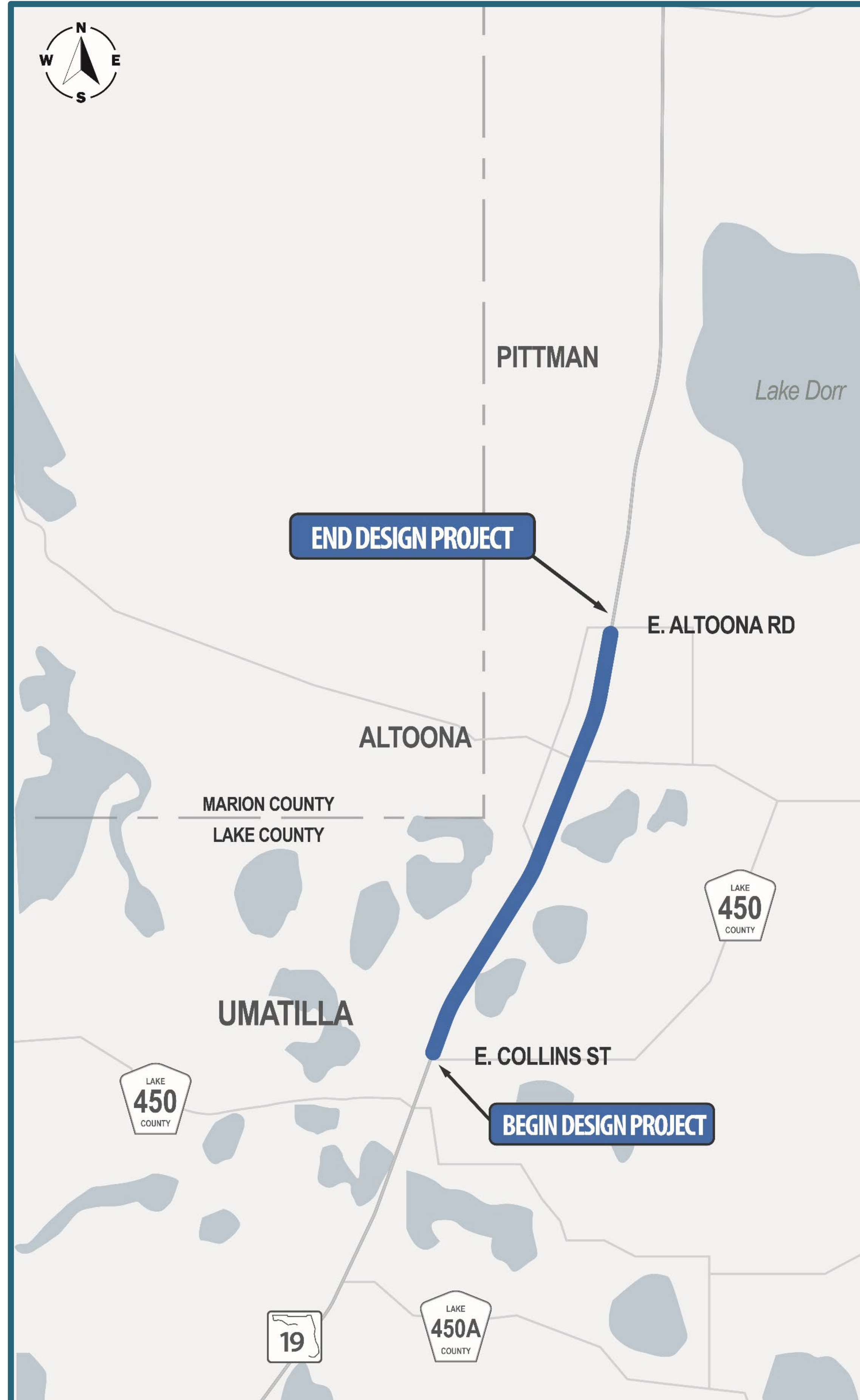
### NEED

- 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



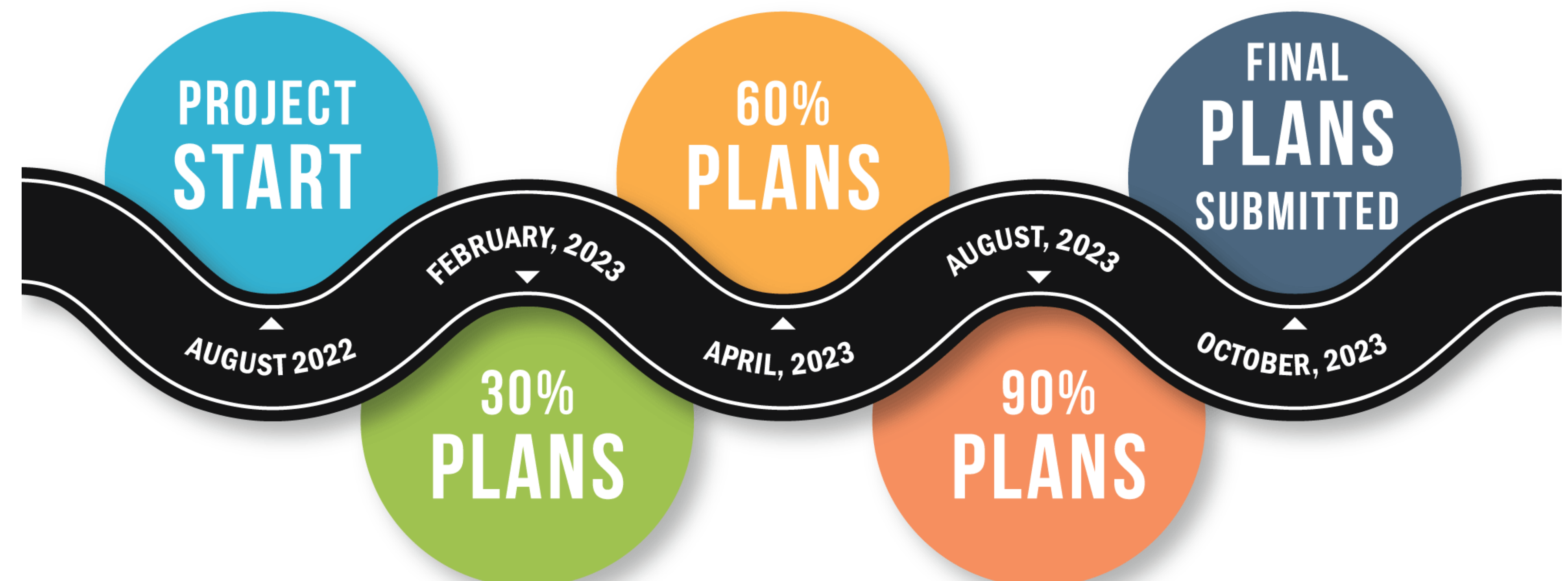
DESIGN SEGMENT LOCATION

## DESIGN SEGMENT

In 2022, Lake County initiated the design phase for the North Lake Trail segment that generally follows State Road 19 from E. Collins Street (in Umatilla) to E. Altoona Road (in Altoona) as presented in the map.

This segment is approximately 3 miles in length. The northern terminus of this project (E. Altoona Road) is also the southern terminus for the North Lake Trail segment that is undergoing the **Project Development and Environment (PD&E) Study**.

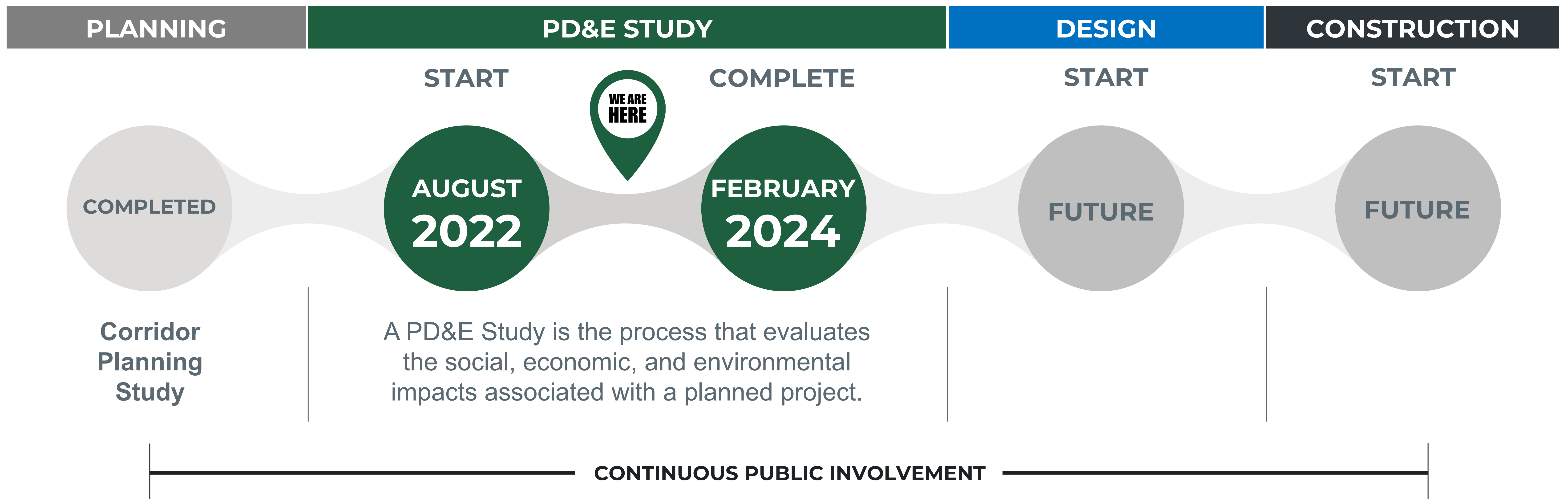
### DESIGN SEGMENT TIMELINE



Note: At this time, it is unknown as to when activities beyond the design phase (right-of-way acquisition and construction) will be completed.



## PROJECT DEVELOPMENT PROCESS











# NORTH LAKE TRAIL – PHASE 3

## PROJECT DEVELOPMENT AND ENVIRONMENT STUDY



# ALTERNATIVES EVALUATION MATRIX

EVALUATION CRITERIA	ALTERNATIVES				
	NO BUILD	PHASE 1			PHASE 2
		1 SEGMENTS A-B-C	2 SEGMENTS A-B-F	3 SEGMENTS A-D-E*	POTENTIAL ALEXANDER SPRINGS SPUR SEGMENT D
TRAIL PLANNING					
Meets Project Purpose and Need (Yes/No)	No	No	Yes	Yes	No
Consistent with Lake County Trails Master Plan (Yes/No)	No	Yes	Yes	Yes	Yes
Supported by Local Governments (Yes/No)	No	Yes	Yes	Yes	Yes
Aligns with Planned Forest Recreation Management Plan Updates (Yes/No)	No	Yes	Yes	No	No
Supported by the Public/Stakeholders (Yes/No)	No	No	Yes	Yes	Yes
TRAIL DESIGN					
Meets County Trail Design Standards (Yes / No)	No	No	No	No	No
Meets FDOT FDM Trail Design Standards (Yes / No)	No	Yes	Yes	Yes	Yes
Bridge Crossing Required (Yes / No)	No	No	No	Yes	No
Surface Water/Wetland Crossing Required (Yes / No)	No	Yes	Yes	Yes	No
TRAIL TYPICAL SECTION AND LENGTH					
Length of Trail 8-foot Wide with Curb and Gutter and Guardrail (Miles)	0	2.95	2.95	2.95	0
Length of Trail 8-foot Wide with Curb and Gutter (Miles)	0	1.3	1.4	1.3	0
Length of Trail 12-foot Wide with Ditch (Miles)	0	0	0	1.9	1.9
Length of Trail 14-foot Wide with Curb and Gutter (Miles)	0	2.43	1.8	0.45	0
Length of Trail 14-foot Wide with Ditch (Miles)	0	7.82	8.6	8.8	3.8
Length of Bridge (Miles)	0	0	0	0.2	0
TRAIL SAFETY					
Driveway Crossings (Number)	0	57	63	67	14
Street Crossings (Number)	0	1	2	2	0
Midblock/Non-signalized Crossings (Number)	0	1	1	1	0
Signalized Crossings (Number)	0	0	0	0	0
Forest Road Crossings (Number)	0	17	15	16	6
SOCIO-ECONOMIC RESOURCES					
Connectivity to Area Parks, Schools (No/Low / Med / High)	No	Med	High	High	Low
Connectivity to Area Communities (Altoona, Astor, Umatilla) (No/Low / Med /High)	No	Med	High	High	Low
Ocala National Forest Service Operations Impacts (No/Low / Med /High)	No	Low	Low	Med	Med
Ocala National Forest Service Revenue Impacts (No/Low / Med /High)	No	Low	Low	Low	Low
CULTURAL RESOURCES					
Archaeological Sites (Number)	0	1	2	5	2
Potential Historic Sites (Number)	0	53	69	98	28
Historic Cemetery (Number)	0	0	0	1	1
Resource Groups (Number)	0	2	3	3	0
RECREATIONAL RESOURCES					
Connectivity to Other Area Bicycle Trails (Number)	No	2	3	3	1
Connectivity to Other Area Hiking Trails (Number)	No	3	3	5	2
Connectivity to Other Recreation Areas (Number)	No	4	4	8	3
Public Hunting Area Impacts (Yes / No)	No	No	No	No	No
NATURAL RESOURCES					
Wetlands / Surface Waters (Acres)	0	1.29	1.94	2.41	0.27
Outstanding Florida Water (Yes / No)	No	No	No	Yes	No
Within Outstanding Florida Springs Springshed (Yes / No)	Yes	Yes	Yes	Yes	Yes
Floodplains (Acres)	0	7.1	5.12	10.06	4.32
Number of Potential Species (Number)	0	6	6	9	7
PHYSICAL RESOURCES					
Utility Relocations (Number of UAOs)	0	3	3	3	1
Contamination Sites (Number Med / Low)	0	3 / 5	3 / 8	2 / 7	0 / 0
ADDITIONAL RIGHT-OF-WAY					
Parcels Impacted (Number)	0	33	38	36	0
Required Right-of-Way (Acres)	0	0.55	0.51	1.21	0
Additional Forest Service Land Required (Acres)	0	0.32	0.28	0.98	0
Forest Service Permit Modification Required (Yes / No)	No	Yes	Yes	Yes	Yes
COSTS (2023 USD)					
R/W, Design, Construction, CEI, Mitigation	\$0	\$16,210,962	\$17,553,869	\$19,721,540	\$6,324,732
Costs are preliminary and subject to change.					

RESULTS	ALTERNATIVES			
	NO BUILD	SEGMENTS A-B-C	SEGMENTS A-B-F	SEGMENTS A-D-E*
MOST FAVORABLE	0	21	22	17
FAVORABLE	0	6	8	4
LEAST FAVORABLE	5	17	14	23
NO CHANGE	39	0	0	0

\*Alternative A-D-E includes Bridge Segment and 0.5 miles along CR 445A to reach Astor Park



## RECOMMENDED ALTERNATIVES



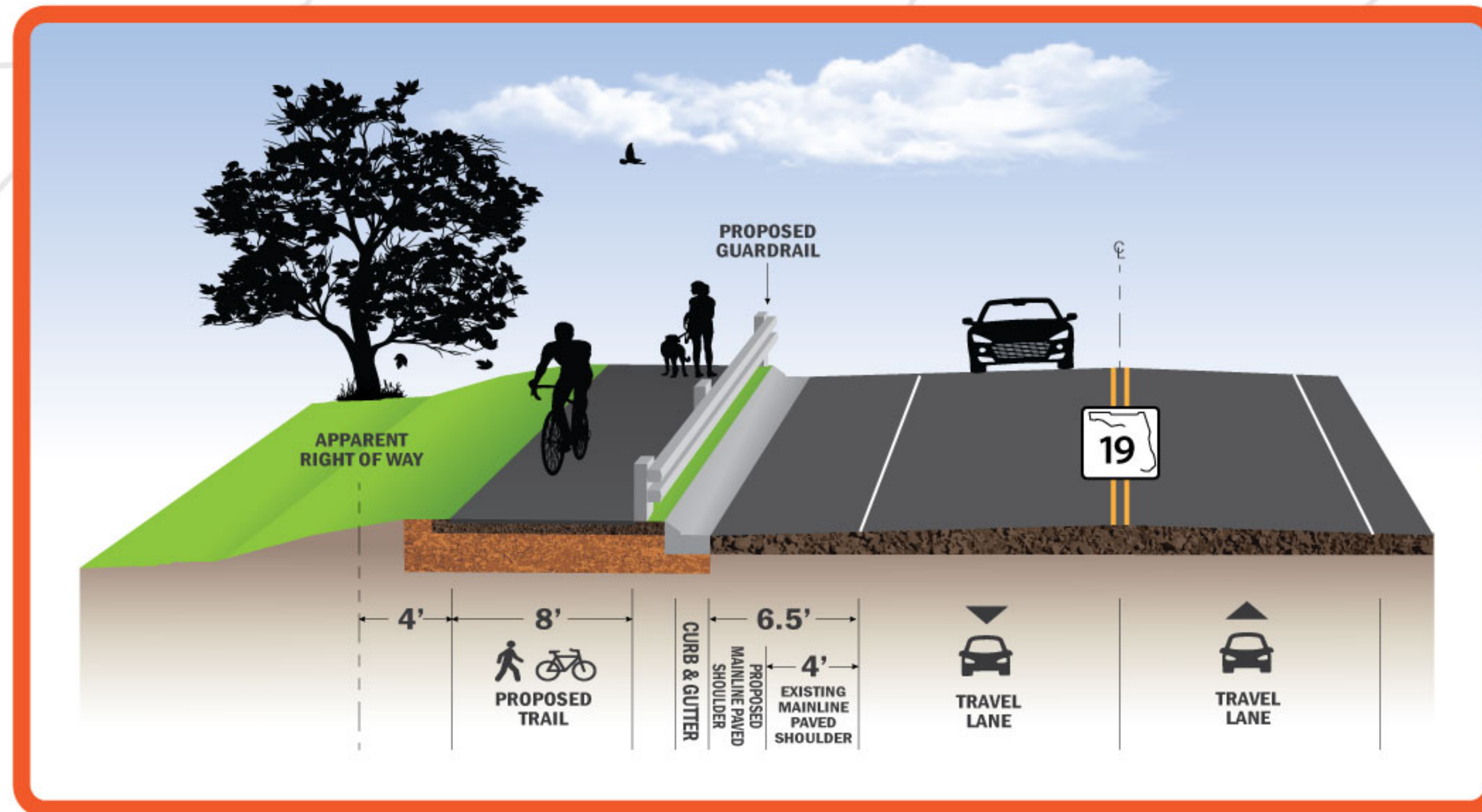


# NORTH LAKE TRAIL - PHASE 3

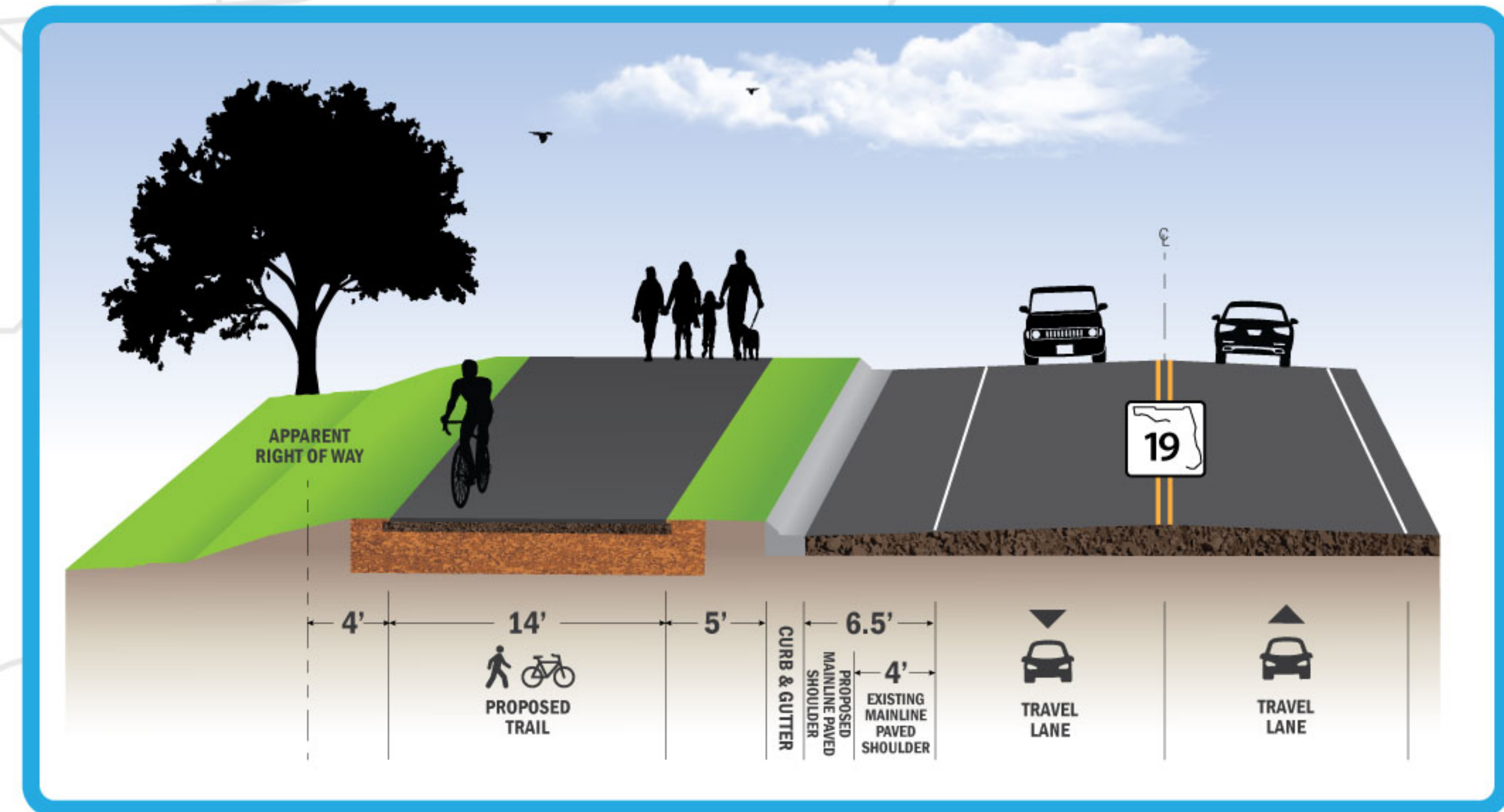
## PROJECT DEVELOPMENT AND ENVIRONMENT STUDY



**PROPOSED 8' WIDE TRAIL WITH CURB & GUTTER & GUARDRAIL**



**PROPOSED 14' WIDE TRAIL WITH CURB & GUTTER**



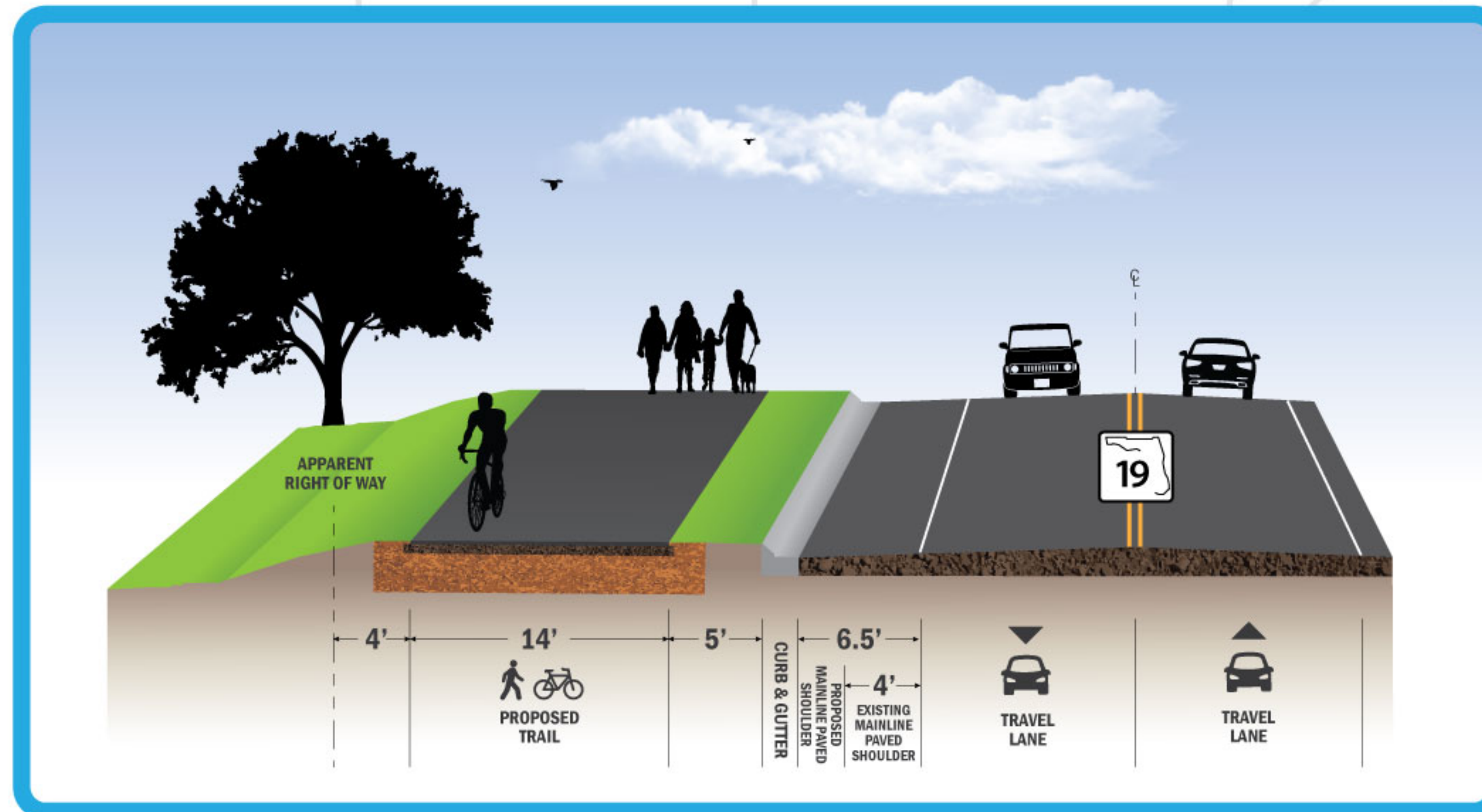
**SEGMENT A: SR 19 FROM E ALTOONA RD TO CR 445**



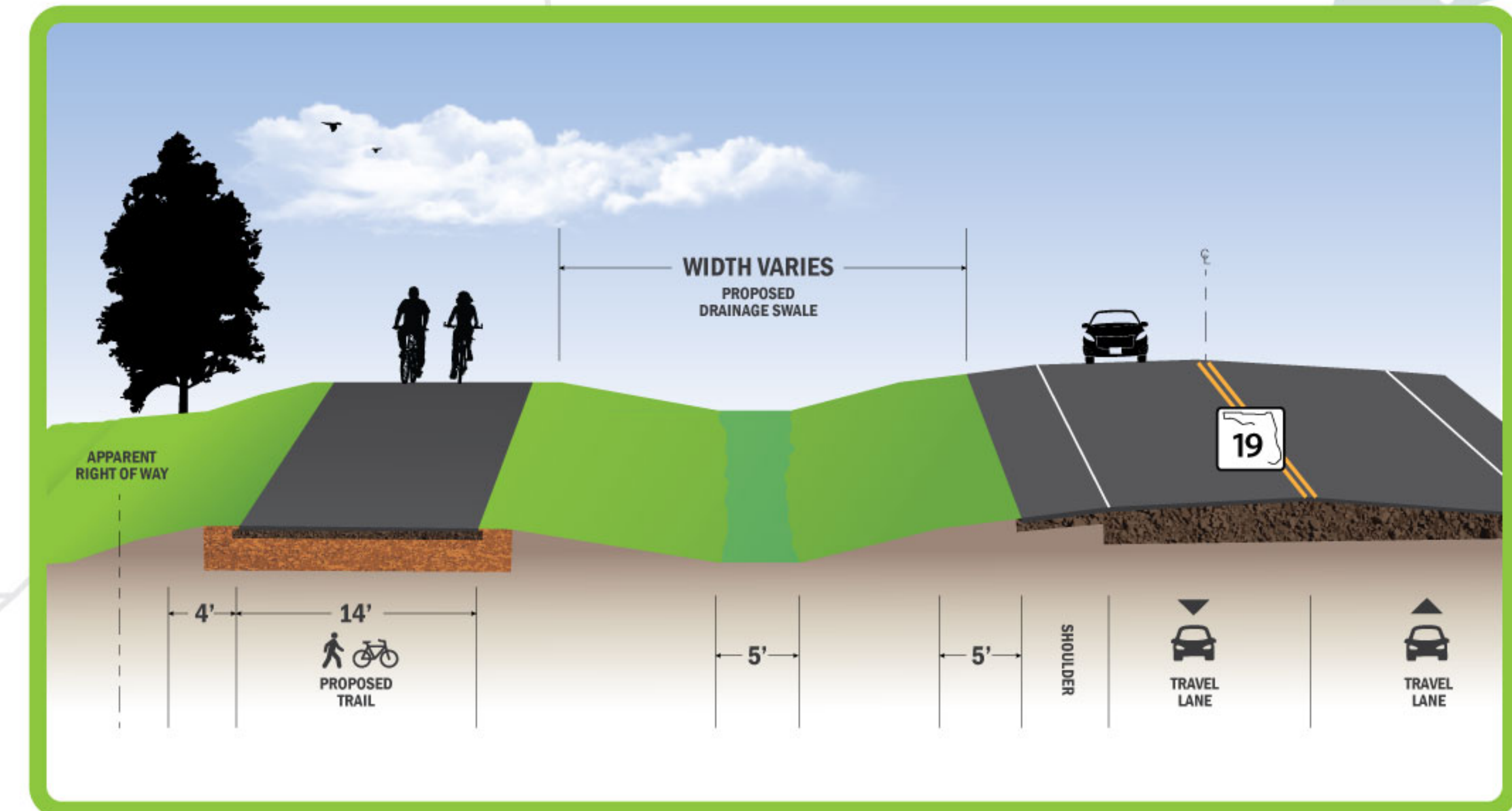
# NORTH LAKE TRAIL - PHASE 3

## PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

**PROPOSED 14' WIDE TRAIL WITH CURB & GUTTER**



**PROPOSED 14' WIDE TRAIL WITH DRAINAGE SWALE**

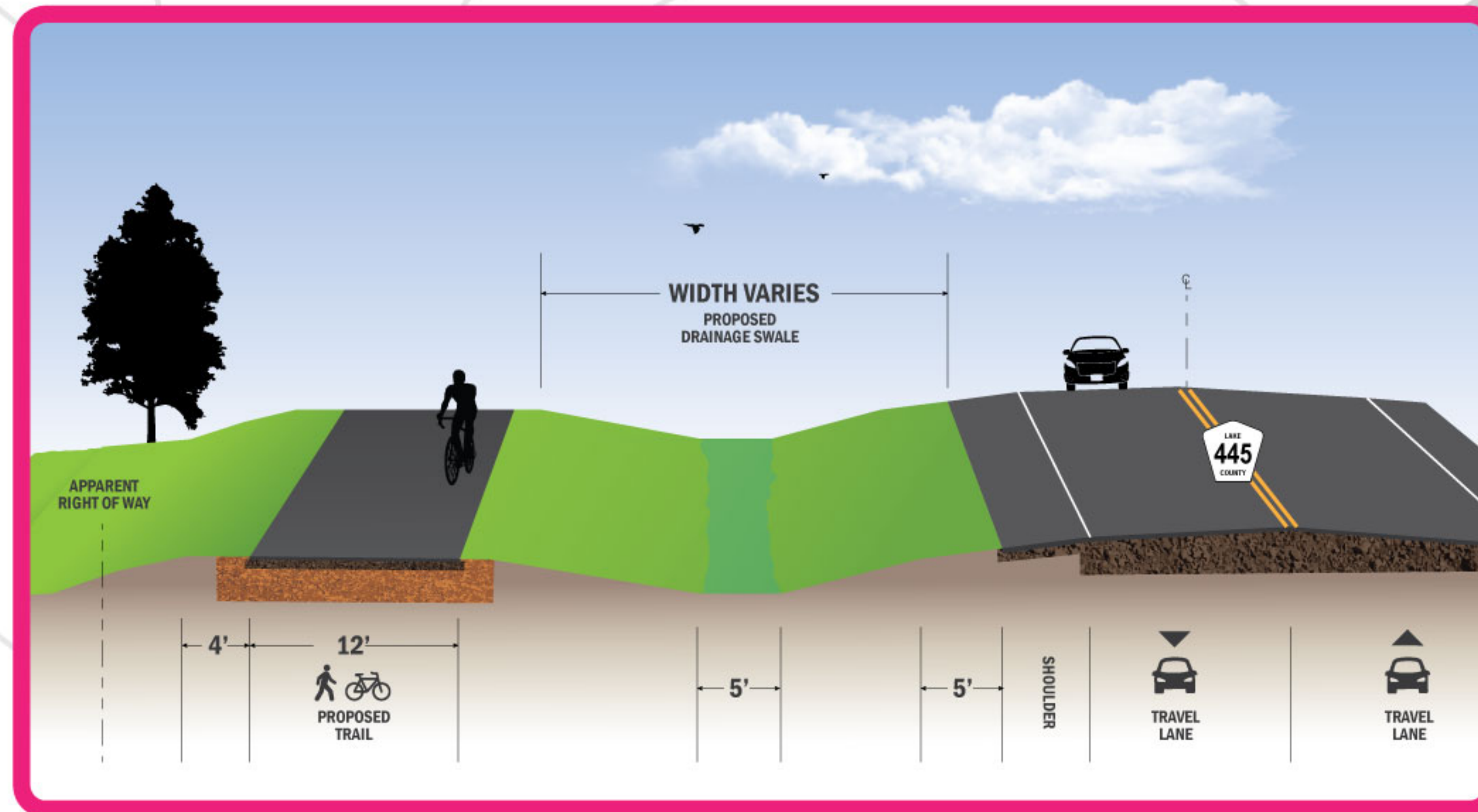




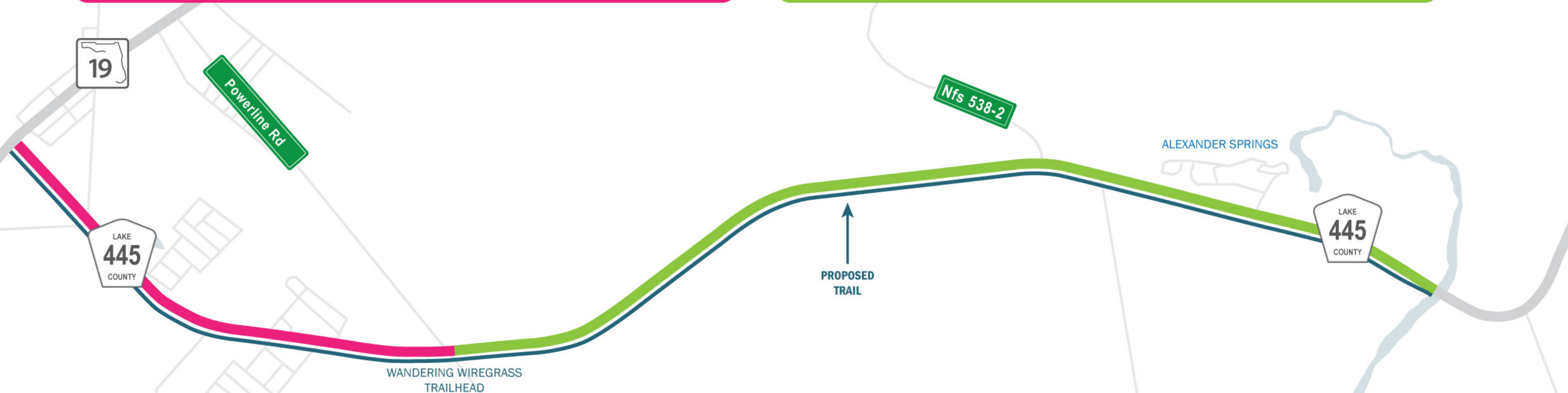
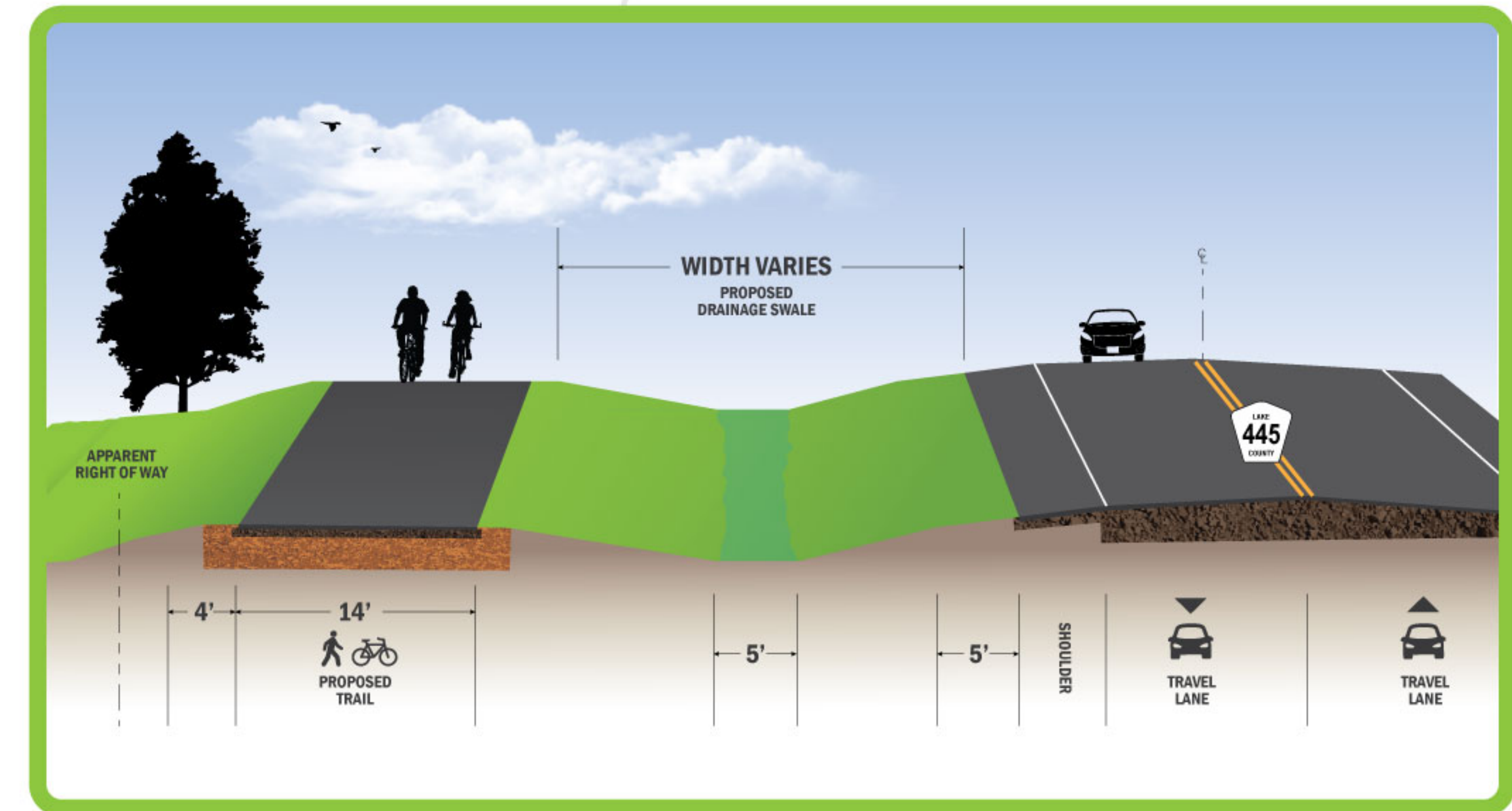
# NORTH LAKE TRAIL - PHASE 3

## PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

**PROPOSED 12' WIDE TRAIL WITH DRAINAGE SWALE**



**PROPOSED 14' WIDE TRAIL WITH DRAINAGE SWALE**



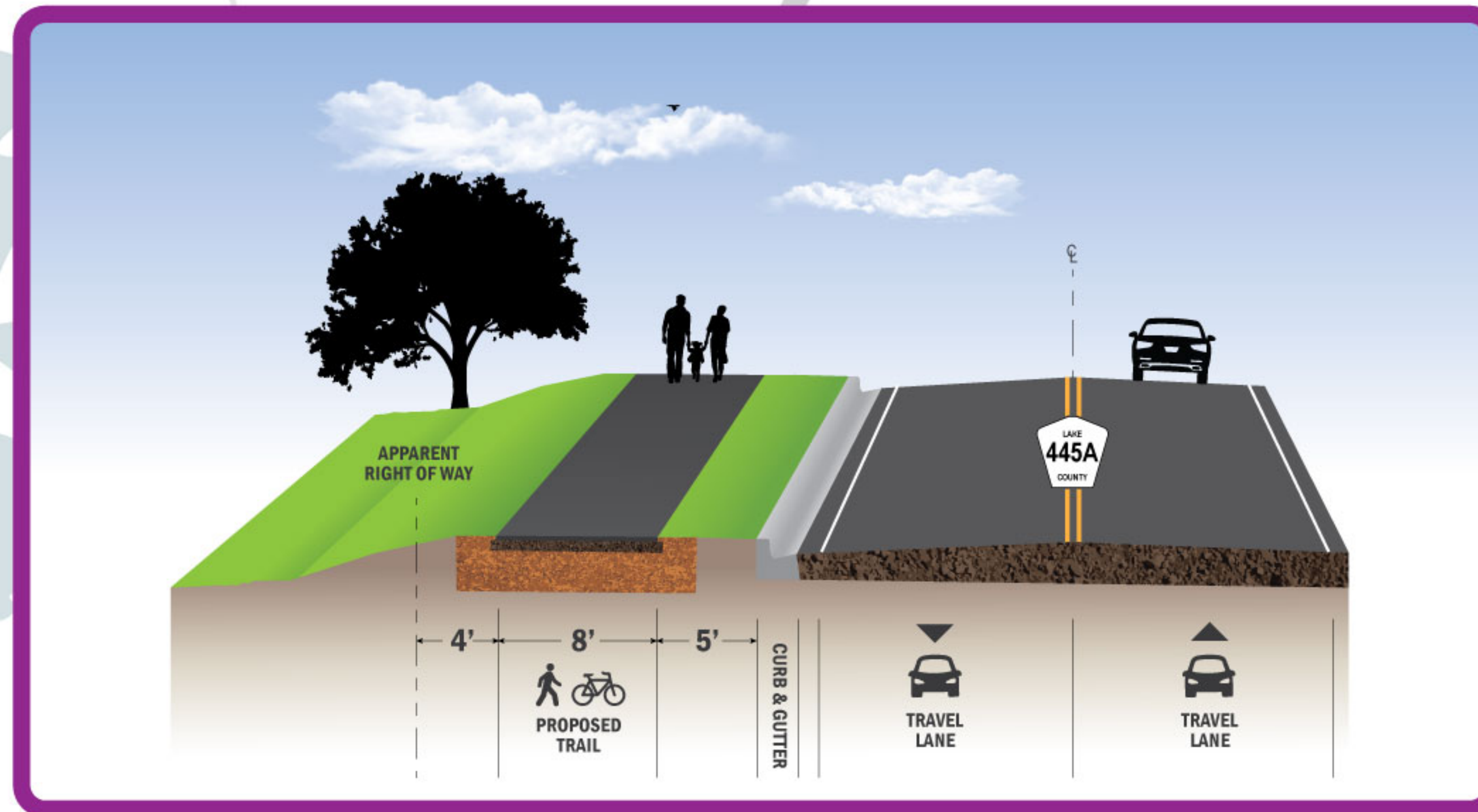
**SEGMENT D: CR 445 FROM SR 19 TO SPRING CREEK BRIDGE**



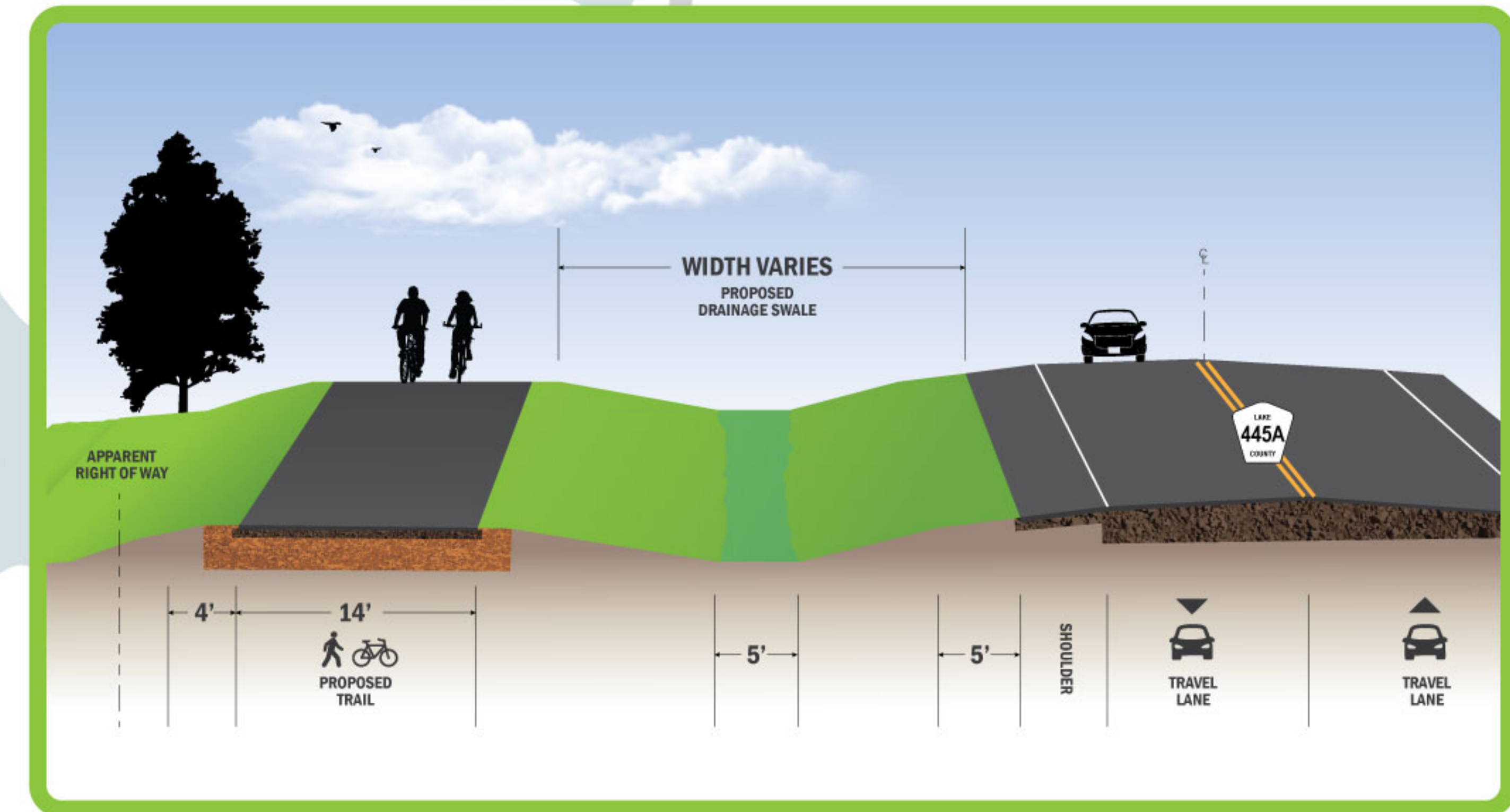
# NORTH LAKE TRAIL - PHASE 3

## PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

**PROPOSED 8' WIDE TRAIL WITH CURB AND GUTTER**



**PROPOSED 14' WIDE TRAIL WITH DRAINAGE SWALE**

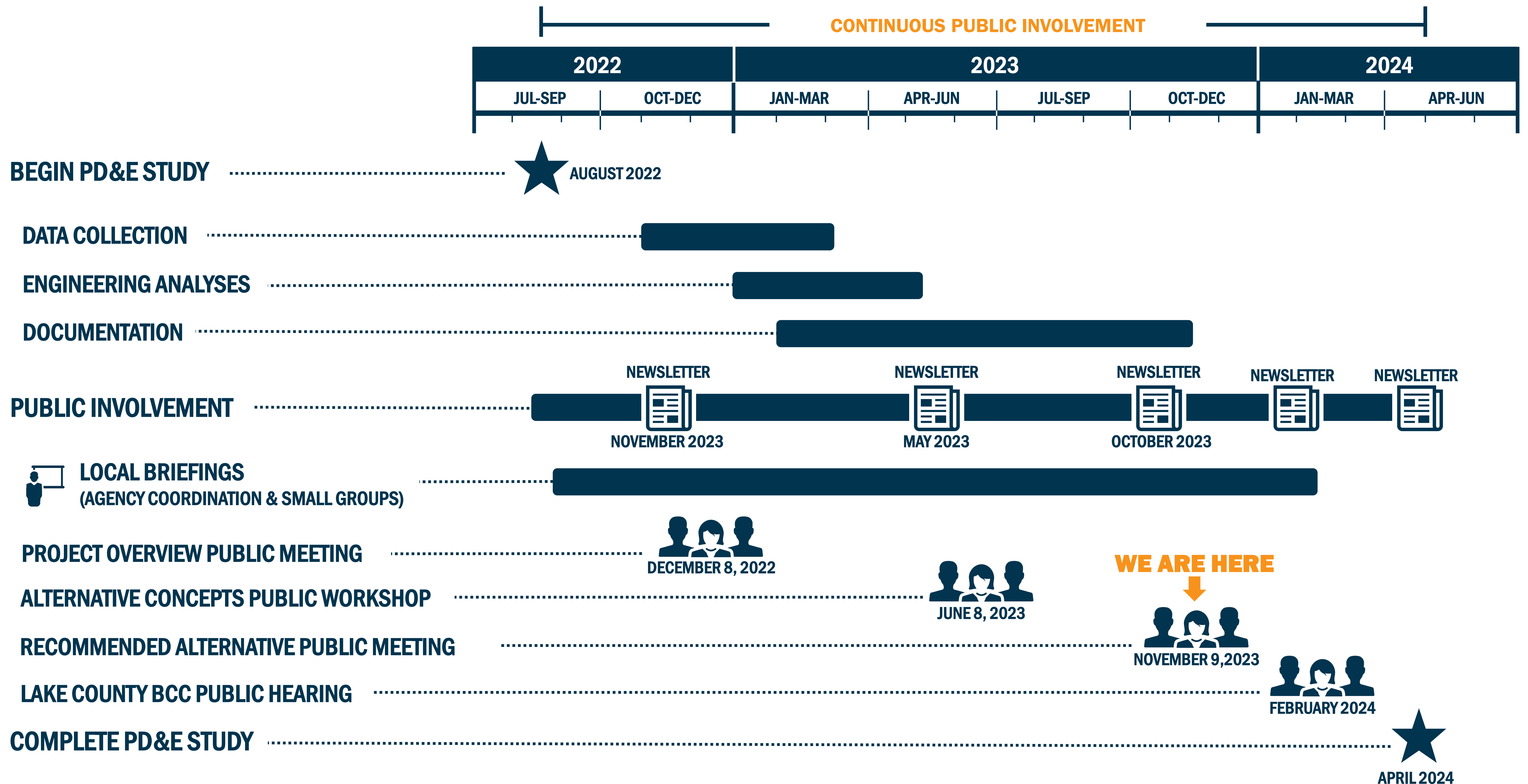




# NORTH LAKE TRAIL – PHASE 3

## PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

## PD&E STUDY SCHEDULE





# WE WANT TO HEAR FROM YOU

## THERE ARE SEVERAL WAYS TO LEAVE A COMMENT

1

Drop the comment form in the comment box at this meeting.

2

Mail or email your comments to:

**George Gadiel, P.E.**

**Lake County Project Manager**

Lake County Public Works


350 N. Sinclair Avenue

Tavares, Florida 32778

Phone: (352) 253-9092

Email: [George.Gadiel@lakecountyfl.gov](mailto:George.Gadiel@lakecountyfl.gov)

3

Using the camera feature on your smartphone, scan the QR code here  to access our online form and submit your comments directly through our website.



4

Visit the address below on any web enabled device and submit your comments online at the most convenient place and time for you.

<https://www.northlaketrail.com/get-connected/>