



Capital Region Transportation Planning Agency



# SR 267 (Bloxxham Cutoff Road) Trail Feasibility Study

CRTPA Board Meeting

*April 18, 2023*

# AGENDA



## Background

- Location
- Purpose
- Planning Consistency



## Efforts to Date

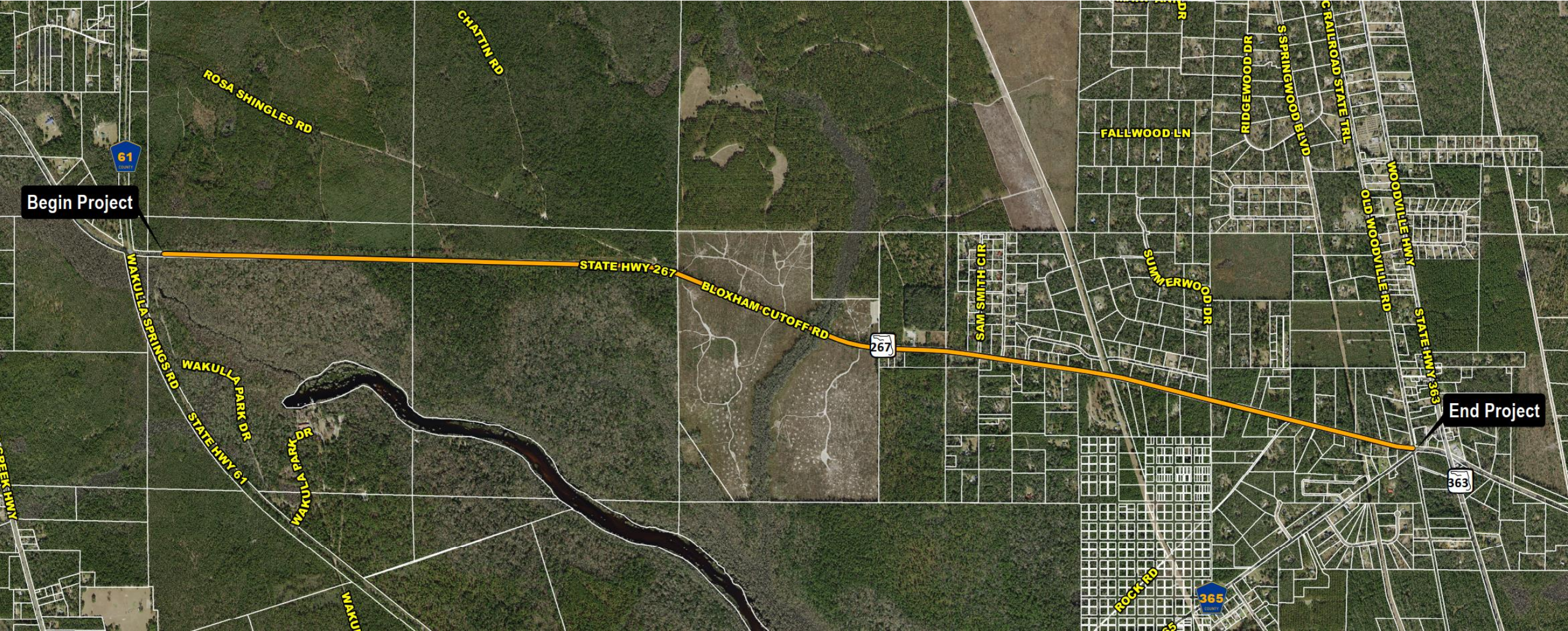
- Wakulla Springs UMP
- Mapping Data
- Alternatives
- Typical Section
- Intersection Analysis
- Bridge over McBride Slough
- Stakeholders
- Schedule



## Discussion



# SR 267 (BLOXHAM CUTOFF ROAD) TRAIL FEASIBILITY STUDY





# SR 267 (BLOXHAM CUTOFF ROAD) TRAIL FEASIBILITY STUDY



## LOCATION

Connects Edward Ball Wakulla Spring State Park entrance to St. Marks Trail (4.74 miles)



## PURPOSE

Identify & evaluate reasonable alternatives to carry forward to a preferred trail route



## PLANNING CONSISTENCY

Trail connection contained within:

- Capital City to the Sea Trail Plan
- Wakulla Co. Bicycle/Pedestrian & Blueway Master Plan
- Edward Ball Wakulla Springs State Park Unit Management Plan (trail portion along service road)



**Park Entrance**  
**New Traffic Pattern**  
**Multi Use Trail Connection**  
**Bicycle and Pedestrian Improvements**

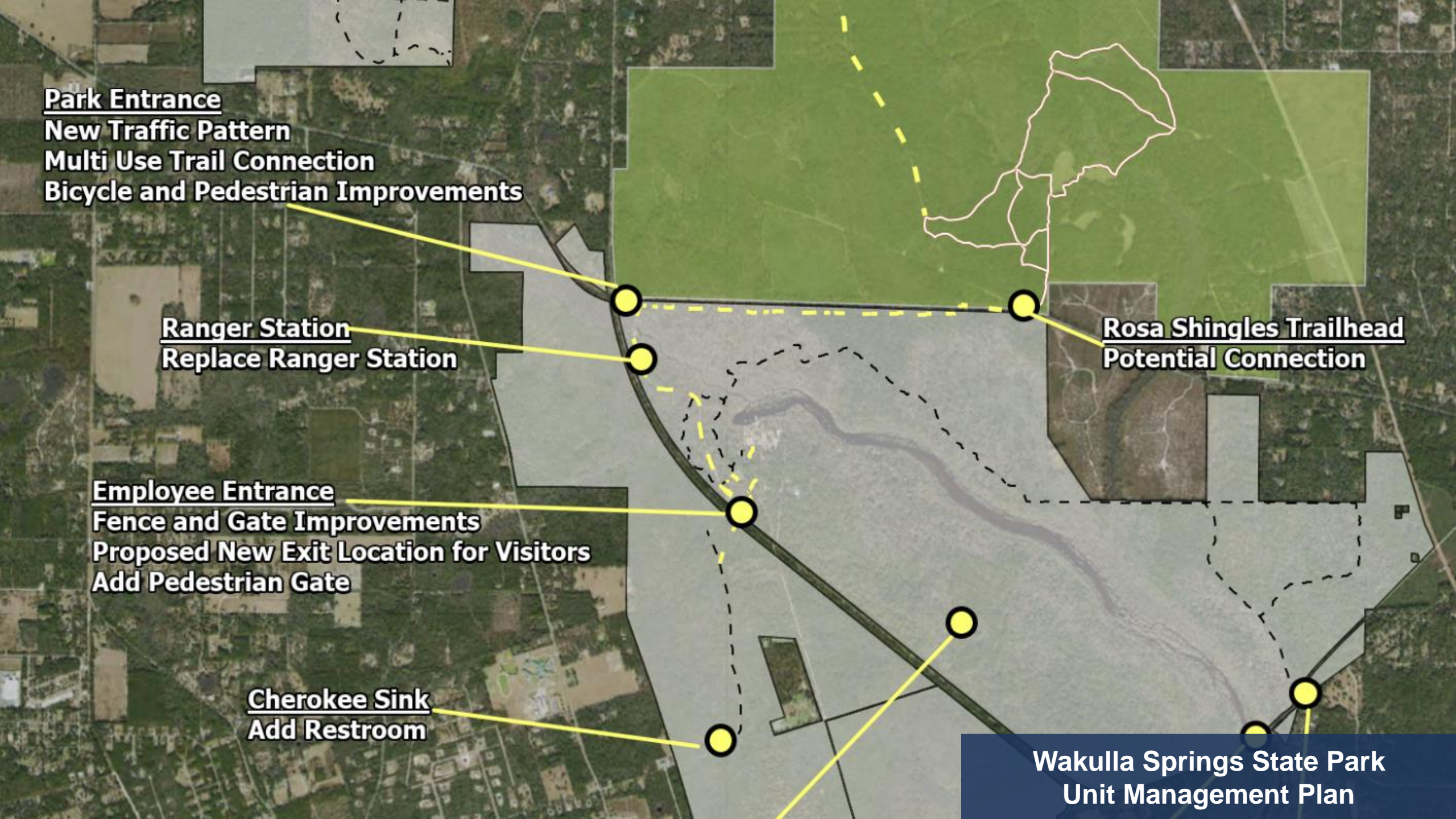
**Ranger Station**  
**Replace Ranger Station**

**Employee Entrance**  
**Fence and Gate Improvements**  
**Proposed New Exit Location for Visitors**  
**Add Pedestrian Gate**

**Cherokee Sink**  
**Add Restroom**

**Rosa Shingles Trailhead**  
**Potential Connection**

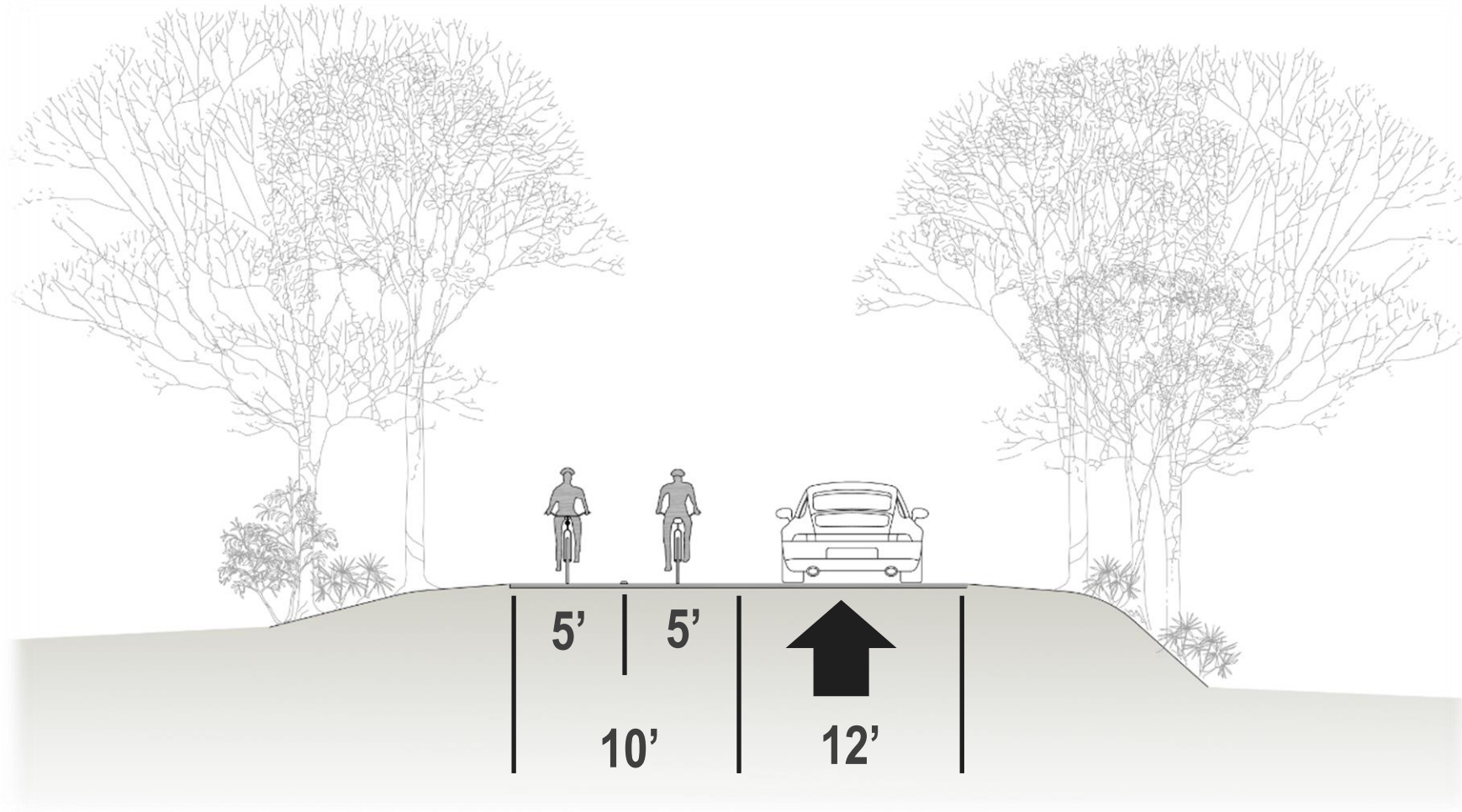
**Wakulla Springs State Park  
Unit Management Plan**







# SR 267 (BLOXHAM CUTOFF ROAD) TRAIL FEASIBILITY STUDY



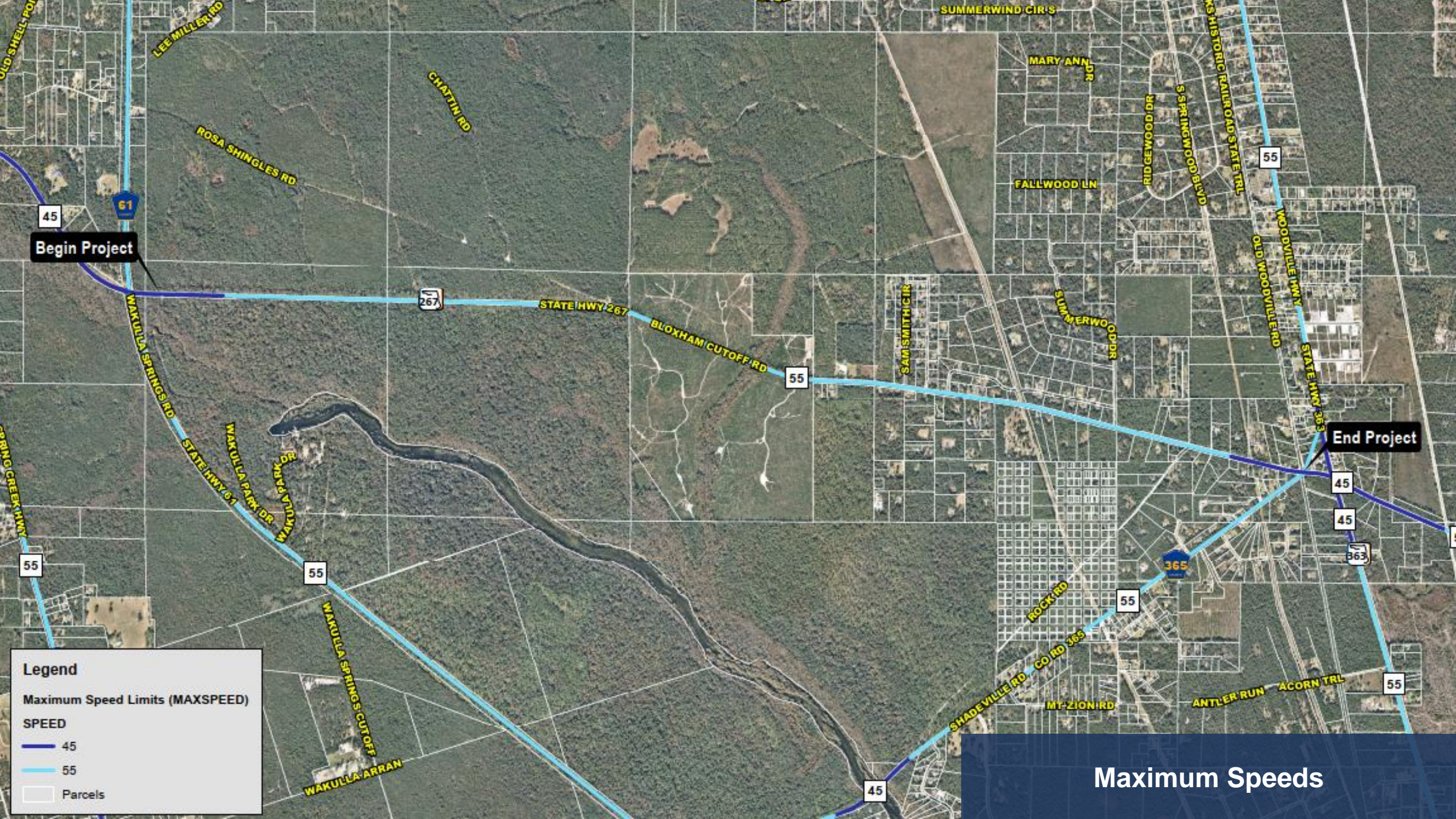


# MAPPING DATA

- Speed limit
- Public lands
- Environmental
  - FEMA flood zones
  - Cultural resources
  - Priority natural resources







Begin Project

End Project

**Legend**

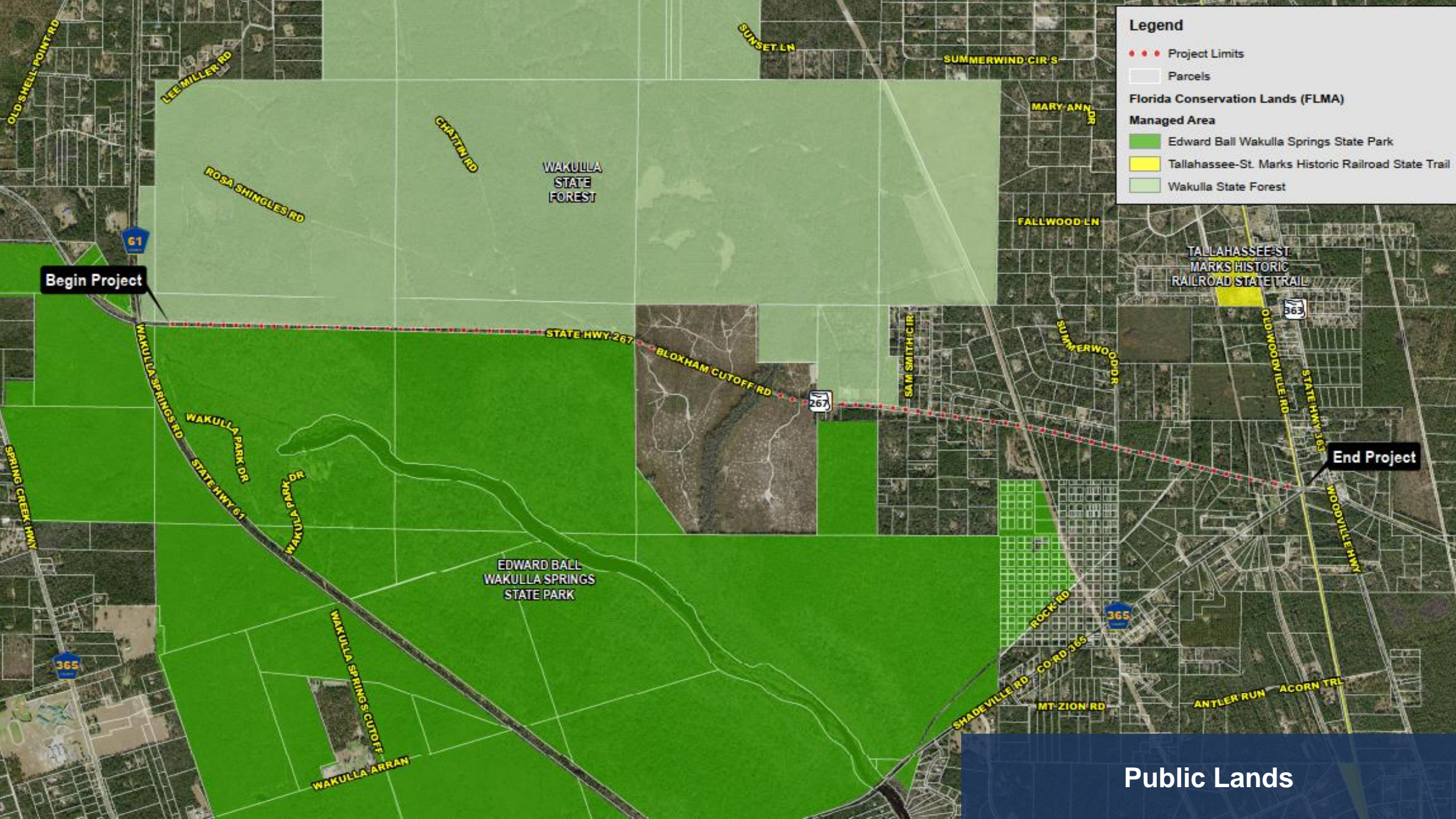
Maximum Speed Limits (MAXSPEED)

SPEED

- 45
- 55
- Parcels

Maximum Speeds





### Legend

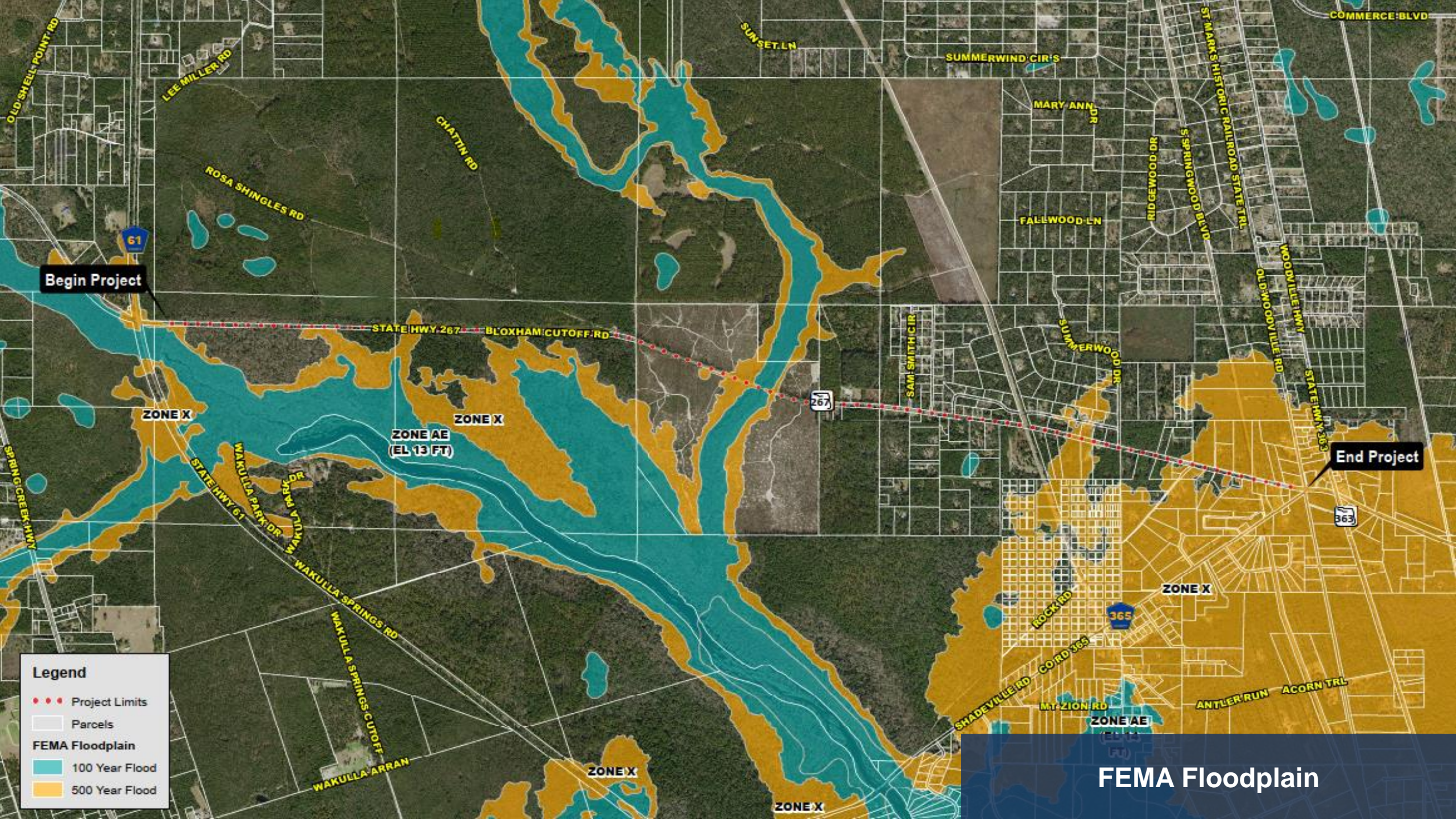
- ● ● Project Limits
- ▭ Parcels
- Florida Conservation Lands (FLMA)**
- Managed Area**
- Edward Ball Wakulla Springs State Park
- Tallahassee-St. Marks Historic Railroad State Trail
- Wakulla State Forest

Begin Project

End Project

Public Lands





Begin Project

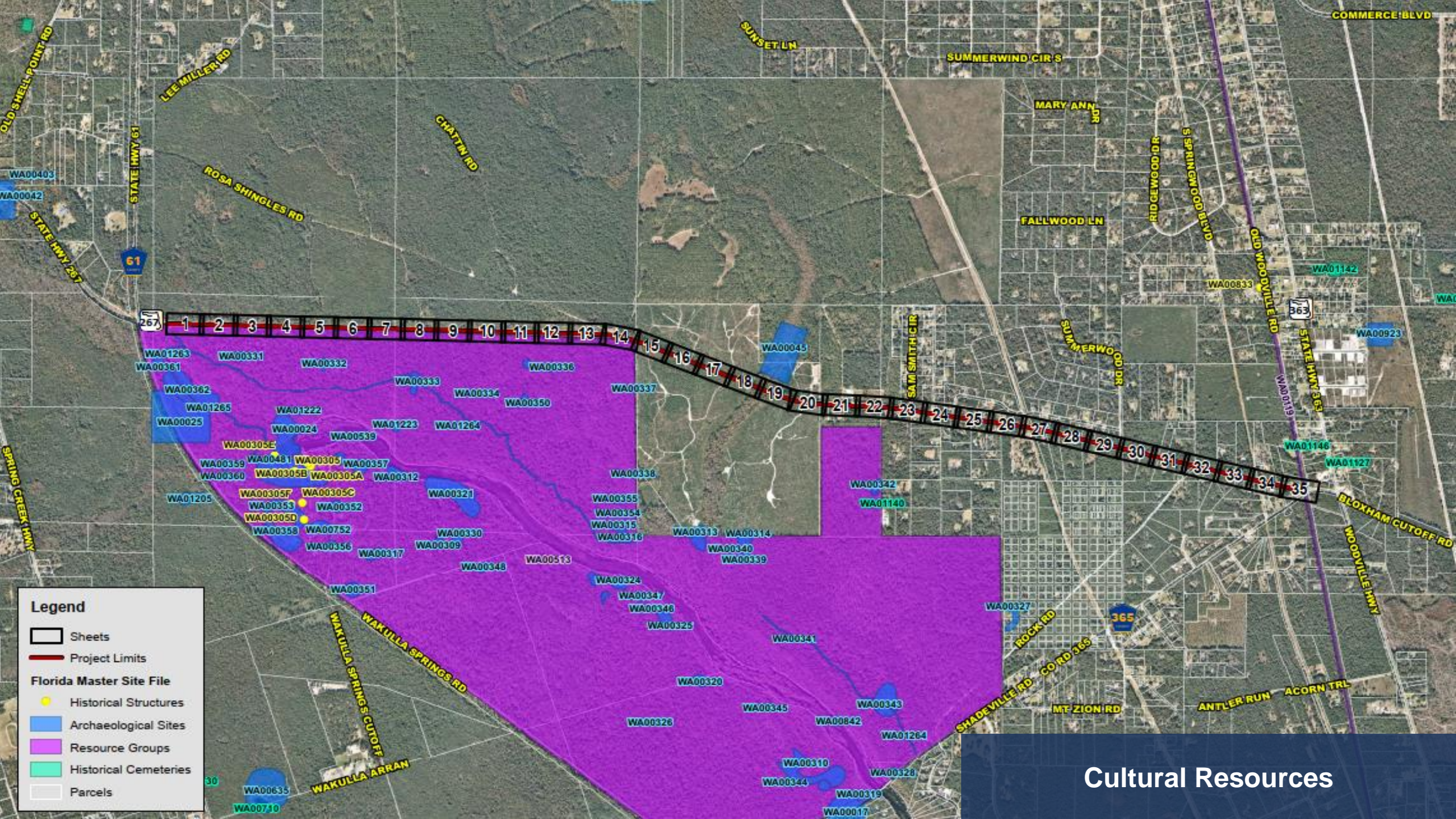
End Project

**Legend**

- Project Limits
- Parcels
- FEMA Floodplain
  - 100 Year Flood
  - 500 Year Flood

FEMA Floodplain





**Legend**

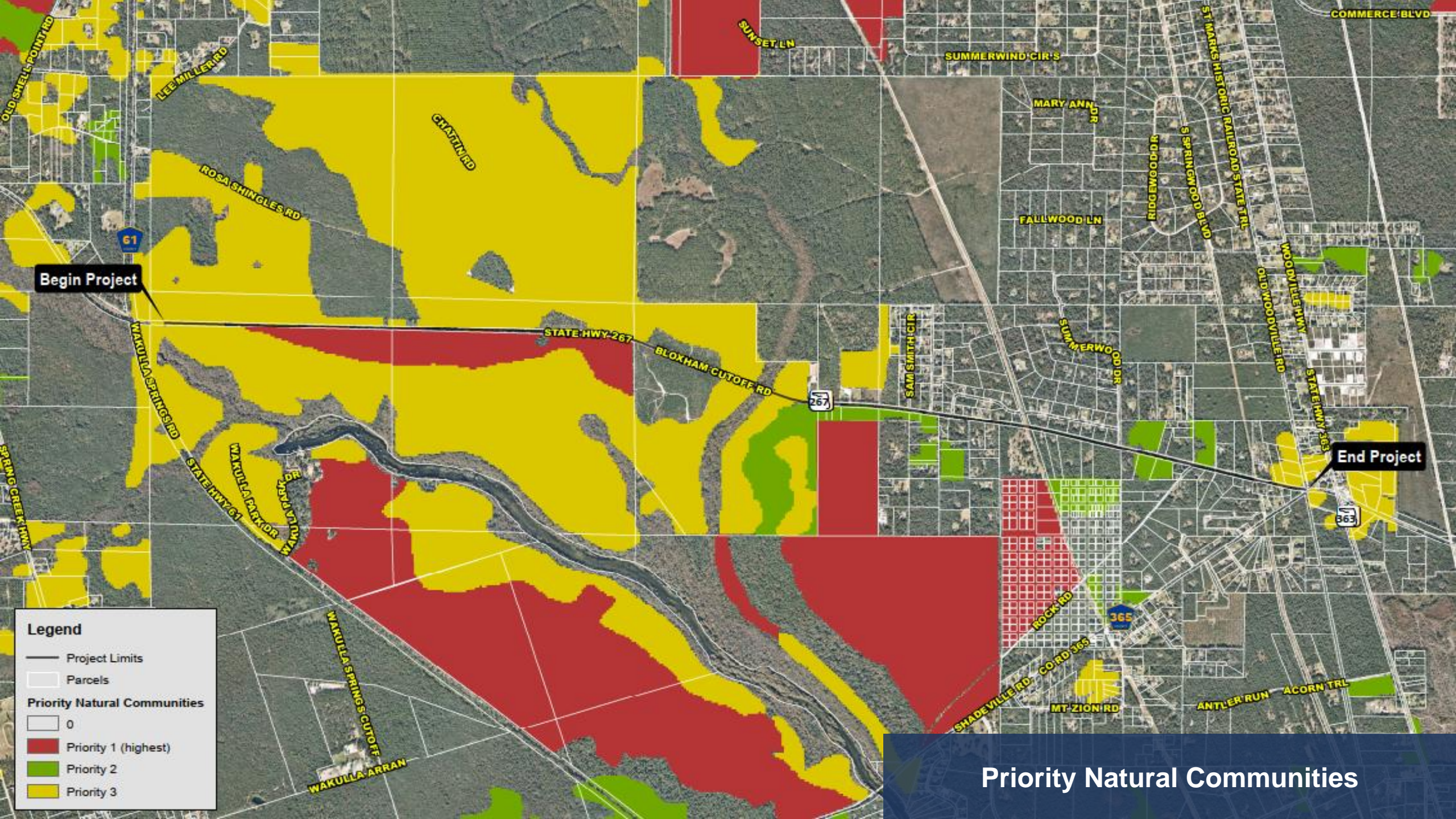
- Sheets
- Project Limits

**Florida Master Site File**

- Historical Structures
- Archaeological Sites
- Resource Groups
- Historical Cemeteries
- Parcels

# Cultural Resources





**Legend**

- Project Limits
- Parcels
- Priority Natural Communities**
- 0
- Priority 1 (highest)
- Priority 2
- Priority 3

**Priority Natural Communities**



# ALTERNATIVES

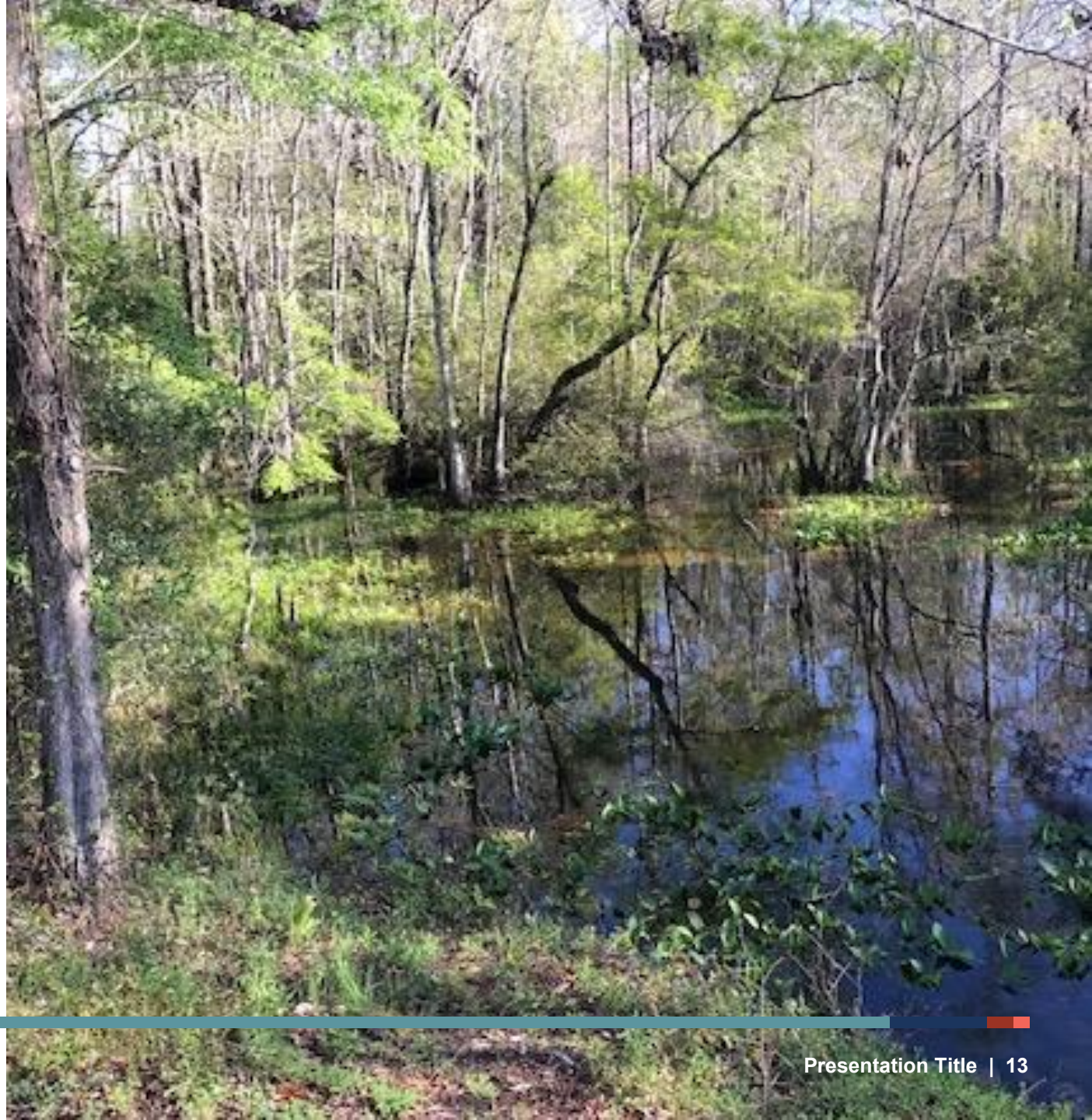
## ■ Alternatives

- Alternative 1 – North Side
- Alternative 2 – South Side
- Alternative 3 – North Side (Off System)
- Alternative 4 – South Side (Off System)

## ■ Typical Section

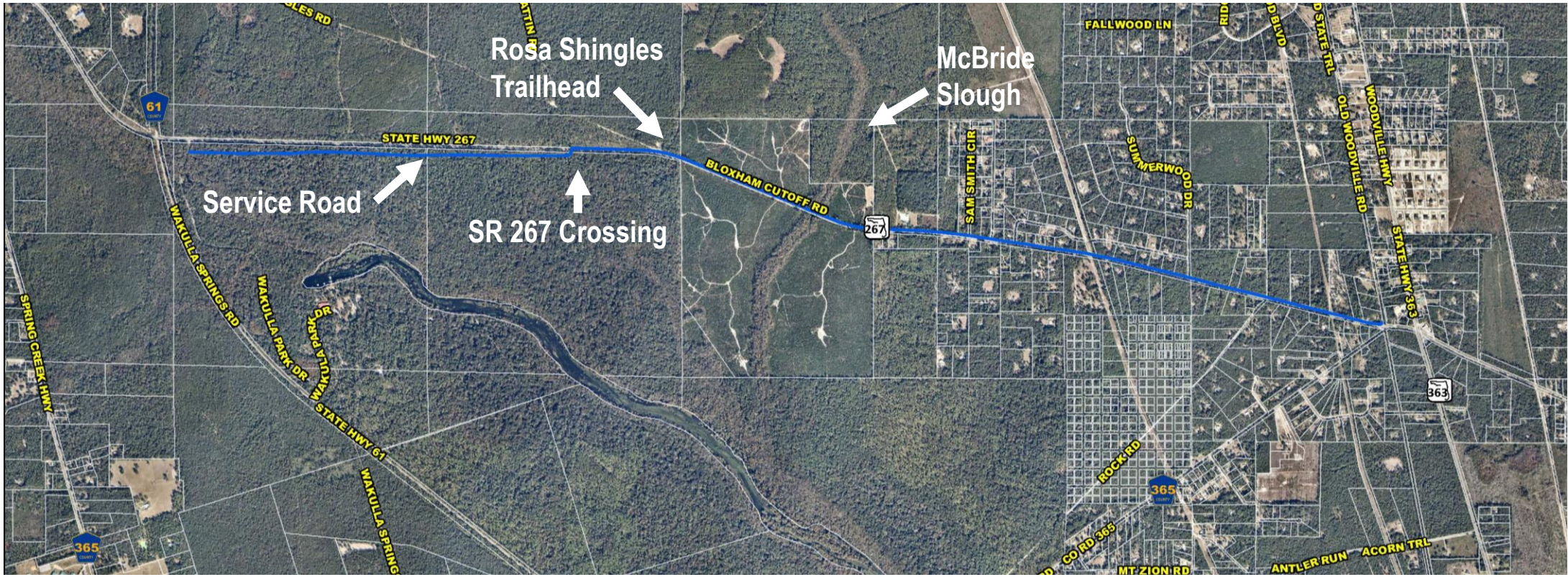
## ■ Intersection Safety Analysis

- Concept 1 – Plus Intersection
- Concept 2 – Roundabout
- FDOT Design from Resurfacing Project





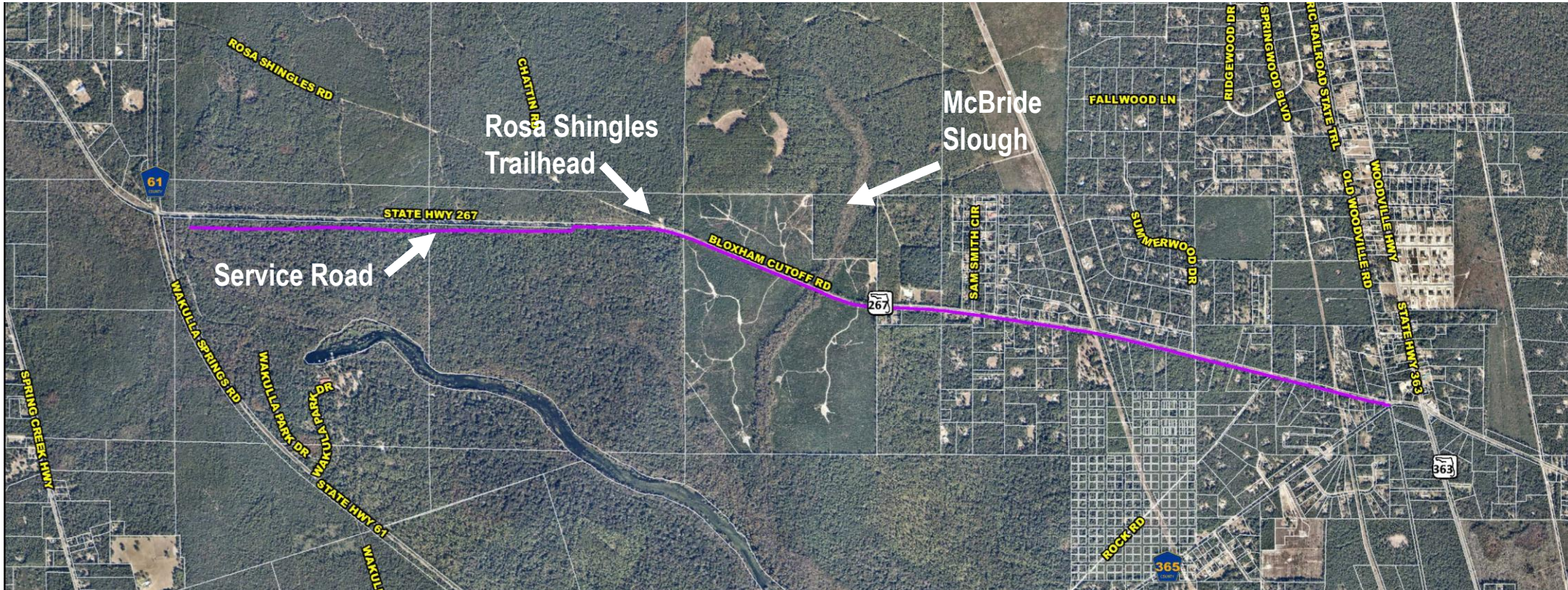
# ALTERNATIVE 1 – NORTH SIDE



- Length: 4.8 miles
- 11 driveway connections/One Business (Anytime Electric)
- Connection to Rosa Shingles Trailhead/Wakulla WMA
- Five Roadway Crossings: SR-267, Page Oliver Rd., Summerwood Dr., Sharonwood Dr., Sam Smith Cir.
- Right-of-Way: FDOT and Wakulla Springs State Park
- Tree impacts (clearing required), Limited Shade



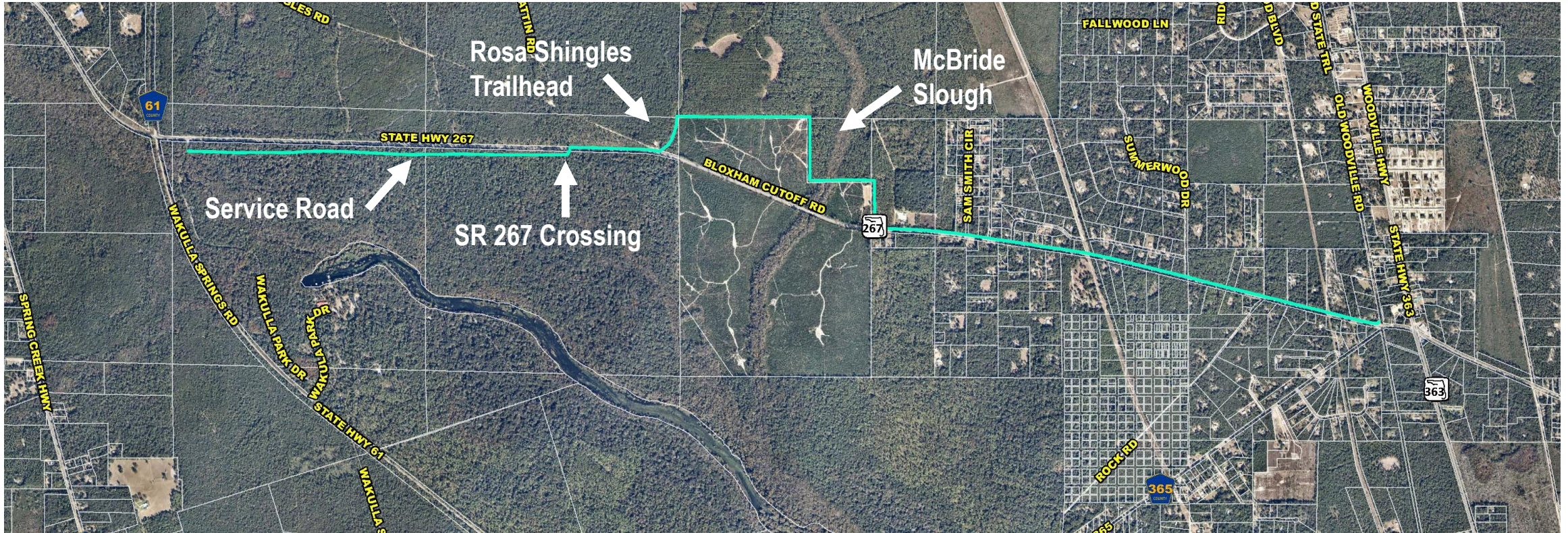
# ALTERNATIVE 2 – SOUTH SIDE



- Length: 4.8 miles
- 23 driveway connections/One Business (Animal Hospital)
- No Connection to Rosa Shingles Trailhead/Wakulla WMA
- Four Roadway Crossings: Shadeville Rd., Rock Rd., Canopy Ln, Old Nails Rd.
- Right-of-Way: FDOT and Wakulla Springs State Park
- Follows overhead utilities – Shade in Afternoon



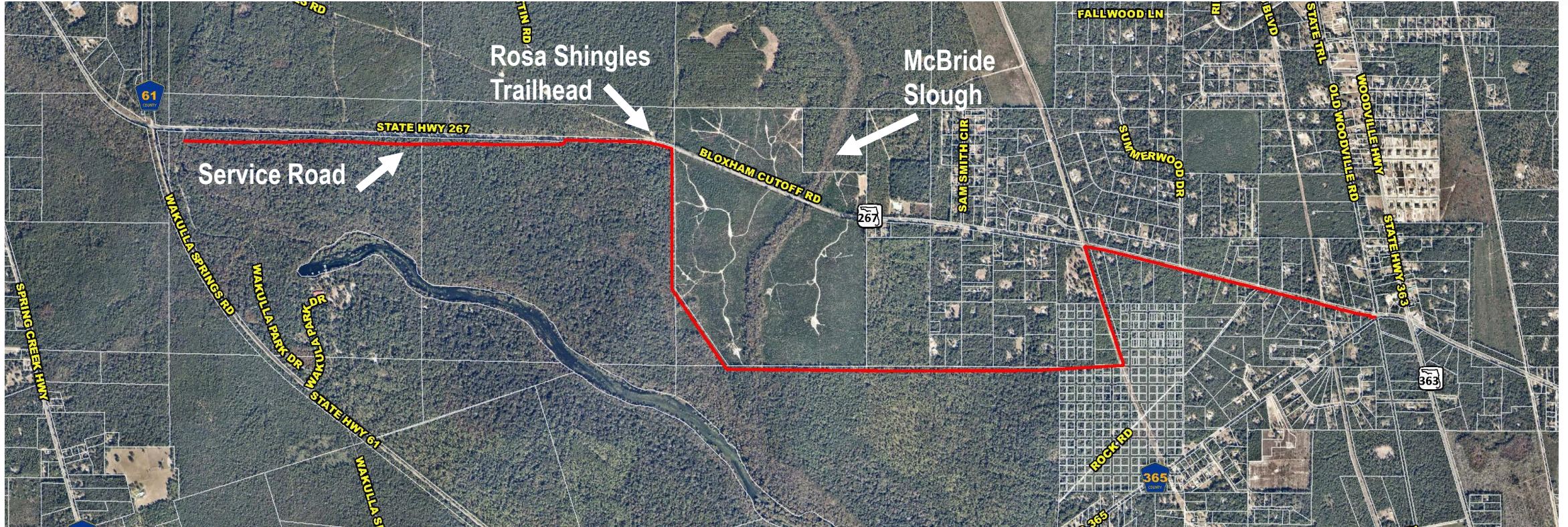
# ALTERNATIVE 3 – NORTH SIDE (OFF SYSTEM)



- Length: 5.2 miles
- 11 driveway connections/One Business (Anytime Electric)
- Connection to Rosa Shingles Trailhead/ Wakulla WMA
- Five Roadway Crossings: SR-267, Page Oliver Rd., Summerwood Dr., Sharonwood Dr., Sam Smith Cir.
- Right-of-Way: FDOT, Wakulla Springs State Park & FDACS
- Not Supported by FDACS, **Removed from further consideration**



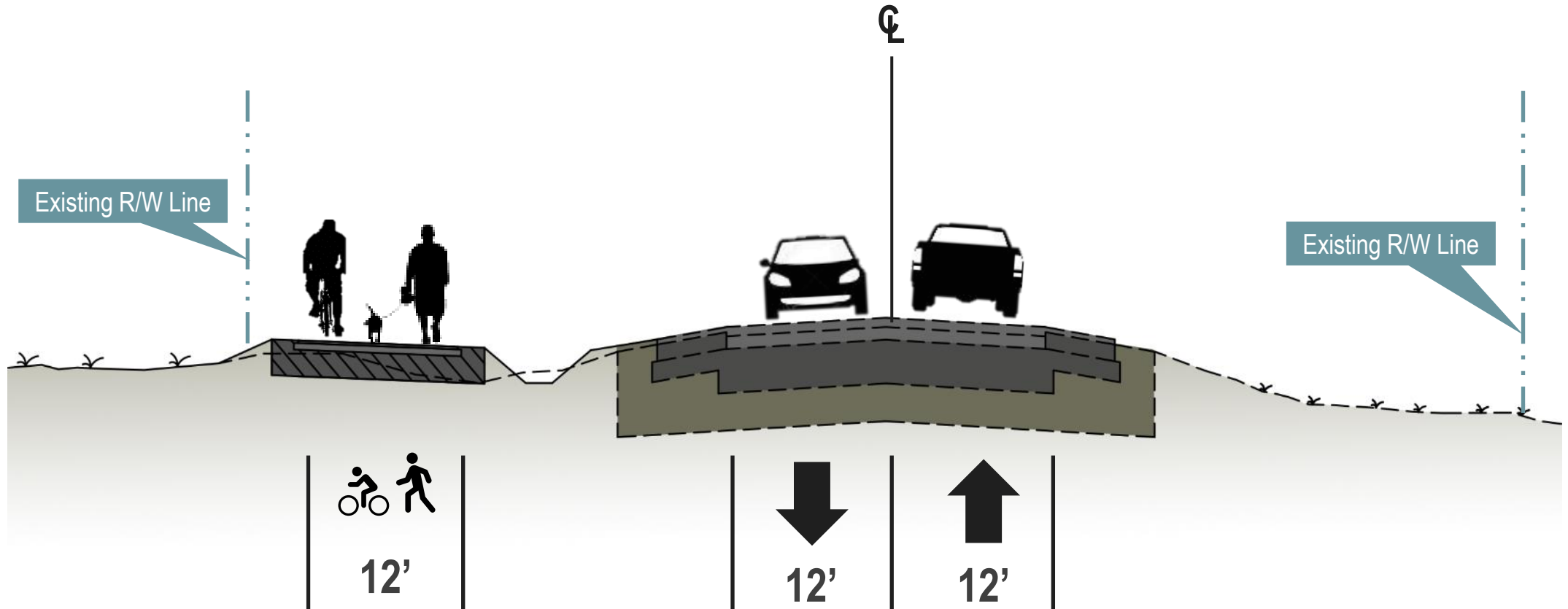
# ALTERNATIVE 4 – SOUTH SIDE (OFF SYSTEM)



- Length: 6.1 miles
- 11 driveway connections/One Business (Animal Hospital)
- No Connection to Rosa Shingles Trailhead/Wakulla WMA
- Two Roadway Crossings: Shadeville Road, Rock Road
- Right-of-Way: FDOT & Wakulla Springs State Park
- Not Supported by Wakulla Springs State Park, **Removed from further consideration**



# TYPICAL SECTION











NO  
MOTOR  
VEHICLES

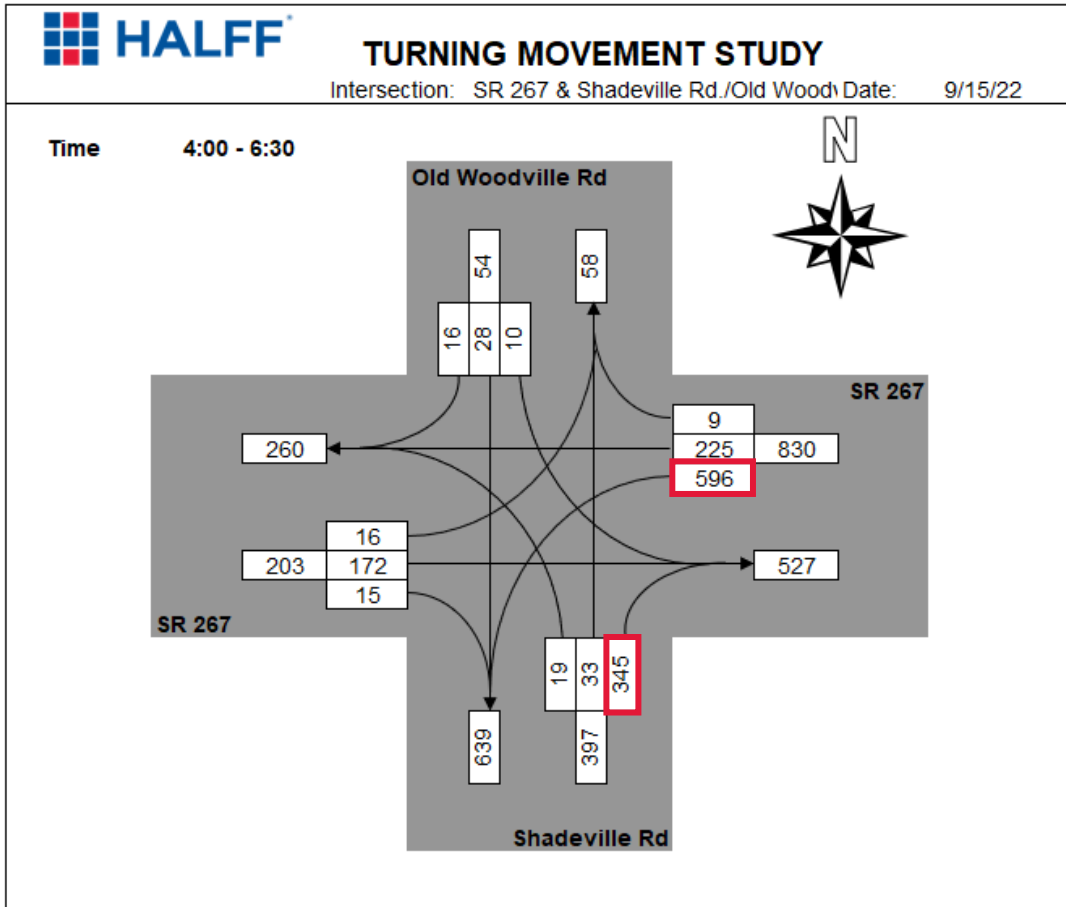
DAYLIGHT  
USE  
ONLY







# INTERSECTION COUNTS







EXIST. R/W

STATE HWY 267

CR 365

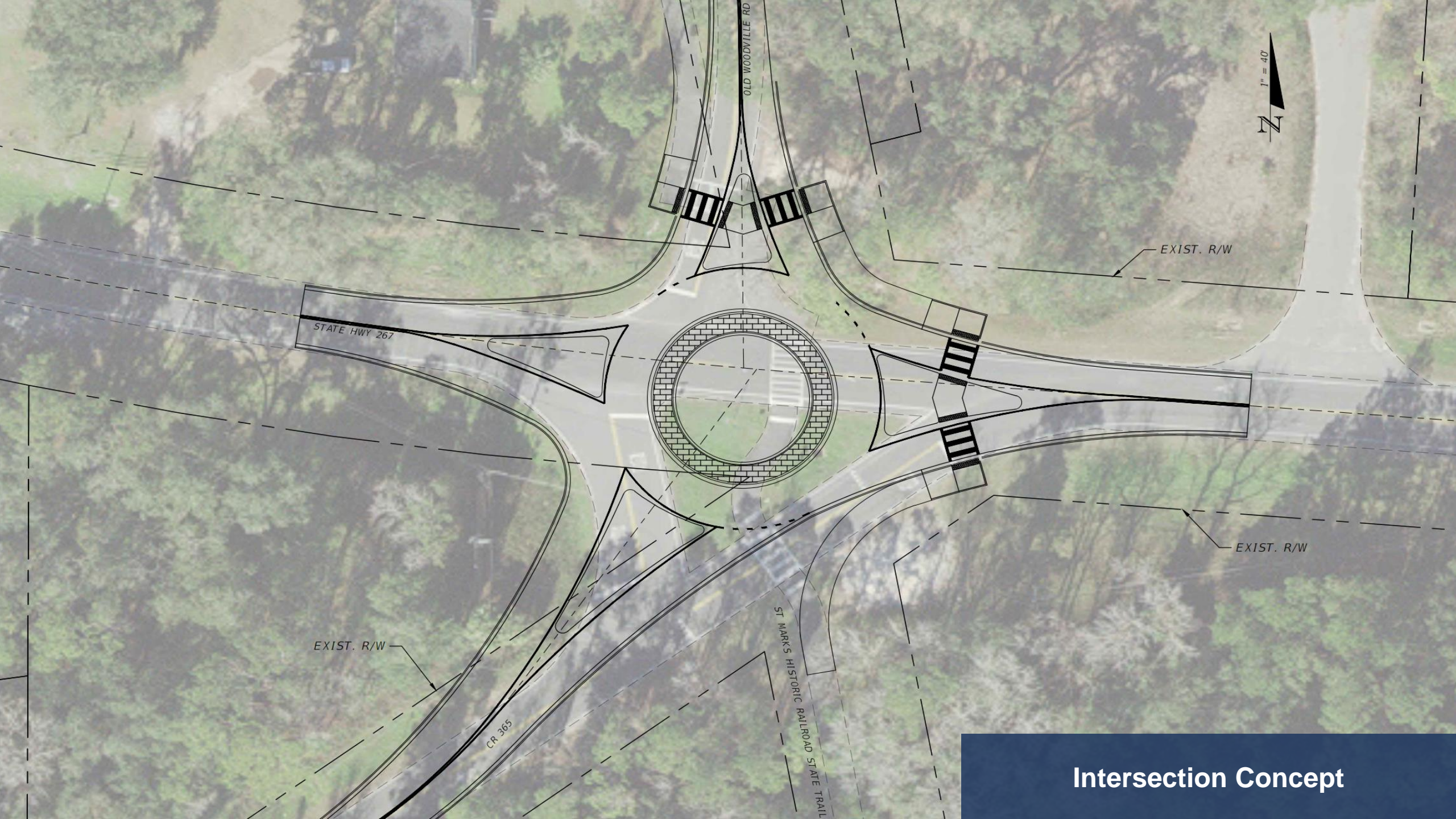
ST MARKS HISTORIC RAILROAD STATE TRAIL

EXIST. R/W

EXIST. R/W

**Intersection Concept**





EXIST. R/W

EXIST. R/W

EXIST. R/W

STATE HWY 267

OLD WOODVILLE RD

CR 365

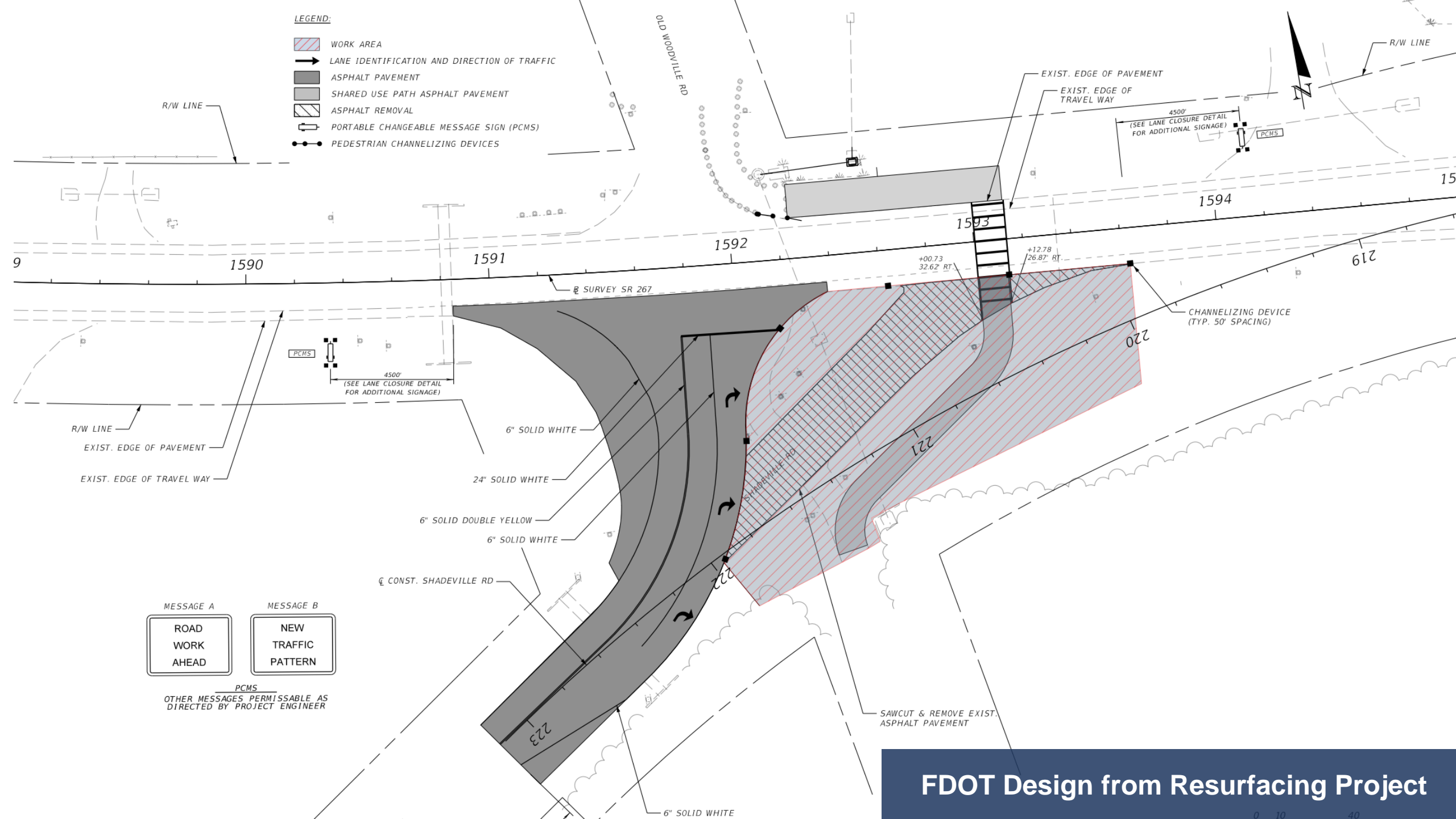
ST MARK'S HISTORIC RAILROAD STATE TRAIL

**Intersection Concept**



LEGEND:

- WORK AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- ASPHALT PAVEMENT
- SHARED USE PATH ASPHALT PAVEMENT
- ASPHALT REMOVAL
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- PEDESTRIAN CHANNELIZING DEVICES



MESSAGE A  
ROAD  
WORK  
AHEAD

MESSAGE B  
NEW  
TRAFFIC  
PATTERN

PCMS  
OTHER MESSAGES PERMISSIBLE AS  
DIRECTED BY PROJECT ENGINEER

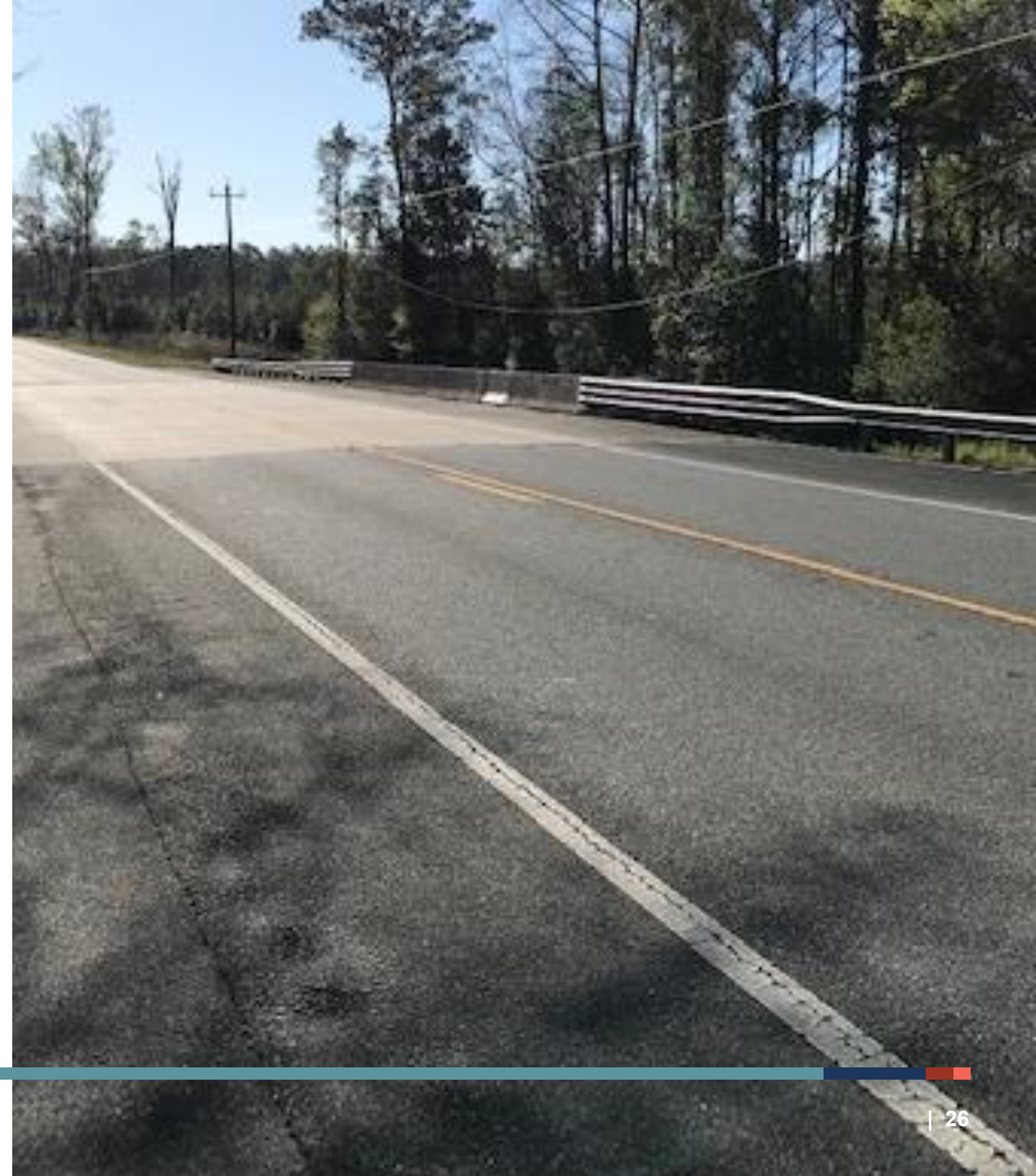
**FDOT Design from Resurfacing Project**



# SR 267 OVER MCBRIDE SLOUGH (STRUCTURE #590023)



- Total length: 75.1 ft.
- Deck width edge to edge: 47.2 ft.
- Year built: 1964
- Year reconstructed: 1989
- Historic significance: bridge is not eligible for NRHP
- ADT: 2,300
- Truck traffic: 15% of total traffic
- Deck condition: good (7 out of 9)
- Superstructure condition: good (7 out of 10)
- Substructure condition: good (7 out of 10)
- Sufficiency Rating: 97.2 (Inspection 5/2018)





# TRAIL CROSSING OPTIONS OVER MCBRIDE SLOUGH

1



CONSTRUCT NEW BRIDGE

2



USE SHOULDER FOR TRAIL CROSSING



# STAKEHOLDERS

- FDACS – Florida Forestry Service
- Wakulla Springs State Park
- Florida Department of Transportation District Three
- Wakulla County
- Friends of Wakulla Springs State Park
- Utility Agency Owners





# SCHEDULE

Project Kickoff: August 2022 | Project Completion: July 2023

TASK	2022					2023						
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
<b>1. DATA COLLECTION AND MAPPING</b> Deliverable: Summary	[Red bar]											
					✓							
<b>2. SITE VISITS</b> Deliverable: Photos & Map Book	[Blue bar]											
					✓							
<b>3. ALTERNATIVE TRAIL ANALYSIS</b> Deliverable: Concept Plans and Estimates						[Red bar]						
										✓		
<b>4. EXISTING CONDITIONS REPORT</b> Deliverable: Draft & Final Report						[Blue bar]						
									✓			
<b>5. PROJECT TEAM AND STAKEHOLDER MEETINGS</b> Deliverable: Meeting Materials & Summary Reports	[Red bar]											
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>6. INTERSECTION CONCEPTUAL REVIEW</b> Deliverable: Intersection Analysis Report			[Blue bar]									
					✓							
<b>7. FEASIBILITY STUDY AND DOCUMENTATION</b> Deliverable: Feasibility Study										[Red bar]		
												✓



Virtual or Staff Meetings



Committee Meeting



Public Meeting







# **DISCUSSION QUESTIONS**