

ADMINISTRATIVE ACTION
TYPE 2 CATEGORICAL EXCLUSION

Florida Department of Transportation

SR 70 FROM LONESOME ISLAND RD TO SOUTHERN LEG OF CR 721

District: FDOT District 1

County: Highlands County

ETDM Number: 14490

Financial Management Number: 449851-1-22-01

Federal-Aid Project Number: D123-016-B

Project Manager: Kathern Cothern

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

This action has been determined to be a Categorical Exclusion, which meets the definition contained in 23 CFR 771.115(b), and based on past experience with similar actions and supported by this analysis, does not involve significant environmental impacts.

Signature below constitutes Location and Design Concept Acceptance:



June 11, 2026

Director Office of Environmental Management
Florida Department of Transportation

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This document was prepared in accordance with the FDOT PD&E Manual.

This project has been developed without regard to race, color or national origin, age, sex, religion, disability or family status (Title VI of the Civil Rights Act of 1964, as amended).

On [03/01/2023](#) the State of Florida determined that this project is consistent with the Florida Coastal Zone Management Program.

Table of Contents

1. Project Information	1
1.1 Project Description	1
1.2 Purpose and Need	6
1.3 Planning Consistency	8
2. Environmental Analysis Summary	10
3. Community Effects	11
3.1 Social	11
3.2 Economic	12
3.3 Land Use Changes	12
3.4 Mobility	13
3.5 Aesthetic Effects	14
3.6 Relocation Potential	14
3.7 Farmland Resources	14
4. Cultural Resources	15
4.1 Section 106 of the National Historic Preservation Act	15
4.2 Section 4(f) of the USDOT Act of 1966, as amended	16
4.3 Section 6(f) of the Land and Water Conservation Fund Act of 1965	16
4.4 Recreational Areas and Protected Lands	16
5. Natural Resources	17
5.1 Protected Species and Habitat	17
5.2 Wetlands and Other Surface Waters	22
5.3 Essential Fish Habitat (EFH)	23
5.4 Floodplains	23
5.5 Sole Source Aquifer	23
5.6 Water Resources	24
5.7 Aquatic Preserves	25
5.8 Outstanding Florida Waters	25
5.9 Wild and Scenic Rivers	25

5.10 Coastal Barrier Resources 25

6. Physical Resources 26

6.1 Highway Traffic Noise 26

6.2 Air Quality 26

6.3 Contamination 27

6.4 Utilities and Railroads 28

6.5 Construction 29

7. Engineering Analysis Support 31

8. Permits 32

9. Public Involvement 33

10. Commitments Summary 35

11. Technical Materials 37

Attachments 38

1. Project Information

1.1 Project Description

This roadway project proposes the widening of a two-lane facility to a four-lane, divided facility along 7.6 miles of State Road (S.R.) 70 from Lonesome Island Road to the southern leg of County Road (C.R.) 721 in Highlands County. Improvements will include widening the roadway to a four-lane divided facility with a 40-foot wide median and a 12-foot wide shared use path on the south side to accommodate bicycles and pedestrians. Travel lane widths will be widened from 10 feet to 12 feet as part of the project. The project also includes construction of stormwater management facilities (SMF) and floodplain compensation (FPC) sites. The project site is located within Sections 34-36 of Township 37 South and Range 31 East and Sections 31-35 of Township 37 South and Range 32 East. A project location map is provided in **Figure 1-1**.

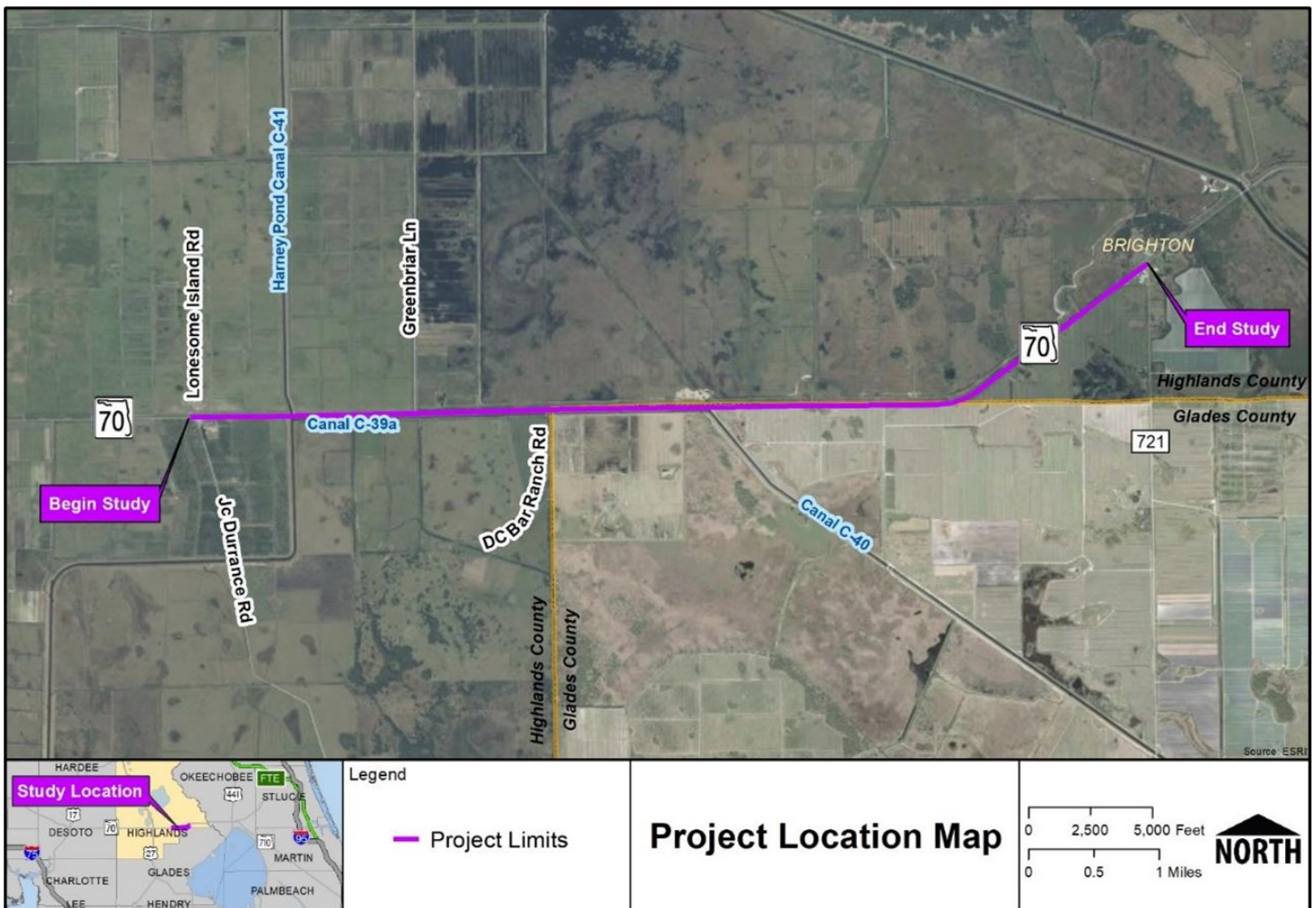


Figure 1-1: Project Location Map

Existing Conditions

S.R. 70 is part of Florida's Strategic Intermodal System (SIS) highway network and designated state hurricane evacuation route network. As part of the National Highway System, S.R. 70 is critical in the transportation network as it facilitates local and regional traffic and the movement of goods/freight. S.R. 70 is functionally classified as "Rural Principal Arterial -

Other" within the project area, and the project segment of the roadway has an existing context classification of C2-Rural.

The existing typical section consists of a two-lane undivided facility with 10-foot travel lanes. There are 8-foot shoulders, four (4) feet of which are paved; however, there are no designated bicycle lanes or sidewalks present on either side of the existing roadway. The posted speed limit along the project corridor is 60 miles per hour (mph). The existing right-of-way (ROW) width along S.R. 70 project segment varies from 50 feet to 70 feet. A deep canal runs intermittently along the southern border of the project limits. The existing roadway typical sections are shown as **Figure 1-2** and **Figure 1-3**.

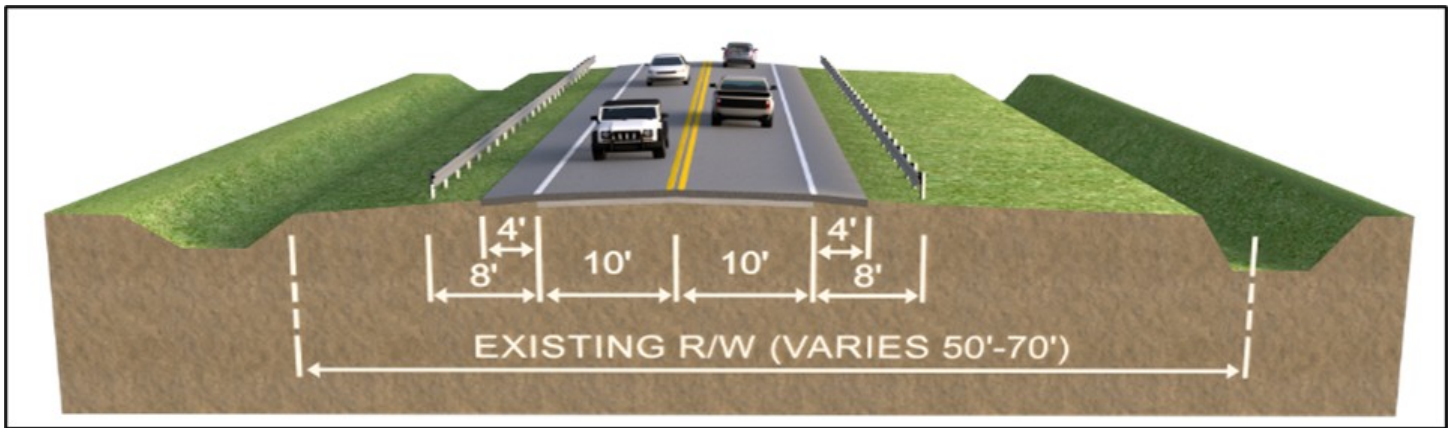


Figure 1-2: Existing S.R. 70 Typical Section from Lonesome Island Road (Begin Project) to Harney Pond Canal C-41 and From Indian Prairie Canal C-40 to C.R. 721 (End Project)

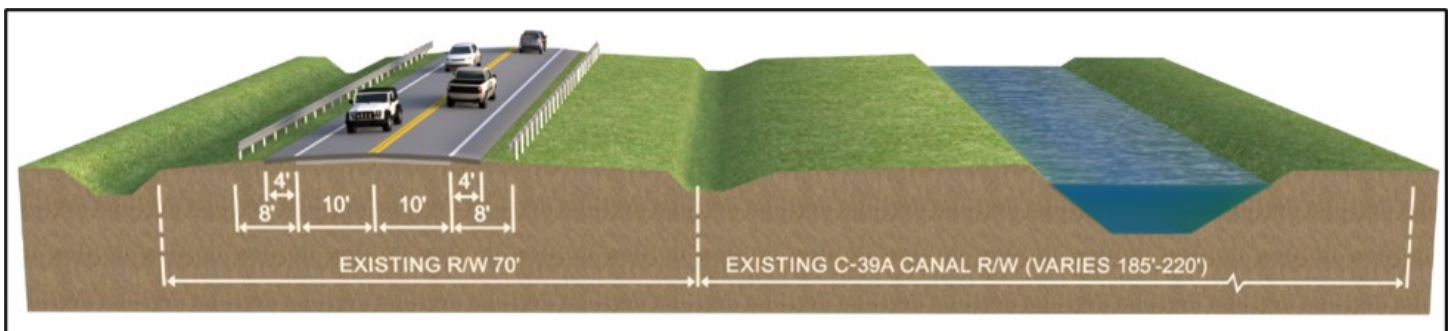


Figure 1-3: Existing S.R. 70 Typical Section from Harney Pond Canal C-41 to Indian Prairie Canal C-40

Preferred Alternative

The Preferred Alternative includes widening the existing two-lane undivided rural arterial to a four-lane divided arterial with a 40-foot grass median throughout the project limits. Full paved shoulders and drainage ditches are proposed on the outside and a 12-foot-wide shared use path is proposed along the south side of the road for bicycles and pedestrians.

This project was coordinated to match the proposed typical section for the widening of S.R. 70 for the project to the west (approved PD&E study for Financial Project Identification Number [FPID]: 414506-5-22-01) that is currently in the design phase. That project transitioned from the proposed 4-lane divided section with widening to the south side of S.R. 70 to match the existing 2-lane roadway near Lonesome Island Road. Since that project is further along in the development process than this project, it is assumed that FPID 414506-5-22-01 may be constructed prior to this project, including the transition to 2-lanes. That transition to 2-lanes will be removed with this project and the 4-lane section constructed as shown in the Concept Plans in **Appendix A** of the *Preliminary Engineering Report*, shifting the beginning of construction for this project west of Lonesome Island Road. The proposed widening of S.R. 70 for this project near the intersection with Lonesome Island Road is proposed to be shifted to the north (as opposed to widening to the south under project 414506-

5) before reaching the bridge crossing over the South Florida Water Management District (SFWMD) Harney Pond Canal (C-41) to avoid impacts to the C-39A Canal on the south side of S.R. 70 east of C-41 Canal and a proposed solar farm development on property owned by FPL on the south side of S.R. 70 just west of the C-41 canal. This transition change has been coordinated with FPID 414506-5-22-01.

The proposed typical sections are shown on **Figure 1-4** and **Figure 1-5** from the western limits of the project, where the widening is to the south of the existing roadway for FPID 414506-5-22-01 to where the widening shifts to the north of the existing roadway at Lonesome Island Road and to the Harney Pond Canal (C-41).

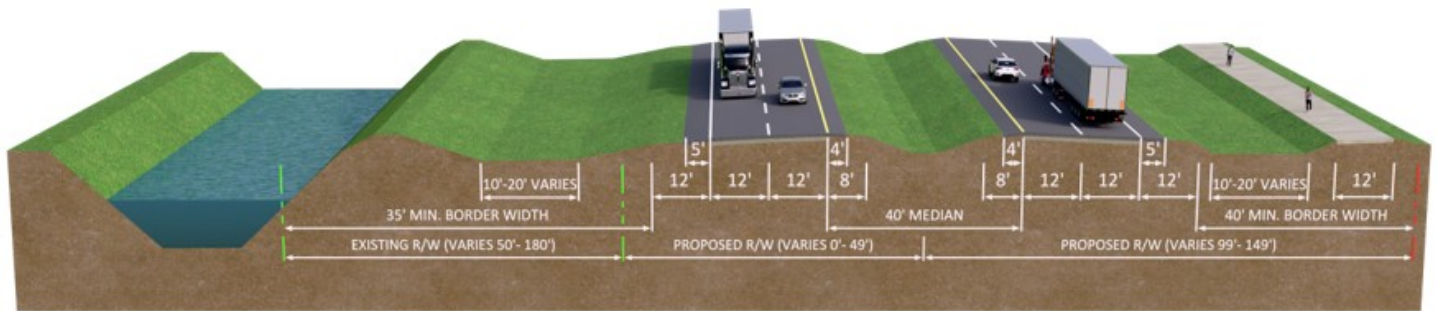


Figure 1-4: Preferred Alternative Roadway Typical Section: For FPID 414506-5-22-01 Showing Widening to the South; Also Approximately 1500 feet East of Indian Prairie Canal (C-40) to Approximately One-Half Mile West of C.R. 721

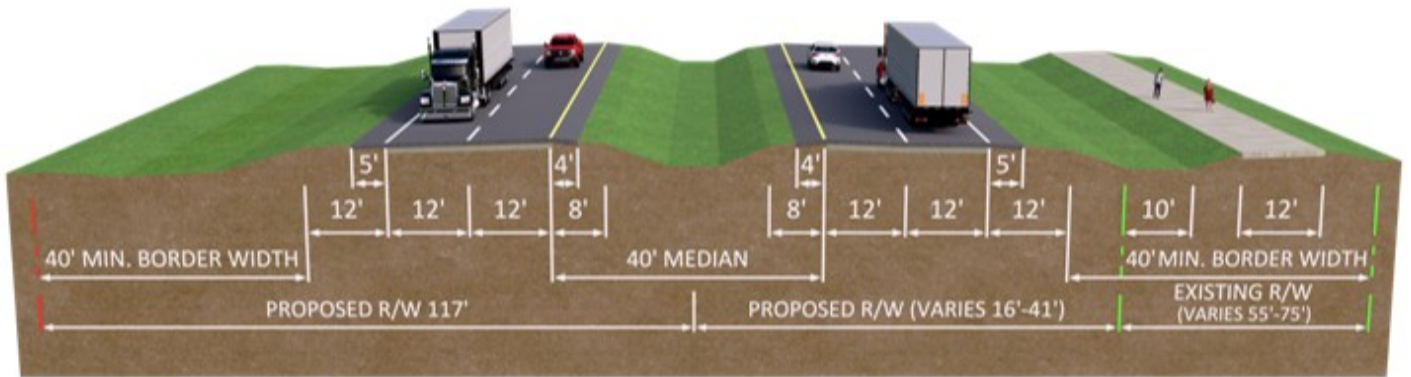


Figure 1-5: Preferred Alternative Roadway Typical Section: Lonesome Island Road to Harney Pond Canal C-41; also Indian Prairie Canal C-40 to Approximately 1500 feet East of Canal C-40

Moving east, the proposed alignment continues east with widening to the north side of existing S.R. 70 pavement as it traverses the Harney Pond Canal (C-41) and follows immediately north of and parallel to the C-39A canal as shown on **Figure 1-6**. The alignment remains to the north across the Indian Prairie Canal (C-40).

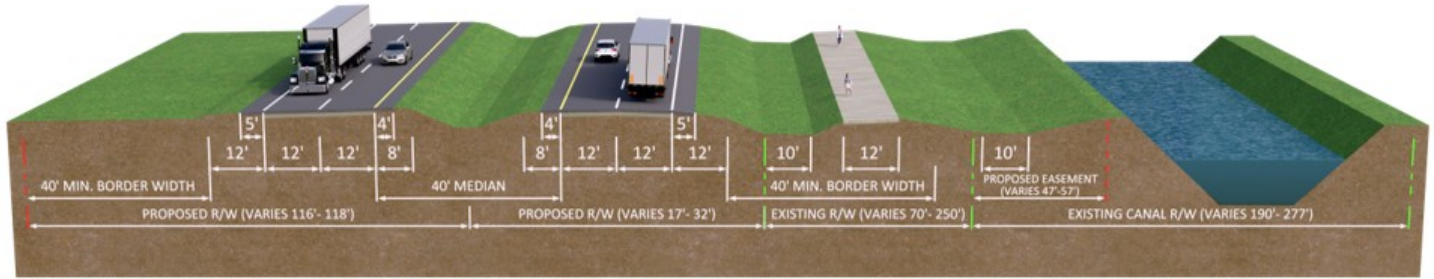


Figure 1-6: Preferred Alternative Roadway Typical Section: Harney Pond Canal C-41 to Indian Prairie Canal C-40

From the Indian Prairie Canal C-40 for approximately 1500 feet, the northern widening follows as shown in **Figure 1-5**. Continuing east towards C.R. 721, the alignment shifts back to the south side of existing S.R. 70 as shown previously in **Figure 1-4** to avoid impacts to an existing gas pipeline and overhead transmission line which are situated north of S.R. 70.

Approaching the Southern leg of C.R. 721, the Preferred Alternative shifts both proposed S.R. 70 eastbound and westbound lanes to the south starting approximately one-half mile west of the existing C.R. 721 intersection avoiding the properties along existing S.R. 70. Access to the properties will be connected to S.R. 70 through access from C.R. 721. The proposed typical section is shown in **Figure 1-7** and the realignment is shown in **Figure 1-8**. This realignment connects to the proposed alignment for the S.R. 70 widening project to the east (FPID 450334-1-22-01).

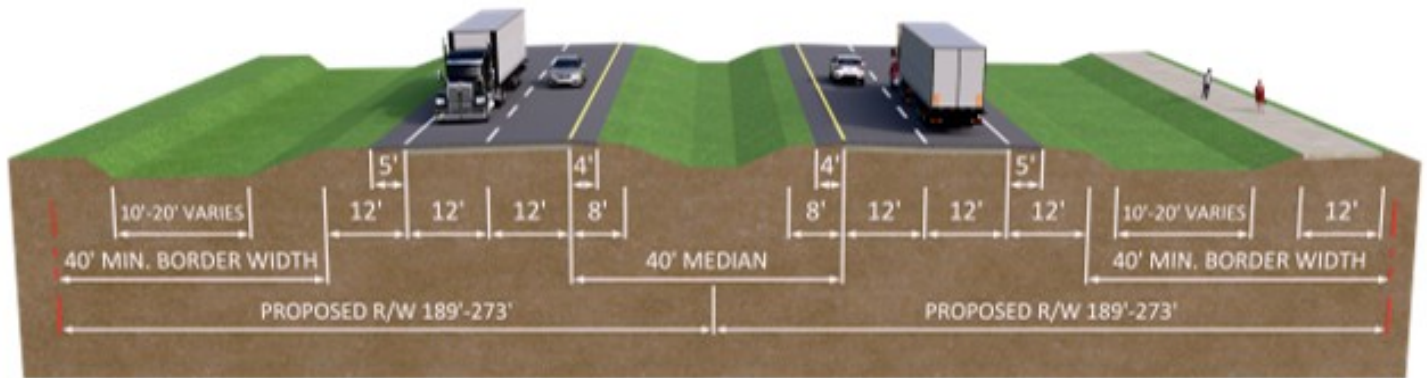


Figure 1-7: Preferred Alternative Roadway Typical Section: Approximately One-Half Mile West of C.R. 721 to C.R. 721

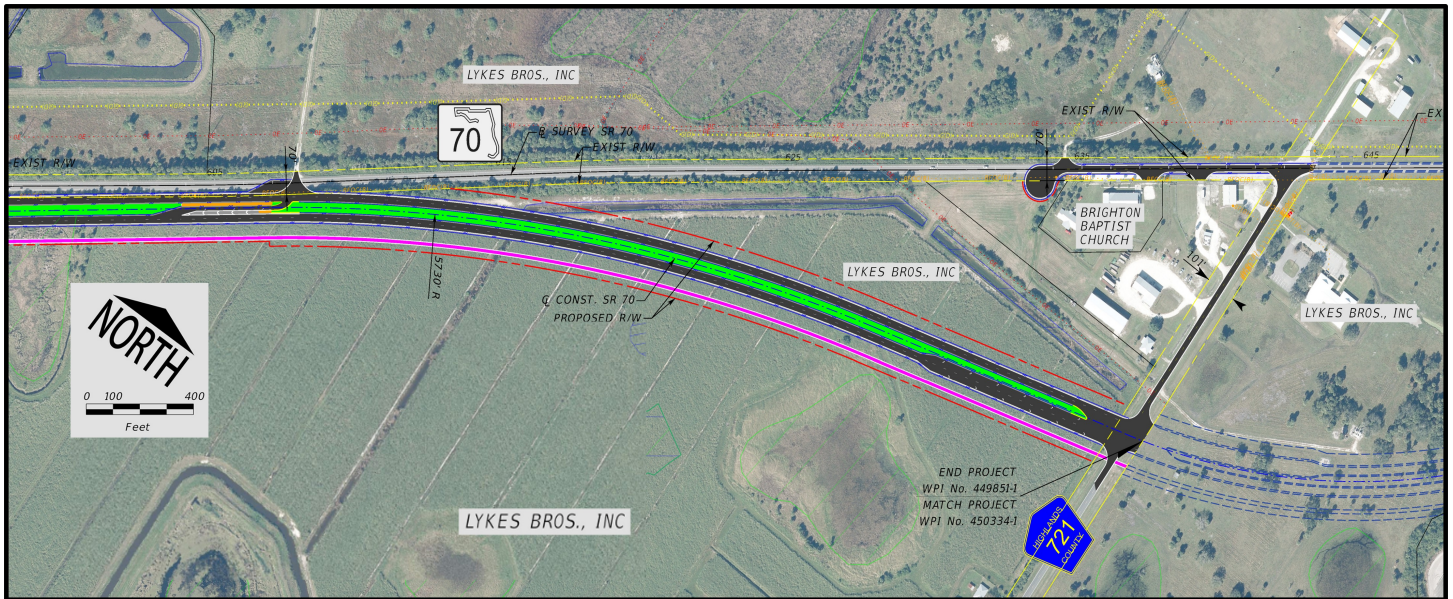


Figure 1-8: C. R. 721 Intersection Realignment

The S. R. 70 bridges over Harney Pond Canal (C-41) shown on **Figure 1-9** and over Indian Prairie Canal (C-40) shown on **Figure 1-10**, will be replaced. The bridges include a 14-foot wide shared use path on the south side. horizontal widening alignments were adjusted to minimize ROW requirements, impacts and costs.

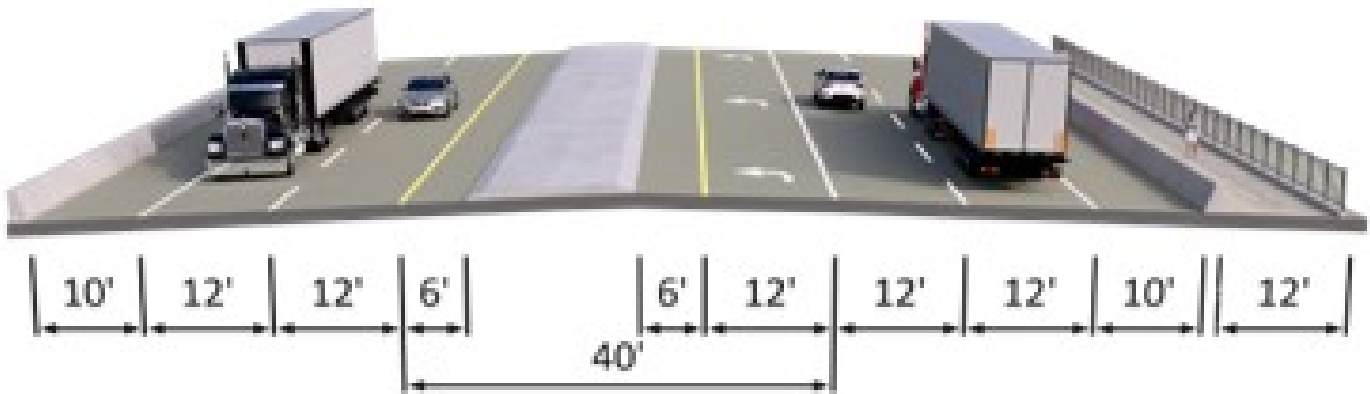


Figure 1-9: Preferred Alternative Bridge Typical Section - S.R. 70 over Harney Pond Canal C-41

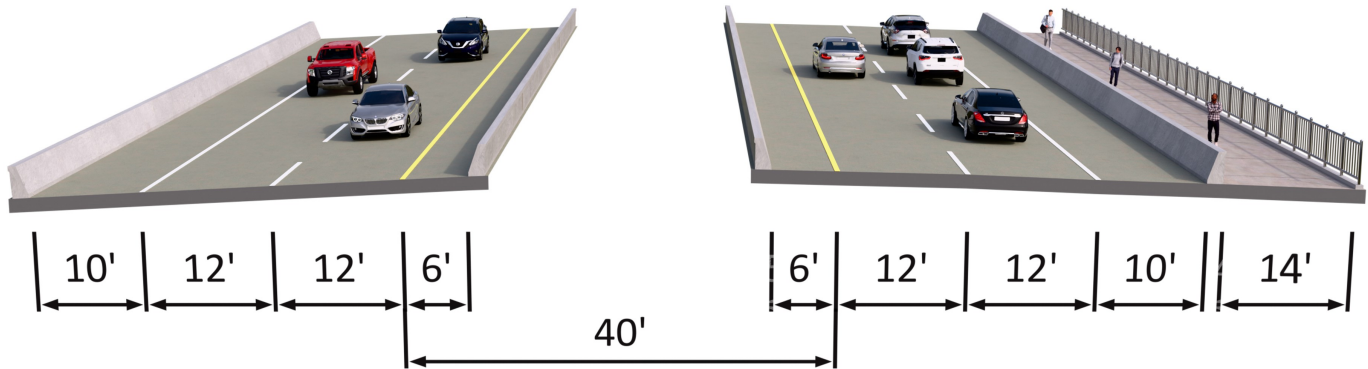


Figure 1-10: Preferred Alternative Bridge Typical Section - S. R. 70 over Indian Prairie Canal C-40

The Preferred Alternative includes construction of six new off-site SMFs designated as SMF 1, 2A, 3A, 4, 5, 6 and linear sites LIN7L and LIN7R within the roadway ROW limits. Six new off-site FPC sites, designated as FPC 1B, 2-3B, 4A, 5A, 6B and 7B are also proposed as part of the Preferred Alternative.

Additional ROW will be required for the Preferred Alternative for roadway widening (183.2 acres) and for off-site SMF and FPC sites (148.5 acres). The total additional ROW is approximately 331.7 acres and involves seven parcels. The SMF and FPC sites are situated on parcels that are also included in the parcel count for roadway widening. In addition, approximately 20.7 acres of easements are needed from SFWMD for roadway widening across canals C-41 and C-40, and along the north side of canal C-39A.

The proposed improvements for the S.R. 70 project address the purpose and need by enhancing traffic safety and maintaining crucial connectivity. The widening will also provide a median to improve traffic safety by separating traffic and allowing room for vehicle movement to reduce vehicle conflicts and the likelihood of accidents. Additionally, median openings at critical intersections will alleviate congestion and minimize delays from large vehicles traversing the corridor, offering a much better alternative to the no-build scenario. The widened roadway will further streamline traffic flow, reducing the potential for vehicle maneuvering conflicts and enhancing overall road safety and efficiency.

1.2 Purpose and Need

PURPOSE

The purpose of this project is to address traffic safety conditions on S.R. 70 from Lonesome Island Road to the southern leg of C.R. 721 within Highlands County. Other goals of the project are to maintain important east-west connectivity within the regional transportation network and accommodate freight activity within the area.

NEED

This project is needed to improve traffic safety conditions including emergency evacuation, and incident response times, maintain important east-west connectivity within the regional transportation network and accommodate freight activity within the area.

PRIMARY NEED:**SAFETY:** Improve Traffic Safety Conditions, Emergency Evacuation, and Incident Response Times:

Crash data was collected for the years 2018 to 2022 from the Signal Four Analytics database. A total of 84 crashes were reported along the S.R. 70 project corridor during the five-year period. Of the 84 crashes along the project corridor, 13 (15%) were guardrail crashes and 13 (15%) were sideswipe, opposite direction crashes. The average crash rate for this section of S.R. 70 is 1.073, 36% more than the statewide average of 0.789 and 19.4% higher than the Highlands County crash rate of 0.898 for similar facilities. Eight fatal crashes occurred in this segment of S.R. 70 during the five-year period. One of the fatal crashes was reported as a front-to-front crash that was caused by improper passing.

The project section of S.R. 70 presently features 10-foot travel lanes and 8-foot shoulders, with four feet paved. Guardrails along the roadway are also minimally set back from the travel lanes (less than seven feet). With a context classification of C2-Rural, the existing typical section does not meet FDOT Design Manual (FDM) standards. The substandard lane and shoulder widths and proximity of the guardrails to the travel lanes restrict the ability of drivers to avoid hazards within each directional travel lane without veering off the roadway causing direct impacts. According to "*Evaluation of the Safety Effectiveness of the Conversion of Two-Lane Roadways to Four-Lane Divided Roadways: Bayesian vs. Empirical Bayes*" referenced on the Federal Highway Administration (FHWA) Crash Modification Factors (CMF) Clearinghouse, widening a rural two-lane roadway to a four-lane divided roadway can help decrease fatal and injury crashes by 45 percent. In addition, due to the roadway's current configuration, there is limited space for an emergency service vehicle to pass to respond to a situation during periods of congestion or to accommodate a disabled vehicle to prevent it from obstructing traffic flow. According to the Highlands County Sheriff's Office, one of the two travel lanes (if not both) is often blocked during traffic incidents.

S.R. 70 is part of the emergency evacuation route network designated by the Florida Division of Emergency Management (FDEM) as well as the network established by Highlands County. This roadway is critical in facilitating traffic during emergency evacuation periods as it connects to other arterials and highways of the state evacuation route network such as U.S. 27 (on the west) and C.R. 721 (on the east) and serves as only one of two east-west facilities with S.R. 66/U.S. 98 being the other that traverses Highlands County. Under various FDEM evacuation scenarios for different storm events, FDEM noted that S.R. 70 has some of the longest lasting vehicle queues in the Central Florida region, contributing to prolonged clearance times. Clearance time, comprised of time required for mobilization of the evacuating population, travel time, and the delay time caused by traffic congestion, is one input used by County emergency managers to determine when to recommend an evacuation order and is a key factor pertaining to public safety during an evacuation event.

SECONDARY NEEDS:**AREA WIDE NETWORK/SYSTEM LINKAGE:** Maintain Important East-West Connectivity within the Regional Transportation Network:

S.R. 70 is one of four corridors connecting Central and South Florida's west and east coasts as it spans from U.S. 41 in Manatee County (west coast) to U.S. 1 in St. Lucie County (east coast). It also connects to several major north-south transportation facilities of the state, including U.S. 41, I-75, U.S. 17, U.S. 27, U.S. 441, Florida's Turnpike, I-95, and U.S. 1. With the nearest available parallel east-west facilities being located over 10 miles to the north and south, S.R. 70 is integral to facilitating east-west travel within the regional transportation network of Florida's heartland.

The project is intended to complement other S.R. 70 corridor safety and traffic operational improvements identified in the 2029 - 2045 SIS Long Range Cost Feasible Plan from C.R. 675 in Manatee County to U.S. 98 in Okeechobee County.

TRANSPORTATION DEMAND: Accommodate Freight Activity:

As part of Florida's SIS highway network, S.R. 70 connects regionally important routes (such as I-75, U.S. 27, Florida's Turnpike, and I-95) as well as serves as a regional through route for long-haul truck volumes and provides access to agricultural/ranching operations, industrial/commercial areas, and other intensive freight activity centers within Central Florida. The 2022 Annual Average Daily Traffic (AADT) volume for the project corridor of is 5,600 vehicles per day, of which 32% is truck traffic. Truck volumes along S.R. 70 are expected to increase in the future as freight distribution and logistics activities continue to gain economic significance in Central Florida counties through the rapid growth occurring along the I-4 and I-75 corridors within the broader region. According to the Heartland Regional Transportation Planning Organization's (HRTPO) *2045 Long Range Transportation Plan (LRTP)*, Highlands County is in the process of diversifying their economy, expanding the potential for freight distribution and logistics activity development.

According to the FDOT District 1, *Freight Mobility and Trade Study: Technical Memorandum 5 - Freight Improvements Prioritization*, improvements to S.R. 70 are the #1 long-term priority in Highlands County to facilitate the future growth of freight traffic in the region. Additionally, the HRTPO, its committees, and community stakeholders have identified S.R. 70 as the highest priority transportation facility in the region in need of improvements due to concerns pertaining to safety, freight mobility, and economic growth.

PROJECT STATUS

The project is fully funded in the HRTPO 2050 LRTP Cost Feasible Plan, which was adopted on March 11, 2026. The project is listed in the FDOT SIS Cost Feasible Plan 2035-2050, with funding in the FY 2034/35 to FY 2039/40 funding band for Preliminary Engineering (Design) and in the FY 2040/41 to 2044/2045 funding band for ROW and Construction. Funding for the subsequent project phases, consisting of final design, ROW acquisition, and construction, are not yet programmed within the HRTPO FY 2025/26 to 2029/30 *Transportation Improvement Plan (TIP)* or in the FDOT *State Transportation Improvement Program (STIP)* Five-Year Work Program, FY 2026-2030. All future phases are funded in the FDOT Work Program for FY 2036. This will be reflected in the next adopted Work Program on July 1, 2026, and updated into the STIP. The HRTPO coordination is ongoing and the LRTP and TIP will be updated at the next regular update cycle to align with the Work Program.

1.3 Planning Consistency

This project is listed in the HRTPO 2050 LRTP, adopted March 11, 2026. The project is fully funded in the LRTP Cost Feasible Plan.

This project is also listed in the FDOT SIS Cost Feasible Plan 2035-2050, 2024 edition, with funding in the FY 2034/35 to FY2039/40 funding band for Preliminary Engineering (Design) and in the FY 2040/41 to FY2044/2045 funding band for ROW and Construction.

The HRTPO TIP for FY 2025/2026 to FY2029/2030 was last amended on adopted on January 14, 2026. The TIP identified the project in the Transportation Project Priorities list with the PD&E Phase as ongoing. Funding for the subsequent project phases, consisting of final design, ROW acquisition, and construction, are not yet programmed.

The project is identified in the FDOT Work Program (STIP) with funding for the remainder of the PD&E Phase in FY 2026.

All future phases will be funded for FY 2036. This will be reflected in the next adopted Work Program on July 1, 2026, and updated into the STIP.

The HRTPO coordination is ongoing and the LRTP and TIP will be updated at the next regular update cycle to align with the Work Program.

Currently Adopted LRTP-CFP	COMMENTS			
Yes	<p>This project is listed in the HRTPO 2050 LRTP, adopted March 11, 2026. The project is fully funded in the LRTP Cost Feasible Plan.</p> <p>All future phases will be funded for FY 2036. This will be reflected in the next adopted Work Program on July 1, 2026.</p> <p>The HRTPO coordination is ongoing and the LRTP and TIP will be updated at the next regular update cycle to align with the Work Program.</p>			
	Currently Approved	\$	FY	COMMENTS
PE (Final Design)				
TIP	N			There is \$9.9M programmed for PE in FY 2036. The TIP will be updated accordingly.
STIP	N			There is \$9.9M programmed for PE in FY 2036.
R/W				
TIP	N			There is \$7.4M programmed for ROW in FY 2036. The TIP will be updated accordingly.
STIP	N			There is \$7.4M programmed for ROW in FY 2036.
Construction				
TIP	N			There is \$192M programmed for construction in FY 2036. The TIP will be updated accordingly.
STIP	N			There is \$192M programmed for construction in FY 2036.

2. Environmental Analysis Summary

Issues/Resources	Significant Impacts?*			
	Yes	No	Enhance	NoInv
3. Community Effects				
1. Social	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Economic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Land Use Changes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Mobility	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Aesthetic Effects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Relocation Potential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Farmland Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Cultural Resources				
1. Section 106 of the National Historic Preservation Act	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Section 4(f) of the USDOT Act of 1966, as amended	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Section 6(f) of the Land and Water Conservation Fund	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Recreational Areas and Protected Lands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Natural Resources				
1. Protected Species and Habitat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Wetlands and Other Surface Waters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Essential Fish Habitat (EFH)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Floodplains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Sole Source Aquifer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Water Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Aquatic Preserves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Outstanding Florida Waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Wild and Scenic Rivers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Coastal Barrier Resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Physical Resources				
1. Highway Traffic Noise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Air Quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Utilities and Railroads	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

USCG Permit

- A USCG Permit IS NOT required.
- A USCG Permit IS required.

* **Impact Determination:** Yes = Significant; No = No Significant Impact; Enhance = Enhancement; NoInv = Issue absent, no involvement. Basis of decision is documented in the following sections.

3. Community Effects

The project will not have significant community impacts. Below is a summary of the evaluation performed.

3.1 Social

The proposed roadway widening will enhance safety conditions for all roadway users. As previously mentioned, S.R. 70 serves as part of the emergency evacuation route network designated by the FDEM and plays a critical role in facilitating traffic during emergency evacuation periods as it is one of the few roadways connecting the west and east Florida coasts. It also connects to other designated state evacuation routes aligned in a north-south direction, including U.S. 41, U.S. 301, I-75, U.S. 17, U.S. 27, U.S. 98, U.S. 441, the Florida's Turnpike, I-95, and U.S. 1. The project will improve emergency response times and access for the people living and working in the project region and for freight traffic. In addition, the Preferred Alternative provides pedestrian and bicycle facilities to enhance multi-modal opportunities. No public controversy has occurred on the project, and a summary of the public involvement activities is included in **Section 9** of this document.

The project is located within unincorporated southern Highlands County and adjacent to the county line with unincorporated Glades County. The project area primarily consists of agricultural operations, including sod and cattle farms as well as field crops. There is one church, the Brighton Baptist Church, west of the intersection of S.R. 70 and C.R. 721 South. No other community features (such as schools, community centers, healthcare facilities, etc.) are within the vicinity of the project.

The S.R. 70 Preferred Alternative utilizes existing FDOT ROW and requires 183.2 acres of additional ROW for the roadway widening and 148.5 acres for the SMF and FPC sites. The total additional ROW is approximately 331.7 acres and involves seven parcels. The SMF and FPC sites are situated on parcels that are also included in the count for the parcels for roadway widening. In addition, approximately 20.7 acres of easements are needed from the SFWMD for roadway widening along canals C-41, C-40 and C-39A. There are no business relocations or residential relocations required or proposed with the Preferred Alternative.

Community Analysis

The demographics of the project study area were obtained through an analysis of the *Sociocultural Data Report* (SDR- August 2025) that is included in the project file. Because of the rural project area and surrounding area, the *SDR* evaluated demographics within one quarter-mile (1,320 feet) of the study area, using the intersecting feature which allows the compiled data to include the full census block groups that intersect with the quarter-mile buffer. **Table 3-1** summarizes the demographics of the study area based on the 2010 Census data. This was the most current Census data available as listed in the *SDR*. More recent Census data for year 2020 as well as the American Community Survey (ACS) 2019-2023 is available for Highlands and Glades Counties as a whole, **Table 3-1** provides the ACS 2019-2023 Census data for the county level for comparison. The study area has a lower minority population, lower Hispanic population, lower population below poverty, and lower Limited English Proficiency (LEP) population as compared to the counties as a whole. Additionally, there is a lower elderly population as compared to the Highlands County and Glades County average. No disproportional impacts to distinct communities will occur.

Demographic Item	Project Area	Highlands County	Glades County
Minority Population (Race and Ethnicity)	31.25%	35.79%	44.90%
Median Age (years)	45	54.2	45.8

Population Under Age 5	6.25%	4.12%	2.96%
Population Age 65 and Over	25.00%	35.93%	26.56%
Median Household Income	\$35,687	\$55,581	\$38,905
Population Below Poverty Level	0.00%	15.39%	21.15%
Households with Public Assistance Income	0.00%	1.92%	4.41%
Population Ages 20-64 with a Disability	0.00%	16.50%	13.84%
Owner-Occupied Units	55.56%	62.42%	54.96%
Occupied Units with No Vehicle	0.00%	5.50%	2.04%
Source: SDR, US Census 2010 data for Project Area, ACS 2019-2023 for Highlands & Glades County			

Table 3-1: Demographic Comparison - Project Area vs. Highlands & Glades Counties

**"Other" includes Asian, American Indian, Native Hawaiian & Other Pacific Islander Alone, Some Other Race, and Two or More Races

Community Cohesion

The impacts to parcels resulting from the Preferred Alternative will not impact community cohesion, community characteristics, special community designations, community goals, or quality of life as surrounding agricultural activities and land uses will remain in locations surrounding the project area. The Preferred Alternative includes one segment of new S.R. 70 roadway alignment to avoid impacts to community features that would result if the roadway widening were to remain on the existing S.R. 70 alignment in these areas. This location includes businesses and a church near the east end of the project limits (S.R. 70 and C.R. 721 South intersection). Therefore, ROW impacts will not prevent community features from continuing to service the community.

3.2 Economic

S.R. 70 is part of the SIS highway network, providing regional access to employment centers, agricultural lands, and residential areas across the state as well as facilitating the movement of significant truck traffic. The project segment of S.R. 70 currently supports a number of agricultural operations. The project corridor is located within Highlands County, which is part of the six-county South Central Rural Area of Opportunity (RAO), a program defined under State of Florida legislature to encourage and facilitate the location and expansion of economic development projects of significant scale in rural communities to spur job creation (particularly high skill and high wage jobs). According to the HRTPO 2045 LRTP, Highlands County is in the process of diversifying their economy to expand opportunities to attract sectors beyond the traditional industries such as agriculture, business services, and natural resources. Freight distribution and logistics activities continue to gain economic significance in Central Florida counties including the S.R. 70 corridor.

Access to adjacent land uses will be maintained throughout and after construction of the proposed capacity improvements. There will be no adverse impacts to businesses, or the tax base within the project area.

3.3 Land Use Changes

The existing and future land use maps for the portion of Highlands and Glades Counties that encompass the project area are attached. Florida Land Use Cover and Forms Classification System (FLUCCS) data, and aerial photographs were utilized to determine current land use within the corridor. The land uses within the project corridor were subsequently verified during field visits in February 2024. For evaluating land use within the study area, a 500-ft buffer was created from the existing centerline of S.R. 70 and surrounding preferred SMF and FPC sites.

Approximately 90% of the project study area is varied agricultural uses as shown in **Table 3-2**. The primary land use impacted by the roadway corridor is agricultural.

FLUCCS Code	Description	Acres	Percentage
118	Rural Residential	0.0	0.0%
140	Commercial And Services	8.1	0.4%
211	Improved Pastures	1,258.2	60.1%
212	Unimproved Pastures	81.1	3.9%
213	Woodland Pastures	31.6	1.5%
215	Field Crops	56.5	2.7%
221	Citrus Groves	258.1	12.3%
224	Abandoned Groves	12.5	0.6%
242	Sod Farms	9.2	0.4%
261	Fallow Cropland	160.4	7.7%
320	Upland Shrub and Brushland	18.0	0.9%
512	Channelized Waterways, Canals	36.8	1.8%
617	Mixed Wetland Hardwoods	0.7	0.0%
641	Freshwater Marshes/Gramanoid Prarie - Marsh	89.3	4.3%
643	Wet Prairies	17.3	0.8%
644	Emergent Aquatic Vegetation	3.3	0.2%
747	Dikes And Levees	51.3	2.5%
TOTAL		2,092.4	100.0%

Table 3-2: Existing Land Use by FLUCCS Code

According to the Highlands County and Glades County Future Land Use Maps, the project area will continue to support agricultural along with conservation land uses. However, as previously mentioned, Highlands County is in the process of diversifying their economy to expand opportunities to attract sectors beyond the traditional industries such as agriculture, business services, and natural resources. Freight distribution and logistics activities continue to gain economic significance in Central Florida counties including the S.R. 70 corridor. Therefore, while moderate changes to adjacent land uses will occur with the conversion of frontage areas to the expanded roadway, overall land use changes are not anticipated based on future land use maps and the HRTPO LRTP. Based on the future land use map and proposed improvements, the proposed project will not induce secondary development or change existing land use patterns.

Prime farmland is discussed in **Section 3.7**. In addition to potential impacts to prime farmland, approximately 82.8 acres of current agriculture use, consisting of rangeland and citrus row crops, are proposed for impact.

3.4 Mobility

The project is part of the S.R. 70 corridor which is the main west-east highway facility across the state of Florida, linking the west coast to the east coast. S.R. 70 serves as a major freight route facilitating connections to north-south facilities including I-75, U.S. 27, Florida's Turnpike and I-95. S.R. 70 is part of the SIS network of Highway Corridors and Connectors. The project segment of S.R. 70 is designated as an evacuation route by the FDEM, and the Highlands County Division of Emergency Management.

The Preferred Alternative will enhance mobility with widening of the S.R. 70 corridor to four lanes by

- 1) enhancing operational capacity of the corridor, thereby improving emergency evacuation/response times as well as access for standard roadway maintenance;
- 2) improving safety conditions by dispersing traffic;

- 3) providing a continuous four-lane connection and up-to-standards SIS highway corridor across the state by complementing other sections of S.R. 70 to be widened up to four lanes; and
- 4) supporting initiatives of the South Central RAO.

There is no impact to mobility for non-driving populations as there are no transit routes along the project corridor. Also, there are no existing sidewalks or shared use paths within the project area. Therefore, the Preferred Alternative will enhance mobility for non-driving populations by providing a shared-use path for pedestrians and bicyclists to use in lieu of the S.R. 70 roadway or shoulder.

3.5 Aesthetic Effects

The project area primarily consists of agricultural activities (pasturelands, sod farms and field crops). According to the attached Highlands County Future Land Use Maps, the area encompassing the project segment will continue to support agricultural activities and objectives of the Conservation Partnership Areas of the Everglades Headwaters National Wildlife Refuge and Conservation Area. The proposed improvements to S.R. 70 are intended to support the agricultural operations of the area and RAO initiatives. As such, the project is consistent with the future land use vision and aesthetic character of the corridor.

3.6 Relocation Potential

The proposed project, as presently conceived, will not displace any residences or businesses within the community. Should this change over the course of the project, a Right of Way and Relocation Assistance Program will be carried out in accordance with Section 421.55, Florida Statutes, Relocation of displaced persons, and the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Public Law 91-646 as amended by Public Law 100-17).

3.7 Farmland Resources

This project is subject to the provisions of the *Farmland Protection Policy Act of 1981* because the project is located in a non-urbanized area with designated farmlands. There are properties containing farmlands that are proposed to be impacted with the Preferred Alternative. Therefore, a *Farmland Impact Rating Form* (NRCS-CPA-106) was completed and coordination with Natural Resources Conservation Service (NRCS) was requested on 1/31/2025 and 3/4/2025. A *Farmlands Memo* (March 2025) is in the project file which includes the coordination with NRCS. The completed Form NRCS-CPA-106 is attached. The project's total number of points indicated in Part VII is 117.7. Since the corridor received a total score of less than 160 points, no additional consideration for farmland or coordination with NRCS is required.

4. Cultural Resources

The project will not have significant impacts to cultural resources. Below is a summary of the evaluation performed.

4.1 Section 106 of the National Historic Preservation Act

A Cultural Resource Assessment Survey (CRAS), conducted in accordance with 36 CFR Part 800, was performed for the project, and the resources listed below were identified within the project Area of Potential Effect (APE). FDOT found that these resources do not meet the eligibility criteria for inclusion in the National Register of Historic Places (NRHP), and State Historic Preservation Officer (SHPO) concurred with this determination on 10/06/2025. Therefore, FDOT, in consultation with SHPO has determined that the proposed project will result in No Historic Properties Affected.

The CRAS (August 2025) is available in the project files and includes the proposed roadway improvements along S.R. 70 and the preferred SMF and FPC sites. The archaeological APE is limited to the footprint of construction and the area contained within the proposed pond sites. The historic/architectural APE includes resources located within 500 feet from the edge of the proposed ROW where road widening and new road construction will occur, as well as resources located within 200 feet from the existing ROW on the opposite side of the road widening where no ROW acquisition is anticipated. In addition, the historic/architectural APE for the pond sites includes the footprint of construction and immediately adjacent parcels as contained within 100 feet. The fieldwork for the corridor was conducted from September to October 2024 and for the ponds in March 2025.

The archaeological survey consisted of a pedestrian survey and systematic shovel testing within the archaeological APE. There were no archaeological sites that have been previously recorded within the current APE. A total of 250 shovel tests were excavated during the archaeological survey, with four shovel tests positive for cultural material.

As a result of the survey, evidence of one new archaeological site (8HG01682) and one archaeological occurrence (AO) was discovered. FDOT determined the archaeological site is not eligible for listing in the NRHP as found within the archaeological APE and AO's are not considered sites. No other archaeological sites, features, or occurrences were identified.

The architectural history background research indicated three historic resources (8HG01125, 8HG01126, and 8GL00476) were previously recorded within the APE. These include segments of three linear resources - the Harney Pond Canal (C-41) (8HG01125), the Indian Prairie Canal (C-40) (8HG01126), and the C-39A Canal (8GL00476) - all of which were found to have insufficient information to make a determination of NRHP eligibility by the SHPO. In addition, unrecorded segments of S.R. 70 (8HG01306), S.R. 70 Canal (North) (8HG01722), and S.R. 70 Canal (South) (8HG01723) were identified within the APE.

Historical/architectural field survey resulted in the identification of 17 historic resources within the APE. Of the 17 historic resources identified within the APE, FDOT determined that 15 are ineligible for listing in the NRHP. FDOT determined that two historic resources within the APE are eligible or appear eligible for listing in the NRHP under Criterion A in the areas of Community Planning and Development and Agriculture. These include segments of the Harney Pond Canal (C-41) (8HG01125) and the Indian Prairie Canal (C-40) (8HG01126/8GL00560). Based on the scope of work at each location, the Preferred Alternative will include the construction of a new bridge carrying a divided four-lane highway to the north of the existing bridges (Bridge No's. 090920 and 090009). Although this will result in a new bridge footprint and alteration to

the earthen bank along the linear resources, these alterations are in keeping with the existing conditions within the APE. Therefore, FDOT determined that the proposed undertaking will have no adverse effect on the Harney Pond Canal (C-41) (8HG01125) or the Indian Prairie Canal (C-40) (8HG01126/8GL00560).

The SHPO concurrence letter, dated October 6, 2025, is attached.

4.2 Section 4(f) of the USDOT Act of 1966, as amended

There are no properties in the project area that are protected pursuant to Section 4(f) of the USDOT Act of 1966.

4.3 Section 6(f) of the Land and Water Conservation Fund Act of 1965

There are no properties in the project area that are protected pursuant to Section 6(f) of the Land and Water Conservation Fund of 1965.

4.4 Recreational Areas and Protected Lands

There are no other protected public lands in the project area

5. Natural Resources

The project will not have significant impacts to natural resources. Below is a summary of the evaluation performed:

5.1 Protected Species and Habitat

The following evaluation was conducted pursuant to Section 7 of the Endangered Species Act of 1973 as amended as well as other applicable federal and state laws protecting wildlife and habitat.

The *Natural Resources Evaluation* (NRE) Report (August 2025) and *NRE Addendum* (October 2025) were prepared under separate cover and included in the project file. The project study area and preferred SMF and FPC sites were evaluated for the presence of federal and state listed species, protected species, and their habitat.

Literature review, database searches, field assessments, and species-specific surveys of the study area were completed to identify the potential occurrence of protected species and/or presence of federally-designated critical habitat. The *NRE* and *NRE Addendum* documented current environmental conditions along the corridor and assessed the potential for impacts to habitat and protected species. The *NRE* identified current environmental permitting and regulatory agency requirements for the project. Finally, the *NRE* was sent for review and comments from regulatory agencies with jurisdiction over the project study area.

The Preferred Alternative is located within the U.S. Fish and Wildlife Service (USFWS) Consultation Area (CA) for the bluetailed mole skink (*Plestiodon egregius lividus*), sand skink (*Plestiodon reynoldsi*), Audubon's crested caracara (*Caracara plancus audubonii*), Everglade snail kite (*Rostrhamus sociabilis*), Florida grasshopper sparrow (*Ammodramus savannarum floridanus*), Florida scrub-jay (*Aphelocoma coerulescens*), Florida bonneted bat (*Eumops floridanus*) and Lake Wales Ridge plants.

No designated critical habitat is present within the project action area.

Species-specific surveys were conducted for the Audubon's crested caracara and Florida bonneted bat. The Audubon's crested caracara survey was conducted in January 2023 through May 2023, and the Florida bonneted bat acoustic survey was completed in May 2024. The surveys documented five Audubon's crested caracara nests along the project limits. Three of these nests located along the project limits are within the Audubon's crested caracara nest primary protection zone and two of the nests are located within the secondary protection zone. Additionally, the bat acoustic survey documented Florida bonneted bats foraging within the project study area.

The project area was generally surveyed for presence of applicable federal and state protected species in February and May of 2024.

Table 5-1 and **Table 5-2** summarize the effect determinations that have been made for each federal and state listed species based upon their potential for occurrence, results of species-specific surveys, and the use of implementation measures and/or commitments to offset any potential impacts to each species.

Project Effect Determination	Federal Listed Species and Listing Status (E = Endangered, T = Threatened, P = Proposed for Listing)
"Not Applicable"	Monarch butterfly (<i>Danaus plexippus</i>) - P
	Tricolored bat (<i>Perimyotis subflavus</i>) - P

"No effect"	Pygmy fringe-tree (<i>Chionanthus pygmaeus</i>) - E
	Pigeon wings (<i>Clitoria fragrans</i>) - T
	Short-leaved rosemary (<i>Conradina brevifolia</i>) - E
	Avon Park harebells (<i>Crotalaria avonensis</i>) - E
	Garrett's mint (<i>Dicerandra christmanii</i>) - E
	Scrub mint (<i>Dicerandra frutescens</i>) - E
	Snakeroot (<i>Eryngium cuneifolium</i>) - E
	Highlands scrub hypericum (<i>Hypericum cumulicola</i>) - E
	Scrub blazingstar (<i>Liatris ohlingerae</i>) - E
	Papery whitlow-wort (<i>Paronychia chartacea</i>) - T
	Lewton's polygala (<i>Polygala lewtonii</i>) - E
	Wireweed (<i>Polygonella basiramia</i>) - E
	Sandlace (<i>Polygonella myriophylla</i>) - E
	Carter's mustard (<i>Warea carteri</i>) - E
	Florida ziziphus (<i>Ziziphus celata</i>) - E
	Florida perforate cladonia (<i>Cladonia perforata</i>) - E
	Blue-tailed mole skink (<i>Plestiodon egregius lividus</i>) - T
	Sand skink (<i>Plestiodon reynoldsi</i>) - T
	Florida grasshopper sparrow (<i>Ammodramus savannarum floridanus</i>) - E
	Florida scrub-jay (<i>Aphelocoma coerulescens</i>) - T
"May affect, not likely to adversely affect"	Florida bonneted bat (<i>Eumops floridanus</i>) - E
	Eastern black rail (<i>Laterallus jamaicensis jamaicensis</i>) - T
	Wood stork (<i>Mycteria americana</i>) - T (Federally Delisted March 12, 2026)
"May affect, likely to adversely affect"	Everglade snail kite (<i>Rostrhamus sociabilis plumbeus</i>) - E
	Audubon's crested caracara (<i>Caracara plancus audubonii</i>) - T
	Eastern indigo snake (<i>Drymarchon couperi</i>) - T
	Florida panther (<i>Puma concolor coryi</i>) - E

Table 5-1: Federal Listed Species Effect Determinations

Project Effect Determination	State Listed Species and Listing Status (E = Endangered, T = Threatened)
"No adverse effect anticipated"	Florida goldenaster (<i>Chrysopsis floridana</i>) - E
	Piedmont jointgrass (<i>Coelorachis tuberculosa</i>) - T
	Cutthroatgrass (<i>Coleataenia abscissa</i>) - E
	Hammock rein orchid (<i>Habenaria distans</i>) - E
	Florida hartwrightia (<i>Hartwrightia floridana</i>) - T
	Edison's ascyrum (<i>Hypericum edisonianum</i>) - E
	Thick-leaved water-willow (<i>Justicia crassifolia</i>) - E
	Small's flax (<i>Linum carteri smallii</i>) - E
	Lowland loosestrife (<i>Lythrum flagellare</i>) - E
	Toothed maiden fern (<i>Meniscium serratum</i>) - E
	Narrowleaf naiad (<i>Najas filifolia</i>) - T
	Yellow fringeless orchid (<i>Platanthera integra</i>) - E
	Redmargin zephyrlily (<i>Zephyranthes simpsonii</i>) - T
	Gopher tortoise (<i>Gopherus polyphemus</i>) - T
	Florida pine snake (<i>Pituophis melanoleucus mugitus</i>) - T
	Florida sandhill crane (<i>Antigone canadensis pratensis</i>) - T
	Florida burrowing owl (<i>Athene cunicularia floridana</i>) - T
	Little blue heron (<i>Egretta caerulea</i>) - T
	Tricolored heron (<i>Egretta tricolor</i>) - T
	Southeastern American kestrel (<i>Falco sparverius paulus</i>) - T
Roseate spoonbill (<i>Platalea ajaja</i>) - T	

Table 5-2: State Listed Species Effect Determinations

Federal Listed Species

Eastern Indigo snake (T): USFWS has historical documentation eastern indigo snake occurrences within the project study area. Due to a historical documentation of the eastern indigo snake along S.R. 70 and suitable habitat being present, the project resulted in an effect determination of "may affect, likely to adversely affect" for the eastern indigo snake. FDOT Office of Environmental Management (OEM) initiated formal Section 7 Consultation with USFWS, and a *Biological Opinion* was issued on November 25, 2025, and is attached. The *Biological Opinion* concluded that the project is not likely to jeopardize the continued existence of the eastern indigo snake based on the FDOT commitment to implement eastern indigo snake standard protection measures during construction, and FDOT will provide 152.80 eastern indigo snake acre credits from Platt Branch Mitigation Bank (PBMB), which include land cover types that provide habitat for the eastern indigo snake. The FDOT will provide USFWS with a letter or email from the PBMB stating that the credit ledger for the bank has been revised to reflect the deduction of credits. The FDOT will not commence construction of the proposed project until a response email or letter from USFWS has been received stating that they have received the document. The following commitment was also added for the eastern indigo snake. Due to the project not currently being funded for construction, if eastern indigo snake credits are not available from PBMB, FDOT will contribute \$78,000 to the Eastern Indigo Snake Conservation Fund or an agreed amount by USFWS if a portion of the credits are provided by PBMB.

Audubon's crested caracara (T): There is suitable nesting habitat for the Audubon's crested caracara and during the 2023 species-specific survey, five Audubon's crested caracara nests were documented along the project limits. The Preferred Alternative and pond sites are located within the Audubon's crested caracara nest primary protection zone of three nests. Therefore, the project effect determination resulted in a "may affect, likely to adversely affect" for the Audubon's crested caracara. Formal Section 7 consultation was completed with USFWS, and a *Biological Opinion* was issued based on the following commitments.

- FDOT will provide a financial contribution of \$89,476.20 to the Crested Caracara Conservation Fund for the project's impacts to Audubon's crested caracara primary zones of three nests.
- A standard reconnaissance survey for Audubon's crested caracara nests will be completed prior to construction to identify any active nest location(s) to ensure accurate impact analysis.

Florida bonneted bat (E): There is suitable foraging habitat along the project corridor for the Florida bonneted bat, and it was documented during the project's acoustic survey completed in May 2024. Therefore, FDOT has made the following commitments for the Florida bonneted bat best management practices.

- In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #1: If potential roost trees or structures need to be removed, check cavities for bats within 30 days prior to removal of trees, snags, or structures. When possible, remove structure outside of breeding season (e.g., January 1 - April 15). If evidence of use by any bat species is observed, discontinue removal efforts in that area and coordinate with the USFWS on how to proceed.
- In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #5: Conserve open freshwater and wetland habitats to promote foraging opportunities and avoid impacting water quality. Created/restored habitat should be designed to replace the function of native habitat.
- In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #7: Avoid or limit widespread application of insecticides (e.g., mosquito control, agricultural pest control) in areas where Florida bonneted bats are known or expected to forage and roost.
- In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #11: Avoid and minimize the use of artificial lighting, retain natural light conditions, and install wildlife friendly lighting (i.e., downward facing, and lowest lumens possible). Avoid permanent night-time lighting to the greatest extent practicable.

With the commitments for the Florida bonneted bat, the project effect determination resulted in a "may affect, not likely to adversely affect" the Florida bonneted bat.

Wood stork (T): Suitable habitat is present for within the project area for the wood stork and individuals were observed during field reviews in February and May of 2024. A wood stork foraging analysis was conducted, included in Appendix J of the *NRE*, to determine the amount of biomass lost from wetlands and surface waters due to the Preferred Alternative. The anticipated loss of 80.98 acres of suitable wood stork foraging areas. There project results in no loss of short hydroperiod wetlands and 80.98 acres of long hydroperiod wetlands being impacted. The analysis resulted in a net loss of 141.93 kilograms of total biomass (fish and crayfish). To offset impacts to wood stork suitable foraging habitat, the following commitment was made in the *NRE*; FDOT will provide mitigation for impacts to wood stork Suitable Foraging Habitat within the Service Area of a Service-approved wetland mitigation bank or wood stork conservation bank. Therefore, utilizing the wood stork key for south Florida, the project was determined to "may affect, not likely to adversely affect" the wood stork. However, effective March 12, 2026, the USFWS has removed the Southeast U.S. distinct population segment of the wood stork (*Mycteria americana*) from the Federal List of Endangered and Threatened Wildlife. Federal agencies (including FDOT under NEPA assignment) are no longer required to consult with USFWS under Section 7 of the Endangered Species Act for the wood stork. As a result, the wood stork commitment has been removed from the project's commitments. The wood stork is now a state-listed threatened species, occurring on Florida's Endangered and Threatened Species List with state protections through the Florida Fish and Wildlife Conservation Commission (FWC) who regulate and manage these species (68A-27, F.A.C.).

Everglade snail kite (E): The project area contains suitable foraging habitat for the Everglade snail kite but no suitable nesting habitat was documented adjacent to the project limits. Everglade snail kites were observed foraging in canals north of the project area, but no nesting activity or nests were observed. With the mitigation of the project's proposed wetland impacts, an effect determination of "may affect, not likely to adversely affect" the Everglade snail kite was made for the project.

Eastern black rail (T): The project area contains no suitable nesting habitat for the eastern black rail and there are no documented occurrences in the surrounding area. However, if eastern black rails are observed in the project's action area prior to or during construction, FDOT commits to reinitiation of consultation with USFWS. With the commitment, an effect determination of "may affect, not likely to adversely affect" the eastern black rail was made for the project.

Florida panther (E): While the project action area is not in the USFWS Florida Panther Focus Area or the Florida Panther Dispersal Zone, the project is within a Thatcher Dispersal Pathway, a designated area that provides suitable habitat for the Florida panther and is one of the most likely dispersal routes based on models. There were no observations of the Florida panther during field reviews. A Florida panther (UCFP456) road mortality was documented in 2024 within the project action area. Based on the Florida Panther Effect Determination Key and mortality in the Thatcher Dispersal Pathway, an effect determination of "may affect, likely to adversely affect" the Florida panther was made for the project. To assist with movement of the Florida panther north of S.R. 70 and to complete formal Section 7 Consultation with issuance of the *Biological Opinion*, FDOT made the following commitments:

- FDOT will mitigate habitat impacts to the Florida panther by providing 951 Panther Habitat Units (PHUs) from the Platt Branch Conservation Mitigation Bank.
- FDOT will design and construct wildlife shelves at the bridge crossings over the SFWMD canals (Canal C-40 and C-41), per current wildlife crossing guidelines.
- FDOT will coordinate with SFWMD to evaluate each canal crossing to determine locations and lengths of herpetofauna funnel fencing to be installed without precluding SFWMD canal access and maintenance of canals.

- FDOT will install landscaping utilizing native vegetation within the FDOT right-of-way and limits of funnel fencing.

For the remaining federal listed species in **Table 5-1**, an effect determination of "no effect" was made for these species as result of no direct observations or no suitable habitat being located in the project area. No specific-species surveys were done for these flora or faunas.

The monarch butterfly (*Danaus plexippus*) is proposed to be listed as threatened under the Endangered Species Act by the USFWS. The monarch butterfly was included on the project's USFWS Information and Planning and Consultation (IPaC) species list.

On September 13, 2022, the USFWS announced a proposal to list the tricolored bat (*Perimyotis subflavus*) as endangered under the Endangered Species Act. Due to the proposed listing of the tricolored bat and FDOT effect determination of "not applicable" the following commitment has been made. If the tricolored bat is listed by the USFWS as threatened or endangered prior to the completion of construction, FDOT commits to reinitiating consultation with USFWS to determine appropriate avoidance and minimization measures.

State Listed Species

For all the state listed species included in **Table 5-2**, there were no species-specific surveys done. During the February and May 2024 field work, any observations of state listed species were recorded. There is suitable habitat in wetlands and uplands for all state listed species in **Table 5-2**. As a result, an effect determination of "no adverse effect anticipated" was made for all the state listed species included in **Table 5-2**.

Other Protected Species

The project will not impact other protected species which include the bald eagle (*Haliaeetus leucocephalus*) and Florida black bear (*Ursus americanus floridanus*). Since the bald eagle and Florida black bear are not listed, a project effect determination was not made. Bald eagles were observed flying over the project limits during field reviews. However, no bald eagle nests or 660-foot protective nest buffer are within the project area. No Florida black bears were observed during field reviews however there are multiple documentations of Florida black bear occurrences and two (2) road mortalities. Therefore, to avoid attracting Florida black bears to the roadway during construction, FDOT has made the following commitment. FDOT will require contractors to remove garbage daily from the construction site or use bear proof containers for securing of food and other debris from the project work area to prevent these items from becoming an attractant for the Florida black bear (*Ursus americanus floridanus*). Any interaction with nuisance bears will be reported to the Florida Fish and Wildlife Conservation Commission (FWC) Wildlife Alert hotline 888-404-FWCC (3922).

Agency Coordination

The NRE was sent to FWC, National Marine Fisheries Service (NMFS), Florida Department of Agriculture and Consumer Services (FDACS), FDACS/Florida Forest Service (FFS), Florida Department of Environmental Protection (FDEP), SFWMD, U.S. Army Corps of Engineers (USACE) and U.S. Environmental Protection Agency (EPA) on September 10, 2025, in order to obtain comments from each agency. FWC provided a response letter on October 10, 2025, stating FWC agrees with the determinations of effect and supports the project implementation measures and commitments discussed in the NRE. NMFS provided confirmation on September 10, 2025, that the project will not impact Essential Fish Habitat or species/critical habitat under the NMFS' purview. Review comments were also received from FDEP (10/3/25), FDACS/FFS (9/25/25), SFWMD (10/2/25), and USACE (10/10/25) and included in the project file.

On September 5, 2025, FDOT OEM transmitted the NRE to USFWS and requested initiation of Section 7 Formal Consultation for the project's effects on the Florida panther, eastern black rail, eastern indigo snake and Audubon's

crested caracara. USFWS requested additional information to complete formal consultation. As a result, the *NRE Addendum* (October 2025) was prepared and included changing the project's effect determination on eastern black rail to "may affect, not likely to adversely affect". The USFWS issued a *Biological Opinion* on November 25, 2025 for the project which is attached.

5.2 Wetlands and Other Surface Waters

The following evaluation was conducted pursuant to Presidential Executive Order 11990 of 1977 as amended, Protection of Wetlands and the USDOT Order 5660.1A, Preservation of the Nation's Wetlands.

A *NRE* (August 2025) and a *NRE Addendum* (October 2025) were prepared under separate cover and are located in the project file.

The Preferred Alternative and preferred pond sites will result in 13.51 acres of wetland impacts (10.21 acres permanent and 3.30 acres secondary wetland impacts) and 72.20 acres of permanent impacts to other surface waters (ditches and canals). Wetlands to be impacted by the proposed improvements include freshwater marshes and wet prairies. A description of land use, dominant vegetation, soil type and other descriptors regarding these communities is provided in the *NRE*.

The Uniform Mitigation Assessment Methodology (UMAM) analysis was performed on representative wetland impact areas and resulted in a functional loss of 7.06 units (6.73 functional units for direct impacts and 0.33 functional units for secondary impacts). In 2024, the Lake Istokpoga Mitigation Bank was approved to sell federal and state freshwater wetland mitigation bank credits. As of May 11, 2026, this mitigation bank has been permitted for credits to cover the project's needs. Wetland impacts which will result from the construction of this project will be mitigated pursuant to Section 373.4137, F.S., to satisfy all mitigation requirements of Part IV of Chapter 373, F.S., and 33 U.S.C. 1344. The project area is located within the South Kissimmee Drainage Regulatory Basin. If wetland impacts cannot be mitigated in basin, then a cumulative impact analysis will be completed and coordinated with permitting agencies for review and approval of the project's required wetland mitigation.

Wetlands and surface waters are located within the jurisdictional boundaries of SFWMD and USACE. Due to the project's proposed wetland impacts, the project is anticipated to require a SFWMD Environmental Resource Permit and USACE 404 Permit.

Pursuant to Executive Order 11990 Protection of Wetlands, all federally funded highway projects are to protect wetlands to the fullest extent possible. In accordance with this policy, wetland and other surface water impacts have been minimized to the extent practicable by designing concepts within existing uplands, developed right-of-way and adjacent developed lands to reduce the project's footprint within adjacent wetlands and other surface waters. There is no practicable alternative to construction in wetlands. As avoidance and minimization measures have been applied with the development of the Preferred Alternative, and mitigation will be provided for any unavoidable wetland impacts. Therefore, the proposed project will have no significant short-term or long-term adverse impacts to wetlands or other surface waters.

The *NRE* was provided on September 10, 2025 to state and federal agencies as noted in **Section 5.1**, and all agency responses are included in the project file. The agencies either concurred or had minor comments.

5.3 Essential Fish Habitat (EFH)

There is no Essential Fish Habitat (EFH) in the project area.

5.4 Floodplains

Floodplain impacts resulting from the project were evaluated pursuant to Executive Order 11988 of 1977, Floodplain Management.

A Pond Siting Report (PSR) (December 2025) and *Location Hydraulics Report (LHR)* (August 2025) were prepared under separate cover and are located in the project file.

The project is mostly located within the Federal Emergency Management Agency (FEMA) Zone A which are areas of the 100-year floodplain. There are no FEMA floodways within the project study area. A floodplain map is included in Appendix F of the *LHR* (August 2025). Floodplain impacts were identified to calculate the cup for cup required area needed for the project's floodplain compensation sites.

The proposed roadway and associated drainage improvements were evaluated and do not result in adverse floodplain stage increases. This is due to the addition of the preferred FPC sites (FPC 1B and FPC 2-3B, FPC 4A, FPC 5A, FPC 6B, and FPC 7B) and increasing sizes of existing cross drains (CD-1 through CD-7). The PSR and LHR included documentation on the floodplain calculations. The proposed addition of the FPC sites and modification to existing cross drains will improve overall watershed flow within the project corridor. Therefore, the risk assessment of the proposed improvements with applicable mitigation measures associated with the Preferred Alternative will have minimal encroachments on the floodplain and will not result in significant impacts.

The impacts to the 100-year floodplain resulting from construction of fill within the floodplain, the modification of existing drainage structures and bridges, impacts next to stormwater management facilities adjacent to wetlands and storage areas for this project will be mitigated by floodplain compensation where required. The proposed structures will perform hydraulically in a manner equal to or better than the existing structures, and backwater surface elevations are not expected to increase. These changes may cause minimal increases in flood heights and flood limits; however, these changes will not result in any significant adverse impacts on the natural and beneficial floodplain values or any significant changes in flood risk or damage.

Therefore, it has been determined that the project's floodplain encroachment is not significant.

5.5 Sole Source Aquifer

Biscayne Aquifer

The proposed project is located in a recharge area for the Biscayne Aquifer, a designated sole source aquifer. Pursuant to the Safe Drinking Water Act, as amended, 40 C.F.R. Part 149, the proposed project requires a sole source aquifer impact review and concurrence to ensure there is no potential for contamination. The EPA Sole Source Aquifer Project Review Form was completed for the project. The FDOT has determined that through the implementation of stormwater treatment facilities and best management practices, the proposed project will not impact the sole source aquifer.

The project's Sole Source Aquifer Project Review Form Section B was emailed to EPA on May 15, 2025. The EPA provided concurrence with a Sole Source Aquifer Review/Concurrence letter on June 16, 2025. The EPA concurrence

letter is attached. EPA indicated use of Best Management Practices (BMP) for roadway construction and/or dewatering operations including, FDM Chapter 320 (Stormwater Pollution Prevention Plan [SWPPP]; FDOT Standard Specifications for Road and Bridge Construction (Section 6-Control of Materials, Section 104 - Prevention, Control, and Abatement of Erosion and Water Pollution, and Section 455-Structures Foundations); and US Bureau of Reclamation Engineering Geology Field Manual (Chapter 20 Water Control), will be utilized to ensure the project will have no significant impact to the aquifer system. Therefore, the FDOT will utilize BMPs for the roadway construction and/or dewatering operations.

5.6 Water Resources

A *PSR* (December 2025) and *LHR* (August 2025) were prepared to address the stormwater management needs resulting from the Preferred Alternative. In addition, a *Water Quality Impact Evaluation (WQIE)* (June 2025) was prepared under separate cover for the project file. The *PSR*, *LHR* and *WQIE* are located in the project file.

There are seven existing drainage basins within the project study area which ultimately outfalls to waterbody identification number (WBID) 3204, Harney Pond Canal, and WBID 3206, Indian Prairie Canal, which both are impaired for nutrients and included in the Lake Okeechobee Basin Management Action Plan (BMAP). There are no existing SMF sites for S.R. 70. Nutrient loading calculations were performed and show a net reduction for the recommended SMF sites. The preferred pond sites were selected based on hydraulic and environmental considerations as well as preliminary right-of-way costs.

In accordance with Chapter 62-330, F.A.C., and SFWMD *Environmental Resource Permit Applicant's Handbook* Volume II, Part IV, water quality treatment for linear pond alternatives will provide treatment for 50% of 1-foot over the contributing basin or 50% of 2.5 feet over the impervious area, whichever is greater. Water quality treatment for offsite and regional pond alternatives provides the greater of 1-foot over the contributing basin or 2.5 feet over the impervious area. An additional 50% of water quality treatment has been added since all basins discharge to impaired waterbodies (WBID 3204/3206). Therefore, dry retention is treating 0.8 feet over the basin or 1.88 feet over the impervious area and the wet detention is treating 1.5 feet over the basin or 3.75 feet over the impervious area.

The proposed discharge rate for the 25 year/72 hour storm is limited to the existing rate and the proposed discharge rate for the 10 year/72 hour storm is limited to 35.4 CSM (cubic feet per second per square mile) according to the C-41 Basin Requirement. Due to the CSM discharge rate controls, the CSM volume was subtracted from the Post 10 year/72 hour volume to obtain the required attenuation.

The preferred SMF are SMF 1, SMF 2A, SMF 3A, SMF 4, SMF 5, SMF 6, and LIN 7L & LIN 7R.

The *WQIE* checklist resulted in a determination that water quality regulatory requirements apply to this project. Therefore, water quality and stormwater issues will be mitigated through compliance with the design requirements of authorized regulatory agencies, and the project will require an Individual Environmental Resource Permit (ERP) to obtain the project's water quality certification.

During future project phases and prior to construction, a SFWMD ERP permit and a National Pollutant Discharge Elimination System (NPDES) FDEP Construction Generic Permit will be obtained prior to construction of the project. Also, a Stormwater Runoff Control Concept (SRCC) will be developed during the design phase and the SRCC will include a conceptual layout for sediment and erosion control. Construction BMPs for erosion and sediment control are anticipated to include use of silt fence, turbidity fence and floating turbidity curtains. Additional BMPs may include the use of dewatering structures and containment devices that will minimize adverse effects to water quality during construction by controlling

turbid water discharges outside construction limits.

5.7 Aquatic Preserves

There are no aquatic preserves in the project area.

5.8 Outstanding Florida Waters

There are no Outstanding Florida Waters (OFW) in the project area.

5.9 Wild and Scenic Rivers

There are no designated Wild and Scenic Rivers or other protected rivers in the project area.

5.10 Coastal Barrier Resources

It has been determined that this project is neither in the vicinity of, nor leads directly to a designated coastal barrier resource unit pursuant to the Coastal Barrier Resources Act of 1982 (CBRA) and the Coastal Barrier Improvement Act of 1990 (CBIA).

6. Physical Resources

The project will not have significant impacts to physical resources. Below is a summary of the evaluation performed for these resources.

6.1 Highway Traffic Noise

The following evaluation was conducted pursuant to 23 CFR 772 Procedures for Abatement of Highway Traffic Noise and Construction Noise, and Section 335.17, F.S., State highway construction; means of noise abatement.

The project is identified as a Type I project pursuant to 23 CFR Part 772 and 335.17, F.S. A *Noise Contour Technical Memorandum (NCTM)* (June 2025) was prepared and is located in the project file. There is one receptor along the project limits, Brighton First Baptist Church. The existing S. R. 70 roadway segment in this vicinity just west of C.R. 721 S is being modified into a cul-de-sac with the Preferred Alternative, resulting in reduced traffic volumes and corresponding decrease in noise levels. Since this single noise sensitive site will not be impacted by the proposed roadway, a Noise Study Report is not required. The *NCTM* documented the noise contours to support local agencies in land use planning along the corridor and the predicted noise level for Brighton First Baptist Church.

Under existing conditions (2022), exterior traffic noise levels are predicted to be 64.5 decibels on an A-weighted scale [dB(A)], and 66.2 dB(A) with the future no-build condition. In the design year (2052) with the Preferred Alternative, traffic noise levels are predicted to be 53.3 dB(A). Traffic noise levels are not predicted to approach, meet, or exceed the Noise Abatement Criteria (NAC) of 66 dB(A) for Activity Category C at the Brighton First Baptist Church.

The traffic noise analysis produced noise contours for the Preferred Alternative. **Table 6-1** includes distances from the proposed improved roadway edge of travel to the predicted traffic noise impact area for each noise land use activity category in decibels dB(A).

Activity Category (NAC)	Distance to Approach (within 1 dB(A)) of NAC for Activity Category (feet)*
A [56 dB(A)]	255 feet
B & C [66 dB(A)]	80 feet
E [71 dB(A)]	30 feet
Note	
*Distance is approximate and is referenced to the nearest through lane. Distance does not account for any reduction in noise levels that may be provided by berms, privacy walls or intervening structures. Distance does not account for any increase in noise levels that may be caused by a variation in the noise path, increase roadway elevation or increased elevation of the noise sensitive sites (i.e. second floor patio).	

Table 6-1: Noise Contours

6.2 Air Quality

This project is not expected to create adverse impacts on air quality because the project area is in attainment for all National Ambient Air Quality Standards (NAAQS) and because the project is expected to improve the Level of Service (LOS) and reduce delay and congestion on all facilities within the study area.

Construction activities may cause short-term air quality impacts in the form of dust from earthwork and unpaved roads.

These impacts will be minimized by adherence to applicable state regulations and to applicable FDOT Standard Specifications for Road and Bridge Construction.

6.3 Contamination

A Level-I contamination evaluation was completed for the project and a *Contamination Screening Evaluation Report* (CSER) (August 2025) was prepared under separate cover and is included in the project file. It documents potential contamination concern along the project corridor. Based on the methodologies performed as part of this study, 39 potential contamination sites were identified as having the potential for hazardous material or petroleum impacts. Of these 39 sites, none (0) received an initial risk rating of "No", 7 sites received an initial risk rating of "Low", and 32 received an initial risk rating of "Medium". **Table 6-2** lists each potential contamination site and a map exhibit is attached. All preferred SMF and FPC sites have issues of legacy contaminants, which have been deemed to qualify as a risk rating of "Medium". SMF and FPC sites are accounted for within the sites listed by footnote in **Table 6-2**.

Facility Site ID Number	Facility Name	Potential Contamination Type	Approximate Distance From Project (feet)	Risk Rating
22	Classic Turf	Hazardous Waste	1,000	Low
23	Woerner South Inc	Pesticides, Heavy metals	Within proposed concept	Low
28	Aaron Ranch Corp	Pesticides, Heavy metals	Within proposed concept	Low
29	Lykes Bros Inc	Pesticides, Hazardous materials	Within proposed concept	Low
30	Aaron Ranch Corp	Petroleum, Herbicides, Pesticides, Arsenic, and PCBs	200	Low
31	Lykes Bros Inc	Pesticides, Heavy metals	190	Low
39	Lykes Bros Inc	Pesticides, Heavy metals	Within proposed concept	Low
1	Agra Products LLC	Pesticides, Heavy metals	Within proposed concept	Medium
2	3 W Ranch LLC	Pesticides, Heavy metals	Within proposed concept	Medium
3	Jerry L Emmert	Pesticides, Heavy metals	Within proposed concept	Medium
4	South Wind Grove - Former Pump House	PCBs, Arsenic, Zinc, Pesticides	90	Medium
5	Jerry L Emmert	Pesticides, Heavy metals	Within proposed concept	Medium
6	Legends Ranch FI LLC	Pesticides, Heavy metals	Within proposed concept	Medium
7	South Wind Grove - Former Pump House	PCBs, Arsenic, Zinc, Pesticides	20	Medium
8	3 W Ranch LLC	Pesticides, Heavy metals, Petroleum	Within proposed concept	Medium
9	3 W Ranch LLC	Pesticides, Heavy metals	Within proposed concept	Medium
10	Legends Ranch FI LLC	Pesticides, Heavy metals, Petroleum	Within proposed concept	Medium
11	Florida Power + Light Co	Pesticides, Heavy metals	Within proposed concept	Medium
12	Suspected Cattle Dip Vat	Arsenic, DDT	230	Medium
13	Cattle Pen	Hazardous materials	200	Medium
14	Premier Citrus - Sunray Groves	Pesticides, Heavy metals	390	Medium
15	Above-Ground Storage Tank	Petroleum	100	Medium
16	Florida Power + Light Co	Pesticides, Heavy metals	Within proposed concept	Medium
17	Bridge #090920	Asbestos Containing Materials	40	Medium
18	Archbold Expeditions	Pesticides, Hazardous materials	190	Medium

19	Legends Ranch FI LLC	Pesticides, Heavy metals	Within proposed concept	Medium
20	Cattle Pen	Pesticides, Heavy metals	260	Medium
21	Panamanian Ranches LLC	Pesticides, Heavy metals	190	Medium
24	Woerner South Inc	Pesticides, Heavy metals	50	Medium
25	Panamanian Ranches LLC	Pesticides, Heavy metals	Within proposed concept	Medium
26	Panamanian Ranches LLC	Pesticides, Heavy metals, Hazardous materials	Within proposed concept	Medium
27	American Tower L P	Pesticides, Heavy metals	350	Medium
32	Bridge #090009	Asbestos Containing Materials	100	Medium
33	Lykes Bros Inc	Pesticides, Hazardous materials	Within proposed concept	Medium
34	Lykes Bros Inc	Pesticides, Hazardous materials	Within proposed concept	Medium
35	Lykes Bros Inc	Pesticides, Hazardous materials, Heavy metals	Within proposed concept	Medium
36	Lykes Bros Inc	Pesticides, Heavy metals	Within proposed concept	Medium
37	Brighton Baptist Church	Hazardous materials	Within proposed concept	Medium
38	Lykes Bros Inc	Petroleum	60	Medium
<p>Note: Preferred SMF/FPC Sites within the same parcels that have the following Facility Site ID Numbers: SMF 1: 10 & 19; SMF 2A: 19 & 20; SMF 3A: 33; SMF 4: 34; SMF 5: 34; SMF 6: 35; LIN7L: 35; LIN7R: 35; FPC 1B: 9; FPC 2-3B: 33; FPC 4A: 34; FPC 5A: 34; FPC 6B: 34 & 35; FPC 7B: 35</p> <p>PCB=Polychlorinated Biphenyls</p>				

Table 6-2: Potential Contamination Sites

For sites rated "No" and "Low" for potential contamination, no further action is required at this time. These sites/facilities have potential to impact the study area but based on variables such as current site operations and distance to the project area, have been determined to have low risk to the corridor at this time. Variables that may change the risk rating include a facility's non-compliance with environmental regulations, new discharges to the soil or groundwater, and modifications to current permits. Should any of these variables change an additional assessment of the facilities will be conducted.

For the site with a risk rating of "Medium", which consists of an underground petroleum storage tank that is undergoing cleanup activities for historic groundwater contamination due to a gasoline leak, the Project Manager (PM) and District Contamination Impact Coordinator (DCIC) will coordinate to determine if Level-II testing and/or Level-III support will be warranted. This may include determining if the FDEP/FDOT Memorandum of Understanding (MOU) applies to any sites, conducting Level II activities or recommending Level III or remedial activities, notes on the plans, design modifications and/or special provisions prior to or during construction.

Existing bridge structures were not physically evaluated or tested for hazardous materials as part of this contamination screening evaluation. However, as shown in **Table 6-2**, hazardous materials including asbestos-containing materials and metal-based coatings could exist at Bridge 090920, the S.R. 70 bridge over the Harney Pond Canal and Bridge 090009, the S.R. 70 bridge over the Indian Prairie Canal, given the age of the original infrastructure. The Preferred Alternative includes the removal of Bridges 090920 and 090009. A pre-construction hazardous material survey will be performed at these locations during final design.

6.4 Utilities and Railroads

The project's *Utility Assessment Package* (December 2025) was prepared and is located in the project file. The Utility Agency/Owners (UAOs) were determined using a variety of sources. A Sunshine 811 Design Ticket was requested and a field review was conducted. Above ground utility features were noted and verified with the utility providers and operators

during the coordination process for the project. Base maps were sent to utility providers with a request to provide information on existing and planned utilities within the project area. The final source of data collection was from As-built plans along or adjacent to the study area.

Utility easements for the Florida Power and Light (FPL) high voltage overhead transmission line and Florida Gas Transmission (FGT) buried gas transmission are in the project limits. The FPL easement runs along the north side of S.R. 70, and FPL has plans to replace their poles and lines within their easement. The FGT line runs north of S.R. 70. The roadway widening associated with the Preferred Alternative was aligned to avoid direct impacts to proposed FPL transmission pole locations through coordination with FPL. The roadway widening will not impact the FGT line. There are several preferred pond sites (SMF 1, 2A, and 3A) and one FPC site (FPC 2-3B) are situated north of the FGT easement and conveyance crossings will be needed to convey stormwater to these preferred sites. Project design efforts will seek to avoid or minimize impacts to existing utilities to the extent feasible within the roadway ROW.

Table 6-3 summarizes utility type, location and name of utility company/owner.

Utility Agency/Company	Utility Description	Location
Florida Gas Transmission Company, LLC	30" Gas Main	Located on the north side of the study corridor
Glades Electric Coop	3-phase feeder supplying 7.2 kilovolt (kV)	Runs along the south side of the study corridor. All structures located outside of the existing FDOT ROW
Lumen/Century Link (National & Local)	Fiberoptic and Underground Copper	Runs along the south side through the S.R. 70 Corridor
Florida Power & Light (Transmission & Distribution)	19kV, 69 kV & 230kV Transmission Line	Runs along the north side of the study corridor. Structures located outside of the existing FDOT ROW

Table 6-3: Existing Utilities

There are no railroads within the project limits.

6.5 Construction

Construction activities for the proposed project may cause minor short-term air quality, noise, water quality, traffic congestion, and visual impacts for nearby residents and the traveling public. The air quality effect will be temporary, localized, and will primarily be in the form of construction exhaust emissions and fugitive dust generated from equipment during project construction. Air pollution associated with the creation of airborne particles will be effectively controlled through the use of watering or the application of other controlled materials.

Based on the existing land use within the limits of this project, construction of the proposed roadway improvements will not have any noise or vibration impact. If noise-sensitive land uses develop adjacent to the roadway prior to construction, additional impacts could result. It is anticipated that the application of the FDOT Standard Specifications for Road and Bridge Construction will minimize or eliminate most of the potential construction noise and vibration impacts. However, should unanticipated noise or vibration issues arise during the construction process, the Project Manager, in concert with the District Noise Specialist and the Contractor, will investigate additional methods of controlling these impacts.

Federal regulations (40 CFR Part 122) prohibit point source discharges of stormwater to waters of the U.S. without a NPDES permit. Under the State of Florida's delegated authority to administer the NPDES program, construction sites that will result in greater than one (1) acre of disturbance must file for and obtain either coverage under an appropriate generic permit contained in Chapter 62-621, F.A.C. or an individual permit issued pursuant to Chapter 62-620, F.A.C. The FDEP

issues these permits. A major component of the NPDES permit is the development of a SWPPP. The SWPPP identifies potential sources of pollution that may reasonably be expected to affect the quality of stormwater discharges from the site and discusses good engineering practices (i.e., best management practices) that will be used to reduce the pollutants. The contractor will obtain the NPDES permit and prepare the SWPPP prior to construction. Additionally, the associated requirement to develop and implement a SRCC will be addressed during design.

Water quality impacts resulting from erosion and sedimentation will be controlled through the use of BMPs. All state water quality criteria will be met. Short-term construction related wetland impacts will be minimized through the use of BMPs such as the use of siltation barriers, dewatering structures, and containment devices to control turbid water discharges outside of construction limits.

Maintenance of traffic and sequence of construction will be planned and scheduled so as to minimize traffic delays throughout the project. Signage will be used as appropriate to provide pertinent information to the traveling public. The local news media will be notified in advance of road closings and other construction related activities to allow for the planning of alternate routes. Access to local properties, businesses and residences will be maintained to the extent practical through controlled construction scheduling and the implementation of the project's specific Traffic Control Plan(s). Aesthetic impacts will be temporary and could consist of the staging of construction equipment and materials.

Construction activities will be phased to maintain two lanes of traffic at all times, minimizing disruptions to motorists and adjacent properties. A portion of the roadway construction will occur on new alignment outside the existing travel lanes, such as in the east portion of the project at C.R. 721. This allows construction activities in these areas to proceed without affecting current traffic operations. In areas where the new roadway will be constructed along the existing S.R. 70 alignment, traffic will remain on the existing two-lane road while the contractor builds the two future eastbound lanes. This first phase also would consist of constructing the proposed stormwater facilities and cross drain extensions outside of the existing roadway. The second phase would shift the traffic to the newly constructed asphalt to enable the reconstruction of the existing travel lanes and completion of the cross drain widening. The third phase would involve completing the median construction, the final roadway friction course, and the final pavement markings.

7. Engineering Analysis Support

The engineering analysis supporting this environmental document is contained within the Preliminary Engineering Report (June 2026) .

8. Permits

The following environmental permits are anticipated for this project:

Federal Permit(s)

USACE Section 10 or Section 404 Permit
USACE Section 408 Permit

Status

To be acquired
To be acquired

State Permit(s)

DEP or WMD Environmental Resource Permit (ERP)
DEP National Pollutant Discharge Elimination System Permit
WMD Right of Way Permit

Status

To be acquired
To be acquired
To be acquired

9. Public Involvement

The following is a summary of public involvement activities conducted for this project:

Summary of Activities Other than the Public Hearing

A *Public Involvement Plan* (October 2023) was prepared under separate cover and is included in the project file. This plan details the public involvement approach for the project and documents public outreach methods including a project website, newsletters, a public meeting, and a public hearing. Agencies and elected and appointed officials were included in a mailing list as well as other project stakeholders. The *Comments and Coordination Report* (CCR-March 2026), prepared under separate cover and included in the project file, fully documents the public and stakeholder involvement conducted for this project.

Public involvement activities include a June 2023 project kick-off newsletter sent to residents and stakeholders. The newsletter provided information on the need for the project and information about the PD&E study process and is included in Appendix B of the CCR. A project website, <https://www.swflroads.com/project/449851-1>, was created to provide the public with project specific information and give the public an opportunity to make comments and ask questions about the project.

An in-person Alternatives Workshop was held for the public on June 13, 2024, at the Town of Lake Placid Government Center in Lake Placid from 5:00 PM to 7:00 PM. The meeting followed an open house format and provided an opportunity for the public to review the proposed project layout and speak one-on-one with project team members. A virtual Alternatives Workshop was held on June 20, 2024 starting at 6:00 PM which included a meeting introduction, project video, and a question and answer period. Attendees typed-in questions, the virtual meeting moderator read the questions, and the project team provided answers while using concept plan maps for display purposes.

Notices for the Alternatives Workshop consisted of a newsletter, that was mailed to property owners and distributed to elected and agency officials and other stakeholders in May 2024. Notices were placed for the Alternatives Workshop in the *Florida Administrative Register* on June 3, 2024, and in the *Highlands News-Sun* local newspaper on May 29, 2024. The notices and meeting materials are included in Appendix D of the CCR.

The in-person meeting was attended by 13 citizens and one (1) elected official from the Town of Lake Placid and the Lake Placid Police Chief who also provided security. All attendees were given the opportunity to provide written comments at the meeting or within the comment period following the meeting, ending July 5, 2024. The virtual meeting was attended by six (6) citizens including one (1) appointed official from Highlands County.

A total of 3 comments were submitted during the commenting period. The 2 comments from private citizens are in support of the project and widening S.R. 70 to four lanes. The third comment was provided by Archibold Station and provided information related to area's ecosystem, the western limits of the project where it meets the S.R. 70 segment to the west and their entrance location and u-turning for large vehicles, and conservation lands that exist in the area. FDOT provided responses to the comments that are included in the CCR.

Following the Alternatives Public Workshop, the project was presented to the HRTPO staff and committees on October 2, 2024 to explain the study process and the alternatives for the multiple ongoing S.R. 70 corridor projects in Highlands and Okeechobee Counties. During the meetings, general comments in support of the project were received. Regular project updates have been provided to the HRTPO through the FDOT liaison.

Date of Public Hearing: 02/17/2026

Summary of Public Hearing

A public hearing was conducted both in-person on February 17, 2026 and virtually on February 19, 2026 to present information to and receive public input from interested persons regarding the preferred alternative and evaluation performed to date. The in-person public hearing session was held at the Town of Lake Placid Government Center Community Room, 1069 U.S. 27 North, Lake Placid, FL starting at 5:30 p.m. with an open house for the public to view displays and a formal presentation and public comment period beginning at 6:00 p.m. The virtual session was held using GotoWebinar starting at 6:00 p.m. which included a meeting introduction, project video and formal comment period. The proceedings for the in-person and virtual sessions were recorded by the court reporter that was on-site through the evenings. A *Public Hearing Scrapbook* (February 2026) was prepared and is included in the project file, and along with the CCR, documents all notices and materials presented at the public hearing.

The public hearing notices consisted of a newsletter, that was mailed to property owners and distributed to elected and agency officials and other stakeholders in January 2026. Notices were placed for the public hearing in the *Florida Administrative Register* on February 10, 2026, and in the *Highlands News-Sun* local newspaper on January 30 and February 8, 2026.

A total of 6 citizens (non-staff) signed in and attended the in-person Public Hearing session on February 17, 2026. Comment forms were received from one individual and no individual made verbal comments during the formal public comment session at the hearing by in-person attendees. A total of 11 citizens (non-staff) pre-registered for the virtual session and 6 of them attended the Public Hearing virtually on February 19, 2026. None of the citizens provided questions into the GotoWebinar chat and one person provided a verbal comment during the virtual session of the Public Hearing. During the overall public hearing comment period, which ended on March 2, 2026, no emailed comments were received from individuals. Overall, there were a total of two comments received from two unique members of the public. Public hearing displays, the legal display advertisements, notices, sign-in sheets, display graphics, PowerPoint slides for both the virtual and in-person sessions, and attendance rosters are included in Appendix E of the CCR.

The two public hearing comments provided differing views on the project. One comment indicated full support for the project including advancing to construction as soon as possible, while the other comment indicated preference for a no-build alternative to avoid encouraging future development that may impact the wildlife corridor.

The official *Public Hearing Certifications* (February 2026) and the *Public Hearing Transcripts* (February 2026) are attached and included in the project files. Public comments received during the public hearing comment period and responses provided are detailed in Appendix G of the CCR.

10. Commitments Summary

1. The most recent version of the USFWS *Standard Protection Measures for the Eastern Indigo Snake* will be implemented during construction.
2. A standard reconnaissance survey for Audubon's crested caracara nests will be completed prior to construction to identify any active nest location(s) to ensure accurate impact analysis.
3. FDOT will provide a financial contribution of \$89,476.20 to the Crested Caracara Conservation Fund for the project's impacts to Audubon's crested caracara primary zones of three nests.
4. FDOT will provide 152.80 eastern indigo snake acre credits from Platt Branch Mitigation Bank (PBMB), which include land cover types that provide habitat for the eastern indigo snake. The FDOT will provide USFWS with a letter or email from the PBMB stating that the credit ledger for the bank has been revised to reflect the deduction of credits. The FDOT will not commence construction of the proposed project until a response email or letter from USFWS has been received stating that they have received the document. Due to the project not currently being funded for construction, if eastern indigo snake credits are not available from PBMB, FDOT will contribute \$78,000 to the Eastern Indigo Snake Conservation Fund or an agreed amount by USFWS if a portion of the credits are provided by PBMB.
5. FDOT will mitigate habitat impacts to the Florida panther by providing 951 PHUs from the Platt Branch Conservation Mitigation Bank.
6. FDOT will design and construct wildlife shelves at the bridge crossings over the SFWMD canals (Canal C-40 and C-41), per current wildlife crossing guidelines.
7. FDOT will coordinate with SFWMD to evaluate each canal crossing to determine locations and lengths of herpetofauna funnel fencing to be installed without precluding SFWMD canal access and maintenance of canals.
8. FDOT will install landscaping utilizing native vegetation within the FDOT right-of-way and limits of funnel fencing.
9. In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #1: If potential roost trees or structures need to be removed, check cavities for bats within 30 days prior to removal of trees, snags, or structures. When possible, remove structure outside of breeding season (e.g., January 1 - April 15). If evidence of use by any bat species is observed, discontinue removal efforts in that area and coordinate with the USFWS on how to proceed.
10. In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #5: Conserve open freshwater and wetland habitats to promote foraging opportunities and avoid impacting water quality. Created/restored habitat should be designed to replace the function of native habitat.
11. In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #7: Avoid or limit widespread application of insecticides (e.g., mosquito control, agricultural pest control) in areas where Florida bonneted bats are known or expected to forage and roost.
12. In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practice #11: Avoid and minimize the use of artificial lighting, retain natural light conditions, and install wildlife friendly lighting (i.e., downward facing, and lowest lumens possible). Avoid permanent night-time lighting to the greatest extent practicable.
13. If eastern black rails are observed in the project's action area prior to or during construction, consultation with USFWS will be reinitiated.

14. If the tricolored bat is listed by the USFWS as threatened or endangered prior to the completion of construction, FDOT commits to reinitiating consultation with USFWS to determine appropriate avoidance and minimization measures.
15. FDOT will require contractors to remove garbage daily from the construction site or use bear proof containers for securing of food and other debris from the project work area to prevent these items from becoming an attractant for the Florida black bear (*Ursus americanus floridanus*). Any interaction with nuisance bears will be reported to the FWC Wildlife Alert hotline 888-404-FWCC (3922).
16. To avoid potential impacts to the Biscayne Sole Source Aquifer associated with roadway construction and/or dewatering operations, FDOT will utilize Best Management Practices including:
FDM Chapter 320 (Stormwater Pollution Prevention Plan [SWPPP]); FDOT *Standard Specifications for Road and Bridge Construction* (Section 6-Control of Materials, Section 104 - Prevention, Control, and Abatement of Erosion and Water Pollution, and Section 455-Structures Foundations); and US Bureau of Reclamation *Engineering Geology Field Manual* (Chapter 20 Water Control).

11. Technical Materials

The following technical materials have been prepared to support this Environmental Document and are included in the Project File.

Farmland Memo (March 2025)
Sociocultural Data Report (August 2025)
Cultural Resources Assessment Survey (August 2025)
Natural Resources Evaluation Addendum (October 2025)
Water Quality Impact Evaluation Checklist (June 2025)
Natural Resources Evaluation (August 2025)
Location Hydraulics Report (August 2025)
Pond Siting Report (December 2025)
Contamination Screening Evaluation Report (August 2025)
Noise Contour Technical Memorandum (June 2025)
Utility Assessment Package (December 2025)
Project Traffic Analysis Report (January 2025)
Preliminary Engineering Report (June 2026)
Public Involvement Plan (October 2023)
Alternatives Workshop Scrapbook (July 2024)
Public Hearing Scrapbook (February 2026)
Comments and Coordination Report (March 2026)

Attachments

Planning Consistency

Planning Consistency Documentation (June 2026)

Community Effects

Existing and Future Land Use Maps

Farmland Conversion Impact Rating Form (NRCS-CPA-106)

Cultural Resources

SHPO Concurrence Letter (October 2025)

Natural Resources

Biological Opinion (November 2025)

Sole Source Aquifer EPA Concurrence Letter (June 2025)

Physical Resources

Potential Contamination Site Maps (August 2025)

Public Involvement

Public Hearing Certification In-Person Session Feb 17-2026

Public Hearing Transcript In-Person Session Feb 17-2026

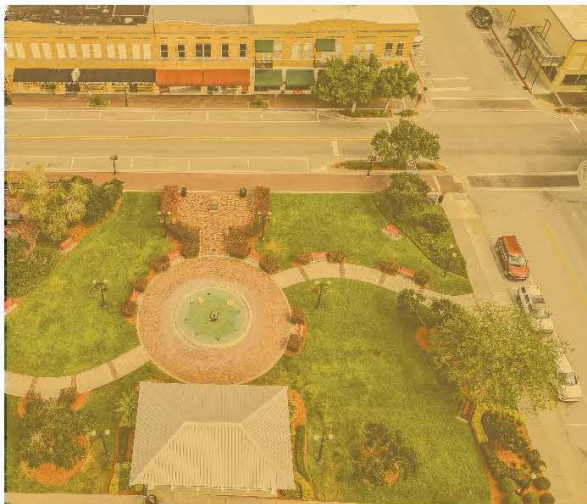
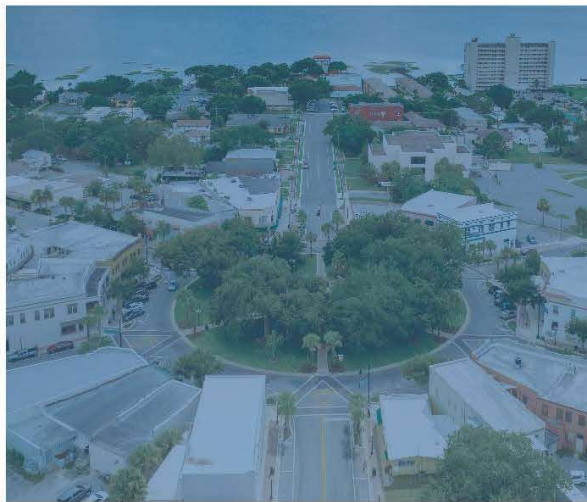
Public Hearing Certification Virtual Session Feb 19-2026

Public Hearing Transcript Virtual Session Feb 19-2026

Planning Consistency Appendix

Contents:

Planning Consistency Documentation (June 2026)



LONG RANGE 2050
TRANSPORTATION PLAN



HRTPO
Heartland Regional
Transportation Planning Organization

Adoption Date: March 11, 2026

Project Cost in Year of Expenditures (in Millions)

Heartland Regional Transportation Planning Organization 2050 Cost Feasible Plan

Jurisdiction	Facility	Description	Location	Funding Source	TIP Years											
					2026-2030		2031-2035		2036-2040		2041-2050					
					Design	ROW	Design	ROW	Design	ROW	Design	ROW				
DeSoto County	CR 769 (Kings Hwy)	Widen to 4 lanes	Charlotte CL - Glenadine Ave	State and Federal		\$33.10										
			Glenadine Ave - Agnes Street	State and Federal			\$2.86	\$8.01								
Highlands County	Sebring Pkwy	Phase IV Sebring Roundabout	Agnes Street - Peace River Street	State and Federal							\$5.63				\$14.27	
			Arbuckle Creek Rd	State and Federal		\$4.78										
			Congestion Management	State and Federal		\$5.32					\$2.00				\$3.49	
			Supplementary Local Roads Resurfacing	State and Federal		\$3.50					\$1.67				\$11.14	
			Transportation Alternatives	State and Federal		\$2.03					\$2.42				\$4.40	
			Transit	State and Federal		\$9.29					\$9.55				\$18.76	
Non-SIS Projects and Set-Asides Total by Time Band						\$58.50					\$26.50				\$52.06	

Jurisdiction	Facility	Description	Location	Funding Source	TIP Years											
					2026-2030		2031-2035		2036-2040		2041-2050					
					Design	ROW	Design	ROW	Design	ROW	Design	ROW				
Highlands County	SR 29	Widen to 4 lanes	N of CR 80-A (Cowboy Way) - Hendry C/L	State and Federal	\$12.50	\$28.85										
Highlands County	SR 70	Widen to 4 lanes	Lonesome Island Rd - CR 721	State and Federal	\$42.49										\$62.62	
Highlands County	SR 70	Widen to 4 lanes	US 27 - CR 29	State and Federal	\$4.19						\$1.36				\$7.49	
Highlands County	SR 70	Widen to 4 lanes	CR 721 - NW 128th Ave	State and Federal							\$6.80				\$98.10	
Highlands County	SR 70	Widen to 4 lanes	Jefferson Ave - US 27	State and Federal							\$14.50				\$7.57	
Okeechobee County	SR 710	New Roadway (4 lanes)	US 441 - L-63 Canal	State and Federal	\$1.53	\$13.68					\$6.40				\$53.42	
Okeechobee County	SR 710	Intersection Improvement	W of SE 126 Blvd - Okee/Martin C/L	State and Federal		\$4.87										
Okeechobee County	SR 710	Add Lanes and Reconstruct	W of SE 126 Blvd - Okee/Martin C/L	State and Federal		\$2.72										
Okeechobee County	Turnpike Mainline	Parking Improvements	Ft Drum Service Plaza	State and Federal	\$3.39											
Strategic Intermodal System (SIS) Fully Funded Total by Time Band											\$102.89				\$781.01	

2050 L RTP Totals		\$303.91	\$129.40	\$310.63	\$333.07
Non-SIS Project Totals		\$37.88	\$10.87	\$11.37	\$14.27
Set-Aside Totals		\$20.62	\$15.64	\$15.14	\$37.79
SIS Project Totals		\$245.41	\$102.89	\$284.12	\$281.01

PDC: Present Day Cost • YOE: Year of Expenditure • Design: Includes Project Development and Environment (PD&E) and Preliminary Engineering (PE) • ROW: Right-of-Way • CST: Construction • CL: County Line



Florida Department of

TRANSPORTATION

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- [Performance](#)
- [Projects](#)

Web Application

Federal Aid Management Sabrina Aubery - Manager

STIP Project Detail and Summaries Online Report

**** Repayment Phases are not included in the Totals ****

Selection Criteria	
Approved STIP Financial Project:449851 _ As Of:7/1/2025	Detail Related Items Shown

HIGHWAYS								
Item Number: 449851 1	Project Description: SR 70 FROM LONESOME ISLAND RD TO SOUTHERN LEG OF CR 721					*SIS*		
District: 01	County: HIGHLANDS	Type of Work: PD&E/EMO STUDY			Project Length: 7.614MI			
		Fiscal Year						
Phase / Responsible Agency		<2026	2026	2027	2028	2029	>2029	All Years
P D & E / MANAGED BY FDOT								
Fund Code:	ACNP-ADVANCE CONSTRUCTION NHPP	884,540						884,540
	ACSA-ADVANCE CONSTRUCTION (SA)	15,058	6,752					21,810
	DS-STATE PRIMARY HIGHWAYS & PTO	12,719						12,719
	NHPP-IM, BRDG REPL, NATNL HWY-MAP21	1,216,459						1,216,459
Phase: P D & E Totals		2,128,776	6,752					2,135,528
Item: 449851 1 Totals		2,128,776	6,752					2,135,528
Project Totals		2,128,776	6,752					2,135,528
Grand Total		2,128,776	6,752					2,135,528

This site is maintained by the Office of Work Program and Budget, located at 605 Suwannee Street, MS 21, Tallahassee, Florida 32399.

For additional information please e-mail questions or comments to:
Federal Aid Management

DeSoto, Glades, Hardee, Hendry, Highlands and Okeechobee County

Transportation Improvement Program

FISCAL YEARS 2025/26 - 2029/30



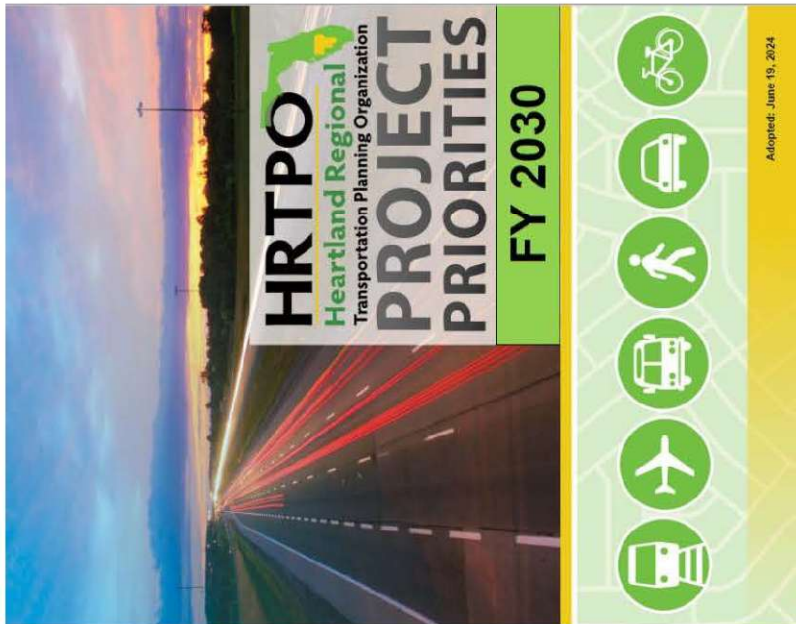
Adopted: June 18, 2025
Amended September 10, 2025

FY 2029/2030 Transportation Project Priorities

Project Selection

Each year the HRTPO is responsible for developing a list of Priority Transportation Projects and submitting the list to the Florida Department of Transportation (FDOT) for consideration during development of the Five-Year Work Program for DeSoto, Glades, Hardee, Hendry, Highlands, and Okeechobee Counties. Member governments of the HRTPO are requested to submit Transportation Project Applications and Priorities for Fiscal Year 2029/2030 to the HRTPO for transmittal to the Florida Department of Transportation (FDOT) for consideration of programming and funding by FDOT. The project applications are then scored based on criteria—found in Appendix A, developed by the Technical Advisory Committee and Citizens Advisory Committee, and adopted by the HRTPO Board—and ranked in order of priority. This process is conducted in accordance with federal requirements in the TPO planning process, and support FDOT’s Safety Target of zero deaths.

Consistent with federal requirements in 23 CFR 450.332 (b),(c), and Title 23, Section 134 USC, and other applicable federal and state requirements, the projects selected for the HRTPO TIP were based on a “snapshot” of the FDOT District Five-Year Work Program for Fiscal Years 2025/26 – 2029/30 dated April 10, 2024. The TIP was developed in cooperation with the state, local governments, and other transportation partners in the region including the Florida Department of Transportation, the counties of DeSoto, Glades, Hardee, Hendry, Highlands and Okeechobee including municipalities.



Project Priority Statement

A list of priority projects is presented to the TPO Board for adoption and submitted to FDOT for use in developing the new fifth year of the Five-Year Work Program. All priority projects are consistent with the TPO’s adopted Long Range Transportation Plan. Adopted June 18, 2024 by the HRTPO Board, the Project Priorities for Fiscal Years 2024/25 to 2029/30 were submitted to FDOT for consideration in the FDOT Tentative Work Program. As a policy of the HRTPO, total project cost will be used as additional criteria to prioritize projects that have the same ranking. Lower cost projects will be given higher priority and higher cost projects will be given lower priority.

Projects that bring more CAPACITY				Project Development Status					
				Step 1	Step 2	Step 3	Step 4		
Rank	Jurisdiction	Facility	Description	From	To	Project Development & Environment (PD&E)	Preliminary Engineering (PE)	Right of Way (ROW) Acquisition	Construction (CST)
1	Highlands	US 98	2 to 4	US 27	Airport Road	✓			
				Project Segment 414511-4 US 27 to Bay Blossom Dr		✓			
2	DeSoto	Kings Highway	2 to 4	Charlotte C/L	Peace River St	✓	✓		
				Project Segment 440342-2 Charlotte C/L to SW Glenadine Ave		✓	✓	2026	2027
3	Okeechobee	SR 710 Extension	New Road	US 98	US 441				
4	Okeechobee	SR 710 Extension	New Road	SR 70	US 98				
5	DeSoto	SR 31 Extension	New Road	SR 70	US 17	✓			
	Hendry	SR 29	2 To 4 Lanes	Cowboy Way	Whidden Rd	✓	✓	2028	
	Okeechobee	SR 710	New Road	US 441	L-63 Canal	✓	✓	2026	2029
			2 To 4 Lanes	E Of L-63 Canal	Sherman Woods Ranches	✓		>2030	
			2 To 4 Lanes	Sherman Woods Ranches	Okeechobee/Martin CL	✓	2029-2031		
				DeSoto CL	Peace River	Ongoing			
				W of SR 31	Highlands C/L	Ongoing			
				Highlands C/L	Jefferson Ave	Ongoing			
	DeSoto, Highlands & Okeechobee	SR 70	2 to 4 Lanes	Jefferson Ave	CR 29	Ongoing	2028	2031	2031
				CR 29	Lonesome Island Rd	✓	Ongoing		
				Lonesome Island Rd	CR 721	Ongoing			
				CR 721	128th Ave	Ongoing			
				128th Ave	US 98	Ongoing			

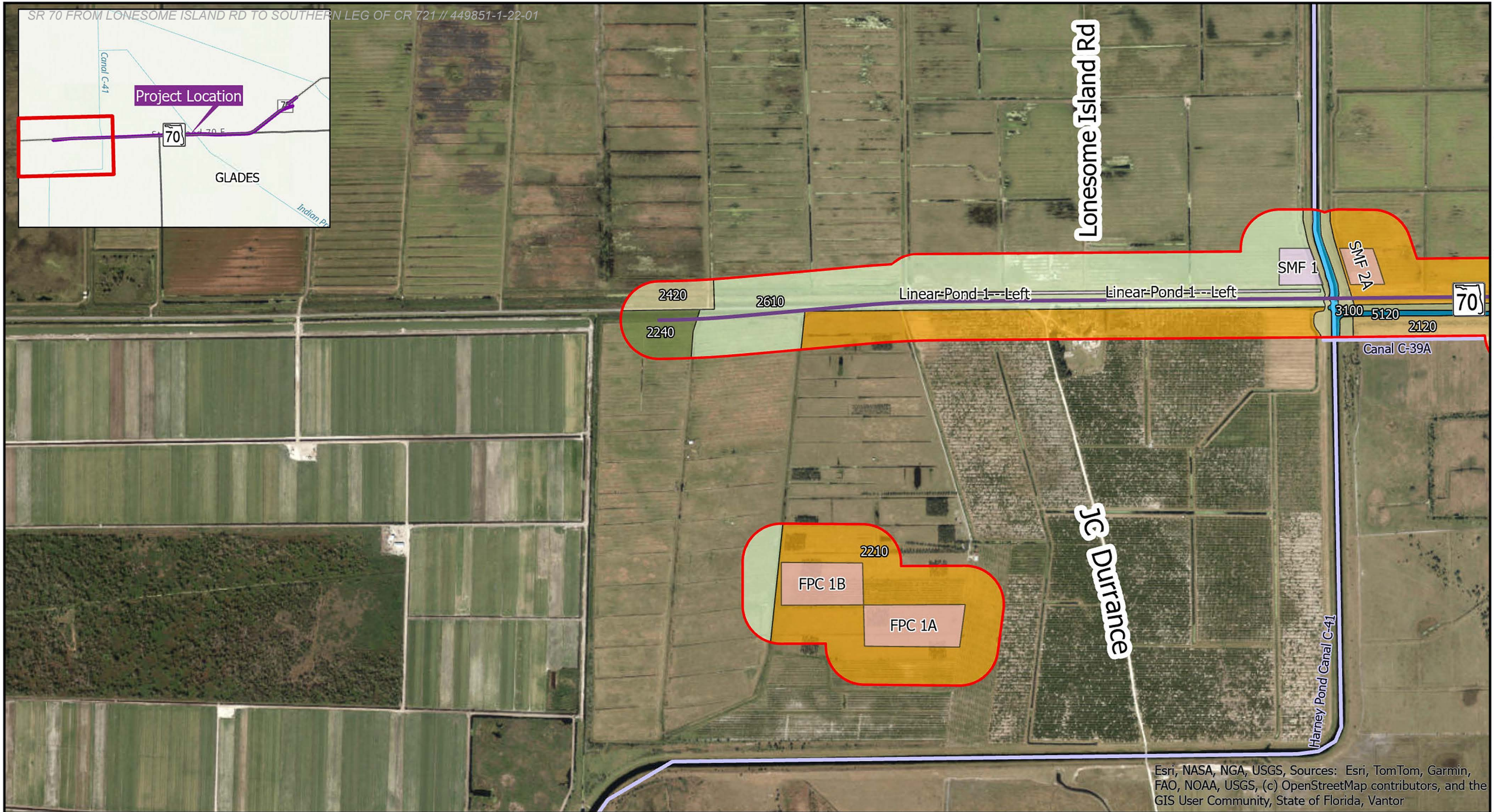
As SIS facilities, these improvements are not prioritized by the HRTPO

Community Effects Appendix

Contents:

Existing and Future Land Use Maps

Farmland Conversion Impact Rating Form (NRCS-CPA-106)



Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, State of Florida, Vantor

SR 70 Project Length	2150, Field Crops	4270, Live Oak
Proposed Pond Site	2210, Citrus Groves	4280, Cabbage Palm
500 ft buffer	2240, Abandoned Groves	5120, Channelized Waterways, Canals
SFWM D LULC	2420, Sod Farms	6170, Mixed Wetland Hardwoods
1400, Commercial and Services	2610, Fallow Cropland	6410, Freshwater Marshes / Graminoid Prairie - Marsh
2110, Improved Pastures	3100, Herbaceous (Dry Prairie)	6430, Wet Prairie
2120, Unimproved Pastures	3200, Upland Shrub and Brushland	6440, Emergent Aquatic Vegetation

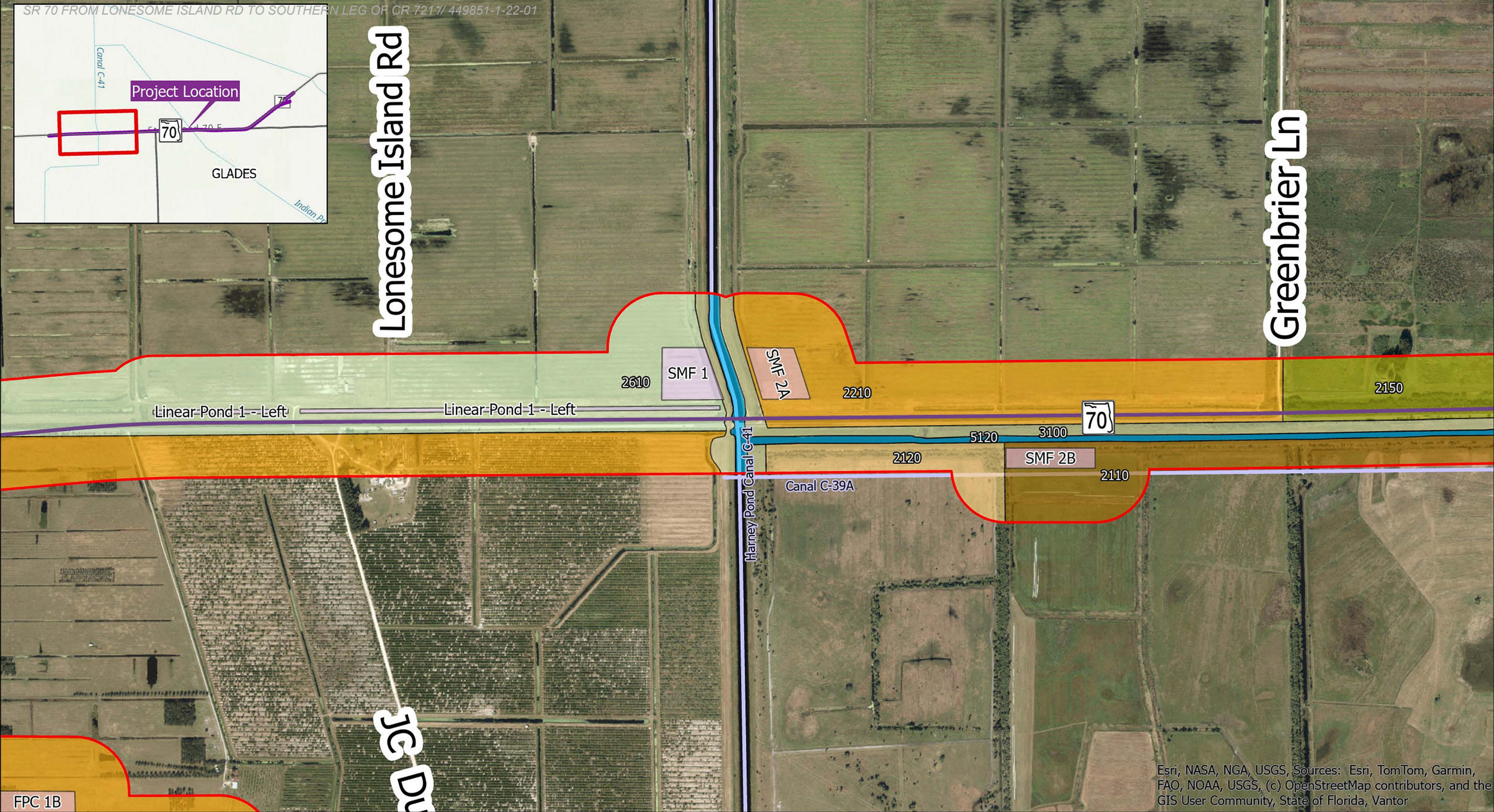
Existing Land Use
 SR 70 from Lonesome Island Rd to the southern leg of CR 721
 Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL

Page 47 of 176



Lonesome Island Rd

Greenbrier Ln

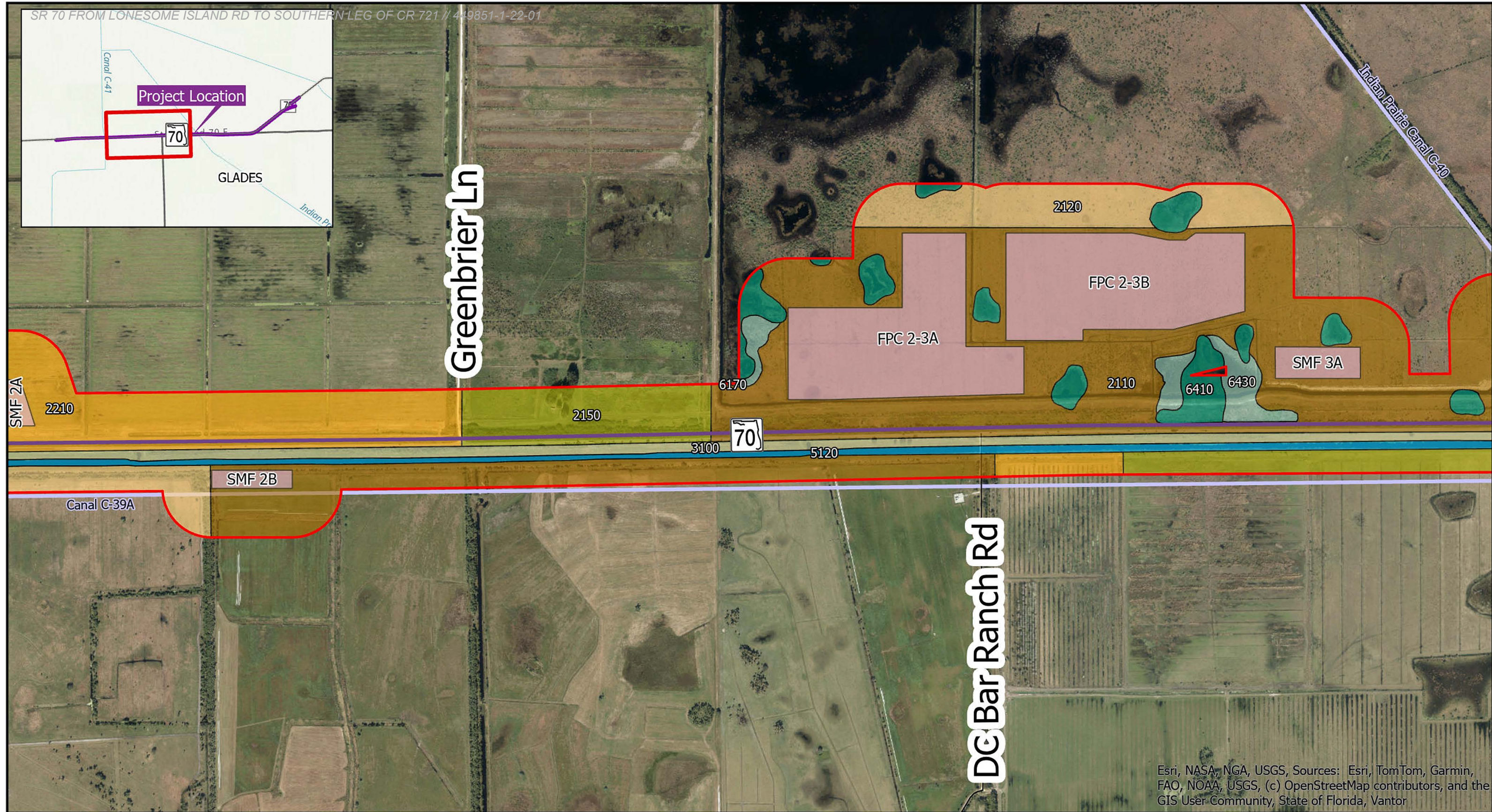


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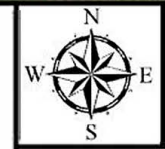
Page 48 of 176

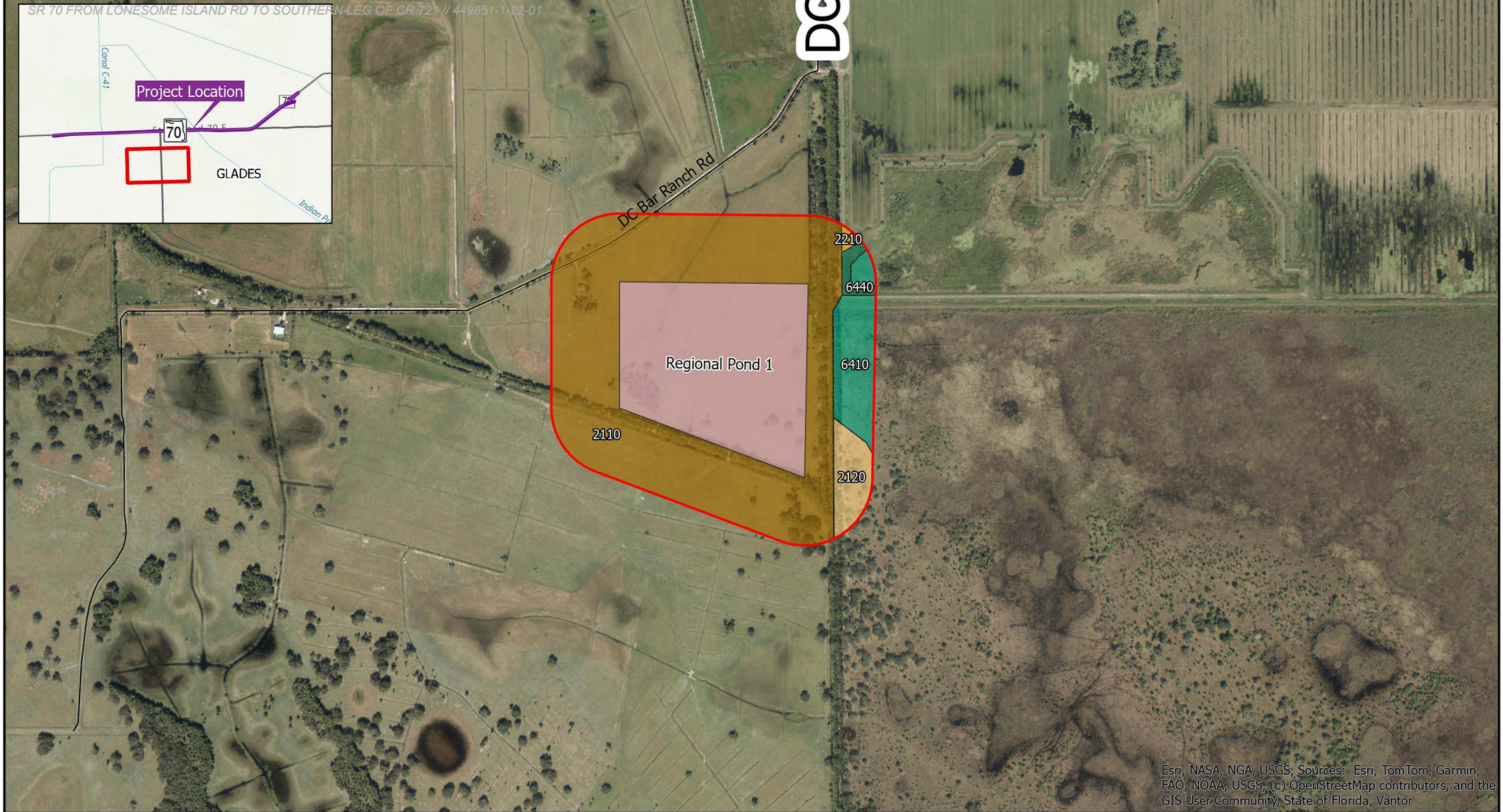


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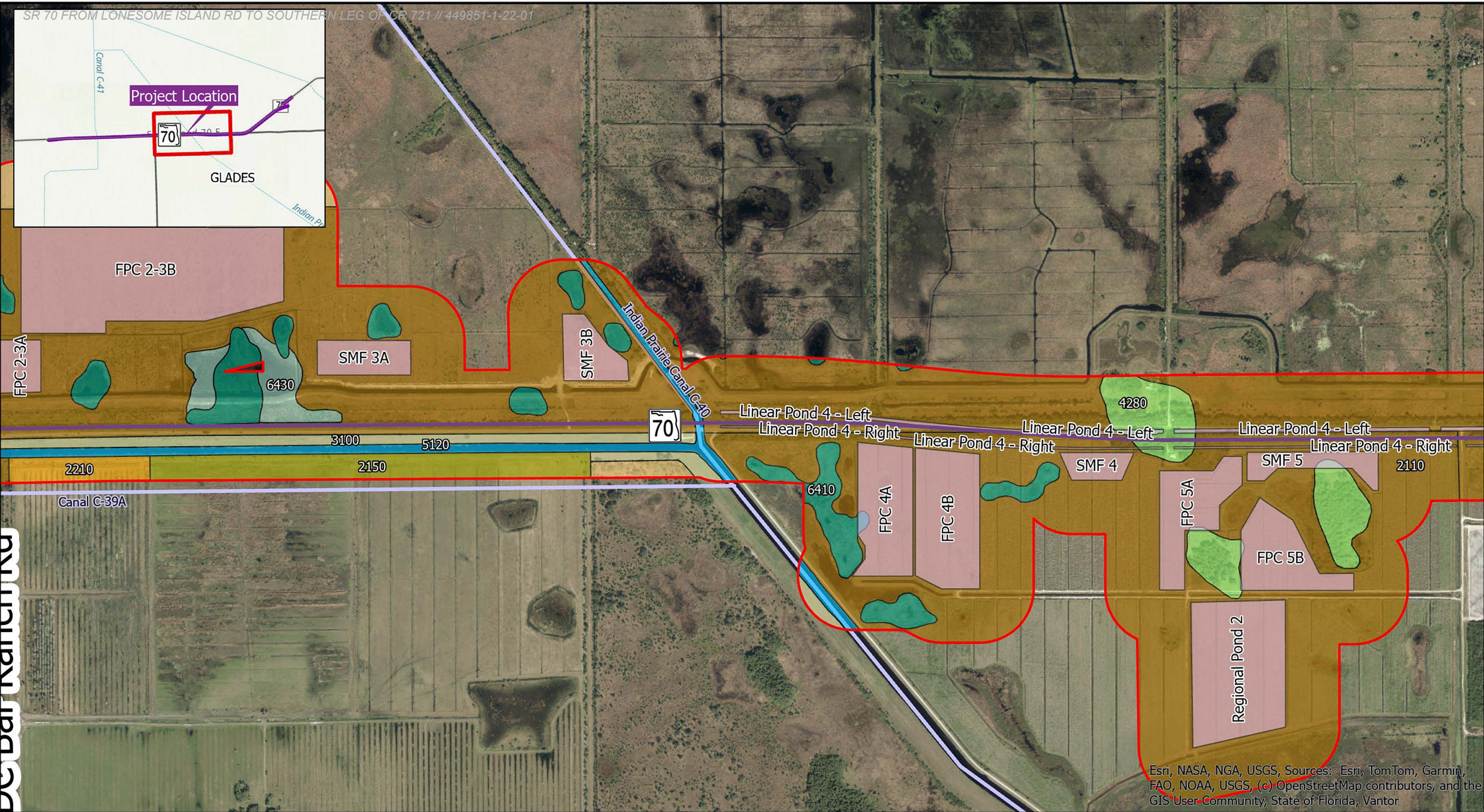
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 Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL

Miles

Page 50 of 176



SFWMD LULC

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, State of Florida, Vantor

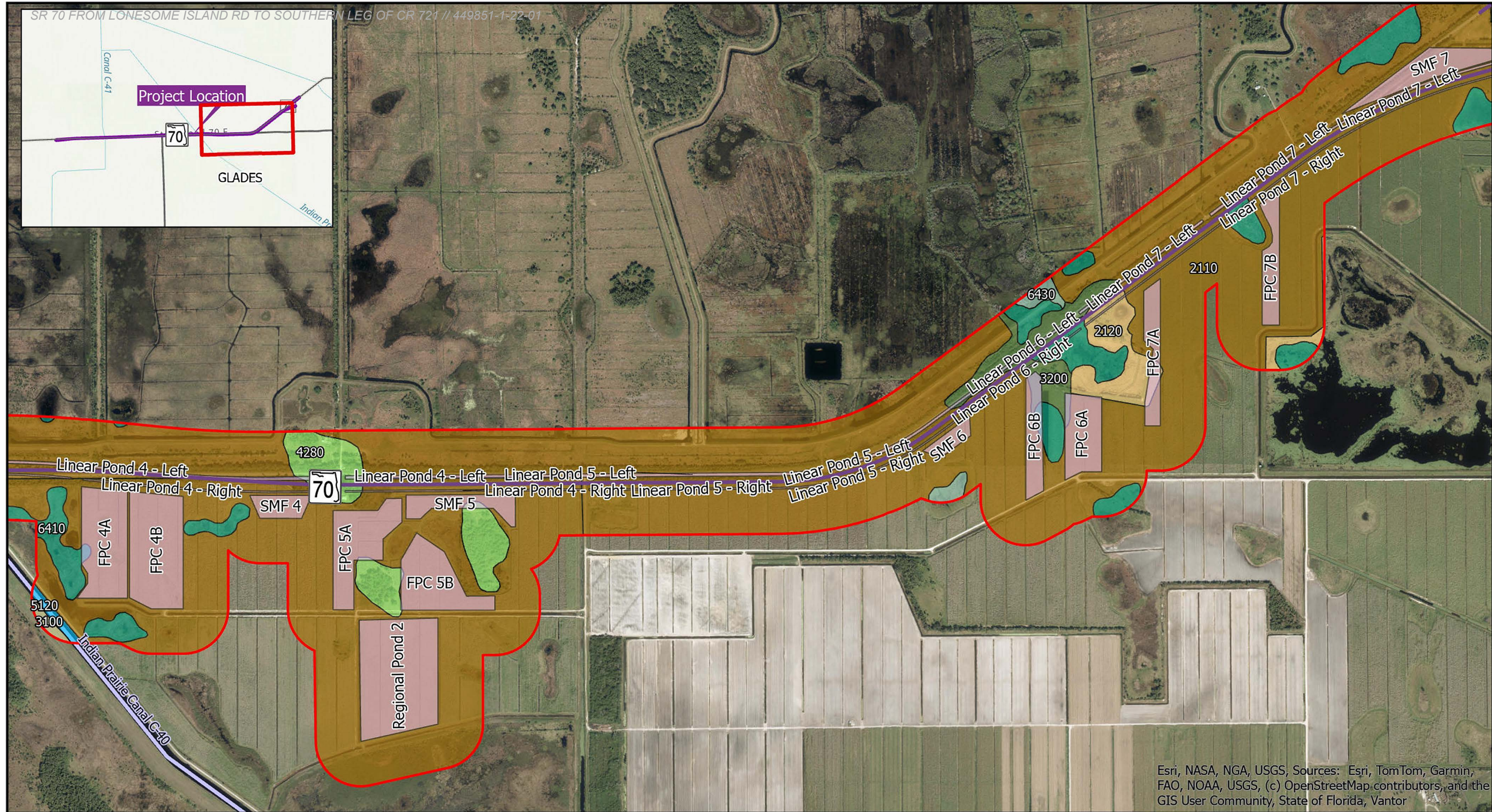
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 Highlands County, FL

W N E S

Miles

Page 51 of 176

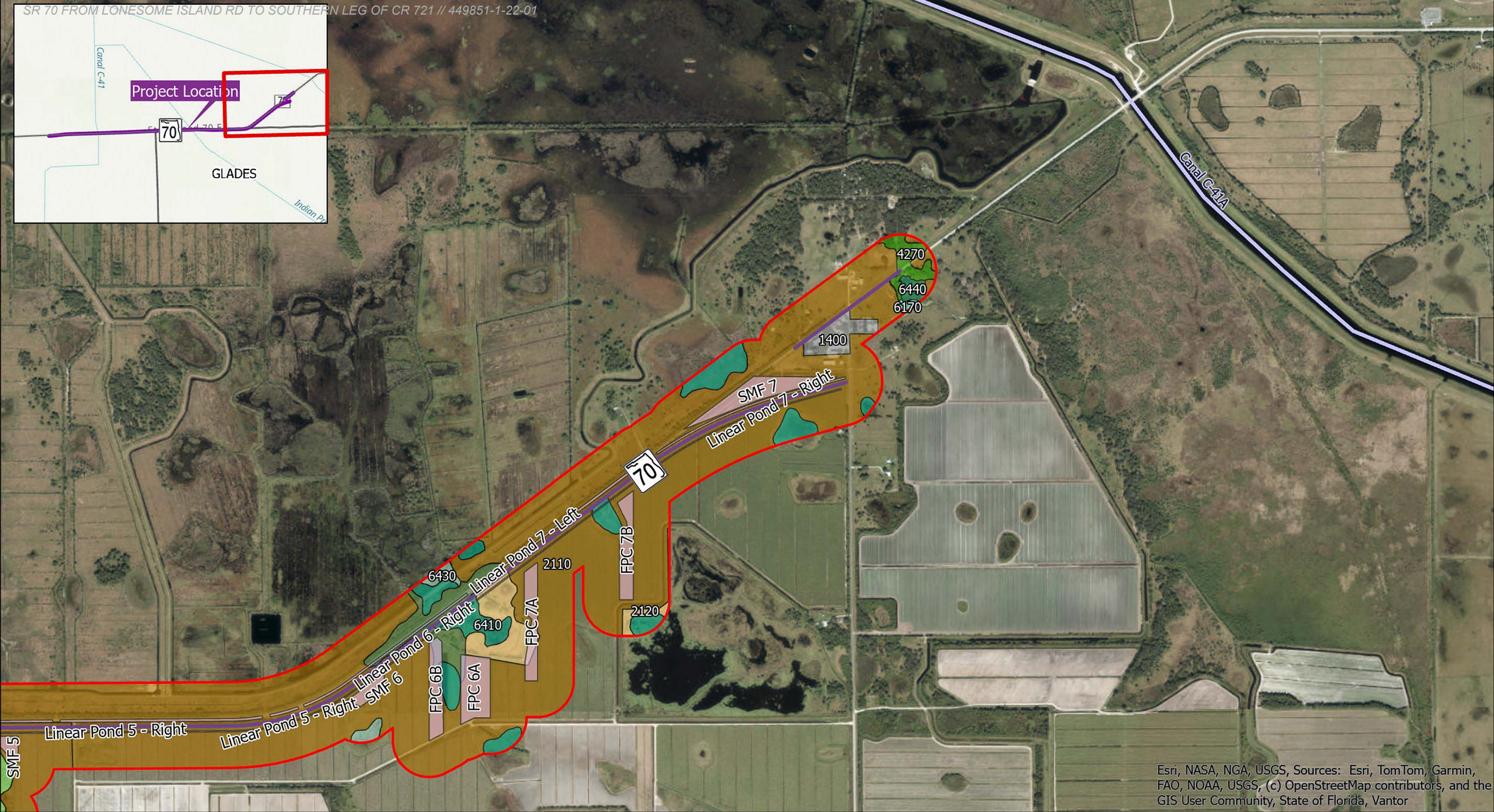


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 Highlands County, FL

Page 52 of 176

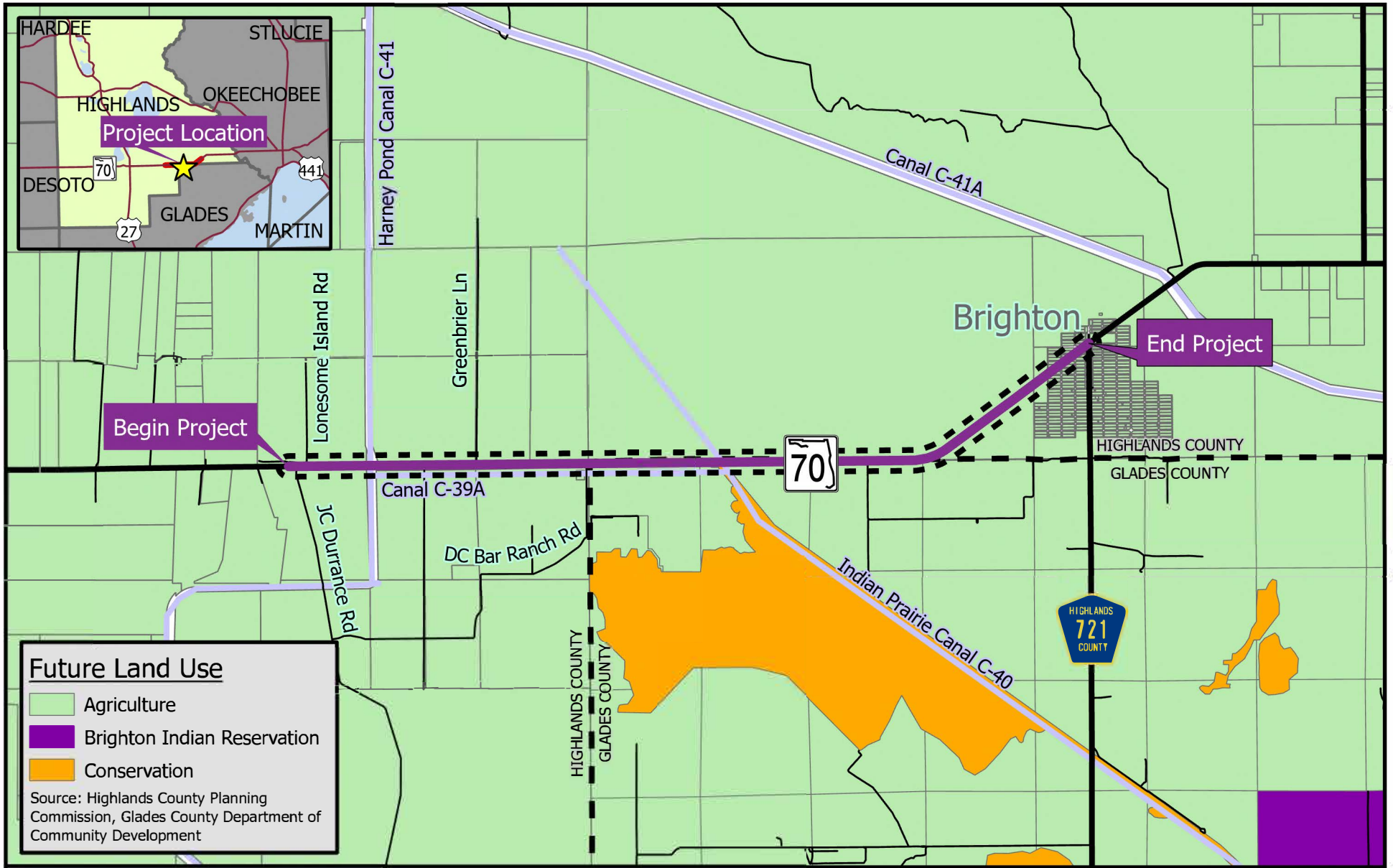


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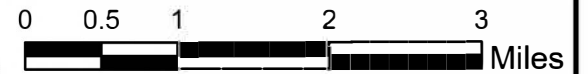
Page 53 of 176



**SR 70
PD&E Study**
 FPID: 449851-1 | Highlands County, Florida
 Lonesome Island Rd to southern leg of CR 721



Future Land Use



**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 1/31/25	4. Sheet 1 of 1
1. Name of Project SR 70 from Lonesome Island Rd to CR 721		5. Federal Agency Involved FDOT per 23 U.S.C. §327 and the FDOT/FH	
2. Type of Project Transportation - Roadway Widening		6. County and State Highlands County, Florida	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS 2/28/25	2. Person Completing Form Josue Aceituno
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated 67,987	Average Farm Size 466
5. Major Crop(s) Oranges; Forage	6. Farmable Land in Government Jurisdiction Acres: 148,883 % 22.62	7. Amount of Farmland As Defined in FPPA Acres: 85,417 % 0.41	
8. Name Of Land Evaluation System Used N/A	9. Name of Local Site Assessment System Soil Potential Rating	10. Date Land Evaluation Returned by NRCS 3/4/25	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A (Alt. 1)	Corridor B (Alt. 2)	Corridor C (Alt. 3)	Corridor D
A. Total Acres To Be Converted Directly	308.54			
B. Total Acres To Be Converted Indirectly, Or To Receive Services	0			
C. Total Acres In Corridor	356.64			

PART IV (To be completed by NRCS) Land Evaluation Information	
A. Total Acres Prime And Unique Farmland	225.7
B. Total Acres Statewide And Local Important Farmland	0
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	0.15
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	83.9

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)	
	42.7

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points			
1. Area in Nonurban Use	15	15		
2. Perimeter in Nonurban Use	10	10		
3. Percent Of Corridor Being Farmed	20	15		
4. Protection Provided By State And Local Government	20	0		
5. Size of Present Farm Unit Compared To Average	10	10		
6. Creation Of Nonfarmable Farmland	25	0		
7. Availability Of Farm Support Services	5	5		
8. On-Farm Investments	20	20		
9. Effects Of Conversion On Farm Support Services	25	0		
10. Compatibility With Existing Agricultural Use	10	0		
TOTAL CORRIDOR ASSESSMENT POINTS	160	75	0	0

PART VII (To be completed by Federal Agency)				
Relative Value Of Farmland (From Part V)	100	42.70000000	0	0
Total Corridor Assessment (From Part VI above or a local site assessment)	160	75	0	0
TOTAL POINTS (Total of above 2 lines)	260	117.7	0	0

1. Corridor Selected: Corridor A (Alt. 1)	2. Total Acres of Farmlands to be Converted by Project: 225.7	3. Date Of Selection: 3/25/25	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
---	---	---	---

5. Reason For Selection:
Corridor A was selected due to the minimal environmental impacts, avoidance of existing SFWMD canals, and low level of significance (less than 160 points) for the impacted farmlands within and adjacent to the proposed corridor.



March 25, 2025

Signature of Person Completing this Part: _____ DATE _____

NOTE: Complete a form for each segment with more than one Alternate Corridor

Cultural Resources Appendix

Contents:

SHPO Concurrence Letter (October 2025)



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

September 29, 2025

Alissa S. Lotane
Director and State Historic Preservation Officer
Florida Division of Historical Resources
Florida Department of State
R. A. Gray Building
500 South Bronough Street
Tallahassee, Florida 32399-0250

RE: Section 106 Stipulation VII Submission
SR 70 FROM LONESOME ISLAND RD TO SOUTHERN LEG OF CR 721
Highlands County
FM # 449851-1-22-01
DHR CRAT Number: 2025-7003

Dear Ms. Lotane,

Dear Ms. Lotane,

Enclosed please find one copy of the report titled *Cultural Resource Assessment Survey Project Development & Environment (PD&E) Study State Road (SR) 70 from Lonesome Island Road to Southern Leg of County Road (CR) 721 Highlands County, Florida*. This report presents the findings in support of the Florida Department of Transportation (FDOT), District One, proposed improvements to SR 70. This roadway project proposes the widening of a two-lane facility up to a four-lane, divided facility and/or the inclusion of operational improvements along 7.6 miles of SR 70. Travel lane widths may be widened from 10 feet (ft) to 12 ft as part of the project. A 12 ft Shared use Path will be constructed along the south side of the roadway. In addition, two linear ponds will be constructed within the new right-of-way (ROW), while six Floodplain Compensation (FPC) sites and six Stormwater Management Facilities (SMF) sites, herein referred to as pond sites, will be developed adjacent or proximate to the project limits. Additional ROW is expected to accommodate the proposed improvements. This is a federally funded project.

This CRAS was conducted in accordance with the requirements set forth in Section 106 of the National Historic Preservation Act of 1966, as amended, found in 36 *Code of Federal Regulations (CFR)* Part 800 (Protection of Historic Properties). The studies also comply with Chapter 267 of the *Florida Statutes (FS)* and Rule Chapter 1A-46, *Florida Administrative Code (FAC)* and Section 267.12, *FS*, Chapter 1A-32. All work was performed in accordance with Part 2, Chapter 8 of the Florida Department of Transportation (FDOT's) Project Development & Environment (PD&E) Manual, FDOT's Cultural Resources Management Handbook, and the standards stipulated in the FDHR's *Cultural Resource Management Standards & Operations Manual, Module Three: Guidelines for Use by Historic Preservation Professionals*. The Principal Investigator for this project meets the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation* (48 FR 44716). This study also complies with Public Law 113-287 (Title 54 U.S.C.), which incorporates the provisions of the National Historic Preservation Act of 1966, as

amended, and the Archeological and Historic Preservation Act of 1974, as amended.

As defined in 36 CFR Part 800.16(d), the area of potential effect (APE) is the "geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist." Based on the scale and nature of the activities, the archaeological APE is limited to the footprint of construction and the area contained within the proposed pond sites. The historic/architectural APE includes resources located within 500 ft from the edge of the proposed ROW where road widening and new road construction will occur, as well as resources located within 200 ft from the existing ROW on the opposite side of the road widening where no ROW acquisition is anticipated. In addition, the historic/architectural APE for the pond sites includes the footprint of construction and immediately adjacent parcels as contained within 100 ft.

Archaeological background research indicated that no previously recorded archaeological site is within the APE and eight sites have been recorded within one half mile. The sites consist of six pre-Contact period middens (8HG00483, 8HG00894, 8HG0089, 8HG01077, 8HG01279, 8HG01287), one of which includes a ceramic scatter (8HG01279), and two historic period terrestrial sites (8HG01078; 8HG01079). Two of these sites (8HG01278, 8HG01279) were determined eligible for listing in the NRHP by the State Historic Preservation Officer (SHPO) and two (8HG00894, 8HG00897) have not yet been evaluated. The remaining four sites (8GL00483, 8HG01077, 8HG01078, 8HG01079) do not have sufficient information for the SHPO to make a determination of NRHP eligibility. A review of relevant site locational information for environmentally similar areas within Highlands County and the surrounding region indicated a low to moderate probability for pre-Contact and historical archaeological sites within the archaeological APE. The review of the ETDM Project No. 14490 indicated a minimal potential for pre-Contact and historical archaeological sites within the archaeological APE. Background research also indicated that sites, if present, would most likely be small lithic/artifact scatters, or possibly sites associated with the naval stores or timber industries during the early 20th century. As a result of ACI's field survey, which included surface reconnaissance and the excavation of 250 shovel tests, one new archaeological site (8HG01682) and one archaeological occurrence (AO) was discovered. The archaeological site does not appear eligible for listing in the NRHP as found within the archaeological APE and AO's are not considered sites.

Historical background research indicated that three historic resources (8HG01125, 8HG01126, and 8GL00476) were previously recorded within the APE. These include segments of three linear resources - the Harney Pond Canal (C-41) (8HG01125), the Indian Prairie Canal (C-40) (8HG01126), and the C-39A Canal (8GL00476) - all of which have were found to have insufficient information to make a determination of NRHP eligibility by the SHPO. In addition, unrecorded segments of SR 70 (8HG01306), SR 70 Canal (North) (8HG01722), and SR 70 Canal (South) (8HG01723) were identified within the APE.

Historical/architectural field survey resulted in the identification of 17 historic resources within the APE. These include four buildings (8HG01731, 8HG01732, 8HG01733, and 8GL00559) and 13 linear resources (8HG01125, 8HG01126/8GL00560, 8HG01306/8GL00557, 8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01717, 8HG01722, 8HG01723/8GL00561, 8HG01734, 8HG01735, and 8GL00558). Of these, 11 were newly identified, recorded, and evaluated (8HG01713, 8HG01714, 8HG01716, 8HG01717, 8HG01731, 8HG01732, 8HG01733, 8HG01734, 8HG01735, 8GL00558, and 8GL00559) and six previously recorded linear resources (8HG01125, 8HG01126/8GL00560, 8HG01306/8GL00557, 8HG01715/8GL00476, 8HG01722, and 8HG01723/8GL00561) were identified and evaluated. The segments of Indian Prairie Canal (C-40)

(8HG01126/8GL00560), SR 70 (8HG01306/8GL00557), C-39A Canal (8HG01715/8GL00476), SR 70 Canal (South) (8HG01723/8GL00561) within the APE extend between Counties within the APE and were updated to include both Glades County and Highlands County FMSF numbers.

Of the 17 historic resources identified within the APE, 15 appear ineligible for listing in the NRHP (8HG01306/8GL00557, 8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01717, 8HG01722, 8HG01723/8GL00561, 8HG01731, 8HG01732, 8HG01733, 8HG01734, 8HG01735, 8GL00558, and 8GL00559). The ineligible resources include four buildings (8HG01731, 8HG01732, 8HG01733, and 8GL00559) constructed between circa (ca.) 1930 and 1970, and 11 linear resources (8HG01306/8GL00557, 8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01717, 8HG01722, 8HG01723/8GL00561, 8HG01734, 8HG01735, and 8GL00558). The buildings are common examples of their respective architectural styles that have been altered, are not significant embodiments of a type, period, or method of construction, and lack significant historical associations with persons and/or events. Thus, the resources do not appear eligible for listing in the NRHP, either individually or as a part of a historic district. The linear resources include a common example of a State highway found throughout Florida (8HG01306/8GL00557) and common examples of drainage systems found throughout south Florida (8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01717, 8HG01722, 8HG01723/8GL00561, 8HG01734, 8HG01735, and 8GL00558) that have been altered and lack unique design and engineering features; therefore, the segments within the APE do not appear to be eligible for the NRHP. However, since ten of the linear resources (8HG01306/8GL00557, 8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01722, 8HG01723/8GL00561, 8HG01734, 8HG01735, and 8GL00558) extend outside of the APE, there is insufficient information to determine NRHP eligibility for those linear resources as a whole.

Two historic resources within the APE are eligible or appear eligible for listing in the NRHP. These include segments of the Harney Pond Canal (C-41) (8HG01125) and the Indian Prairie Canal (C-40) (8HG01126/8GL00560). The segment of the Harney Pond Canal (C-41) (8HG01125) within the APE was constructed ca. 1960 as a later component of the Central and Southern Florida (C&SF) Project to improve and modify the Lake Okeechobee and Lower Kissimmee River/Lake Istokpoga Basins. The canal was developed as part of an ongoing process of draining land for agricultural development south of Lake Istokpoga and alleviating severe flooding. As such, the segment of the Harney Pond Canal (C-41) (8HG01125) within the APE appears eligible for listing in the NRHP under Criterion A in the areas of Community Planning and Development and Agriculture; however, there is insufficient information to determine NRHP eligibility for the linear resource as a whole. Furthermore, the segment of the Indian Prairie Canal (C-40) (8HG01126/8GL00560) within the APE is associated with the Everglades Drainage District which provided early agricultural drainage and major flood control efforts in south Florida, as well as later alterations by the C&SF Project to improve and modify the Lake Okeechobee and Lower Kissimmee River/Lake Istokpoga Basins. As such, the segment of the Indian Prairie Canal (C-40) (8HG01126/8GL00560) within the APE appears eligible for listing in the NRHP under Criterion A in the areas of Community Planning and Development and Agriculture; however, there is insufficient information to determine NRHP eligibility for the linear resource as a whole.

Since there are two historic resources (8HG01125 and 8HG01126/8GL00560) that are eligible or appear eligible for listing in the NRHP, and ten historic resources (8HG01306/8GL00557, 8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01722, 8HG01723/8GL00561, 8HG01734, 8HG01735, and 8GL00558) with insufficient information to determine NRHP eligibility for the linear resources as a whole,

FDOT District One, has applied the Criteria of Adverse Effect (36 CFR Part 800.5). Two of the historic resources, as contained within the APE, appear eligible for listing in the NRHP under Criterion A in the areas of Community Planning and Development and Agriculture. Based on the scope of work at each location, the undertaking will include the construction of a new bridge carrying a divided four-lane highway to the north of the existing bridges (Bridge No's. 090920 and 090009). Although this will result in a new bridge footprint and alteration to the earthen bank along the linear resources, these alterations are in keeping with the existing conditions within the APE. Therefore, it is the opinion of FDOT District One, that the proposed undertaking will have no adverse effect on the Harney Pond Canal (C-41) (8HG01125) and the Indian Prairie Canal (C-40) (8HG01126/8GL00560).

In addition, the proposed work being conducted within the APE at the locations of the ten historic resources (8HG01306/8GL00557, 8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01722, 8HG01723/8GL00561, 8HG01734, 8HG01735, and 8GL00558) with insufficient information to determine NRHP eligibility includes the realignment and widening of the existing two-lane undivided highway to a divided four-lane highway and the construction of a 12 ft shared use path with ROW acquisition anticipated to the north and south of SR 70. Associated bridge replacements or improvements will be completed where necessary. These alterations are in keeping with the existing conditions within the APE. Therefore, it is the opinion of ACI and FDOT District One, that the proposed undertaking will have *no adverse effect* on the ten historic resources (8HG01306/8GL00557, 8HG01713, 8HG01714, 8HG01715/8GL00476, 8HG01716, 8HG01722, 8HG01723/8GL00561, 8HG01734, 8HG01735, and 8GL00558). Based on the results of the background research and field investigations, it is the opinion of ACI and FDOT District One that the proposed undertaking will result in no adverse effect to historic properties. No further work is recommended.

Based on the review summarized above, FDOT has determined that this project, will result in *no adverse effect*.

The Cultural Resource Assessment Survey is provided for your review and comment. I respectfully request your concurrence with the findings of the enclosed report.

Based on the review summarized above, FDOT has determined that this project 449851-1-22-01 will result in **No Adverse Effect** on historic properties **conditional upon SHPO comments provided below**. In accordance with Stipulation III.B. of the Section 106 Programmatic Agreement (PA), this review was conducted by or under the supervision of a person(s) meeting the *Secretary of the Interior's Professional Qualifications Standards (36 C.F.R. Part 61, Appendix A and 48 FR 44716)* in the fields of History, Archaeology, and Architectural History. The Environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the FDOT pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the FHWA and FDOT.

Sincerely,

Electronically signed by Emily Barnett **FOR** Jeffrey James on September 29, 2025

The Florida State Historic Preservation Officer (SHPO) reviewed the submission referenced above and finds the document contains sufficient information and concurs with the information provided for the above referenced project.

In accordance with the *Programmatic Agreement Among the FHWA, the FDOT, the ACHP, and the SHPO Regarding Implementation of the Federal-Aid Highway Program in Florida (2023 PA)*, and appended materials, if providing concurrence with a finding of **No Historic Properties Affected** for a whole project, or to **No Adverse Effect** on a specific historic property, SHPO shall presume that FDOT may pursue a *de minimis* use of the affected historic property in accordance with Section 4(f) as set forth within 23 *CFR*. 774 and its implementing authorities, as amended, and that their concurrence as the official with jurisdiction (OWJ) over the historic property is granted.

SHPO/FDHR Comments

-p. 5-23, paragraph 1: Need to write out what SFWMD stand for the first time it's used.



October 6, 2025

Signed

Date

Alissa S. Lotane, Director
Florida Division of Historical Resources

cc: Lindsay Rothrock, Cultural & Historical Resource Specialist
FDOT Office of Environmental Management

Submitted Documents

- [44985112201-TBD-D1-Draft_Cultural_Resources_Assessment_Survey-2025-0801.pdf](#) (Cultural Resources Assessment Survey (CRAS))
Draft Cultural Resources Assessment Survey (2025) Pending SHPO Review
- [44985112201-TBD-D1-449851-1_FMSF-2025-0923.zip](#) (Florida Master Site File Forms)
449851-1_FMSF

Natural Resources Appendix

Contents:

Biological Opinion (November 2025)

Sole Source Aquifer EPA Concurrence Letter (June 2025)



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Florida Ecological Services Field Office



November 25, 2025

Katlin Kuhn-Hendricks
Florida Department of Transportation
605 Suwannee Street
Tallahassee, Florida 32399

Service Ecosphere Code: 2025-0121637
Date Received: September 5, 2025
Consultation Initiation Date: September 5, 2025
Project: SR 70 from Lonesome Island Rd to
County Rd (CR) 721 South
County: Highlands

Dear Ms. Kuhn-Hendricks:

The U.S. Fish and Wildlife Service (Service, USFWS) received your August 8, 2025, request for initiation of formal consultation for the Florida Department of Transportation's (FDOT) proposed project to widen and improve the State Road (SR) 70 corridor from Lonesome Island Road to the southern leg of County Road (CR) 721 (Project) in Highlands County, FL. This document transmits the Service's biological opinion based on our review of the Project and its effects on the endangered Florida panther (*Puma concolor coryi* [panther]), the threatened eastern indigo snake (*Drymarchon corais couperi*), and the threatened Audubon's crested caracara (*Polyborus plancus audubonii*). It also provides the Service's concurrences for FDOT's determinations for the wood stork (*Mycteria americana*), Florida bonneted bat (*Eumops floridanus*), eastern black rail (*Laterallus jamaicensis ssp. jamaicensis*), and the Everglades snail kite (*Rostrhamus sociabilis plumbeus*). This document is submitted in accordance with section 7 of the Endangered Species Act of 1973, as amended in 1998 (Act) (87 Stat. 884; 16 U.S.C. 1531 et seq.).

This biological opinion is based on information provided with your request for consultation and other sources of information. A complete record of this consultation is on file at the Service's Florida Ecological Services Office, Panama City, Florida.

Table 1: Federally protected species evaluated for effects.

Scientific Name	Common Name	Status	Effect Determination
Birds			
<i>Polyborus plancus audubonii</i>	Audubon's crested caracara	T	MALAA
<i>Mycteria americana</i>	Wood stork	T	MANLAA
<i>Laterallus jamaicensis ssp. jamaicensis</i>	Eastern black rail	T	MANLAA
<i>Rostrhamus sociabilis plumbeus</i>	Everglades snail kite	E	MANLAA
Reptiles			
<i>Drymarchon corais couperi</i>	Eastern Indigo Snake	T	MALAA
Mammals			
<i>Puma concolor coryi</i>	Florida panther	E	MALAA
<i>Eumops floridanus</i>	Florida bonneted bat	E	MANLAA
E=Endangered; T=Threatened; PE=Proposed Endangered; CH=Critical Habitat MANLAA=May Affect, Not likely to Adversely Affect; MALAA = Likely to Adversely Affect			

Consultation history

This section lists key events and correspondence during the course of this consultation.

04/03/2024: Technical assistance request via email from FDOT to Service Biologist John Wrublik on whether species-specific surveys were required for the Everglade snail kite, Florida scrub-jay, or Florida grasshopper sparrow for this project.

04/04/2024: Email response from John Wrublik to FDOT that, based on the Species Survey Memorandum for the project provided, surveys for the grasshopper sparrow, Everglade snail kite, and Florida scrub-jay were not needed in association with the project.

09/05/2025: Request from FDOT to initiate formal consultation.

09/30/2025: Teams meetings between FDOT Project Delivery Manager Katlin Kuhn-Hendricks, contractors, and Service Biologist Amber Rhodes to request additional information and provide technical assistance.

11/05/2025: Formal consultation addendum with additional information and updated determinations received via email from FDOT.

BIOLOGICAL OPINION

This Biological Opinion provides the Service's opinion as to whether the proposed Project is likely to jeopardize the continued existence of endangered Florida panther, the threatened eastern indigo snake (EIS), and the threatened Audubon's crested caracara, or result in the destruction or adverse modification of designated critical habitats (50 CFR § 402.02).

ANALYTICAL FRAMEWORK FOR THE JEOPARDY AND ADVERSE MODIFICATION DETERMINATIONS

Jeopardy determination

Section 7(a)(2) of the Act requires that Federal agencies ensure that any action they authorize, fund, or carry out is not likely to jeopardize the continued existence of listed species.

“Jeopardize the continued existence of” means to engage in an action that reasonably would be expected, directly or indirectly, to reduce appreciably the likelihood of both the survival and recovery of a listed species in the wild by reducing the reproduction, numbers, or distribution of that species (50 CFR § 402.02).

The jeopardy analysis in this Biological Opinion relies on four components: (1) the Status of the Species, which describes the range-wide condition of the species, the factors responsible for that condition, and its survival and recovery needs; (2) the Environmental Baseline, which analyzes the condition of the species in the Action Area, the factors responsible for that condition, and the relationship of the Action Area to the survival and recovery of the species; (3) the Effects of the Action, which determine the direct and indirect impacts of the proposed Federal action and the effects of any interrelated or interdependent activities on the species; and (4) the Cumulative Effects, which evaluate the effects of future, non-federal activities in the Action Area on the species.

In accordance with policy and regulation, the jeopardy determination is made by evaluating the effects of the proposed federally permitted action in the context of the current status of the species, taking into account any cumulative effects, to determine if implementation of the proposed action is likely to cause an appreciable reduction in the likelihood of both the survival and recovery of the species in the wild.

Adverse modification determination

Section 7(a)(2) of the Act requires that Federal agencies ensure that any action they authorize, fund, or carry out is not likely to result in the destruction or adverse modification of the critical habitat of listed species.

“Destruction or adverse modification” means a direct or indirect alteration that appreciably diminishes the value of critical habitat for the conservation of a listed species. Such alterations may include, but are not limited to, those that alter the physical or biological features essential to the conservation of a species or that preclude or significantly delay development of such features (50 CFR §402.02).

The destruction or adverse modification definition focuses on how Federal actions affect the quantity and quality of the physical or biological features in the designated critical habitat for a listed species and, especially in the case of unoccupied habitat, on any impacts to the critical habitat itself. The Service will generally conclude that a Federal action is likely to “destroy or adversely modify” designated critical habitat if the action results in an alteration of the quantity or quality of the essential physical or biological features of designated critical habitat, or that precludes or significantly delays the capacity of that habitat to develop those features over time, and if the effect of the alteration is to appreciably diminish the value of critical habitat for the conservation of the species. The Service may also consider other kinds of impacts to designated critical habitat as appropriate. There is no designated critical habitat within the Action Area.

DESCRIPTION OF THE PROPOSED ACTION

This project proposes to widen an existing two-lane, undivided roadway to a four-lane, divided roadway with a 40 foot (ft) median, and the inclusion of operational improvements along 7.6 miles of SR 70 from Lonesome Island Road to the southern leg of CR 721 in Highlands County (*Figure 1*). There would be two 12 ft travel lanes in each direction, with outside shoulders that are approximately 10 ft wide (5 ft paved), and a 12 ft shared use path is proposed along the south side of the road. Multimodal facilities will also be considered along the project segment, where appropriate. Each alternative will be evaluated to determine safety enhancements, additional right-of-way (ROW) needs, and traffic performance. The existing ROW width along SR 70 is generally 50 to 70 ft and additional ROW is expected to accommodate the proposed improvements which require a minimum width of 60 ft.

SR 70 is part of Florida’s Strategic Intermodal System (SIS) highway network and designated state hurricane evacuation route network. As part of the National Highway System, SR 70 is critical in the transportation network as it facilitates local and regional traffic and the movement of goods/freight. Facilities on the SIS are subject to special standards and criteria for design speed, level of service and other requirements. The existing SR 70 does not meet SIS facility criteria. SR 70 is functionally classified as “Rural Principal Arterial – Other” within the project Action Area, and the project segment of the roadway has an existing context classification of C2-Rural.

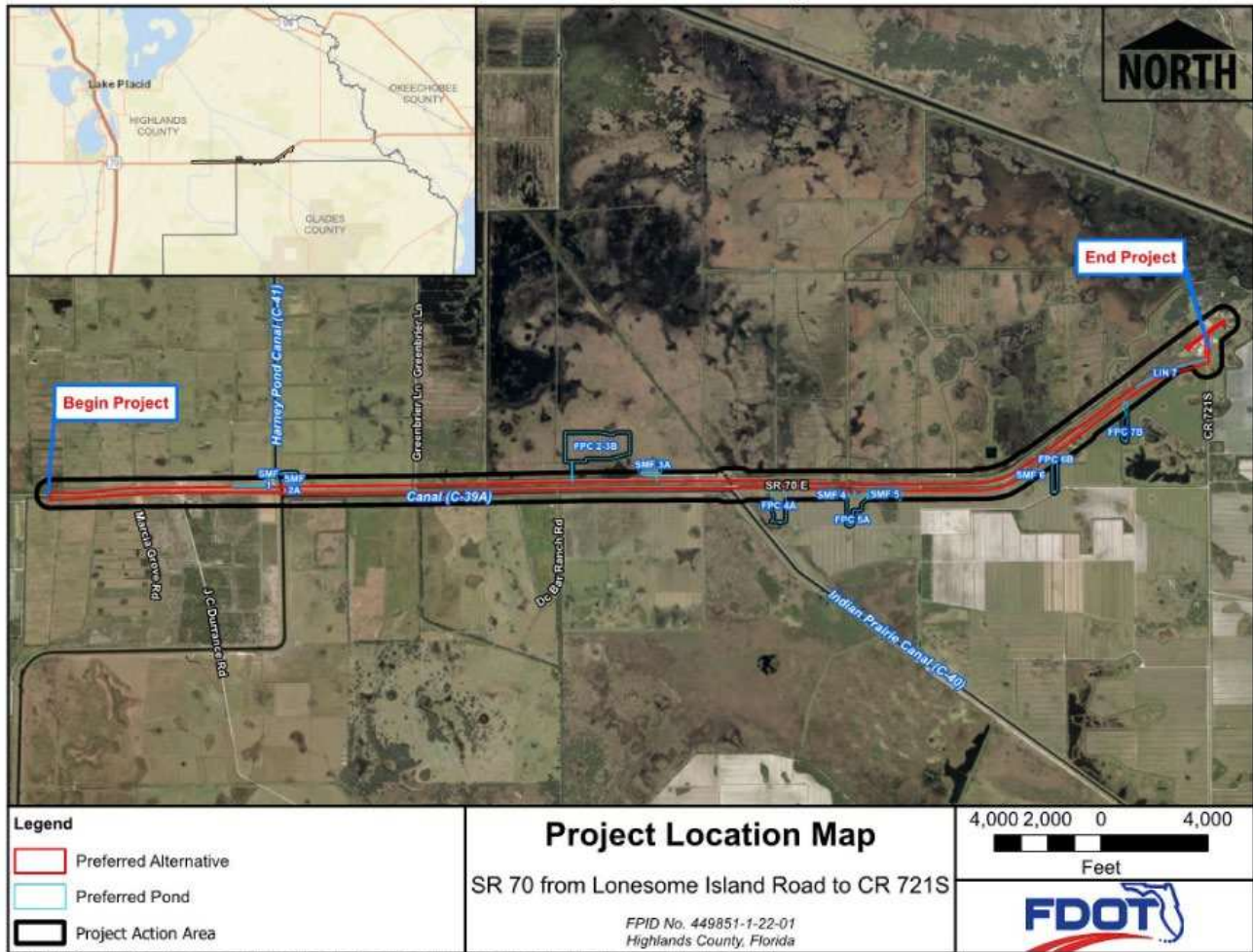


Figure 1: Project Location Map (FDOT 2025)

Conservation Measures

To minimize project impacts on wetlands, other surface waters, and protected species and their habitats to the greatest extent practicable, FDOT has agreed to implement the following conservation measures in association with the Project:

- If the monarch butterfly is listed by USFWS as Threatened or Endangered, FDOT commits to re-initiating consultation with USFWS to determine appropriate avoidance and minimization measures for protection of the newly listed species. FDOT is a partner to the Nationwide integrated Candidate Conservation Agreement with Assurances (CCAA) and Candidate Conservation Agreement (CCA) for Monarch Butterfly on Energy and Transportation Lands (Enhancement of Survival Permit, Permit No. TE74464D-0), has agreed to implement certain conservation measures, as well as minimization and avoidance measures. This project is anticipated to be mostly a “covered activity” under the CCAA.
- The most recent version of the USFWS *Standard Protection Measures for the Eastern Indigo Snake* will be implemented during construction.

- FDOT will provide a financial contribution to the Platt Branch Mitigation Bank (PBMB) for impacts to the eastern indigo snake within the Action Area.
- FDOT will provide a financial contribution to the Crested Caracara Conservation Fund for impacts to the primary zones (the area within 300 m of nests) for the nests adjacent to the project Action Area.
- The Action Area will be resurveyed prior to construction to confirm the locations of active Audubon's crested caracara nests. If the nest locations have moved or additional nests are found, consultation with the Service will be reinitiated.
- FDOT will provide mitigation for impacts to wood stork Suitable Foraging Habitat within the Service Area of a Service-approved wetland mitigation bank or wood stork conservation bank.
- FDOT will mitigate habitat impacts to the Florida panther by providing 951 Panther Habitat Units (PHU) from the Platt Branch Conservation Mitigation Bank.
- FDOT commits to design and constructing wildlife shelves at bridge crossings over the South Florida Water Management District (SFWMD) canals (Canal C-40 and C-41), per current wildlife crossing guidelines.
- FDOT will coordinate with SFWMD during the Design Phase to evaluate each canal crossing to determine locations and lengths of wildlife funnel fencing to be installed without precluding SFWMD canal access and maintenance of canals.
- FDOT will install landscaping utilizing native vegetation within the FDOT right-of-way and limits of funnel fencing.
- In accordance with the Florida Bonneted Bat Consultation Key, FDOT will implement Best Management Practices (BMPs):
 - BMP #1: If potential roost trees or structures need to be removed, check cavities for bats within 30 days prior to removal of trees, snags, or structures. When possible, remove structure outside of breeding season (January 1 – April 15). If evidence of use by any bat species is observed, discontinue removal efforts in that area and coordinate with the USFWS on how to proceed.
 - BMP #5: Conserve open freshwater and wetland habitats to promote foraging opportunities and avoid impacting water quality. Created/restored habitat should be designed to replace the function of native habitat.
 - BMP #7: Avoid or limit widespread application of insecticides (e.g., mosquito control, agricultural pest control) in areas where Florida bonneted bats are known or expected to forage and roost.
 - BMP #11: Avoid and minimize the use of artificial lighting, retain natural light conditions, and install wildlife friendly (i.e., downward facing, and lowest lumens possible). Avoid permanent night-time lighting to the greatest extent practicable.

Action Area

For purposes of consultation under ESA §7, the Action Area is defined as “all areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action” (50 CFR §402.02).

The land use in the project area includes low-density residential, commercial, improved and unimproved pastures, field crops, abandoned groves, dry prairie, upland shrub and brushland, cabbage palm, and roads and highways.

Streams and waterways are mostly channelized and found throughout the project Action Area and are concentrated adjacent to the existing roadway and within adjacent agricultural lands. A total of 145 streams and waterways are present, comprising a total area of 123.41 acres (9.87%) of the project Action Area. These other surface waters consist of agricultural and roadside drainage ditches with bottoms containing turf grasses and muck. The streams and waterways within the project Action Area have a USFWS classifications of: PEM1E (Palustrine, Emergent, Persistent, Seasonally Flooded/Saturated), R2AB4Hx (Riverine, Lower Perennial, Aquatic Bed, Floating Vascular Permanently Flooded, Excavated), and R5UBFx (Riverine, Unknown Perennial, Unconsolidated Bottom, Semi-permanently Flooded, Excavated) (FDOT 2025).

Due to the differences in habitat use and life history, the Action Areas for this consultation will be broken out by species.

Florida Panther

The Action Area for the Florida Panther consists of the lands within 25 miles of the project area based on mean dispersal distances of 23.2 mi (Maehr et al. 2002), and 24.9 mi (Comiskey et al. 2002) reported for subadult male panthers (*Figure 2*). The 25-mi buffer distance encompasses the dispersal distance of both male and female panthers because male panther dispersal distances are known to exceed those reported for female panthers (Maehr et al. 2002; Comiskey et al. 2002). The size of the Action Area for this consultation is consistent with Action Areas defined in our recent biological opinions for the panther, and it encompasses the effects of the Project that extend beyond the Project footprint (*e.g.*, sound, dust, construction related traffic, etc.) and the wide-ranging movements of subadult panthers and the large home territories of adult panthers.

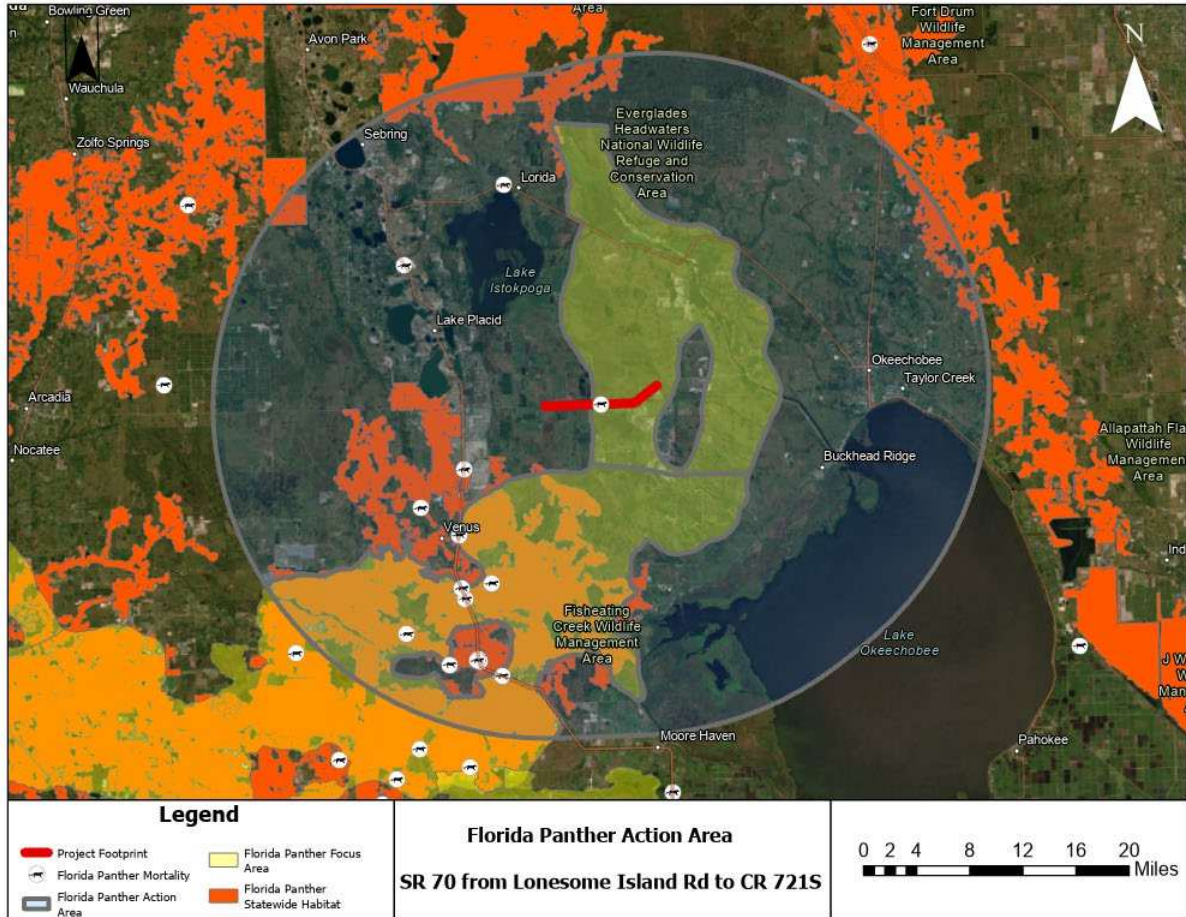


Figure 2: Florida panther Action Area

Audubon’s Crested Caracara

The Action Area for the Audubon’s crested caracara has been designated as a 1,500 meter buffer around the project area (Figure 3). This buffer was determined by the 1,500 m secondary zone for caracara nests. Due to the sensitivity of caracara nest location data, a 1,500 m buffer around project area is used to represent the caracara Action Area in Figure 3. The Action Area includes suitable nesting and foraging habitat for this species including: freshwater marshes, wet prairies, unimproved and improved pastures, and other agricultural lands.

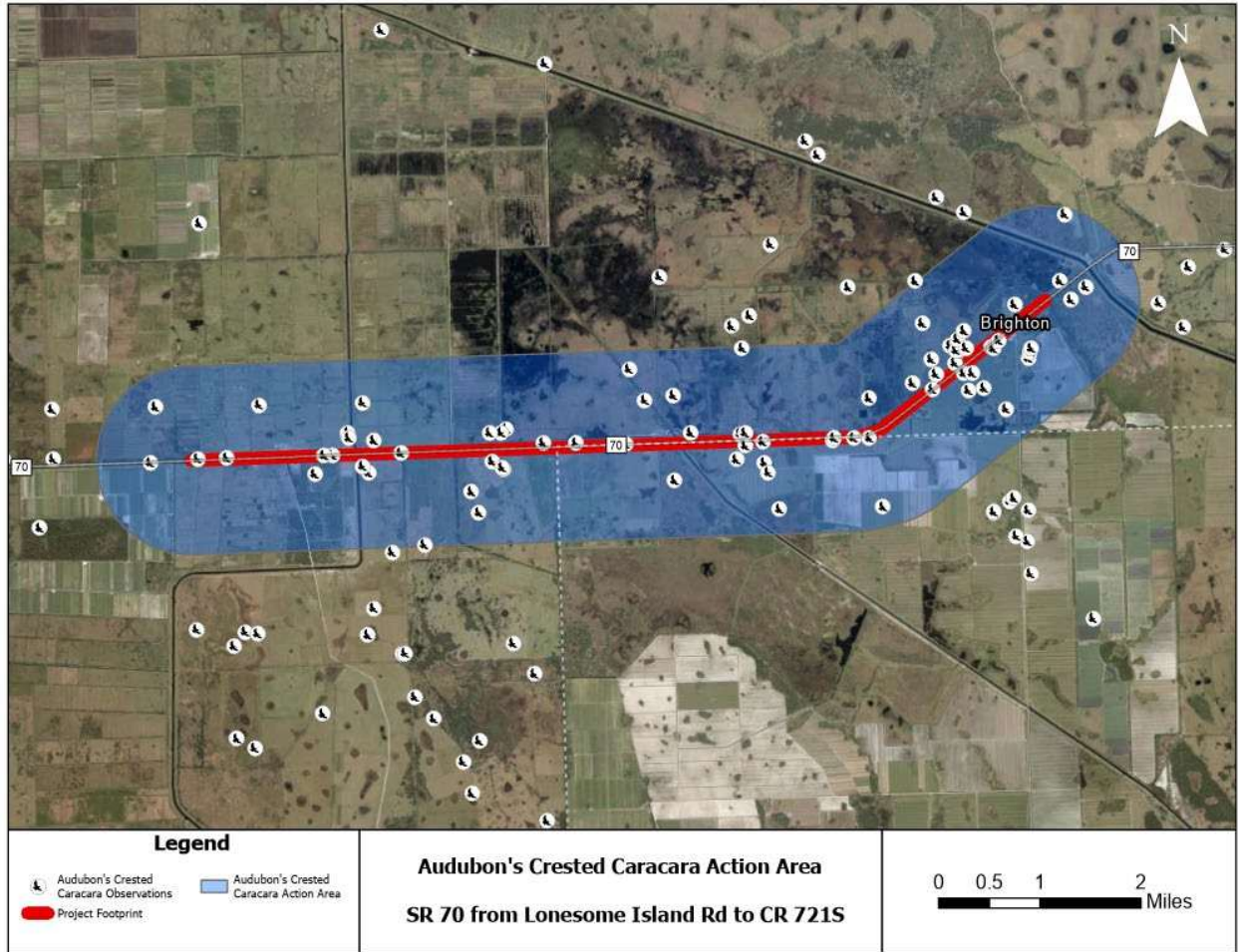


Figure 3: Audubon's crested caracara Action Area.

Eastern Indigo Snake

The Action Area for the EIS has been designated as a 1.2 mi buffer around the project area based on an average home range width of 1.2 mi (Bauder unpublished data). The EIS Action Area is presented in *Figure 4*.

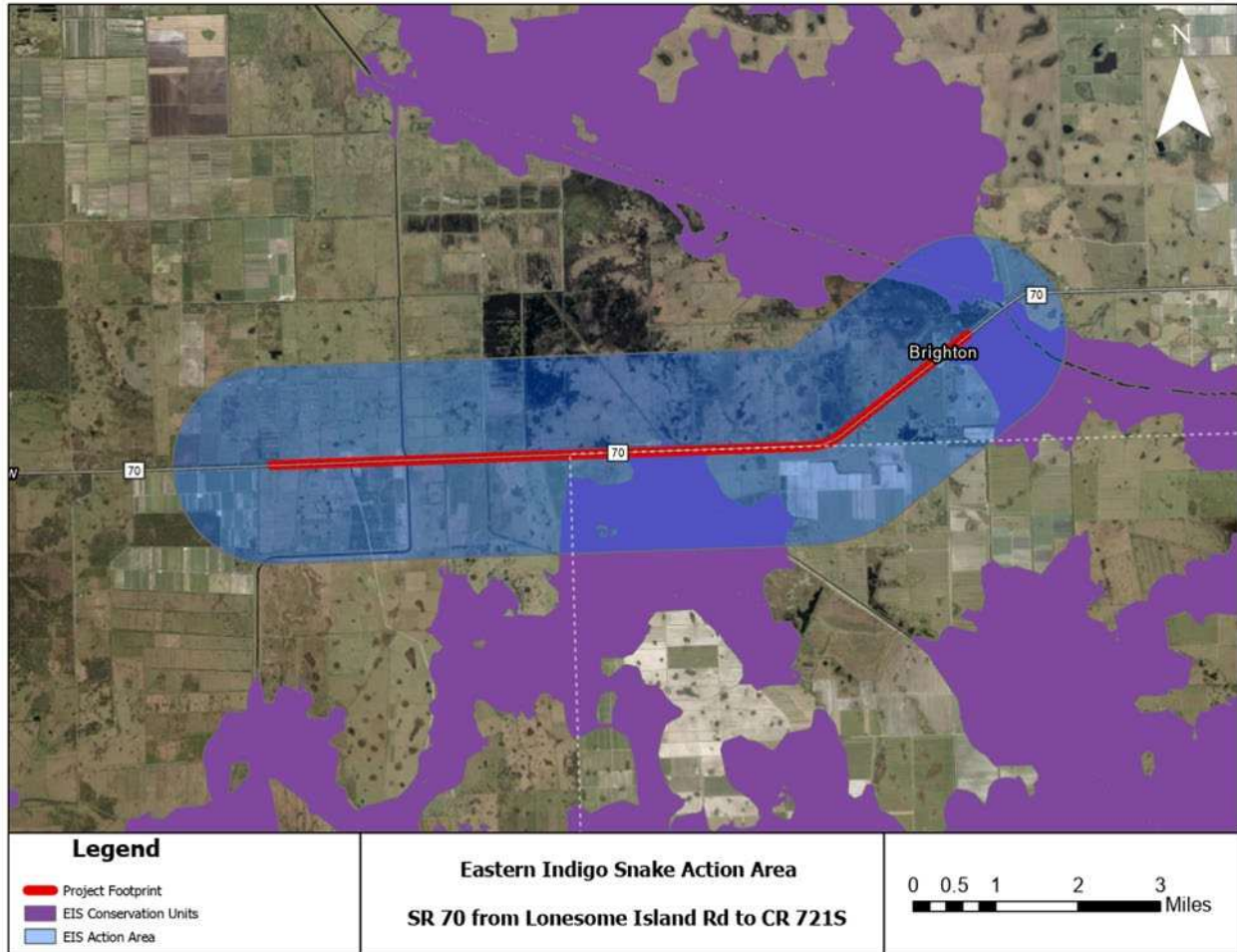


Figure 4: Eastern indigo snake Action Area

SPECIES NOT LIKELY TO BE ADVERSELY AFFECTED BY THE PROPOSED ACTION

The Service concurs with FDOT that the proposed Action is not likely to adversely affect the following Federally listed species: Florida bonneted bat, wood stork, eastern black rail, and Everglades snail kite.

Florida Bonneted Bat (FBB)

The Project occurs within the geographic range and the Service’s consultation area for the endangered FBB. Individuals of the FBB or evidence of FBBs (e.g., guano etc.) were not observed on or near the Project site during a survey of potential roosting habitat conducted by the

FDOT's consultant in May 2024. However, the acoustic survey did positively identify one FBB call, therefore it can be assumed that FBB utilize the Action Area. The path followed through the 2019 Consultation Key for the Florida Bonneted Bat was 1a > 2a > 3b Conduct Full Acoustic/Roost Surveys > 6a > 7b > 10b > 12b > MANLAA-P. This supports a May Affect, not Likely to Adversely Affect (MANLAA) determination for this species with the included BMPs detailed above in the *Conservation Measures* section and no further consultation with the Service is required.

Wood Stork

The wood stork is an opportunistic feeder that utilizes various habitat types including estuarine and freshwater systems such as marshes, swamps, lagoons, ponds, tidal creeks, flooded pastures, and ditches. Water that is relatively calm, uncluttered by dense aquatic vegetation, and with a permanent or seasonal water depth between two and 15 inches is considered optimal foraging habitat for this species.

The Project site is located within the Core Foraging Area (CFA); *i.e.*, all lands within 18.6 mi of two active wood stork nesting colonies: Gator Farm and Lemkin Creek. Suitable foraging and nesting habitat for the wood stork is present within freshwater marshes, wet prairies, and streams and waterways within the project Action Area and this species was observed foraging during field reviews. The primary concern for this species is loss of suitable foraging habitat within the CFA of a wood stork colony. A wood stork foraging analysis was conducted to determine the amount of biomass lost from wetlands and other surface water impacts within the project Action Area. Based on the results of the wood stork foraging analysis, the proposed project will result in a direct loss of 80.98 acres of suitable wood stork foraging area. There is no loss of short hydroperiod wetlands, and all 80.98 acres will be lost from long hydroperiod wetlands. Analysis results concluded that the proposed project would result in the net loss of 141.93 kg total biomass (fish and crayfish). The path followed through the *Wood Stork Effect Determination Key for South Florida* was A > B > C > E > MANLAA. We acknowledge that collectively, foraging habitat loss throughout the species range could affect the survival and recovery of the wood stork. As such, we continue to monitor the range-wide loss of foraging habitat for the wood stork.

As a conservation measure, FDOT has proposed to compensate for the loss of 80.98 acres of potential wood stork foraging habitat due to the Project. Through use of the Service's wood stork foraging methodology, FDOT has determined that this constitutes the loss of 141.93 kg of wood stork forage biomass. To compensate for this loss, FDOT has proposed to purchase wetland credits from Lake Istokpoga Mitigation Bank or another approved regional mitigation bank.

Eastern Black Rail

Black rails require dense vegetative cover that allows movement underneath the canopy. This species can be found in a variety of salt, brackish, and freshwater marsh habitats that can be tidally or non-tidally influenced, and plant structure is considered to be more important than plant species composition in predicting habitat suitability. Soils are moist-to-saturated, occasionally dry, and interspersed with, or adjacent to, very shallow water of 1 to 6 centimeters.

The eastern black rail has not been documented within one mile of the project Action Area and was not observed during field reviews. The project area has habitat for this species but is suboptimal habitat for this species and black rails are unlikely to occur within the project area. Additionally, FDOT has commitment to reinitiating consultation with the Service if eastern black rails are observed in the project's Action Area prior to or during construction. Based on the limited suitable habitat, the Service concurs with FDOT's determination that the Project "may affect, not likely to adversely affect" for the eastern black rail.

Everglades Snail Kite

The Project occurs within the geographic range of the snail kite, and this species was observed in the Action Area during field reviews. However, the habitat is unsuitable for this species due to overgrown vegetation that would inhibit preferred nesting habitat for this species as well as the close proximity of nesting and perching substrate to the roadway. Canals present within the Action Area were determined to be unsuitable foraging habitat due to steep side slopes exceeding optimal water depth and the overgrown vegetation on the edge of the canal. Based on this habitat analysis, the Service concurs with FDOT's determination that the project "may affect, not likely to adversely affect" the Everglades snail kite.

STATUS OF THE SPECIES/CRITICAL HABITAT RANGEWIDE

Please see the status of the species for the Florida panther, Audubon's crested caracara, and eastern indigo snake (enclosure). Critical habitat has not been designated for any of these species and will not be affected by the Project.

ENVIRONMENTAL BASELINE

Environmental baseline refers to the condition of the listed species or its designated critical habitat in the Action Area, without the consequences to the listed species or designated critical habitat caused by the proposed Project. The environmental baseline includes the past and present impacts of all Federal, State, or private actions and other human activities in the Action Area, the anticipated impacts of all proposed Federal Projects in the Action Area that have already undergone formal or early section 7 consultation, and the impact of State or private actions which are contemporaneous with the consultation in process. The impacts to listed species or designated critical habitat from Federal agency activities or existing Federal agency facilities that are not within the agency's discretion to modify are part of the environmental baseline.

Status of the species within the Action Area

Florida Panther

It was determined through field reviews, desktop research, and historical data, that potential habitat for the species occurs throughout the Action Area and individuals have been observed within the Action Area. To evaluate Florida panther utilization of habitats within the Action

Area, panther telemetry and mortality GIS data was analyzed. The GIS telemetry and mortality data examined can provide rough estimates of home range boundaries, known or modeled panther travel corridors, and range of panthers in southwest Florida. Impacts and trends of roadways on the Florida panther can be closely analyzed by using telemetry and mortality data. Telemetry data, obtained from the Florida Fish and Wildlife Conservation Commission (FWC), includes recorded GPS data points of collared Florida panthers from February 1981 to January 2025. Mortality data, obtained from the FWC, includes panther mortalities from February 1972 to December 2025.

Telemetry data did not show panther occurrences in the Action Area, however, a road mortality for a Florida panther (UCFP456) due to vehicular trauma was documented in along the SR 70 corridor that will be widened as part of the proposed project.

Audubon's crested caracara

It was determined through field reviews, desktop research, and historical data, that foraging and nesting habitat for this species occurs throughout the project landscape and individuals have been observed within the project area. A survey in 2023 observed several Audubon's crested caracara and identified five nests. Of those nests within the Action Area, 3 will have Primary Zone Impacts (impacts within 300 m of a nest) and all 5 will have Secondary Zone Impacts (impacts within 1,500 m of a nest). The Action Area includes 14.91 acres of primary zone and 302.04 acres of secondary zone around the nests, for a total of 316.95 acres of occupied Audubon's crested caracara nesting habitat. Areas of impacts zones that overlap are only counted once for the total area of impacts calculated.

Due to Audubon's crested caracara's ability to reuse previous nest sites or sites in close proximity to a previous nest site, and the vast availability of suitable nesting/foraging habitat surrounding the project Action Area, FDOT committed that the Action Area will be resurveyed prior to construction to confirm the locations of active Audubon's crested caracara nests to ensure accurate impact estimates.

Eastern Indigo Snake

Currently, there is not a population estimate for the number of individual EIS in the wild as they are difficult to consistently locate in the field, but the number of extant populations on the species level was 53 as of the 2019 EIS Species Status Assessment (USFWS 2019). The 2019 Species Status Assessment shows that Highlands County, FL has a known historic and current population of EIS with multiple records less than 1 miles of each other. There have been 321 historic observations of EIS in Highland County, including 240 observations within the last 20 years and 2 observations within the Action Area in 2007 (Unpublished data).

It was determined, through field reviews, desktop research, and historical data, that the Action Area contains 2,797 acres of suitable habitat for the eastern indigo snake. This species was not observed during FDOT's field reviews, but historical data, including road mortality data has documented occurrences of this species within the Action Area.

Road mortality data from the last 20 years documented 2 EIS within the 1.2 mile buffer around the road designated as the Action Area for this species. This indicates EIS are present within the Action Area but is not representative of the number of EIS that occur within the Action Area.

Climate Change

Our analysis under the Act includes consideration of observed or likely environmental effects related to ongoing and projected changes in climate. As defined by the Intergovernmental Panel on Climate Change (IPCC), “climate” refers to average weather, typically measured in terms of the mean and variability of temperature, precipitation, or other relevant properties over time; thus, “climate change” refers to a change in such a measure which persists for an extended period, typically decades or longer, due to natural conditions (*e.g.*, solar cycles) or human-caused changes in the composition of the atmosphere or in land use (IPCC 2023). Because observed and projected changes in climate at regional and local levels vary from the global average conditions, rather than using global scale projections, we use “downscaled” projections when they are available. In our analysis, we use our expert judgment to weigh the best scientific and commercial data available in our consideration of relevant aspects of climate change and related effects. Based on the observed trends in the climate record gathered from thousands of temperature and precipitation recording stations around the world and changes observed in physical and biological systems, the scientific community is certain that the earth’s climate is changing and a warming trend in the climate is occurring (USGS 2019).

Florida is vulnerable to pulse events and sea level rise, as well as to changes in rainfall and temperatures due to changes in environmental trends associated with climate change. NOAA (2017) model simulations using the more recent Coupled Model Intercomparison Project Phase 5 predicts changes in precipitation seasonally for South Florida with increases in dry season rainfall up to 20 percent and decreases in wet season rainfall up to 30 percent. The change in timing of rainfall will likely stress ecosystems and cause changes in vegetation types. Increased rainfall associated with climate change could reduce the ability to effectively use prescribed burning to manage habitat in optimal conditions for panthers and their prey. Increased rainfall could also reduce the amount of area suitable for panther denning by increasing the area covered with standing water or the duration of inundation of seasonally wet areas. A decrease in precipitation or prolonged drought could affect food availability for panthers and ultimately affect their productivity and survivorship.

Sea level rise, due to climate change, will impact the coastal populations of EIS due to inundation of habitat and increased saline environments. Florida has undergone drastic changes in size and shape over long geologic periods due to sea level changes that influenced the distribution and genetic diversity of the eastern indigo snake (Kyrsko *et al.* 2016). While some eastern indigo snakes have been observed in saline habitats (mangrove swamplands), the species’ salinity tolerance is unknown (Metcalf 2017). Habitat loss and degradation of today’s landscape reduces connectivity and creates movement barriers. For example, Metcalf (2017) suggests for the coastal population at Rookery Bay Reserve, a heavily trafficked road (SR 951) may block their escape inland from rising sea levels.

Impacts of shifting temperatures and rainfall due to climate change are variable but may cause indirect effects, such as dependence on gopher tortoise burrows for winter shelter sites and shifts in prey base. However, since the EIS has a diverse diet, dietary needs for the snake will likely be

met. Shifting temperature and rainfall can negatively affect the ability to conduct prescribed fire (Melvin 2015) which is an important management tool for maintaining good quality habitat. To minimize risk of habitat loss from sea level rise and variable effects from changing weather, maintaining connectivity among habitat patches so that snakes can move in response to changing climate conditions will be essential for long-term viability. (USFWS 2019)

Climate change is predicted to have impacts to the caracara's summer and winter ranges by 2080, expanding by 24% across the range. The Florida population would primarily expand north and west into the southern half of Georgia, with limited expansion into coastal South Carolina, Alabama, Mississippi, and Louisiana. Climate change is also predicted to increase extreme weather events (e.g. hurricanes), however, continued population growth after several severe hurricanes in the last ten years (e.g., Hurricane Irma – 2017, Hurricane Michael – 2018, Hurricane Sally – 2020, Hurricane Ian – 2022), indicates the general ability of this species to withstand extreme weather events. It is also possible that some disturbance from hurricanes could create or maintain more open habitat the species prefers (USFWS 2025).

It is difficult to estimate, with any degree of precision, the species that will be affected by climate change or exactly how they will be affected. The Service will use Strategic Habitat Conservation planning—an adaptive science-driven process that begins with explicit trust resource population objectives—as the framework for adjusting our management strategies in response to climate change (USFWS 2006).

EFFECTS OF THE ACTION

Effects of the Action are all consequences to listed species or critical habitat that are caused by the proposed Action, including the consequences of other activities that are caused by the proposed Action but that are not part of the Action. A consequence is caused by the proposed Action if it would not occur but for the proposed Action, and it is reasonably certain to occur. Effects of the Action may occur later in time and may include consequences occurring outside the immediate area involved in the Action (50 CFR 402.02).

Florida Panther

Land clearing and construction activities

While the project Action Area is not in the USFWS Florida Panther Focus Area or the Florida Panther Dispersal Zone, the project is within a Thatcher Dispersal Pathway, a designated area that contains suitable habitat for the Florida panther and is one of the most likely dispersal routes based on modeling. Land clearing and construction activities associated with the Project will result in the permanent loss of 264.7 acres of dispersal zone lands.

According to the most current home range estimates of the panther (Lotz et al. 2005), the 264.7 acres of habitat lost represents 0.91 percent of a female panther's average home range or territory (29,059 acres) and 0.42 percent of a male panther's average home range or territory (62,542 acres). We do not expect direct mortality of panthers to result from the habitat lost due to the

Project. The habitat value lost due to the Project will be offset, to some extent, by the habitat compensation conservation measure proposed by the Applicant.

Habitat loss due to the Project has the potential to increase intraspecific aggression among panthers in the Project area. Panther mortalities resulting from attacks of conspecifics (*i.e.*, other panthers) are known to occur in the panther population (*e.g.*, males may kill other rival males when defending a territory). A reduction in territory size due to habitat lost due to the Project may cause a panther to attempt to expand its territory in search of a requisite resource (*e.g.*, prey, mates, etc.) and increase the potential for interactions with conspecifics. Such interactions usually result in a fight that often ends in the death of one of the participants. A total of 13 panther deaths have occurred within 25 miles of the project corridor since 1983. Of those, one was a reported case of panther mortality due to intraspecific aggression, 10 due to vehicular trauma, and 2 from unknown causes. The most recent intraspecific aggression within the Action Area was documented in 2021.

The Project will result in the loss of 267.7 acres of panther and may increase the potential for intraspecific aggression in the Action Area to a minor extent. We acknowledge that we currently do not have a method to estimate the future number of panther mortalities in the Action Area resulting from intraspecific aggression due to habitat loss. However, we do not expect this minor increase in the potential for intraspecific aggression due to habitat lost from the Project to translate into a measurable increase in panther deaths in the Action Area.

The operation of heavy equipment (*e.g.*, bulldozers, graders, skip loaders, etc.) and other motor vehicles in the construction footprint have the potential to injure or kill panthers (*i.e.*, panthers could be crushed due to collisions with construction vehicles). However, panthers are intelligent and highly vagile and would most likely vacate the area for the duration of construction activities. Moreover, construction vehicles are likely to move at relatively slow speeds, and operate when panthers are less active (*i.e.*, daytime). Therefore, we expect that panthers will be able to avoid construction vehicles during construction of the Project and find that injuries and mortalities of panthers resulting from construction vehicles are unlikely to occur.

The increase in noise and human activities due to construction activities will increase disturbance to panthers in the Project vicinity during construction of the Project. Consequently, the Service notes that these activities may cause resident or dispersing panthers to avoid the Project site during construction. Moreover, resident panthers may adjust their territories due to the disturbance. The effect of the disturbance to the panther due to construction activities is expected to be temporary and will not result in permanent changes in the use of land by panthers adjacent to the Project footprint.

Motor vehicle traffic following completion of the Project

Motor vehicles using the SR 70 provide a threat to panthers in the Action Area. Injuries and mortalities of panthers due to collisions with motor vehicles can result when panthers attempt to cross roads that contain vehicles travelling at high speeds. This risk may be increased when panthers attempt to cross a roadway at night because they can be easily blinded and disoriented by motor vehicle lights and may misjudge the speed and location of moving vehicles. As

indicated above, panther injuries and mortalities due to motor vehicle strikes have been documented in the Action Area. A total of 10 panther mortalities due to vehicular trauma have been documented within the Action Area since 1983, with one of those occurring within the project footprint in 2024.

The proposed Project will increase the width of paved roadway, containing cars and trucks moving at high speeds, that panthers must traverse when crossing the roadway. This will increase the potential for panther mortality due to vehicular trauma in the following ways: 1) the increased amount of time it takes for a panther to cross the wider road; 2) the increased capacity of the roadway for vehicles, due to the addition of more lanes; 3) the projected future increase in human population growth and development, and associated increase in motor vehicles using the roadway. The Service does not have reliable data, or any known reliable method, to quantify an increased risk to panthers from road mortality that may occur as a function of the increased width of the paved roadway resulting from the Project. However, it is logical to infer that the potential for panther mortality may increase with the width and increased capacity of paved roadway containing high speed motor vehicle traffic. We expect that the increase in the potential for motor vehicle collisions in the Project footprint due to the Project will be small because panther deaths due to motor vehicle collisions are uncommon in the Project footprint (One panther death resulting from a motor vehicle strike was recorded within the Project footprint), panther use of lands near the Project footprint—and therefore crossings of the paved roadway in the Project footprint—is not likely to increase because all existing panther territories adjacent to the Project footprint are thought to be occupied and we do not expect the overall number of adult panthers in the area to increase due to the territorial behavior of panthers. We do not expect the effects of road widening in the Project footprint to cause mortality on other segments of road in the Action Area because those segments will not be altered. Finally, two wildlife shelves will be added under the existing bridge crossings which would provide an avenue for panthers to cross under the road.

Operation of the widened roadway (*i.e.*, motor vehicle use) is expected to result in disturbance to panthers (*i.e.*, affect their movements) in the Project area. Panthers are already exposed to significant disturbance in the Project corridor from motor vehicles using the existing two-lane roadway (*e.g.*, the presence and noise of motor vehicles, vehicle lights, etc.). However, the addition of two new paved lanes, sidewalk, and a center grassy median will expand the extent of disturbance from motor vehicle use. The expected increase in the number of vehicles, bikes, and pedestrians using the road corridor resulting from future development in the region will also increase the magnitude of the disturbance. Disturbance resulting from motor vehicle use of the Project corridor could affect the movements of panthers. Consequently, panthers may be less likely to cross the roadway, or they may choose to avoid the SR 70 Project corridor altogether. Based on our knowledge of the panther's behavior, we believe that panthers will acclimate to the increased level of disturbance resulting from the Project. Consequently, the increase in disturbance resulting from roadway operation due to the Project will not significantly change panther use patterns in the Project area.

Based on the panther home range size and previous documented vehicular mortality events, the Service expects no more than 1 female and 1 male panther to be adversely affected by this project due to habitat loss and vehicular trauma.

Audubon's Crested Caracara

Land clearing and construction

Land clearing and construction activities associated with the proposed project will result in the permanent loss of 316.95 acres that may provide habitat for the caracara and its prey. This acreage includes the loss of approximately 14.91 acres of primary zone and 302.04 acres of secondary zone for five documented nest sites. Impacts include freshwater marshes, wet prairies, unimproved and improved pastures, and other agricultural lands within the primary and secondary zone habitats. Despite the loss of caracara habitat in the project footprint, available habitat adjacent to the project site includes agricultural lands, pasture and some native uplands and wetlands that caracaras may use for nesting, feeding and dispersal. The land within the construction footprint will be converted to paved roadway, stormwater ponds, and disturbed road right-of-way but still may be used by caracara. To offset adverse effects, FDOT has committed to making a contribution to the Crested Caracara Conservation Fund.

Road Mortality

The widening of the roadway will increase the potential for injuries and mortalities of the caracaras due to collisions with motor vehicles. The threat due to motor vehicle collisions is exacerbated due to caracara's habits of feeding on road-killed animals found on or adjacent to roadways. Motor vehicle traffic is expected to increase following the completion of the widening in the project area. Therefore, it is possible that over the life of the project, caracaras may be injured or killed by collisions with motor vehicles. Although project improvements are expected to increase the potential for vehicle strikes to some extent, the number of caracara injuries and mortalities due to vehicle strikes is expected to be small over the life of the project and not significantly affect the survival and recovery of the species.

Eastern Indigo Snake

Land clearing and construction

The most current home range estimates for a male and female EIS is 244.75 acres with an estimated home range width of 1.2 mi (Bauder unpublished data). Land clearing and construction activities associated with the proposed project will result in the permanent loss and/or fragmentation of 2,797 acres of suitable habitat identified by GIS analysis within the Action Area. Habitat loss, fragmentation, and degradation are a major reason for EIS population decline. The impacts from the habitat loss and fragmentation as a result of this project is expected to harm up to 3 EIS. The habitat value lost due to the Project will be offset, to some extent, by the habitat compensation conservation measure proposed by the Applicant.

Road Mortality

The widening of the roadway will increase the potential for injuries and mortalities of EIS due to vehicular trauma. Motor vehicle traffic is expected to increase following the completion of the widening in the project area. Therefore, it is possible that over the life of the project, EIS may be

injured or killed by motor vehicles. Although project improvements are expected to increase the potential for vehicle strikes to some extent, the number of EIS injuries and mortalities due to vehicle strikes is expected to be small over the life of the project and not significantly affect the survival and recovery of the species.

Based on the 2,797 acres of suitable habitat identified in the project area, it is estimated that 23 EIS occur within the Action Area. Based on the probability of this species crossing the road estimated at 0.23 in Bauder et al 2018 and a 50% road mortality rate, it is expected up to 3 EIS may be harmed or killed as a result of vehicular trauma.

CUMULATIVE EFFECTS

The Service defines “cumulative effects” considered in this Biological Opinion as the effects of future State, Tribal, local, or private actions (*i.e.*, non-Federal actions usually not subject to consultation by the Service pursuant to Section 7 of the Act) reasonably certain to occur in the Action Area. The effects of these non-Federal actions are analyzed with the effects of the proposed Project when conducting the jeopardy analysis. Our definition of cumulative effects does not include future Federal actions unrelated to the proposed action because these actions require separate consultation pursuant to section 7 of the Act. 7 of the ESA).

Recent non-federal actions are those development projects that have occurred in the action area during the last three years (2023-2025) and have resulted in the loss of panther, caracara, and/or EIS habitat. The Service considers these recent actions as representative of future non-federal actions that are likely to occur in the Action Area.

Review of future land use maps, Development of Regional Impacts (DRIs), and Planned Unit Developments (PUDs) in Highlands and Glades Counties within approximately five miles of the Preferred Alternative resulted in no DRIs or PUDs with planned development. Additionally, a permit search was completed for the same area and for state issues permits to identify permits issued with no federal nexus. There are several Florida Department of Environmental Protection (FDEP) permits issued for utility related improvements however those improvements and required permits include a federal nexus with the Federal Energy Regulatory Commission (FERC) and U.S. Army Corps of Engineers (USACE) permits. All the state permits issued in the area authorized agricultural improvements do not result in the loss of habitat for federally listed species analyzed in this BO, including Audubon’s crested caracara, eastern indigo snake or Florida panther. Based on review of existing permits and future land use maps that include only agricultural and conservation lands, adverse cumulative effects are not expected to occur within the Action Area.

CONCLUSION

After reviewing the current status of the Florida panther, the Audubon’s crested caracara, and the eastern indigo snake, the environmental baseline for the Action Area, the effects of the proposed action, and the cumulative effects, it is the Service’s biological opinion that the Project, as proposed, is not likely to jeopardize the continued existence of the Florida panther, the

Audubon's crested caracara, or the eastern indigo snake. We have reached this conclusion because:

1. The project will result in 264.7 acres of panther habitat lost. The amount of habitat lost represents 0.91 percent of a female panther's average home range or territory (29,059 acres) and 0.42 percent of a male panther's average home range or territory (62,542 acres). Therefore, we do not expect that this minor loss of habitat resulting from the Project to significantly affect the range-wide population of panthers. However, we acknowledge that collectively, habitat loss could threaten the survival and recovery of the panther, and we will continue to monitor the effects of habitat loss on the panther throughout its range. FDOT has committed to purchasing 951 Panther Habitat Units (PHUs) from the Platt Branch Conservation Mitigation Bank prior to construction to mitigate the permanent loss of 264.7 acres of dispersal zone lands.
2. This project is estimated to result in the take of one female and one male panther. A loss of this magnitude is not expected to cause jeopardy because the range-wide panther population is predicted to be ~414 panthers in 2016 and 2017 (Onorato et al. 2024; the most current estimate available), and the current panther population is expected to be able to withstand this level of take. The construction of panther compatible wildlife shelves under the 2 existing bridges will further reduce harm by providing a safe avenue to cross the road. This benefit is somewhat reduced without adequate wildlife fencing to funnel panthers into the wildlife crossings.
3. The proposed project will result in the permanent loss of 316.95 acres that may provide habitat for the caracara and its prey. This acreage includes the loss of approximately 14.91 acres of primary zone and 302.04 acres of secondary zone for five documented nest sites. FDOT has committed to contributing \$89,476.20 to the Crested Caracara Conservation Fund to offset impacts to this species. Although the project will result in primary and secondary zone impacts, no impacts to the nests themselves are expected. FDOT committed to resurvey prior to construction to identify any active nest location(s) to ensure accurate impact analysis.
4. The proposed project will result in the permanent loss and/or fragmentation of 2,797 acres of suitable EIS habitat within the Action Area. Due to the road widening, increased vehicular traffic, and habitat loss and fragmentation, the Service estimates 6 EIS will be harmed or killed as a result of this project. Although specific population numbers are unknown, the overall number of EIS taken as a result of this project is a small percentage of the population range-wide and is not expected to cause jeopardy. FDOT has committed to provide 152.80 eastern indigo snake (EIS) acre credits from PBMB which include land cover types that provide habitat for the EIS to offset impacts to this species. Due to the project not currently being funded for construction, if EIS credits are not available from PBMB, FDOT will contribute \$78,000 to the EIS Conservation Fund or an agreed amount by USFWS if a portion of the credits are provided by PBMB.

INCIDENTAL TAKE STATEMENT

Section 9 of the Act and Federal regulation pursuant to section 4(d) of the Act prohibit the take of endangered and threatened species, respectively, without special exemption. Take is defined as to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture or collect, or to attempt to engage in any such conduct. Harm is further defined by the Service to include significant habitat modification or degradation that results in death or injury to listed species by significantly impairing essential behavioral patterns, including breeding, feeding, or sheltering. Harass is defined by the Service as intentional or negligent actions that create the likelihood of injury to listed species to such an extent as to significantly disrupt normal behavior patterns which include, but are not limited to, breeding, feeding, or sheltering. Incidental take is defined as take that is incidental to, and not the purpose of, the carrying out of an otherwise lawful activity. Under the terms of section 7(b)(4) and section 7(o)(2), taking that is incidental to, and not intended as part of the agency Action, is not considered to be prohibited taking under the Act provided such taking is in compliance with the terms and conditions of this incidental take statement.

The terms and conditions described below are nondiscretionary and must be undertaken by FDOT, so they become binding conditions of any grant or permit issued to FDOT, as appropriate, for the exemption in section 7(o)(2) to apply. FDOT has a continuing duty to regulate the activity covered by this incidental take statement. If FDOT 1) fails to assume and implement the terms and conditions or 2) fails to require a permittee, contractor, or grantee to adhere to the terms and conditions of the incidental take statement through enforceable terms that are added to the permit or grant document, the protective coverage of section 7(o)(2) may lapse. In order to monitor the impact of incidental take, FDOT must report the progress of the Action and its impact on the species to the Service as specified in the Incidental Take Statement [50 CFR § 402.14(i)(3)].

AMOUNT OR EXTENT OF TAKE

The Service has reviewed the biological information for the Florida panther, the Audubon’s crested caracara, and the EIS, information presented by the FDOT and the Applicant, and other available information relevant to this action. The Service anticipates that the project will result in take of Florida panther, Audubon’s crested caracara, and EIS in the form of harm and harassment (as defined in 50 CFR §17.3) from the direct loss of habitat in the Project footprint and road mortality.

Table 2: Anticipated Incidental Take

Species	Common Name	Amount or Extent	Life Stage	Form of Take
<i>Puma concolor coryi</i>	Florida Panther	264.7 acres (1 male & 1 female)	Adults	Kill/Harm
<i>Drymarchon corais couperi</i>	Eastern Indigo Snake	6 individuals	Adults	Kill/Harm
<i>Polyborus plancus audubonii</i>	Audubon’s crested caracara	14.91 acres primary nesting habitat (surrogate)	Adults, Eggs	Harm

Florida Panther

The Service has chosen to use habitat loss as a surrogate for monitoring the number of individual panthers expected to be taken incidentally from habitat loss due to the Project. It is not practicable to monitor take of panthers directly due to habitat loss for the following reasons: (1) the panther is wide-ranging, and it is difficult to monitor panthers in their territories; especially those not fitted with telemetry collars; and (2) it is difficult to document the adverse effects of habitat loss from the Project on survival and reproduction of individual panthers. Conversely, the Service notes that habitat loss is easily measured and monitored. The amount of incidental take from the Project due to habitat loss is 264.7 acres of suitable panther habitat in the Project footprint which amounts to territory for 1 male and 1 female panther. FDOT has committed to mitigating this habitat loss through the purchase of 951 PHUs from the Platt Branch Conservation Mitigation Bank. If this amount of incidental take is exceeded, immediate reinitiation of consultation is required, to the extent discretionary Federal agency involvement or control over the action has been retained or is authorized by law.

Audubon's Crested Caracara

The level of incidental take is difficult to quantify because documenting the adverse effects of loss of foraging habitat and disturbance on survival and reproduction (*e.g.*, nest abandonment or failure) of caracaras from the project is problematic. Moreover, the possibility also exists that caracaras in the Action Area may still breed successfully by either choosing a new nest location further away from the construction activities, or by adapting to the disturbance and proceeding with their usual nesting activities. The Service has chosen to use habitat loss as a surrogate for monitoring the number of individual caracaras expected to be taken incidentally from habitat loss due to the Project. As such, the Service estimates the amount of incidental take resulting from the project as the loss of: 316.95 acres of occupied nesting habitat (14.91 acres of Primary Zone Impacts and 302.04 acres of Secondary Zone impacts) within the Action Area. If this amount of incidental take is exceeded, immediate reinitiation of consultation is required, to the extent discretionary Federal agency involvement or control over the action has been retained or is authorized by law.

Eastern Indigo Snake

The proposed project will result in the permanent loss and/or fragmentation of 2,797 acres of suitable EIS habitat within the Action Area. Based on the EIS' home range and previous documented road mortality events with the Action Area the Service estimates the take of 6 individuals as a result of this project. This is a small percentage of the overall population. If this amount of incidental take is exceeded, immediate reinitiation of consultation is required, to the extent discretionary Federal agency involvement or control over the action has been retained or is authorized by law.

EFFECT OF TAKE

In the accompanying Biological Opinion, the Service determined this level of anticipated take is not likely to result in jeopardy to the Florida panther, eastern indigo snake, or Audubon's crested caracara. Critical habitat has not been designated for the panther, the eastern indigo snake, or the Audubon crested caracara and will not be affected.

REASONABLE AND PRUDENT MEASURES

When providing an incidental take statement, the Service is required to provide: 1) reasonable and prudent measures it considers necessary or appropriate to minimize the take; 2) terms and conditions that must be complied with to implement the reasonable and prudent measures; and 3) procedures to be followed if any federally listed species are injured or killed. The Service finds the Applicant has already designed the Project to minimize take resulting from the action. Therefore, additional reasonable and prudent measures and their implementing terms and conditions are not necessary to reduce take of the panther resulting from the action and will not be provided.

MONITORING AND REPORTING REQUIREMENTS

Pursuant to 50 Code of Federal Regulations 402.14(i)(3), the FDOT must provide adequate monitoring and reporting to determine if the amount or extent of take is approached or exceeded. Following land clearing associated with the Project, the FDOT must provide a report notifying the Service as to the acreage of each habitat or land cover type cleared by the Project within the Project footprint.

DISPOSITION OF DEAD OR INJURED SPECIMENS

Upon locating a dead, injured, or sick threatened or endangered species, initial notification must be made to the nearest Service Law Enforcement Office: 20501 Independence Blvd., Groveland, Florida 34736; phone number 352-429-1037, as well as the Florida Fish and Wildlife Conservation Commission's Wildlife Alert phone number; 888-404-3922. Secondary notification should be made to the biologist identified below at the Florida Ecological Service Office, phone number 772-268-7169. Care should be taken in handling sick or injured specimens to ensure effective treatment and in the handling of dead specimens to preserve biological material in the best possible state for later analysis as to the cause of death. In conjunction with the care of sick or injured specimens, or the preservation of biological materials from a dead animal, the finder has the responsibility to carry out instructions provided by Law Enforcement to ensure that evidence intrinsic to the specimen is not unnecessarily disturbed.

CONSERVATION RECOMMENDATIONS

Section 7(a)(1) of the Act directs Federal agencies to utilize their authorities to further the purposes of the Act by carrying out conservation programs for the benefit of endangered and threatened species. Conservation recommendations are discretionary agency activities to benefit the survival and recovery of the Federally listed species adversely affected by the Project, help

implement the species' recovery plans, or to acquire information related to the species. The Service is not proposing any additional conservation recommendations at this time.

REINITIATION NOTICE

This concludes formal consultation on the Project. As provided in 50 CFR § 402.16, reinitiation of formal consultation is required where discretionary Federal agency involvement or control over the action has been retained (or is authorized by law) and if: (1) the amount or extent of incidental take is exceeded (see below); (2) the agency action is subsequently modified in a manner that causes an effect to the listed species or critical habitat not considered in this opinion; (3) new information reveals effects of the agency action that may affect listed species or critical habitat in a manner or to an extent not considered in this opinion; or (4) a new species is listed or critical habitat designated that may be affected by the action. The amount of incidental take authorized by this consultation may be exceeded should impacts from the proposed Project increase beyond the loss of 264.7 acres of panther habitat in the Project footprint, 316.95 acres of occupied Audubon's crested caracara nesting habitat (14.91 acres of Primary Zone Impacts and 302.04 acres of Secondary Zone impacts), or more than 6 eastern indigo snakes.

Thank you for your cooperation and effort in protecting federally listed species and fish and wildlife resources. If you have any questions regarding this Project, please contact Amber Rhodes at amber_rhodes@fws.gov or at (772) 268-7169.

Sincerely yours,

**MARK
CANTRELL**

For José J. Rivera

Division Manager, Environmental Review
Florida Ecological Services Office

Digitally signed by MARK
CANTRELL
Date: 2025.11.25 07:50:41
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Enclosures

Audubon's Crested Caracara [Florida DPS] 5-year Review 2025

Florida Panther (*Puma concolor coryi*) 5-Year Review 2009

Eastern Indigo Snake (*Drymarchon couperi*) 5-Year Status Review 2024

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REGION 4

ATLANTA, GA 30303

June 16, 2025

Mr. Martin Horwitz
Sr. Environmental Scientist/Project Manager
Kisinger Campo & Associates
111 N. Magnolia Ave., Ste 1050
Orlando, FL 32801

Subject: Sole Source Aquifer Review/Concurrence SR 70 PD&E Study from Lonesome Island Road to the Southern Leg of CR 721 in Highlands County, Florida.

Dear Mr. Horwitz:

The U.S. Environmental Protection Agency, Region 4 received the Florida Department of Transportation's (FDOT) request on May 15, 2024 to review the above referenced project pursuant to Section 1424(e) of the Safe Drinking Water Act (SDWA), [42 U.S.C. § 300h-3](#). The objective of the EPA's review is to determine if the project lies within the boundaries, including recharge and streamflow source zones, of an EPA designated Sole Source Aquifer (SSA), and to determine if the project poses potential adverse health or environmental impacts. A SSA is the sole or principal water source for a designated area.

The proposed SR 70 PD&E Study from Lonesome Island Road to the Southern Leg of CR 721 Project undertaken by Kisinger Campo & Associates on behalf of FDOT in the county will involve evaluation of roadway widening from an existing two-lane undivided roadway to a four-lane divided roadway. The project has been determined to lie inside the designated boundaries of the Biscayne Sole Source Aquifer and based on the information provided, may cause a significant impact to the aquifer system when the Project's roadways are constructed and/or construction dewatering is undertaken. However, with proper implementation of best management practices (BMPs), these potential impacts can be adequately reduced or properly mitigated. To that effect, when constructing road, the FDOT must adhere to the list of BMPs provided as items 1 and 2 below. The dewatering operation BMPs are listed in item 3 below:

1. FDOT Design Manual Chapter 320 Stormwater Pollution Prevention Plan (SWPPP)
2. FDOT Standard Specification for Road and Bridge Construction,
 - a. Section 6 – Control of Materials
 - b. Section 104 – Prevention, Control, And Abatement of Erosion and Water Pollution

c. Section 455 – Structures Foundations³. U.S. Bureau of Reclamation Engineering Geology Field Manual – Chapter 20 Water Control.

<https://www.usbr.gov/tsc/techreferences/mands/geologyfieldmanual-vol2/Chapter20.pdf>

Furthermore, all debris from any demolition of the existing structures must be properly contained and removed from the site prior to construction of the new structure. If applicable, all county flood plain management plans and public notification processes must be followed. During construction, it is the EPA’s understanding and expectation that those responsible for the project will strictly adhere to all Federal, State, and local government permits, ordinances, planning designs, construction codes, operation, maintenance, and engineering requirements, and any contaminant mitigation recommendations outlined by federal and state agency reviews. All best management practices for erosion and sedimentation control must also be followed and State and local environmental offices must be contacted to address proper drainage and storm water designs. Additionally, the project manager should contact State and local environmental officials to obtain a copy of any local Wellhead Protection Plans. The following website provides information regarding the Florida Department of Environmental Protection’s Source Water Assessment and Protection Program.

<http://www.dep.state.fl.us/swapp/Default.html>.

The EPA finds that, if the conditions outlined above are adhered to, this Project should have no significant impact to the aquifer system. Please note that this “no significant impact” finding has been determined based on compliance with the requirements outlined above and, on the information provided. Further, this finding only relates to Section 1424(e) of the SDWA, [42 U.S.C. § 300h-3](#). If there are any significant changes to the project, the EPA Region 4 office should be notified for further review. Other regulatory groups within the EPA responsible for administering other programs may, at their own discretion and under separate cover, provide additional comments.

Thank you for your concern with the environmental impacts of this project. If you have any questions, please contact Ms. Jayeeta Chakraborty at 404-562-8845 or Chakraborty.Jayeeta@epa.gov or Mr. Larry Cole at 404-562-9474 or Cole.Larry@epa.gov.

Sincerely,

KHURRAM RAFI

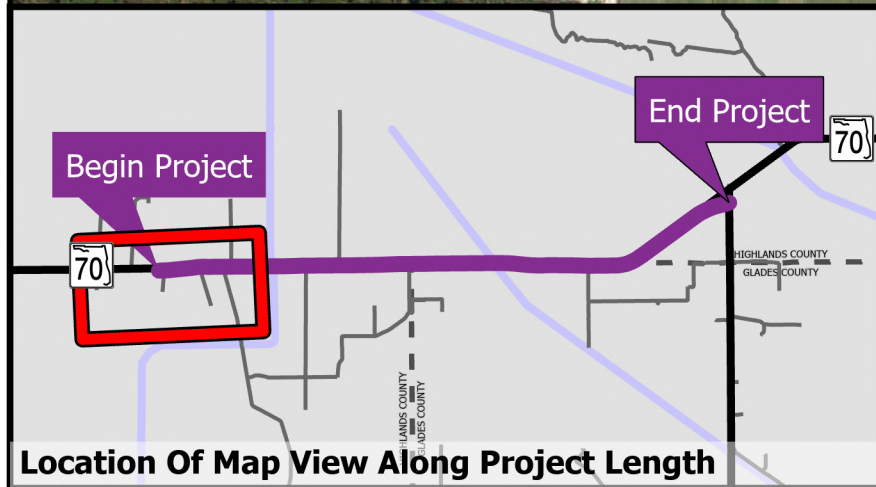
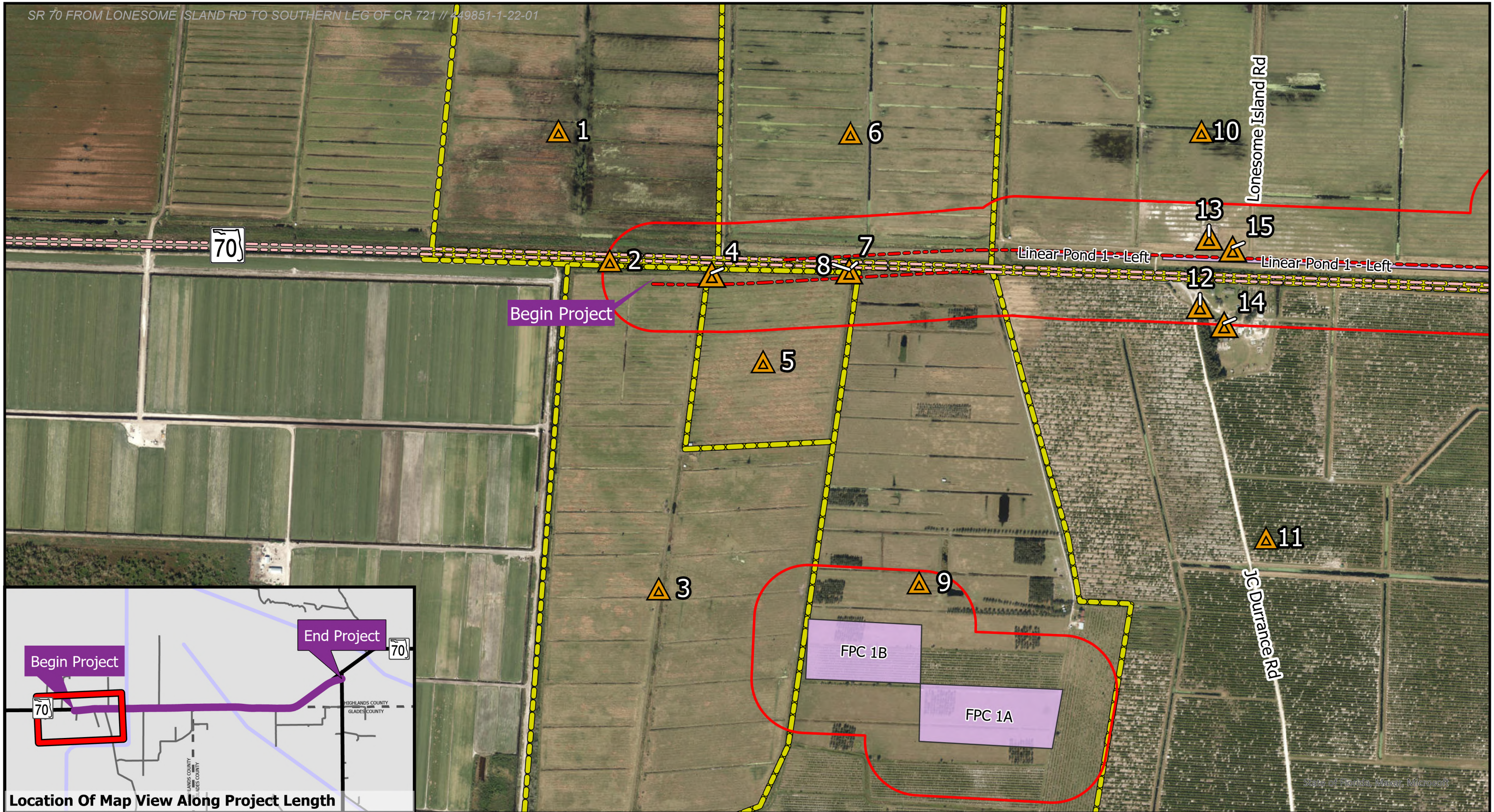
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Khurram Rafi, Manager
Groundwater and GIS Section
Safe Drinking Water Branch
Water Division
U.S. EPA, Region 4

Physical Resources Appendix

Contents:

Potential Contamination Site Maps (August 2025)




SR 70 Realignment - Page 1 of 7

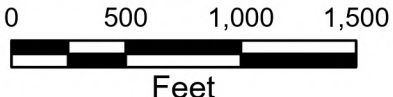
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--- ROW - Proposed* Potential Contamination Parcel
 *When the proposed ROW is spatially coincident with the existing ROW, only the existing ROW is displayed.


Potential Contamination Site 500 ft Buffer
▲ Medium Risk
▲ Low Risk

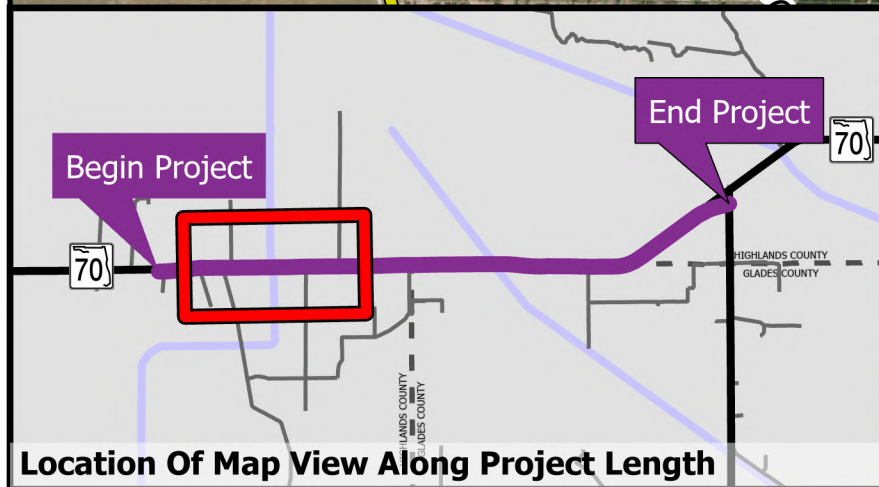
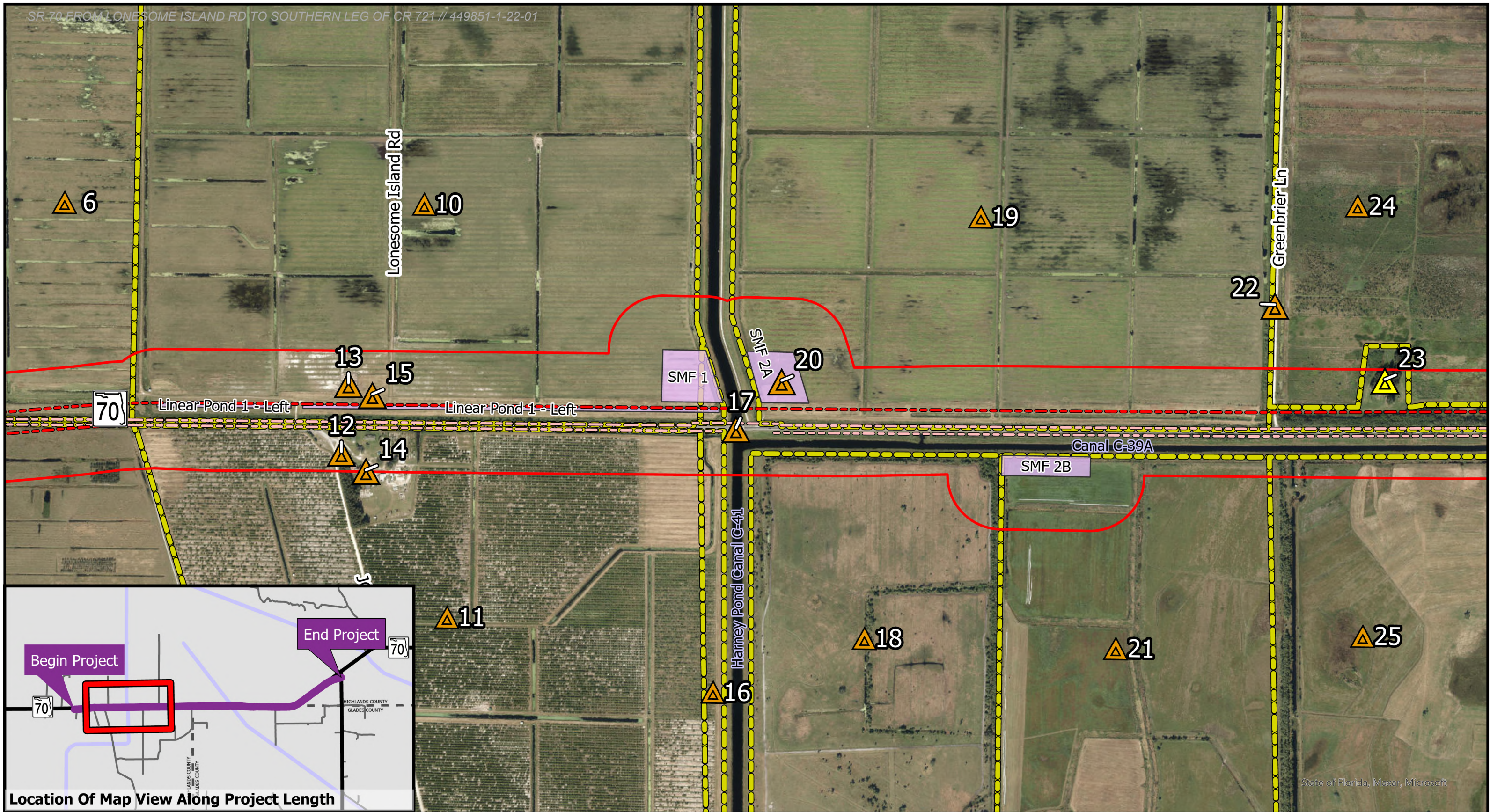
Potential Contamination Sites With Preferred Pond Sites

SR 70 from Lonesome Island Rd to the Southern Leg of CR721
 Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL






Page 91 of 176



SR 70 Realignment - Page 2 of 7

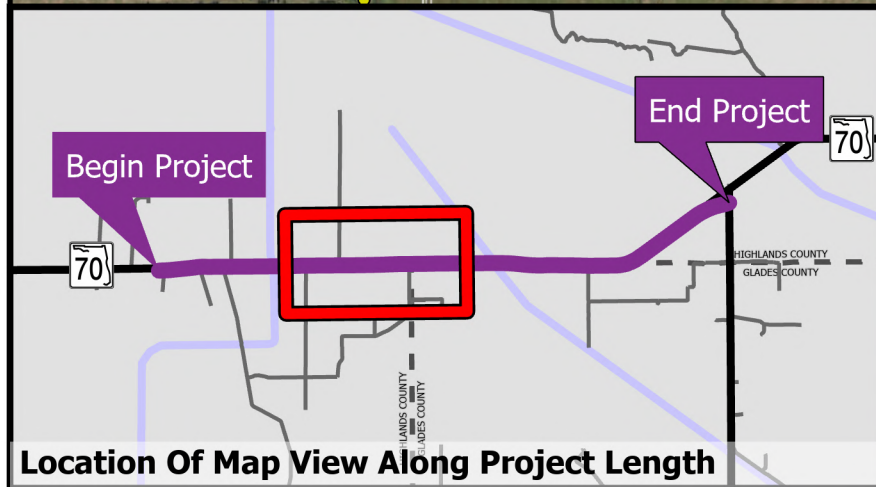
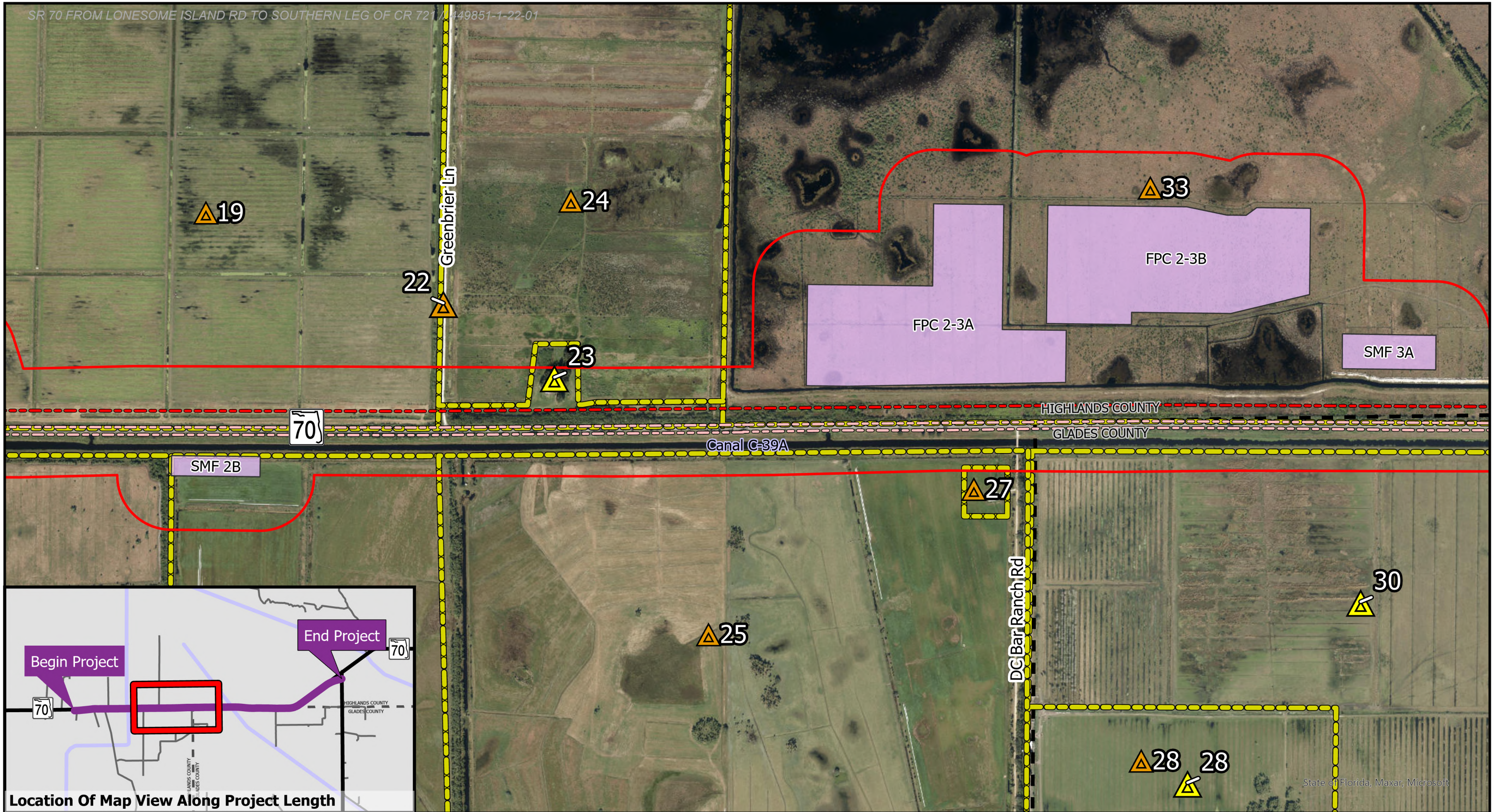
- ROW - Existing
 - - - ROW - Proposed*
 - Proposed Pond Site
 - Potential Contamination Parcel
- *When the proposed ROW is spatially coincident with the existing ROW, only the existing ROW is displayed.

- Potential Contamination Site** 500 ft Buffer
- ▲ Medium Risk
 - ▲ Low Risk

Potential Contamination Sites With Preferred Pond Sites

SR 70 from Lonesome Island Rd to the Southern Leg of CR721
 Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL

Page 92 of 176



SR 70 Realignment - Page 3 of 7

--- ROW - Existing Proposed Pond Site
--- ROW - Proposed* Potential Contamination Parcel

*When the proposed ROW is spatially coincident with the existing ROW, only the existing ROW is displayed.

Potential Contamination Site 500 ft Buffer

▲ Medium Risk
▲ Low Risk

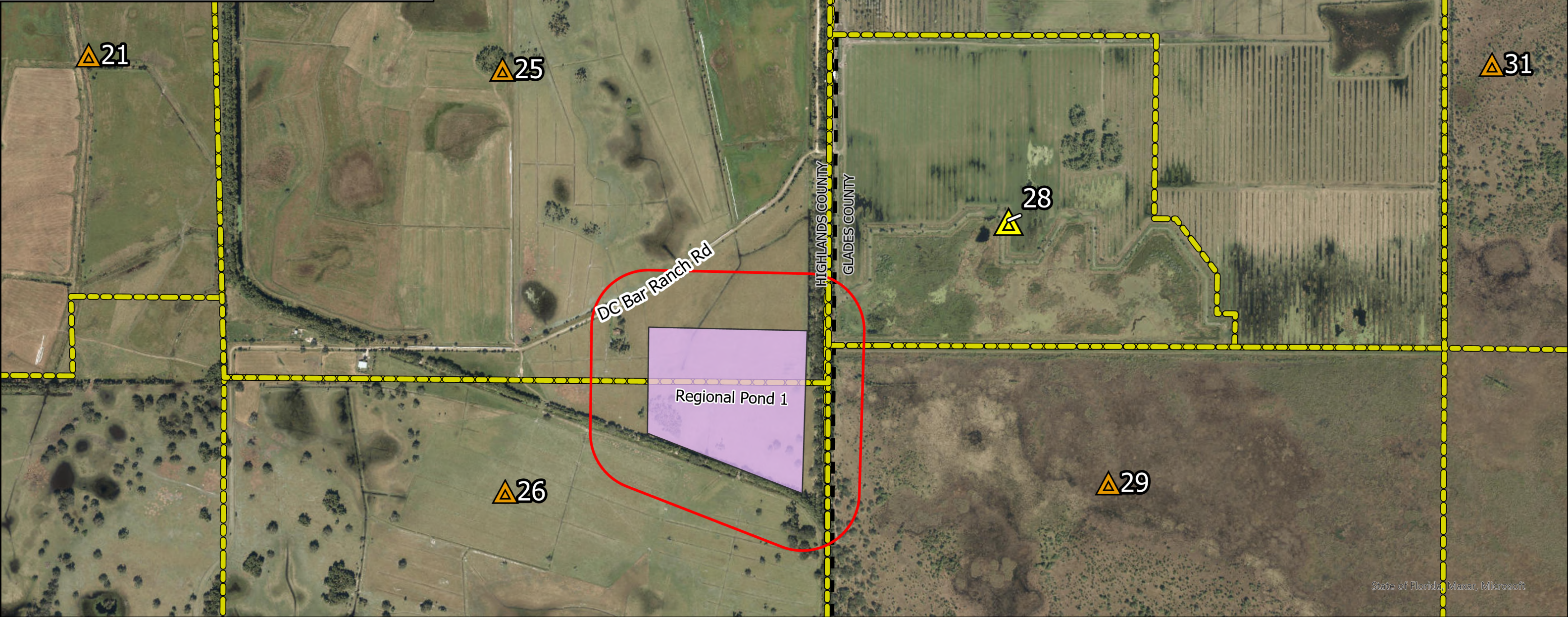
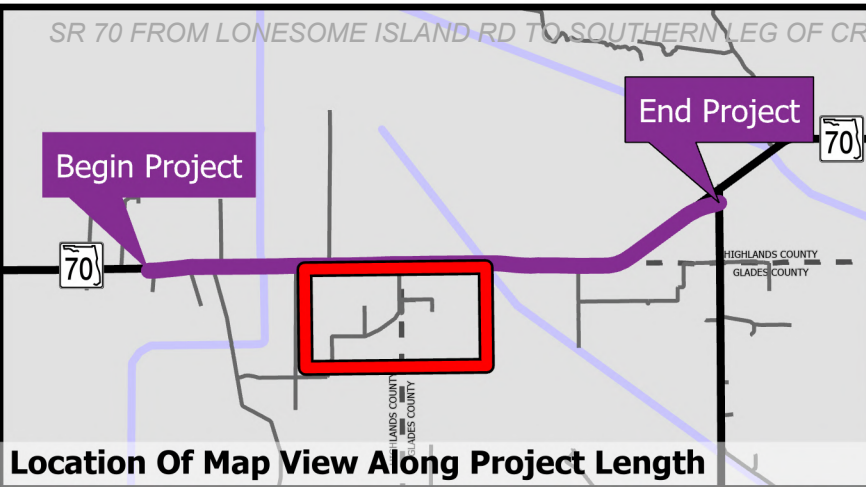
Potential Contamination Sites With Preferred Pond Sites

SR 70 from Lonesome Island Rd to the Southern Leg of CR721

Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL

Feet

Page 93 of 176



State of Florida, Maxar, Microsoft

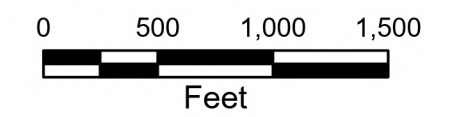
SR 70 Realignment - Page 4 of 7

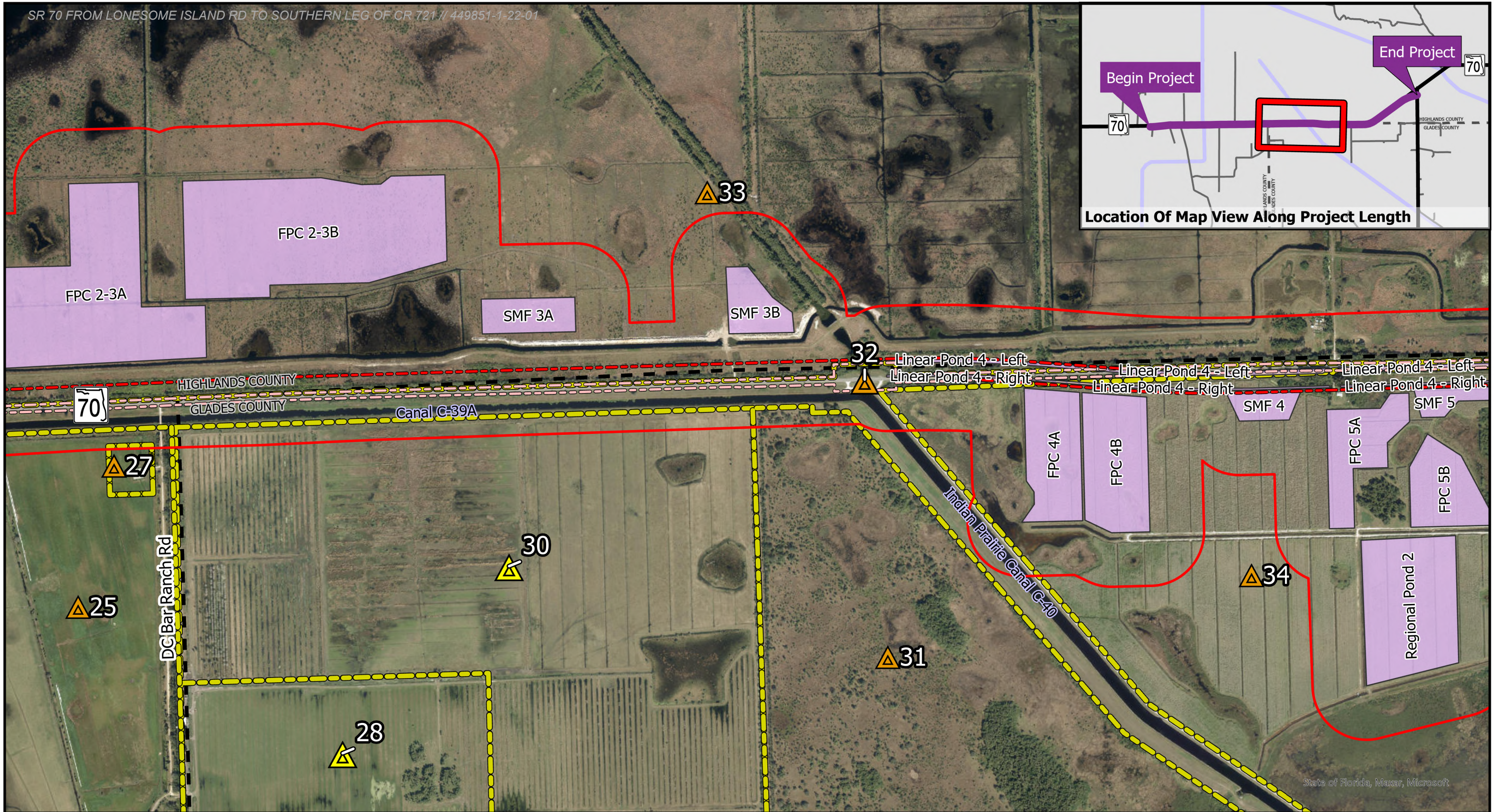
- Proposed Pond Site
- Potential Contamination Parcel
- Potential Contamination Site
- 500 ft Buffer
- Medium Risk
- Low Risk

*When the proposed ROW is spatially coincident with the existing ROW, only the existing ROW is displayed.

Potential Contamination Sites With Preferred Pond Sites

SR 70 from Lonesome Island Rd to the Southern Leg of CR721
 Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL






SR 70 Realignment - Page 5 of 7

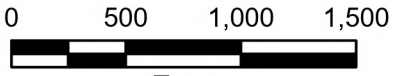
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 Potential Contamination Parcel
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Potential Contamination Site 500 ft Buffer
▲ Medium Risk
▲ Low Risk


Potential Contamination Sites With Preferred Pond Sites

SR 70 from Lonesome Island Rd to the Southern Leg of CR721
 Project Development & Environment Study
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 Highlands County, FL

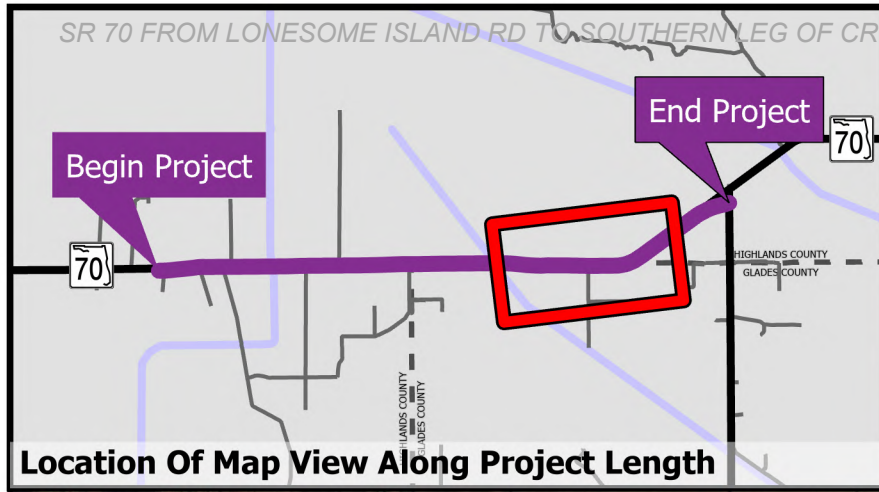




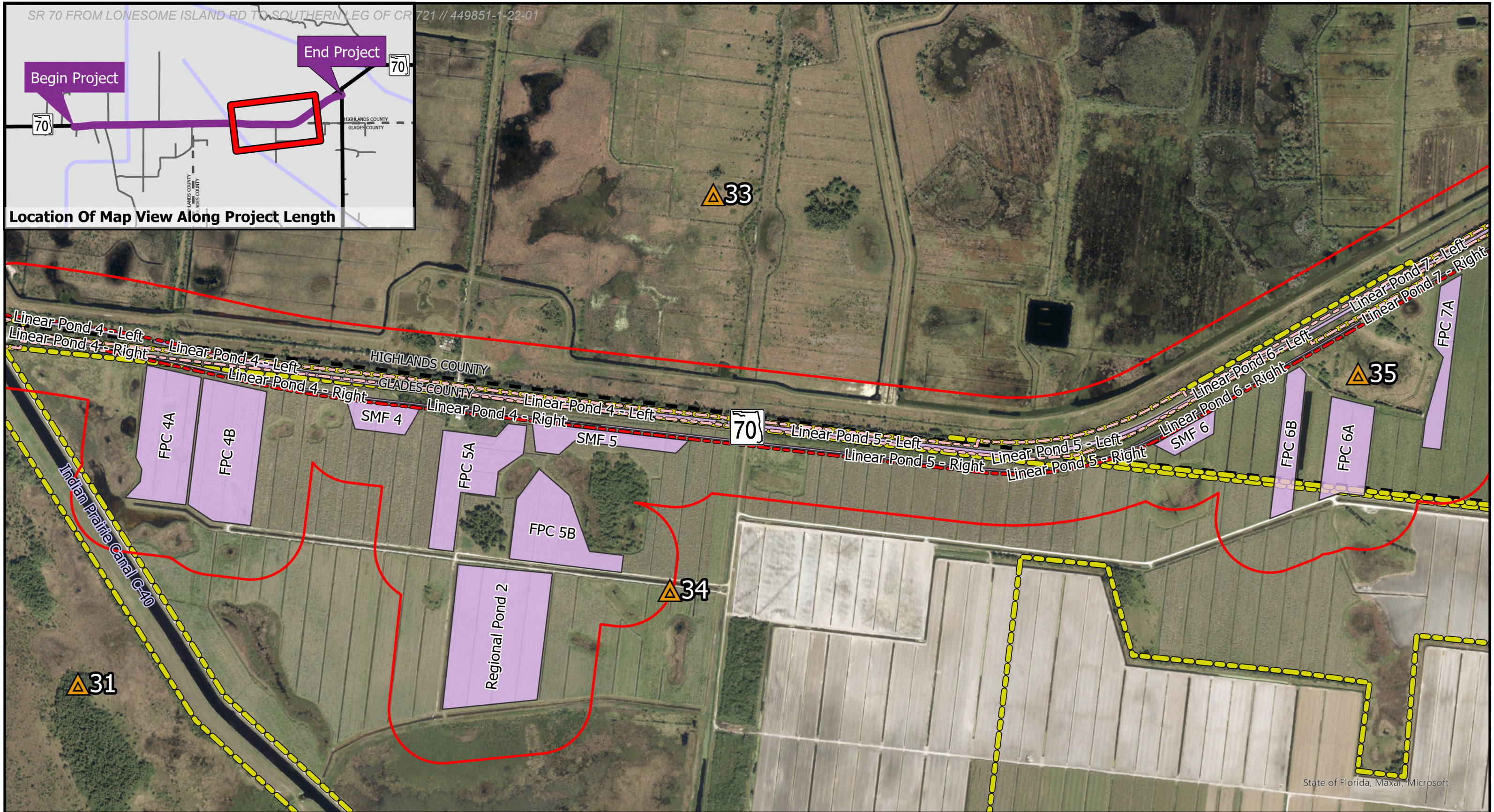
0 500 1,000 1,500
Feet



Page 95 of 176



Location Of Map View Along Project Length



State of Florida, Maxar, Microsoft

SR 70 Realignment - Page 6 of 7

- - - ROW - Existing
 - - - ROW - Proposed*
 - Proposed Pond Site
 - Potential Contamination Parcel
- *When the proposed ROW is spatially coincident with the existing ROW, only the existing ROW is displayed.

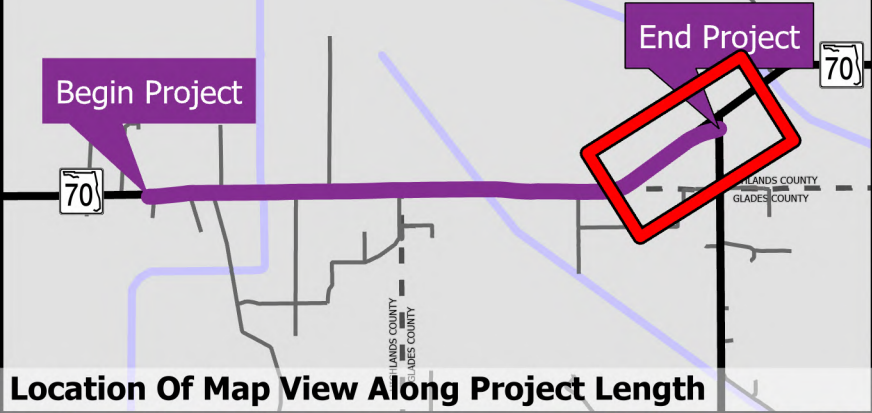
- Potential Contamination Site** 500 ft Buffer
- ▲ Medium Risk
 - ▲ Low Risk

Potential Contamination Sites With Preferred Pond Sites

SR 70 from Lonesome Island Rd to the Southern Leg of CR721
 Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL

Feet

Page 96 of 176



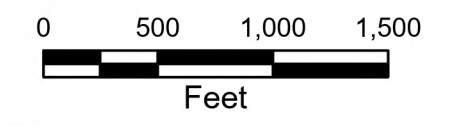
SR 70 Realignment - Page 7 of 7

--- ROW - Existing Proposed Pond Site
--- ROW - Proposed* Potential Contamination Parcel
 *When the proposed ROW is spatially coincident with the existing ROW, only the existing ROW is displayed.

Potential Contamination Site 500 ft Buffer
▲ Medium Risk
▲ Low Risk

Potential Contamination Sites With Preferred Pond Sites

SR 70 from Lonesome Island Rd to the Southern Leg of CR721
 Project Development & Environment Study
 FPID No: 449851-1-22-01
 Highlands County, FL



Public Involvement Appendix

Contents:

Public Hearing Certification In-Person Session Feb 17-2026

Public Hearing Transcript In-Person Session Feb 17-2026

Public Hearing Certification Virtual Session Feb 19-2026

Public Hearing Transcript Virtual Session Feb 19-2026

PUBLIC HEARING CERTIFICATION

SR 70 FROM LONESOME ISLAND RD TO SOUTHERN LEG OF CR 721

Project Development and Environment (PD&E) Study

Highlands County, Florida

Financial Management No.: 449851-1-22-01

I certify that a public hearing was conducted on 02/17/2026, beginning at 05:30 PM for the above project. A transcript was made and the document attached is a full, true, and complete transcript of what was said at the hearing.

Kathern Cothorn

(Name)

February 26, 2026

Date

SWEPT Project Manager

(Title of FDOT Representative)



Electronically signed within SWEPT
on February 26, 2026 9:14:45 AM EST
(electronic signature on file)

Link to Public Hearing Transcript

1 - [44985112201-CE2-D1-Public_Hearing_Transcript_In-Person_Session_Feb_17-2026-2026-0223.pdf](#)

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
DISTRICT ONE CORRIDOR PROGRAMS OFFICE

TRANSCRIPT OF PROCEEDINGS

DATE: February 17, 2026

TIME: 6:00 p.m. - 6:38 p.m.

PLACE: Town of Lake Placid Government Center
1069 U.S. 27 North
Lake Placid, Florida 33852

Reported By:
MARISELA LUGO, AAERT No. 3625

1 ATTENDEES:

2

3 KATHY COTHERN, Project Manager

4 BROOKE FEAGLE, FDOT Employee

5 MICHELLE GREENE, Consor Engineer

6 JEFFREY NOVOTNY, Consor Engineer

7 JAI RAMKISSOON, Consor Engineer

8 EDWIN DIAZ, Consor Engineer

9 DARLENE LAM, Consor Engineer

10 JOYCE BARKLEY, Consor Engineer

11 MARTIN HOVWITZ, Kisinger Campo & Associates

12 ASAL BASI, Kisinger Campo & Associates

13 CRAIG SINGER, Kisinger Campo & Associates

14 JESSE MOSS, ROW

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1 P R O C E E D I N G S

2 MS. COTHERN: Good evening. The Florida Department of
3 Transportation welcomes you to the public hearing for the
4 public -- Project Development and Environmental -- Environment,
5 or PD&E, study for State Road 70 from Lonesome Island --
6 Lonesome Road to southern leg of 721 in Highlands County. My
7 name is Kathy Cothorn, and I am the project manager.

8 Here with me tonight are DOT representatives and
9 members of the consultant project team to answer your questions.
10 We would like to thank any elected officials for your attendance
11 and participation in this hearing. We encourage you to sign in
12 with your name and the office you represent for the project
13 record.

14 Tonight, we will show a project video which will
15 explain the project in detail. Following the video will be a
16 10-minute intermission where you can speak directly with the
17 project team. Finally, we will open the formal comment period,
18 where you will have the opportunity to provide statements at the
19 microphone, or you may provide your comments directly to the
20 court reporter or in writing.

21 The purpose of tonight's hearing is to present the
22 proposed improvements and share all analysis conducted to date.
23 It also serves as an official forum for the public to express
24 their opinions regarding the proposed improvements. We hold a
25 public hearing so that we can hear your views and comments. It

1 is important that you express your views at this stage of the
2 project, when the flexibility still exists to incorporate those
3 views into the study documents. Final decisions are made in
4 using these documents.

5 Now I will read the following information for the
6 record: This is the public hearing for the State Road 70 from
7 Lonesome Road to southern leg of County Road 721 in Highlands,
8 Florida, Financial Project ID Number 449851-1-22-01. This
9 project is described as a PD&E study to address the need for
10 improved traffic safety conditions, continued maintenance of the
11 important east-west connection, and to accommodate increasing
12 freight activity along the project corridor.

13 This public hearing is being conducted by the Florida
14 Department of Transportation, with Tallahassee as the approving
15 authority. It is being held at Town of Lake Placid Government
16 Center, 1069 U.S. 27 North, Lake Placid, Florida 33852 on
17 Tuesday, February 17th, 2026 at 6:00 p.m.

18 The hearing is being conducted in accordance with all
19 state and federal laws, as well as the Americans with
20 Disabilities Act of 1990 and Title VI of the Civil Rights Act of
21 1964 and related statutes. It is also being conducted to meet
22 all applicable executive orders. For a listing of these
23 regulations, please see the hearing display boards here tonight
24 or the project webpage.

25 If anyone here feels they have been discriminated

1 against, they may complete one of the forms located at the
2 sign-in table and mail the completed form to the address listed
3 on the display board. This information is also available
4 online.

5 At this time, we will play the project video.

6 (Beginning of video.)

7 VIDEO SPEAKER: 721. We appre- -- the Florida
8 Department of Transportation, or FDOT, welcomes you to the
9 public hearing for the State Road 70 Project Development and
10 Environment, or PD&E study, from Lonesome Island Road to the
11 southern leg of County Road 721. We appreciate your attendance
12 and participation.

13 This public hearing is being conducted to give the
14 public the opportunity to review and provide comments on the
15 proposed preferred alternative and associated effects on the
16 social, economic, cultural, natural, and physical environment.
17 The purpose of this PD&E study is to evaluate engineering and
18 environmental data and document information that will aid FDOT
19 District One and the FDOT Office of Environmental Management in
20 determining the type, preliminary design, and location of the
21 proposed improvements.

22 The study begins at Lonesome Island Road and extends
23 approximately 7.6 miles to the southern leg of County Road 721.
24 This study evaluates widening the existing undivided two-lane
25 roadway to four lanes that are divided by a median. State Road

1 70 is part of Florida's Strategic Intermodal System highway
2 network and designated state hurricane evacuation route network.
3 State Road 70 is critical in the transportation network, as it
4 facilitates local and regional traffic and the movement of goods
5 and freight. The project will also include adding shared use
6 paths, wildlife crossings, and improved roadway signing and
7 payment markings to improve safety and operations. Stormwater
8 management facilities will also be constructed to treat and
9 retain stormwater for the roadway improvements.

10 This product is primarily needed to improve traffic
11 safety conditions, including emergency evacuation and incident
12 response signs. Secondary needs include maintaining important
13 east-west connectivity within the regional transportation
14 network and accommodating the transportation demand, including
15 freight activity within the area.

16 State Road 70 is classified as a Rural Principal
17 Arterial Other. The existing context classification is C2
18 Rural, with a posted speed of 60 miles per hour. The existing
19 right-of-way varies from a minimum of 50 feet wide to a maximum
20 of 70 feet wide.

21 Within the product area, SR70 is currently a two-lane
22 undivided roadway. The roadway has one 10-foot lane in each
23 direction, with shoulders that are approximately 8-foot wide,
24 4-foot paved, on both the south and north side throughout the
25 corridor, with no dedicated bicycle lanes or sidewalk. There

1 are two existing typical sections within the study limits. The
2 limits of existing roadway Typical Section 1 is from Lonesome
3 Island Road to Harney Pond Canal C41, and from Indian Prairie
4 Canal C-40 to County Road 721.

5 The limits of existing roadway Typical Section 2 are
6 from Harney Pond Canal C41 to Indian Prairie Canal C40. This is
7 similar to Typical Section 1, with the exception of South
8 Florida Water Management District C39A Canal being situated
9 adjacent to the south side of the existing roadway right-of-way.

10 The existing typical section for the C41 and C40 canal
11 bridges both consists of two 10-foot lanes with 12-foot
12 shoulders on both sides.

13 Throughout this PD&E study process, FDOT has looked at
14 many different concepts to widen the existing two lanes of State
15 Road 70 to four lanes through Highlands County. After
16 environmental and engineering analyses and public and agency
17 comments, many of these alternatives were eliminated. The last
18 public meeting was an Alternatives Public Workshop held on June
19 13, 2024. Some of the feedback received included: Need for
20 turn lanes, adequate widths for truck turning radii, access
21 management, and overall support for the four-lane widening to
22 address safety and traffic concerns. Based on the comments and
23 additional environmental and engineering analyses, a preferred
24 alternative was selected.

25 The preferred alternative includes the same proposed

1 roadway elements, but the alignment of the new lanes relative to
2 the existing lanes differs. Additional right-of-way for the
3 preferred alternative will be needed along the entire project
4 limits. This roadway section includes widening the roadway to
5 four lanes, with two 12-foot lanes in each direction separated
6 by a 40-foot-wide grass median. The outside shoulders are 12
7 feet wide, with 5 feet paved, and the inside shoulders are 8
8 feet wide, with 4 feet paved. A 12-foot wide shared use path
9 will be constructed along the south side of the roadway. The
10 first section from just west of Lonesome Island Road, where it
11 ties into a previous study section which proposed widening to
12 the south of County Road 29 to Lonesome Island Road to Harney
13 Pond Canal C41, shifts the widening from the south side of the
14 existing road in the project to the west to the north side of
15 the existing road.

16 That northern shift continues across the Harney Pond
17 Canal to avoid impacts to the C39A Canal on the south side. A
18 grading easement will be required from South Florida Water
19 Management District canal right-of-way to avoid gas and electric
20 transmission lines along the north side of State Road 70, but
21 will not impact the canal or the canal maintenance berm. This
22 section continues east across the Indian Prairie Canal. From
23 east of the Indian Prairie Canal towards County Road 721, the
24 alignment shifts back to the south side of the existing State
25 Road 70 to avoid impacts to an existing gas pipeline which is

1 situated north of State Road 70.

2 Continuing east and approaching County Road 721, the
3 proposed roadway shifts both the eastbound and westbound lanes
4 to the south of the existing location, avoiding business
5 impacts. Access to the businesses will remain and be connected
6 to State Road 70 through the access from County Road 721.

7 The typical section for the Harney Pond Canal and
8 Indian Prairie Canal bridges will be replaced with new
9 structures to accommodate four-lane divided roadway sections.
10 The shared use path will be shifted to run adjacent to the
11 roadway lanes, separated from the roadway shoulder by a barrier
12 wall. The Harney Pond Canal bridge will be a single bridge, as
13 it will carry a left turn lane across it, while the crossing of
14 the Indian Prairie Canal will include two parallel structures.
15 The span arrangement analysis will be evaluated further in the
16 design phase, but it is anticipated that both bridges will be
17 extended in length to provide a wildlife shelf between the
18 existing canals and the bridge ends to facilitate wildlife
19 crossings at these locations. Neither bridge crossing will
20 impact the existing canals.

21 In accordance with Rule 14-97 of the Florida
22 Administrative Code, the proposed improvements will include a
23 median to control the movements or access of turning traffic.
24 These changes are presented in compliance with Section 335.199
25 Florida Statutes, transportation projects modifying access to

1 adjacent property. The spacing and type of median openings
2 along the preferred alternative are proposed to meet these
3 requirements, and are shown on the content plans on display
4 tonight and available on the project website.

5 Throughout this study, a no-build alternative is also
6 considered. The no-billed alternative assumes that no
7 improvements are made to State Road 70 through the year 2052,
8 except for routine maintenance. There are advantages and
9 disadvantages to the no-build alternative.

10 Advantages of the no-bill alternative include: No
11 associated design, construction, or right-of-way acquisition
12 costs, no impacts to the traveling public due to construction,
13 and no impact to the natural and human environments.

14 Disadvantages include: Inconsistency with the purpose
15 and need for the project or with local transportation plans,
16 increased potential for crashes due to congestion and
17 intersections, increased evacuation and emergency vehicle
18 response times, and lack of improved multimodal accommodations
19 for bicycles and pedestrians.

20 The no-build alternative remains a valid option and
21 will continue to be evaluated until the completion of this
22 study.

23 FDOT evaluated environmental and socioeconomic factors
24 relating to proposed widening improvements in accordance with
25 the National Environmental Policy Act of 1969, as amended, and

1 other federal requirements. The evaluation considered the
2 effects of widening State Road 70 on social, economic, land use,
3 and farmlands, archaeological, historical, and recreational
4 resources, natural resources, including protected species and
5 habitat, wetlands and floodplains and water quality, physical
6 resources, including noise, air quality, contamination,
7 utilities, and construction.

8 Protected species and habitats are afforded special
9 protection under the Engaged Species Act of 1973, as amended,
10 and Florida states. FDOT assessed species within the project
11 limits and, through consultation completed with US Fish and
12 Wildlife Service, has determined that the proposed project may
13 affect, likely to adversely affect, federally listed threatened
14 or endangered species, including the Audubon's crested caracara,
15 eastern indigo snake, and the Florida panther. In addition, the
16 project may affect, but is not likely to adversely affect, the
17 Florida bonneted bat, eastern black rail, wood stork, and
18 Everglades snail kite.

19 For the state-listed species, a
20 no-adverse-effect-anticipated for the gopher tortoise, the
21 Florida pine snake, sandhill crane, burrowing owl, the little
22 blue heron, tricolored heron, Southeastern American kestrel, and
23 the roseate spoonbill. Commitments have been made to minimize
24 impacts and compensate for any impacts to federal or
25 state-listed species.

1 The preferred alternative and preferred pond sites
2 will result in 13.51 acres of wetland impacts and 72.20 acres of
3 permanent impacts to other surface waters, ditches, and canals.
4 Wetlands to be impacted by the proposed improvements include
5 freshwater marshes and wet prairies. Mitigation of wetland
6 impacts will take place in accordance with Florida Statute
7 Section 373, and in coordination with applicable approved
8 mitigation banks.

9 The project has been evaluated for potential
10 floodplain involvement in accordance with Executive Order 11988
11 Floodplain Management. The project is mostly located within the
12 Federal Emergency Management Agency, FEMA, Zone A, which are
13 areas of the 100-year floodplain. There are no FEMA floodways
14 within the project study area. The proposed stormwater
15 management facilities and floodplain compensation sites will be
16 designed in accordance with the current requirements of the
17 South Florida Water Management District.

18 Results of the contamination screening show that there
19 are 39 potential contamination sites with potential for
20 hazardous material or petroleum impacts. Of these 39 sites,
21 none were ranked no-risk, seven were ranked low-risk, 32 were
22 ranked medium-risk, and none were ranked high-risk. For the
23 sites ranked low for contamination, no further action is
24 required at this time. For the sites with a risk ranking of
25 medium, the FDOT Project Manager and the District Contamination

1 Impact Coordinator will coordinate on further actions during the
2 design phase that must be taken to address contamination issues.
3 Before construction, specially train crews will address
4 contamination in these areas as required. Locations of these
5 sites are shown in the concept plans on display tonight.

6 The project is located in an area which is designated
7 attainment for all of the National Ambient Air Quality Standards
8 under the criteria provided in the Clean Air Act. Therefore,
9 the Clean Air Act conformity requirements do not apply to this
10 product, and no significant impact is expected on air quality.
11 This project is expected to improve traffic flow by adding
12 capacity to relieve congestion, which should reduce operational
13 greenhouse gas emissions. Minimal short-term air quality
14 effects may be caused from construction of the proposed
15 improvements, such as dust from earthwork or unpaved roads and
16 smoke from open burning. The FDOT will adhere to all state and
17 local regulations and to the Standard Specifications for Road
18 and Bridge Construction.

19 Exterior traffic noise levels are not predicted to
20 impact any noise sensitive site within the point limits, as the
21 proposed realignment of State Road 70 at County Road 721 will
22 shift the roadway away from the lone site at the Brighton First
23 Baptist Church. There will be no noise impacts with the
24 preferred alternative.

25 There are no properties in the product area that are

1 protected by either Section 4(f) or 6(f).

2 The preferred alternative is consistent with the
3 Highlands County Comprehensive Plan and Future Land Use Map.
4 The project area will continue to support aquacultural, along
5 with conservation land uses and rural estates. The project will
6 maintain existing access to surrounding agricultural uses and
7 will result in only moderate conversion of frontage areas to the
8 expanded roadway.

9 When a transportation project proposes the acquisition
10 of private property, questions or concerns may arise. The
11 preferred alternative will require approximately 183 acres of
12 additional right-of-way to accommodate the roadway improvements,
13 and an additional 149 acres of right-of-way for off-site
14 stormwater management ponds and floodplain compensation sites.
15 There will be no residential or business relocations required.
16 The FDOT has developed informational brochures to provide a
17 better understanding of the right-of-way acquisition and
18 relocation process. These brochures, along with other
19 educational materials, are available online at
20 www.fdot.gov/rightofway/documents.shtm.

21 As part of the studying process, the preferred and
22 no-build alternatives were evaluated for potential benefits,
23 right-of-way impacts, environmental effects, and estimated
24 costs. The preferred alternative will provide community and
25 traffic safety benefits, require the acquisition of right-of-way

1 for the roadway widening and off-site stormwater sites, and
2 mitigation for wetland and species impacts will occur. The
3 total cost for the preferred alternative is approximately \$142.2
4 million, which includes costs for design, right-of-way
5 acquisition, utility relocations, wetland and species
6 mitigation, construction, and construction engineering and
7 inspection.

8 At this time, FDOT's Adopted Five-Year Work Program
9 does not include funding for subsequent project phases,
10 consisting of design, right-of-way, and construction. The FDOT
11 is seeking opportunities for funding for future phases. The
12 department anticipates completion of this PD&E study by the end
13 of the second quarter of 2026. The study schedule is on display
14 this evening.

15 We encourage you to review project information tonight
16 and provide us your feedback. There are multiple ways to
17 provide comments: During the live in-person event by completing
18 a speaker card and handing it to anyone with a nametag during
19 the upcoming intermission, providing your comments to the court
20 reporter, by mail to the address shown on the screen, or by
21 email or through the project website. All comments carry equal
22 weight and should be submitted or postmarked by March 2nd, 2026
23 to become a part of the formal hearing record.

24 Product documents will be available for public viewing
25 until March 2nd, 2026 online at

1 www.swflroads.com/project/449851-1. The technical documents are
2 also available for review in-person at the following locations:

3 1. The Lake Placid Memorial Library, located at 205 West
4 Interlake Boulevard, Lake Placid, Florida 33852, Tuesday from
5 10:30 a.m. to 6:30 p.m., Wednesday through Saturday from 9:30
6 a.m. to 5:30 p.m., and 2. The FDOT Heartland Operations Center,
7 located at 4722 Kenilworth Boulevard, Sebring, Florida 33870,
8 Monday through Friday, 8:00 a.m. to 5:00 p.m.

9 This PD&E study is being conducted and completed
10 according to the requirements of the National Environmental
11 Policy Act and other related federal and state laws, rules, and
12 regulations, which will qualify future phases of this project
13 for federal funding, and this hearing was advertised consistent
14 with those requirements. Please see the statute display board
15 for all other applicable requirements.

16 This hearing and this study is conducted in accordance
17 with the Americans with Disabilities Act of 1990 and with Title
18 VI of the Civil Rights Act of 1964, and other federal and state
19 statutes. Anyone who feels he or she has been discriminated
20 against with regard to race, color, national origin, age, sex,
21 religion, disability, or family status may complete one of the
22 forms located at the sign-in table, and mail the completed form
23 to the address listed on the poster board.

24 And finally, an FDOT safety moment. Drinking and
25 driving don't mix. Drive sober, or game over. You only have

1 one life. FDOT thanks you for making safety a continued
2 priority.

3 (End of video.)

4 MS. COTHERN: In a moment, we will have a 10-minute
5 intermission. If you would like to make a verbal comment after
6 the intermission, fill out a speaker card and give it to anyone
7 with a nametag. If you do not wish to speak at the microphone,
8 you may provide your comments in writing at the comment table in
9 the back or directly to the court reporter here. Anyone wishing
10 to submit written statements or other exhibits in place of or in
11 addition to verbal statements may do so. You have until March
12 2nd, 2026 to postmark or submit comments to become part of the
13 official hearing transcript. Please see your handout, the
14 display boards, or the project webpage for contact and mailing
15 information.

16 We will now break for intermission. This is your
17 opportunity to ask questions and discuss the project with the
18 project team. We will not be responding to questions during the
19 formal testimony. If you have additional questions following
20 the hearing tonight, you may reach out to me by email or phone.
21 My contact information is on the handout and on the project
22 webpage.

23 The time is now 6:24. We will resume at 6:34.

24 (Off the record at 6:24 p.m.)

25 (On the record at 6:34 p.m.)

1 MS. COTHERN: Ladies and gentlemen, we will now begin
2 the public testimony portion of the hearing. We welcome your
3 spoken or written comments that will help us make this important
4 decision, and all comments are weighted equally. As a reminder,
5 if you have additional questions following tonight's hearing,
6 feel free to reach out to me. We will now -- we will not be
7 responding to questions or comments at this time. Our focus
8 tonight is recording your verbal comments. However, we will
9 post a summary of the comments received on the project webpage
10 approximately 30 days following the close of the comment period.

11 Please limit your comments to three minutes. A
12 project staff member will signal when you have a minute left,
13 and they will signal again when your time is up. We will now
14 call on those who have registered to speak in person.

15 MS. GREENE: (Inaudible) -- no speakers.

16 MS. COTHERN: Once again, written statements and
17 exhibits in place of or in addition to verbal statements will be
18 accepted and recorded as part of the hearing if received or
19 postmarked by March 2nd, 2026.

20 After the comment period closes, the project team will
21 compile -- compile all comments and, together with the
22 engineering and environmental work that has been done, make a
23 final recommendation that will be submitted to the FDOT Office
24 of Environmental Management or approval. If approved, we will
25 publish the results of the study in the Highlands News Sun and

1 post the approval on the project webpage.

2 All hearing materials, such as the project video and
3 information graphics, have been available to the public online
4 since February 10th, 2026. Additionally, project engineering
5 and environmental documents have been available for review since
6 January 27th, 2026 at the FDOT District One Heartlands
7 Operations Center, 4722 Kenilworth Boulevard, Sebring, Florida
8 33870, and at the Lake Placid Memorial Library, located at 205
9 West Interlake Boulevard, Lake Placid, Florida 33852, as well as
10 on the project web page.

11 The verbatim transcript of this hearing's proceedings,
12 together with all written statements or exhibits received and
13 all studies, displays, and informational materials presented
14 with this hearing will be made part of the project
15 decision-making process and will be available for public review
16 upon request at the FDOT District One Headquarters in Bartow.

17 Thank you for attending this public hearing and
18 providing your input into this project. It is now 6:38. I
19 hereby officially close the public hearing for State Road 70
20 from Lonesome Road to the southern leg of County Road 721 in
21 Highlands County, Florida. Thank you again, and have a great
22 evening.

23 (Proceedings concluded at 6:38 p.m.)

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CERTIFICATE OF TRANSCRIPTIONIST

I, AUSTIN GOODRICH, do hereby certify that I transcribed the electronic recording produced by MARISELA LUGO, AAERT No. 3625, of the foregoing proceedings; and that the foregoing transcript is a true transcript of said electronic recording.

I FURTHER CERTIFY that I am not a relative, employee, attorney, or counsel of any of the parties, nor am I a relative or employee of any of the parties' attorneys or counsel connected with the action, nor am I financially interested in the action.

DATED this 19th day of February, 2026.


AUSTIN GOODRICH

<hr/>	1964	16:7	4:17
\$	4:21 16:18	373	6:24
<hr/>	1969	12:7	17:23,24
\$142.2	10:25	39	6:30
15:3	1973	12:19,20	16:5
<hr/>	11:9	<hr/>	6:34
1	1990	4	17:23,25
<hr/>	4:20 16:17	<hr/>	<hr/>
1	<hr/>	4	7
7:2,7 16:3	2	8:8	<hr/>
10-foot	7:5 16:6	4 (f)	7.6
6:22 7:11	2024	14:1	5:23
10-minute	7:19	4-foot	70
3:16 17:4	2026	6:24	3:5 4:6 5:9
100-year	4:17 15:13, 22,25 17:12	40-foot-wide	6:1,3,16,20
12:13	205	8:6	7:15 8:20,25
1069	16:3	449851-1-22-01	9:1,6 10:7
4:16	2052	4:8	11:2 13:21
10:30	10:7	4722	72.20
16:5	27	16:7	12:2
11988	4:16	<hr/>	721
12:10	29	5	3:6 4:7 5:7, 11,23 7:4
12	8:12	8:7	8:23 9:2,6
8:6	2nd	<hr/>	13:21
12-foot	15:22,25	50	<hr/>
7:11 8:5,8	17:12	6:19	8
13	<hr/>	5:00	8:7
7:19	3	16:8	8-foot
13.51	<hr/>	5:30	6:23
12:2	32	16:6	8:00
14-97	12:21	<hr/>	16:8
9:21	335.199	6	<hr/>
149	9:24	6 (f)	9
14:13	33852	14:1	<hr/>
17th	4:16 16:4	60	9:30
4:17	33870	6:18	16:5
183		6:00	
14:11			

A	additional 7:23 8:2 14:12,13 17:19	9,10,13	approved 12:7
a.m. 16:5,6,8	address 4:9 5:2 7:22 13:2,3 15:20 16:23	alignment 8:1,24	approving 4:14
access 7:20 9:5,6, 23,25 14:6	adequate 7:20	alternative 5:15 7:24,25 8:3 10:2,5, 6,9,10,20 12:1 13:24 14:2,11,24 15:3	approximately 5:23 6:23 14:11 15:3
accommodate 4:11 9:9 14:12	adhere 13:16	alternatives 7:17,18 14:22	aquacultural 14:4
accommodating 6:14	adjacent 7:9 9:10 10:1	Ambient 13:7	archaeological 11:3
accommodations 10:18	Administrative 9:22	amended 10:25 11:9	area 6:15,21 12:14 13:6, 25 14:4
accordance 4:18 9:21 10:24 12:6, 10,16 16:16	Adopted 15:8	American 11:22	areas 12:13 13:4 14:7
acquisition 10:11 14:9, 17,25 15:5	advantages 10:8,10	Americans 4:19 16:17	arise 14:10
acres 12:2 14:11, 13	adversely 11:13,16	analyses 7:16,23	arrangement 9:15
Act 4:20 10:25 11:9 13:8,9 16:11,17,18	advertised 16:13	analysis 3:22 9:15	Arterial 6:17
action 12:23	affect 11:13,16	anticipated 9:16	assessed 11:10
actions 13:1	afforded 11:8	anticipates 15:12	assumes 10:6
activity 4:12 6:15	age 16:20	applicable 4:22 12:7 16:15	attainment 13:7
adding 6:5 13:11	agency 7:16 12:12	apply 13:9	attendance 3:10 5:11
addition 11:15 17:11	agricultural 14:6	appre- 5:7	Audubon's 11:14
	aid 5:18	approaching 9:2	authority 4:15
	air 11:6 13:7,8,		avoid 8:17,19,25

avoiding 9:4	11:17	21,22,23 9:7,8,12,14	11:23
<hr/>	Boulevard 16:4,7	canals 9:18,20 12:3	community 14:24
B	break 17:16	capacity 13:12	compensate 11:24
back 8:24 17:9	bridge 9:12,18,19	caracara 11:14	compensation 12:15 14:14
banks 12:8	bridges 7:11 9:8,16	card 15:18 17:6	complete 5:1 16:21
Baptist 13:23	Brighton 13:22	carry 9:13 15:21	completed 5:2 11:11 16:9,22
barrier 9:11	brochures 14:16,18	caused 13:14	completing 15:17
Based 7:22	burning 13:16	Center 4:16 16:6	completion 10:21 15:12
bat 11:17	burrowing 11:21	Church 13:23	compliance 9:24
beginning 5:6	business 9:4 14:15	Civil 4:20 16:18	Comprehensive 14:3
begins 5:22	businesses 9:5	classification 6:17	concept 13:5
benefits 14:22,25	<hr/>	classified 6:16	concepts 7:14
berm 8:21	C	Clean 13:8,9	concerns 7:22 14:10
bicycle 6:25	C-40 7:4	Code 9:22	conditions 4:10 6:11
bicycles 10:19	C2 6:17	color 16:20	conducted 3:22 4:13, 18,21 5:13 16:9,16
black 11:17	C39a 7:8 8:17	comment 3:17 17:5,8	conformity 13:9
blue 11:22	C40 7:6,10	comments 3:19,25 5:14 7:17,22 15:17,19,21 17:8,12	congestion 10:16 13:12
board 5:3 16:14,23	C41 7:3,6,10 8:13	Commitments	connected 9:5
boards 4:23 17:14	canal 7:3,4,6,8,10 8:13,17,19,		
bonneted			

connection 4:11	continues 8:16,22	crews 13:3	detail 3:15
connectivity 6:13	Continuing 9:2	criteria 13:8	determined 11:12
conservation 14:5	control 9:23	critical 6:3	determining 5:20
considered 10:6 11:1	conversion 14:7	crossing 9:13,19	developed 14:16
consistent 14:2 16:13	coordinate 13:1	crossings 6:6 9:19	Development 3:4 5:9
consisting 15:10	coordination 12:7	cultural 5:16	differs 8:2
consists 7:11	Coordinator 13:1	current 12:16	direction 6:23 8:5
constructed 6:8 8:9	corridor 4:12 6:25	<hr/> D <hr/>	directly 3:16,19 17:9
construction 10:11,12 11:7 13:3, 14,18 15:6, 10	cost 15:3	data 5:18	Disabilities 4:20 16:17
consultant 3:9	costs 10:12 14:24 15:4	date 3:22	disability 16:21
consultation 11:11	Cothorn 3:2,7 17:4	decisions 4:3	disadvantages 10:9,14
contact 17:14,21	County 3:6 4:7 5:11,23 7:4, 15 8:12,23 9:2,6 13:21 14:3	dedicated 6:25	discriminated 4:25 16:19
contamination 11:6 12:18, 19,23,25 13:2,4	court 3:20 15:19 17:9	demand 6:14	discuss 17:17
content 10:3	crane 11:21	department 3:2 4:14 5:8 15:12	display 4:23 5:3 10:3 13:5 15:13 16:14 17:14
context 6:17	crashes 10:16	design 5:20 9:16 10:11 13:2 15:4,10	District 5:19 7:8 8:19 12:17, 25
continue 10:21 14:4	crested 11:14	designated 6:2 13:6	ditches 12:3
continued 4:10 17:1		designed 12:16	divided 5:25 9:9

document 5:18	elected 3:10	equal 15:21	expanded 14:8
documents 4:3,4 15:24 16:1	electric 8:19	estates 14:5	expected 13:10,11
DOT 3:8	elements 8:1	estimated 14:23	explain 3:15
Drinking 16:24	eliminated 7:17	evacuation 6:2,11 10:17	express 3:23 4:1
Drive 16:25	email 15:21 17:20	evaluate 5:17	extended 9:17
driving 16:25	emergency 6:11 10:17 12:12	evaluated 9:15 10:21, 23 12:9 14:22	extends 5:22
due 10:12,16	emissions 13:13	evaluates 5:24	Exterior 13:19
dust 13:15	encourage 3:11 15:15	evaluation 11:1	<hr/> F <hr/>
<hr/> E <hr/>	end 15:12 17:3	evening 3:2 15:14	facilitate 9:18
earthwork 13:15	endangered 11:14	event 15:17	facilitates 6:4
easement 8:18	ends 9:18	Everglades 11:18	facilities 6:8 12:15
east 8:22,23 9:2	Engaged 11:9	exception 7:7	factors 10:23
east-west 4:11 6:13	engineering 5:17 7:16,23 15:6	executive 4:22 12:10	family 16:21
eastbound 9:3	entire 8:3	exhibits 17:10	farmlands 11:3
eastern 11:15,17	environment 3:4 5:10,16	existing 5:24 6:17,18 7:1,2,5,9, 10,14 8:2, 14,15,24,25 9:4,18,20 14:6	FDOT 5:8,18,19 7:13 10:23 11:10 12:25 13:16 14:16 15:10 16:6, 24 17:1
economic 5:16 11:2	environmental 3:4 5:18,19 7:16,23 10:23,25 14:23 16:10	exists 4:2	FDOT's 15:8
educational 14:19	environments 10:13		February
effects 5:15 11:2 13:14 14:23			

4:17	3:2 4:8,13, 16 5:7 7:8 8:18 9:21,25 11:10,15,17, 21 12:6,17 16:4,7	gas 8:19,25 13:13	4:6,13,18,23 5:9,13 15:23 16:13,16 17:13,20
federal 4:19 11:1,24 12:12 16:11, 13,18	Florida's 6:1	give 5:13 17:6	Heartland 16:6
federally 11:13	flow 13:11	Good 3:2	held 4:15 7:18
feedback 7:19 15:16	form 5:2 16:22	goods 6:4	heron 11:22
feels 4:25 16:19	formal 3:17 15:23 17:19	gopher 11:20	high-risk 12:22
feet 6:19,20 8:7, 8	forms 5:1 16:22	Government 4:15	Highlands 3:6 4:7 7:15 14:3
FEMA 12:12,13	forum 3:23	grading 8:18	highway 6:1
fill 17:6	four-lane 7:21 9:9	grass 8:6	historical 11:3
Final 4:3	freight 4:12 6:5,15	greenhouse 13:13	hold 3:24
finally 3:17 16:24	freshwater 12:5	<hr/> H <hr/>	hour 6:18
Financial 4:8	Friday 16:8	habitat 11:5	human 10:13
Fish 11:11	frontage 14:7	habitats 11:8	hurricane 6:2
Five-year 15:8	funding 15:9,11 16:13	handing 15:18	<hr/> I <hr/>
flexibility 4:2	future 14:3 15:11 16:12	handout 17:13,21	ID 4:8
floodplain 12:10,11,13, 15 14:14	game 16:25	Harney 7:3,6 8:12, 16 9:7,12	impact 8:21 9:20 10:13 13:1, 10,20
floodplains 11:5	<hr/> G <hr/>	hazardous 12:20	impacted 12:4
floodways 12:13		hear 3:25	impacts
Florida		hearing 3:3,11,21,25	

8:17,25 9:5	increasing		Library
10:12 11:24	4:11	<hr/> K <hr/>	16:3
12:2,3,6,20	Indian	Kathy	life
13:23 14:23	7:3,6 8:22,	3:7	17:1
15:2	23 9:8,14	Kenilworth	limits
important	indigo	16:7	7:1,2,5 8:4
4:1,11 6:12	11:15	kestrel	11:11 13:20
improve	information	11:22	lines
6:7,10 13:11	4:5 5:3,18	kite	8:20
improved	15:15 17:15,	11:18	listed
4:10 6:6	21	<hr/> L <hr/>	5:2 11:13
10:18	informational		16:23
improvements	14:16	lack	listing
3:22,24 5:21	inside	10:18	4:22
6:9 9:22	8:7	Lake	live
10:7,24 12:4	inspection	4:15,16	15:17
13:15 14:12	15:7	16:3,4	loans
in-person	Interlake	land	9:11
15:17 16:2	16:4	11:2 14:3,5	local
incident	intermission	lane	6:4 10:15
6:11	3:16 15:19	6:22 9:13	13:17
include	17:5,6,16	lanes	located
6:5,12 9:14,	Intermodal	5:25 6:25	5:1 12:11
22 10:10,14	6:1	7:11,14,15,	13:6 16:3,7,
12:4 15:9	intersections	20 8:1,2,5	22
included	10:17	9:3	location
7:19	involvement	laws	5:20 9:4
includes	12:10	4:19 16:11	locations
7:25 8:4	Island	left	9:19 13:4
15:4	3:5 5:10,22	9:13	16:2
including	7:3 8:10,12	leg	lone
6:11,14	issues	3:6 4:7	13:22
11:4,6,14	13:2	5:11,23	Lonesome
Inconsistency	<hr/> J <hr/>	length	3:5,6 4:7
10:14		9:17	5:10,22 7:2
incorporate	June	levels	8:10,12
4:2	7:18	13:19	looked
increased			7:13
10:16,17			low

12:23	marshes	mix	no-billed
low-risk	12:5	16:25	10:6
12:21	material	moderate	no-build
	12:20	14:7	10:5,9,20
<hr/>	materials	modifying	14:22
M	14:19	9:25	no-risk
<hr/>	maximum	moment	12:21
made	6:19	16:24 17:4	noise
4:3 10:7	median	Monday	11:6 13:19,
11:23	5:25 8:6	16:8	20,23
mail	9:23 10:1	movement	north
5:2 15:20	medium	6:4	4:16 6:24
16:22	12:25	movements	8:14,20 9:1
mailing	medium-risk	9:23	northern
17:14	12:22	multimodal	8:16
maintain	meet	10:18	Number
14:6	4:21 10:2	multiple	4:8
maintaining	meeting	15:16	<hr/>
6:12	7:18	<hr/>	O
maintenance	members	N	<hr/>
4:10 8:21	3:9	nametag	occur
10:8	Memorial	15:18 17:7	15:2
make	16:3	national	off-site
17:5	microphone	10:25 13:7	14:13 15:1
making	3:19 17:7	16:10,20	office
17:1	miles	natural	3:12 5:19
management	5:23 6:18	5:16 10:13	official
5:19 6:8	million	11:4	3:23 17:13
7:8,21 8:19	15:4	needed	officials
12:11,12,15,	Minimal	6:10 8:3	3:10
17 14:14	13:13	network	online
manager	minimize	6:2,3,14	5:4 14:19
3:7 12:25	11:23	no-adverse-	15:25
Map	minimum	effect-	open
14:3	6:19	anticipated	3:17 13:16
March	mitigation	11:20	openings
15:22,25	12:5,8 15:2,	no-bill	10:1
17:11	6	10:10	operational
markings			13:12
6:7			

operations 6:7 16:6	paved 6:24 8:7,8	play 5:5	3:21
opinions 3:24	payment 6:7	point 13:20	presented 9:24
opportunities 15:11	PD&E 3:5 4:9 5:10,17 7:13 15:12 16:9	Policy 10:25 16:11	previous 8:11
opportunity 3:18 5:14 17:17	pedestrians 10:19	pond 7:3,6 8:13, 16 9:7,12 12:1	primarily 6:10
option 10:20	period 3:17	ponds 14:14	Principal 6:16
Order 12:10	permanent 12:3	posted 6:18	priority 17:2
orders 4:22	petroleum 12:20	poster 16:23	private 14:10
origin 16:20	phase 9:16 13:2	postmark 17:12	process 7:13 14:18, 21
owl 11:21	phases 15:9,11 16:12	postmarked 15:22	product 6:10,21 13:10,25 15:24
<hr/> P <hr/>	phone 17:20	potential 10:16 12:9, 19 14:22	Program 15:8
p.m. 4:17 16:5,6, 8 17:24,25	physical 5:16 11:5	Prairie 7:3,6 8:22, 23 9:8,14	project 3:4,7,9,12, 14,15,17 4:2,8,9,12, 24 5:5,9 6:5 8:3,14 10:4, 15 11:10,12, 16 12:9,11, 14,25 13:6, 11 14:4,5,9 15:9,15,21 16:12 17:14, 17,18,21
panther 11:15	pine 11:21	prairies 12:5	projects 9:25
parallel 9:14	pipeline 8:25	predicted 13:19	properties 13:25
part 6:1 14:21 15:23 17:12	place 12:6 17:10	preferred 5:15 7:23,25 8:3 10:2 12:1 13:24 14:2,11,21, 24 15:3	
participation 3:11 5:12	Placid 4:15,16 16:3,4	preliminary 5:20	
path 8:8 9:10	Plan 14:3	present	
paths 6:6	plans 10:3,15 13:5		

property 10:1 14:10	quarter 15:13	regulations 4:23 13:17 16:12	16:10,14,15
proposed 3:22,24 5:15,21 7:25 8:11 9:3,22 10:2,24 11:12 12:4, 14 13:14,21	questions 3:9 14:10 17:17,18,19	related 4:21 16:11	residential 14:15
proposes 14:9	<hr/> R <hr/>	relating 10:24	resources 11:4,6
protected 11:4,8 14:1	race 16:20	relative 8:1	responding 17:18
protection 11:9	radii 7:20	relieve 13:12	response 6:12 10:18
provide 3:18,19 5:14 9:17 14:16, 24 15:16,17 17:8	rail 11:17	religion 16:21	result 12:2 14:7
provided 13:8	ranked 12:21,22,23	relocation 14:18	Results 12:18
providing 15:19	ranking 12:24	relocations 14:15 15:5	resume 17:23
public 3:3,4,23,25 4:6,13 5:9, 13,14 7:16, 18 10:12 15:24	reach 17:20	remain 9:5	retain 6:9
purpose 3:21 5:17 10:14	read 4:5	remains 10:20	review 5:14 15:15 16:2
<hr/> Q <hr/>	realignment 13:21	replaced 9:8	right-of-way 6:19 7:9 8:2,19 10:11 14:12,13,17, 23,25 15:4, 10
qualify 16:12	received 7:19	reporter 3:20 15:20 17:9	Rights 4:20 16:18
quality 11:5,6 13:7, 10,13	record 3:13 4:6 15:23 17:24, 25	represent 3:12	risk 12:24
	recreational 11:3	representative s 3:8	road 3:5,6 4:6,7 5:9,10,11, 22,23,25 6:3,16 7:3, 4,15 8:10, 12,14,15,20, 23,25 9:1,2, 6 10:7 11:2 13:17,21
	reduce 13:12	require 14:11,25	
	regard 16:20	required 8:18 12:24 13:4 14:15	
	regional 6:4,13	requirements 10:3 11:1 12:16 13:9	

roads 13:15	Sebring 16:7	13:13	15:1
roadway 5:25 6:6,9, 22 7:2,5,9 8:1,4,9 9:3, 9,11 13:22 14:8,12 15:1	Secondary 6:12	shoulder 9:11	situated 7:8 9:1
roseate 11:23	section 7:2,5,7,10 8:4,10,11,22 9:7,24 12:7 14:1	shoulders 6:23 7:12 8:6,7	smoke 13:16
route 6:2	sections 7:1 9:9	show 3:14 12:18	snail 11:18
routine 10:8	seeking 15:11	shown 10:3 13:5 15:20	snake 11:15,21
Rule 9:21	selected 7:24	side 6:24 7:9 8:9,13,14, 17,20,24	sober 16:25
rules 16:11	sensitive 13:20	sides 7:12	social 5:16 11:2
run 9:10	separated 8:5 9:11	sidewalk 6:25	socioeconomic 10:23
rural 6:16,18 14:5	serves 3:23	sign 3:11	south 6:24 7:7,9 8:9,12,13, 17,18,24 9:4 12:17
<hr/> S <hr/>	Service 11:12	sign-in 5:2 16:22	Southeastern 11:22
safety 4:10 6:7,11 7:22 14:25 16:24 17:1	sex 16:20	significant 13:10	southern 3:6 4:7 5:11,23
sandhill 11:21	share 3:22	signing 6:6	spacing 10:1
Saturday 16:5	shared 6:5 8:8 9:10	signs 6:12	span 9:15
schedule 15:13	shelf 9:17	similar 7:7	speak 3:16 17:7
screen 15:20	shift 8:16 13:22	single 9:12	speaker 5:7 15:18 17:6
screening 12:18	shifted 9:10	site 13:20,22	special 11:8
	shifts 8:13,24 9:3	sites 12:1,15,19, 20,23,24 13:5 14:14	specially 13:3
	short-term		

<p>species 11:4, 8, 9, 10, 14, 19, 25 15:2, 5</p> <p>Specifications 13:17</p> <p>speed 6:18</p> <p>spoonbill 11:23</p> <p>SR70 6:21</p> <p>stage 4:1</p> <p>Standard 13:17</p> <p>Standards 13:7</p> <p>state 3:5 4:6, 19 5:9, 25 6:2, 3, 16 7:14 8:20, 24 9:1, 6 10:7 11:2 13:16, 21 16:11, 18</p> <p>state-listed 11:19, 25</p> <p>statements 3:18 17:10, 11</p> <p>states 11:10</p> <p>status 16:21</p> <p>statute 12:6 16:14</p> <p>statutes 4:21 9:25 16:19</p>	<p>stork 11:17</p> <p>stormwater 6:7, 9 12:14 14:14 15:1</p> <p>Strategic 6:1</p> <p>structures 9:9, 14</p> <p>study 3:5 4:3, 9 5:10, 17, 22, 24 7:1, 13 8:11 10:5, 22 12:14 15:12, 13 16:9, 16</p> <p>studying 14:21</p> <p>submit 17:10, 12</p> <p>submitted 15:22</p> <p>subsequent 15:9</p> <p>support 7:21 14:4</p> <p>surface 12:3</p> <p>surrounding 14:6</p> <p>System 6:1</p> <hr/> <p style="text-align: center;">T</p> <hr/> <p>table 5:2 16:22 17:8</p> <p>Tallahassee 4:14</p>	<p>team 3:9, 17 17:18</p> <p>technical 16:1</p> <p>testimony 17:19</p> <p>threatened 11:13</p> <p>ties 8:11</p> <p>time 5:5 12:24 15:8 17:23</p> <p>times 10:18</p> <p>Title 4:20 16:17</p> <p>tonight 3:8, 14 4:23 10:4 13:5 15:15 17:20</p> <p>tonight's 3:21</p> <p>tortoise 11:20</p> <p>total 15:3</p> <p>Town 4:15</p> <p>traffic 4:10 6:4, 10 7:22 9:23 13:11, 19 14:25</p> <p>train 13:3</p> <p>transcript 17:13</p>	<p>transmission 8:20</p> <p>transportation 3:3 4:14 5:8 6:3, 13, 14 9:25 10:15 14:9</p> <p>traveling 10:12</p> <p>treat 6:8</p> <p>tricolored 11:22</p> <p>truck 7:20</p> <p>Tuesday 4:17 16:4</p> <p>turn 7:20 9:13</p> <p>turning 7:20 9:23</p> <p>two-lane 5:24 6:21</p> <p>type 5:20 10:1</p> <p>typical 7:1, 2, 5, 7, 10 9:7</p> <hr/> <p style="text-align: center;">U</p> <hr/> <p>U.S. 4:16</p> <p>understanding 14:17</p> <p>undivided 5:24 6:22</p> <p>unpaved 13:15</p>
--	---	--	---

upcoming 15:19	4:24 17:14, 22	wood 11:17
utilities 11:7	website 10:4 15:21	Work 15:8
utility 15:5	Wednesday 16:5	Workshop 7:18
<hr/>	weight 15:22	writing 3:20 17:8
V <hr/>	welcomes 3:3 5:8	written 17:10
valid 10:20	west 8:10,14 16:3	www.fdot.gov/ rightofway/ documents. shtm. 14:20
varies 6:19	westbound 9:3	www.swflroads. com/project/ 449851-1. 16:1
vehicle 10:17	wet 12:5	<hr/>
verbal 17:5,11	wetland 12:2,5 15:2, 5	Y <hr/>
VI 4:20 16:18	wetlands 11:5 12:4	year 10:7
video 3:14,15 5:5, 6,7 17:3	wide 6:19,20,23 8:7,8	<hr/>
viewing 15:24	widen 7:14	Z <hr/>
views 3:25 4:1,3	widening 5:24 7:21 8:4,11,13 10:24 11:2 15:1	Zone 12:12
<hr/>	widths 7:20	
W <hr/>	wildlife 6:6 9:17,18 11:12	
wall 9:12	wishing 17:9	
water 7:8 8:18 11:5 12:17		
waters 12:3		
ways 15:16		
webpage		

PUBLIC HEARING CERTIFICATION

SR 70 FROM LONESOME ISLAND RD TO SOUTHERN LEG OF CR 721

Project Development and Environment (PD&E) Study

Highlands County, Florida

Financial Management No.: 449851-1-22-01

I certify that a public hearing was conducted on 02/19/2026, beginning at 06:00 PM for the above project. A transcript was made and the document attached is a full, true, and complete transcript of what was said at the hearing.

Kathern Cothorn

(Name)

February 26, 2026

Date

SWEPT Project Manager

(Title of FDOT Representative)



Electronically signed within SWEPT
on February 26, 2026 9:15:16 AM EST
(electronic signature on file)

Link to Public Hearing Transcript

1 - [44985112201-CE2-D1-Public_Hearing_Transcript_Virtual_Session_Feb_19-2026-2026-0225.pdf](#)

PUBLIC HEARING

PROCEEDINGS: S.R. 70 FROM LONESOME ROAD TO THE
SOUTHERN LEG OF C.R. 721
FPID NO. 449851-1-22-01

DATE: THURSDAY, FEBRUARY 19, 2026

TIME: 6:00 P.M. - 6:41 P.M.

PLACE: ONLINE SESSION

STENOGRAPHICALLY
REPORTED BY: LINDY ROMANOFF, COURT REPORTER

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A P P E A R A N C E S :

- Christine Diaz
- Kathern Cothorn
- Richard Green

I N D E X

Presentation.....7
Richard Green.....23

E X H I B I T S
(none presented)

1 P R O C E E D I N G S

2 *****

3 MS. DIAZ: Good evening, everyone. And thank
4 you for joining us tonight for the public hearing
5 for the Project Development & Environmental or PD&E
6 study for State Road 70 from Lonesome Island Road to
7 southern leg of County Road 721.

8 My name is Christine Diaz, and I am your online
9 moderator. Tonight, FDOT is conducting the online
10 hearing to the Go To webinar platform.

11 Thank you for attending the live online option.
12 The in-person hearing was held on Tuesday, February
13 17th, 2026 at Town of Lake Placid Government Center
14 in the community room at 5:30 p.m.

15 Meeting materials, including the project
16 newsletter, Title VI forms, comment form and public
17 hearing compliance handout are available for
18 download under materials on this Go To Webinar. All
19 other project materials are available to view and
20 download on the project website.

21 Please be aware that this meeting is being
22 recorded and closed captioning is available by
23 clicking on the closed captioning button on the
24 bottom right corner of your screen.

25 We will start the formal hearing momentarily.

1 At this time, I would like to go over the Go To
2 webinar control panel. There is an example of the
3 screen of what you will see. If you would like to
4 make a formal comment tonight, please type your
5 name, organization, and address into the question
6 pane at the bottom of the control panel.

7 Once your name is called to speak, you will
8 click on the microphone and turn it green. You can
9 enter your requested speak at any time during
10 tonight's hearing.

11 And here's an example of what you will see if
12 you're joining us by phone. Here's an example of
13 what you will see if you are joining us by tablet.

14 If happen to have any technical difficulties,
15 please visit support.goto.com for help.

16 We will now start the formal hearing, and the
17 time is now 6:09 p.m.

18 MS. COTHERN: Good evening. The Florida
19 Department of Transportation welcomes you to the
20 public hearing for the Project Development &
21 Environment or PD&E study for State Road 70 from
22 Lonesome Island Road to the southern leg of County
23 Road 721 in Highlands County.

24 My name is Katherine Cothorn. I am the project
25 manager. On the call with me tonight are FDOT

1 representatives, and the members of the consultant
2 project team.

3 We would like to thank any elected officials
4 for your attendance and participation in this
5 hearing. If you have not done so already, we
6 encourage you to include your name and the office
7 you represent for the project record when leaving a
8 comment.

9 Tonight, we will show a project video, which
10 will explain the project in detail. Following the
11 video will be a five-minute intermission to allow
12 time for attendees to register to submit a formal
13 comment.

14 Following the intermission, we will open the
15 formal comment period where you will have the
16 opportunity to provide statements for the record by
17 unmuting yourself.

18 The purpose of tonight's hearing is to present
19 the proposed improvements and share all analysis
20 conducted to date. It also serves as an official
21 forum for the public to express their opinions
22 regarding the proposed improvements.

23 We hold a public hearing so that we can hear
24 your views and comments. It is important that you
25 express your views at this stage of the project when

1 the flexible still exists to incorporate those views
2 into the study documents.

3 Final decisions are made using these documents
4 during the formal comment period, the project team
5 will not be answering any questions. This time is
6 intended for the public to share their opinions on
7 the project.

8 Now I will read the following information for
9 the record: This is the public hearing for State
10 Road 70 from Lonesome Island Road to the southern
11 leg of County Road 721, Florida financial project
12 number 449851-1. This project is described as a
13 PD&E study to improve traffic safety conditions on
14 State Road 70, maintain important east-west
15 connectivity within the regional transportation
16 network and accommodate freight activity within the
17 area.

18 This study evaluated the widening of State Road
19 70 from a two-lane undivided facility to a four-lane
20 divided facility, including operational improvements
21 from Lonesome Island Road to the southern leg of
22 County Road 721, extending approximately 7.6 miles
23 in length.

24 This public hearing is being conducted by the
25 Florida Department of Transportation with

1 Tallahassee as the approving authority. It is being
2 held online on February 19th, 2026 at 6:00 p.m. The
3 hearing is being conducted in accordance with all
4 state and federal laws, as well as the Americans
5 Disability Act of 1990 and Title VI of the Civil
6 Rights Act of 1964 and related statutes. It is also
7 being conducted to meet all applicable executive
8 orders. For a listing of these regulations, please
9 see the hearing display boards on the project
10 webpage.

11 If anyone here feels they have been
12 discriminated against, they may complete one of the
13 Title VI forms online and mail the completed form to
14 the address listed on the display board available
15 online.

16 At this time, we will begin to play the project
17 video.

18 THE PRESENTER: The Florida Department of
19 Transportation, or FDOT, welcomes you to the public
20 hearing for the State Road 70 Project Development
21 and Environment Study, or PD&E study, from Lonesome
22 Island Road to the southern leg of County Road 721.

23 We appreciate your attendance and
24 participation. This public hearing is being
25 conducted to give the public the opportunity to

1 review and provide comments on the proposed
2 preferred alternative and associated effects on the
3 social, economic, cultural, natural, and physical
4 environment.

5 The purpose of this PD&E study is to evaluate
6 engineering and environmental data and document
7 information that will aid FDOT District One and the
8 FDOT Office of Environment Management in determining
9 the type, preliminary design, and location of the
10 proposed improvements.

11 The study begins at Lonesome Island Road and
12 extends approximately 7.6 miles to the southern leg
13 of County Road 721. This study evaluates widening
14 the existing undivided two-lane roadway to four
15 lanes that are divided by a median.

16 State Road 70 is part of Florida's strategic
17 intermodal system highway network and designated
18 state hurricane evacuation route network.

19 State Road 70 is critical in the transportation
20 network as it facilitates local and regional
21 traffic, and the movement of goods and freight.

22 The project will also include adding shared-use
23 paths, wildlife crossings, and improved roadway
24 signing and pavement markings to improve safety and
25 operations. Stormwater management facilities will

1 also be constructed to treat and retain stormwater
2 for the roadway improvements. This project is
3 primarily needed to improve traffic safety
4 conditions, including emergency evacuation and
5 incident response times.

6 Secondary needs include maintaining important
7 east-west connectivity within the regional
8 transportation network and accommodating the
9 transportation demand, including freight activity
10 within the area.

11 State Road 70 is classified as a rural
12 principal arterial other. The existing context
13 classification is C-2 rural with a posted speed of
14 60 miles per hour. The existing right-of-way varies
15 from a minimum of 50 feet wide to a maximum of 70
16 feet wide.

17 Within the project area, SR 70 is currently a
18 two-lane undivided roadway. The roadway has one
19 ten-foot lane in each direction, with shoulders that
20 are approximately eight foot wide, four foot paved,
21 and both the south and north side throughout the
22 corridor, with no dedicated bicycle lanes or
23 sidewalk.

24 There are two existing typical sections within
25 the study limits. The limits of existing roadway

1 typical Section 1 is from Lonesome Island Road to
2 Harney Pond Canal C-41, and from Indian Prairie
3 Canal C-40 to County Road 721.

4 The limits of existing roadway typical Section
5 2 are from Harney Pond Canal C-41, to Indian Prairie
6 Canal C-40. This is similar to typical Section 1,
7 with the exception of the South Florida Water
8 Management District C-39-A Canal being situated
9 adjacent to the south side of the existing roadway
10 right-of-way.

11 The existing typical section for the C-41 and
12 C-40 canal bridges, both consist of two ten-foot
13 lanes with twelve-foot shoulders on both sides.

14 Throughout this PD&E study process, FDOT has
15 looked at many different concepts to widen the
16 existing two lanes of State Road 70 to four lanes
17 through Highlands County.

18 After environment and engineering analysis and
19 public and agency comments, many of these
20 alternatives were eliminated.

21 The last public meeting was an alternative
22 public workshop held on June 13th, 2024. Some of
23 the feedback received included: Need for turn
24 lanes, adequate width for truck turning radii,
25 access management, and overall support for the

1 four-lane widening to address safety and traffic
2 concerns.

3 Based on the comments and additional
4 environmental and engineering analysis, a referred
5 alternative was selected. The preferred alternative
6 includes the same proposed roadway elements, but the
7 alignment of the new lanes relative to the existing
8 lanes differs. Additional right-of-way for the
9 preferred alternative will be needed along the
10 entire project limits.

11 This roadway section includes widening the
12 roadway to four lanes with two 12-foot lanes in each
13 directed, separated by a 40-foot-wide grassed
14 median.

15 The outside shoulders are 12 feet wide, with
16 five feet paved, and the inside shoulders are eight
17 feet wide, with four feet paved.

18 A 12-foot-wide shared-use path will be
19 constructed along the south side of the roadway.
20 The first section, from just west of Lonesome Island
21 Road, where it ties into a previous study segment,
22 which proposed widening to the south from County
23 Road 29, to Lonesome Island Road, to Harney Pond
24 Canal C-41, shifts the widening from the south side
25 of the existing road in a project to the west to the

1 north side of the existing road. That northern
2 shift continues across the Harney Pond Canal to
3 avoid impacts to the C-39-A canal on the south side.

4 A grading easement will be required from South
5 Florida Water Management District canal right-of-way
6 to avoid gas and electric transmission lines along
7 the north side of the State Road 70, but will not
8 impact the canal or the canal maintenance berm.

9 This section continues east across the Indian
10 Prairie Canal. From east of the Indian Prairie
11 Canal towards County Road 721, the alignment shifts
12 back to the south side of existing State Road 70, to
13 avoid impacts to an existing gas pipeline, which is
14 situated north of State Road 70.

15 Continuing east and approaching County Road
16 721, the proposed roadway shifts both the eastbound
17 and westbound lines to the south of the existing
18 location, avoiding business impacts. Access to the
19 businesses will remain and be connected to State
20 Road 70 through the access from County Road 721.
21 The typical section for the Harney Pond Canal and
22 Indian Prairie Canal bridges will be replaced with
23 new structures to accommodate the four-lane divided
24 roadway sections.

25 The shared-use path will be shifted to run

1 adjacent to the roadway lanes, separated from the
2 roadway shoulder by a barrier wall. The Harney Pond
3 Canal Bridge will be a single bridge, as it will
4 carry a left-turn lane across it. While the
5 crossing over the Indian Prairie Canal will include
6 two parallel structures.

7 The span arrangement analysis will be evaluated
8 further in the design phase, but it is anticipated
9 that both bridges will be extended in length to
10 provide a wildlife shelf between the existing canals
11 and the bridge ends to facilitate wildlife crossings
12 at these locations. Neither bridge crossing will
13 impact the existing canals.

14 In accordance with Rule 14-97 of the Florida
15 Administrative Code, the proposed improvements will
16 include a median to control the movements or access
17 of turning traffic. These changes are presented in
18 compliance with Section 335.199, Florida Statutes,
19 transportation projects modifying access to adjacent
20 property.

21 The spacing and type of median openings along
22 the preferred alternative are proposed to meet these
23 requirements and are shown on concept plans on
24 display tonight and available on the project
25 website.

1 Act of 1969, as amended, and other federal
2 requirements.

3 The evaluation considered the effects of
4 widening State Road 70 on social, economic, land use
5 and farm lands, archeological, historical and
6 recreational resources. Natural resources,
7 including protected species and habitat, wetlands on
8 floodplains, and water quality. Physical resources,
9 including noise, air quality, contamination,
10 utilities, and construction.

11 Protected species and habitats are afforded
12 special protection under the Endangered Species Act
13 of 1973, as amended, and Florida Statutes. FDOT
14 assessed species within the project limits, and
15 through consultation, completed with U.S. Fish and
16 Wildlife Service, has determined that the proposed
17 project may affect, likely to adversely affect
18 federally-listed threatened or endangered species,
19 including the Audubon's Crested Caracara, eastern
20 indigo snake, and the Florida panther.

21 In addition, the project may affect, but is not
22 likely to adversely affect, the Florida bonneted
23 bat, eastern black rail, wood stork, and Everglades
24 snail kite.

25 For the state-listed species, a no-adverse

1 affect anticipated for the gopher tortoise, the
2 Florida pine snake, sand hill crane, burrowing owl,
3 the little blue heron, tri-colored heron,
4 Southeastern American Kestrel, and the roseate
5 spoonbill.

6 Commitments have been made to minimize impacts
7 and compensate for any impacts to federal or
8 state-listed species.

9 The preferred alternative and preferred pond
10 sites will result in 13.51 acres of wetland impacts
11 and 72.20 acres of permanent impacts to other
12 surface waters, ditches and canals.

13 Wetlands to be impacted by the proposed
14 improvements include freshwater marshes and wet
15 prairies. Mitigation of wetland impacts will take
16 place in accordance with Florida Statute Section 373
17 and in coordination with applicable approved
18 mitigation banks.

19 The project has been evaluated for potential
20 floodplain involvement in accordance with Executive
21 Word 11988, floodplain management.

22 The project is mostly located within the
23 Federal Emergency Management Agency, FEMA, zone A,
24 which are areas of the 100-year floodplain.

25 There are no FEMA floodways within the project

1 study area.

2 The proposed stormwater management facilities
3 and floodplain compensation sites will be designed
4 in accordance with the current requirements of the
5 South Florida Water Management District.

6 Results of the contamination screening showed
7 that there are 39 potential contamination sites,
8 with potential for hazardous material or petroleum
9 impacts. Of these 39 sites, none were ranked no
10 risk, seven were ranked low risk, 32 were ranked
11 medium risk, and none were ranked high risk.

12 For the sites ranked low for contamination, no
13 further action is required at this time.

14 For the sites with a risk ranking of medium,
15 the FDOT project manager and the district
16 contamination impact coordinator will coordinate on
17 further actions during the design phase that must be
18 taken to address contamination issues. Before
19 construction, specially trained crews will address
20 contamination in these areas, as required.

21 Locations of these sites are shown in the
22 concept plans on display tonight. The project is
23 located in an area which is designated attainment
24 for all of the national ambient air quality
25 standards under the criteria provided in the Clean

1 Air Act. Therefore, the Clean Air Act conformity
2 requirements do not apply to this project, and no
3 significant impact is expected on air quality.

4 This project is expected to improve traffic
5 flow by adding capacity to relieve congestion, which
6 should reduce operational greenhouse gas emissions.
7 Minimal short-term air quality effects may be caused
8 from construction of the proposed improvements, such
9 as dust from earthwork or unpaved roads, and smoke
10 from open burning.

11 The FDOT will adhere to all state and local
12 regulations and to the standard specifications for
13 road and bridge construction.

14 Exterior traffic noise levels are not predicted
15 to impact any noise-sensitive site within the
16 project limits, as the proposed realignment of State
17 Road 70 at County Road 721 will shift the roadway
18 away from the lone site at the Brighton First
19 Baptist Church. There will be no noise impacts with
20 the preferred alternative.

21 There are no properties in the project area
22 that are protected by either Section 4(f) or 6(f).

23 The preferred alternative is consistent with
24 the Highlands County comprehensive plan and future
25 land use map. The project area will continue to

1 support agricultural, along with conservation land
2 uses and rural estates. The project will maintain
3 existing access to surrounding agricultural uses and
4 will result in only moderate conversion of frontage
5 areas to the expanded roadway.

6 When a transportation project proposes the
7 acquisition of private property, questions or
8 concerns may arise. The preferred alternative will
9 require approximately 183 acres of additional
10 right-of-way to accommodate the roadway improvements
11 and an initial 149 acres of right-of-way for
12 off-site stormwater management ponds and floodplain
13 compensation sites. There will be no residential or
14 business relocations required.

15 The FDOT has developed informational brochures
16 to provide a better understanding of the
17 right-of-way acquisition and relocation process.
18 These brochures, along with other educational
19 materials, are available online at
20 www.fdot.gov/rightofway/documents.shtm.

21 As part of the study process, the preferred and
22 no-build alternatives were evaluated for potential
23 benefits, right-of-way impacts, environmental
24 effects and estimated costs. The preferred
25 alternative will provide community and traffic

1 safety benefits, require the acquisition of
2 right-of-way for the roadway widening, and off-site
3 stormwater sites, and mitigation for wetland and
4 species impacts will occur.

5 The total cost for the preferred alternative is
6 approximately \$142.2 million, which includes costs
7 for design, right-of-way acquisition, utility
8 relocations, wetland and species mitigation,
9 construction, and construction engineering and
10 inspection.

11 At this time, FDOT's adopted five-year work
12 program does not include funding for subsequent
13 project phases consisting of design, right-of-way,
14 and construction. The FDOT is seeking opportunities
15 for funding for future phases.

16 The department anticipates completion of this
17 PD&E study by the end of the second quarter of 2026.
18 The study schedule is on display this evening. We
19 encourage you to review project information tonight,
20 and provide us your feedback.

21 There are multiple ways to provide comment
22 during the live in-person event, by completing a
23 speaker card and handing it to anyone with a name
24 tag during the upcoming intermission, providing your
25 comments to the court reporter, by mail to the

February 19, 2026

1 address shown on the screen, or by email or through
2 the project website. All comments carry equal
3 weight and should be submitted or postmarked by
4 March 2nd, 2026 to become part of the formal hearing
5 record. Project documents will be available for
6 public viewing until March 2nd, 2026, online at
7 www.swflroads.com/project/449851-1.

8 The technical documents are also available for
9 review in person at the following locations: One,
10 the Lake Placid Memorial Library, located at 205
11 West Interlake Boulevard, Lake Placid, Florida
12 33852, Tuesday from 10:30 a.m. to 6:30 p.m.,
13 Wednesday through Saturday from 9:30 a.m. to 5:30
14 p.m.; and two, the FDOT Heartland Operations Center,
15 located at 4722 Kenilworth Boulevard, Sebring,
16 Florida 33870, Monday through Friday 8:00 a.m. to
17 5:00 p.m.

18 This PD&E study is being conducted and
19 completed according to the requirements of the
20 National Environmental Policy Act and other related
21 federal and state laws, rules and regulations, which
22 will qualify future phases of this project for
23 federal funding, and this hearing was advertised
24 consistent with those requirements. Please see the
25 statute display board for all other applicable

1 requirements.

2 This hearing and this study is conducted in
3 accordance with the Americans with Disabilities Act
4 of 1990 and with Title VI of the Civil Rights Act of
5 1964 and other federal and state statutes.

6 Anyone who feels he or she has been
7 discriminated against with regard to race, color,
8 national origin, age, sex, religion, disability, or
9 family status may complete one of the forms located
10 at the sign-in table and mail the completed form to
11 the address listed on the poster board.

12 And finally, an FDOT safety moment. Drinking
13 and driving don't mix. Drive sober or game over.
14 You only have one life. FDOT thanks you for making
15 safety a continued priority.

16 (Intermission)

17 MS. COTHERN: We will now begin the public
18 testimony portion of the hearing. We welcome your
19 spoken or written comments that will help us make
20 this important decision, and all comments are
21 weighted equally.

22 As a reminder, if you have additional questions
23 following tonight's hearing, feel free to reach out
24 to me. We will not be responding to questions or
25 comments at this time. Our focus tonight is

1 recording verbal comments; however, we will post a
2 summary of the comments received on the project
3 webpage approximately 30 days following the close of
4 the comment period.

5 Comments will be limited to three minutes in
6 duration. The online moderator will signal when you
7 have a minute left, and then will signal again when
8 your time is up. The timer can be viewed at the top
9 right of your screen.

10 MS. DIAZ: At this time, we will call upon
11 those attending online who have signed up to speak.
12 Each person is allotted for one three-minute
13 comment.

14 First, we will call upon Richard Green.

15 Mr. Richard Green, please unmute yourself and
16 state your name and address, and if you represent an
17 organization, municipality, or other public body.
18 We will now start your time.

19 MR. GREEN: I am Richard Green. I do not
20 represent any company or organization. My address
21 is 5518 Thunder Road, Sebring, Florida 33876.

22 I just want to make comment that I'm in
23 preference of the no-build. There is a lot more to
24 building a major roadway than just the road itself.
25 And what I see this happening with four lanes

1 running across this -- the area here is that it's
2 going to invite more development, and what we're
3 talking about is development that's going to be
4 smack in the middle of some prime wildlife corridor
5 area.

6 Right now, we are just in the -- in the midst
7 of -- of the beginning of building a wildlife
8 corridor area through the Florida Forever project
9 and the Rural and Family Lands Protection Program.
10 And these are vital to our wildlife conservation,
11 which is also vital to the identity and the culture
12 of our beautiful state.

13 Now, I haven't seen much as far as any kind of
14 traffic flow figures from anyone to see what kind of
15 traffic this is relieving. I really do question any
16 kind of risk of traffic accidents to the current
17 configuration of the road.

18 And congestion, congestion is pretty low. I
19 mean, this is not Miami. This is not Tampa. This
20 is not even Sebring. So I think a corridor for
21 wildlife is not a place for four lines of high-speed
22 traffic coming through.

23 And on State Road 70, this project is near in
24 abuts to other Florida Forever project proposals and
25 conservation land as well. And it's in an area that

1 we --

2 So those are the comments that I would like to
3 make.

4 MS. DIAZ: Thank you for your comments.

5 Is there anyone else attending online who has
6 not spoken, but would like to speak? Please type
7 your requests in the question pane.

8 Again, is there anyone else attending online
9 who has not spoken, but would like to speak?

10 Is there anyone else attending online who has
11 not spoken, but would like the opportunity now to
12 speak? Please type in your request in the question
13 pane.

14 Seeing no one else wants to speak, we will
15 close out the comment portion of this hearing.
16 Thank you.

17 MS. COTHERN: Once again, written statements
18 and exhibits in place of or in addition to verbal
19 statements will be accepted and recorded as part of
20 this hearing if postmarked or sent by March 2nd,
21 2026.

22 After the comment period closes, the project
23 team will compile all comments, and together with
24 the engineering and environmental work that has been
25 done, make a final recommendation, and will be

1 submitted to the FDOT Office of Environmental
2 Management for approval.

3 If approved, we will publish the results of the
4 study in the Highlands Sun -- Highlands News Sun and
5 post the approval on the project webpage. Project
6 engineering and environmental documents are
7 available for review at the Lake Placid Memorial
8 Library, located at 205 West Interlake Boulevard,
9 Lake Placid, Florida 33852; and at the FDOT
10 Heartland Operations Center, located at 4722
11 Kenilworth Boulevard, Sebring, Florida, as well as
12 on the project webpage. These documents will remain
13 available for review until March 2nd, 2026.

14 The verbatim transcript of this hearing's
15 proceeding, together with all written statements or
16 exhibits received and all studies displayed and
17 informational material presented with this hearing,
18 will be made part of the project decision-making
19 process, and will be available for public review
20 upon the request at the FDOT District One
21 headquarters.

22 Thank you for attending this public hearing and
23 for providing your input into this project. It is
24 now 6:41. I hereby close the public hearing for
25 State Road 70 from Lonesome Island Road to the

1 southern leg of County Road 721 in Highlands County,
2 Florida.

3 Thank you again, and have a good evening.

4 (The public hearing concluded at 6:41 p.m.)

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STATE OF FLORIDA)
)
COUNTY OF CITRUS)

I, Lindy Romanoff, Notary Public, State of Florida, I was authorized to and did stenographically report the foregoing proceedings; and that the transcript, pages 3 through 27, is a true and accurate record of my stenographic notes.

I FURTHER CERTIFY that I am not a relative, or employee, or attorney, or counsel of any of the parties, nor am I a relative or employee of any of the parties' attorney or counsel connected with the action, nor am I financially interested in the action.

Dated this 21st day of February, 2026.



Lindy Romanoff, Court Reporter

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		6:12	16:11
\$142.2	2	4722	721
20:6	10:5	21:15 26:10	3:7 4:23
1	2024	5	6:11,22 7:22
	10:22		8:13 10:3
1	2026	50	12:11,16,20
10:1,6	3:13 7:2	9:15	18:17 27:1
100-year	20:17 21:4,6	5518	8
16:24	25:21 26:13	23:21	
10:30	205	5:00	8:00
21:12	21:10 26:8	21:17	21:16
11988	2052	5:30	9
16:21	14:4	3:14 21:13	
12	29	6	9:30
11:15	11:23		21:13
12-foot	2nd	6 (f)	A
11:12	21:4,6 25:20	18:22	
12-foot-wide		60	a.m.
11:18	3	9:14	21:12,13,16
13.51		6:00	abuts
16:10	30	7:2	24:24
13th	23:3	6:09	accepted
10:22	32	4:17	25:19
14-97	17:10	6:30	access
13:14	335.199	21:12	10:25 12:18,
149	13:18	6:41	20 13:16,19
19:11	33852	26:24 27:4	19:3
17th	21:12 26:9	7	accidents
3:13	33870		24:16
183	21:16	7.6	accommodate
19:9	33876	6:22 8:12	6:16 12:23
1964	23:21	70	19:10
7:6 22:5	373	3:6 4:21	accommodating
1969	16:16	6:10,14,19	9:8
15:1	39	7:20 8:16,19	accommodation
1973	17:7,9	9:11,15,17	s
15:13	4	10:16 12:7,	14:19
1990		12,14,20	accordance
7:5 22:4	4 (f)	14:4 15:4	7:3 13:14
19th	18:22	18:17 24:23	14:25 16:16,
7:2	40-foot-wide	26:25	20 17:4 22:3
	11:13		

<p>acquisition 14:10 19:7, 17 20:1,7</p> <p>acres 16:10,11 19:9,11</p> <p>across 12:2,9 13:4 24:1</p> <p>Act 7:5,6 15:1, 12 18:1 21:20 22:3,4</p> <p>action 17:13</p> <p>actions 17:17</p> <p>activity 6:16 9:9</p> <p>adding 8:22 18:5</p> <p>addition 15:21 25:18</p> <p>additional 11:3,8 19:9 22:22</p> <p>address 4:5 7:14 11:1 17:18, 19 21:1 22:11 23:16, 20</p> <p>adequate 10:24</p> <p>adhere 18:11</p> <p>adjacent 10:9 13:1,19</p> <p>Administrative 13:15</p> <p>adopted 20:11</p> <p>advantages 14:6,8</p> <p>adversely 15:17,22</p>	<p>advertised 21:23</p> <p>affect 15:17,21,22 16:1</p> <p>afforded 15:11</p> <p>age 22:8</p> <p>agency 10:19 16:23</p> <p>agricultural 19:1,3</p> <p>aid 8:7</p> <p>air 15:9 17:24 18:1,3,7</p> <p>alignment 11:7 12:11</p> <p>allotted 23:12</p> <p>allow 5:11</p> <p>alternative 8:2 10:21 11:5,9 13:22 14:1,2,7,8, 20 16:9 18:20,23 19:8,25 20:5</p> <p>alternatives 10:20 19:22</p> <p>ambient 17:24</p> <p>amended 15:1,13</p> <p>American 16:4</p> <p>Americans 7:4 22:3</p> <p>analysis 5:19 10:18 11:4 13:7</p> <p>answering 6:5</p>	<p>anticipated 13:8 16:1</p> <p>anticipates 20:16</p> <p>anyone 7:11 20:23 22:6 24:14 25:5,8,10</p> <p>applicable 7:7 16:17 21:25</p> <p>apply 18:2</p> <p>appreciate 7:23</p> <p>approaching 12:15</p> <p>approval 26:2,5</p> <p>approved 16:17 26:3</p> <p>approving 7:1</p> <p>approximately 6:22 8:12 9:20 19:9 20:6 23:3</p> <p>archeological 15:5</p> <p>area 6:17 9:10,17 17:1,23 18:21,25 24:1,5,8,25</p> <p>areas 16:24 17:20 19:5</p> <p>arise 19:8</p> <p>arrangement 13:7</p> <p>arterial 9:12</p> <p>assessed 15:14</p> <p>associated 8:2 14:9</p>	<p>assumes 14:3</p> <p>attainment 17:23</p> <p>attendance 5:4 7:23</p> <p>attendees 5:12</p> <p>attending 3:11 23:11 25:5,8,10 26:22</p> <p>Audubon's 15:19</p> <p>authority 7:1</p> <p>available 3:17,19,22 7:14 13:24 19:19 21:5,8 26:7,13,19</p> <p>avoid 12:3,6,13</p> <p>avoiding 12:18</p> <p>aware 3:21</p> <hr/> <p style="text-align: center;">B</p> <hr/> <p>back 12:12</p> <p>banks 16:18</p> <p>Baptist 18:19</p> <p>barrier 13:2</p> <p>Based 11:3</p> <p>bat 15:23</p> <p>beautiful 24:12</p> <p>begin 7:16 22:17</p>
--	---	--	---

<p>beginning 24:7</p> <p>begins 8:11</p> <p>benefits 19:23 20:1</p> <p>berm 12:8</p> <p>better 19:16</p> <p>bicycle 9:22</p> <p>bicycles 14:19</p> <p>black 15:23</p> <p>blue 16:3</p> <p>board 7:14 21:25 22:11</p> <p>boards 7:9</p> <p>body 23:17</p> <p>bonneted 15:22</p> <p>bottom 3:24 4:6</p> <p>Boulevard 21:11,15 26:8,11</p> <p>bridge 13:3,11,12 18:13</p> <p>bridges 10:12 12:22 13:9</p> <p>Brighton 18:18</p> <p>brochures 19:15,18</p> <p>building 23:24 24:7</p> <p>burning 18:10</p>	<p>burrowing 16:2</p> <p>business 12:18 19:14</p> <p>businesses 12:19</p> <p>button 3:23</p> <hr/> <p style="text-align: center;">c</p> <hr/> <p>C-2 9:13</p> <p>C-39-A 10:8 12:3</p> <p>C-40 10:3,6,12</p> <p>C-41 10:2,5,11 11:24</p> <p>call 4:25 23:10, 14</p> <p>called 4:7</p> <p>canal 10:2,3,5,6, 8,12 11:24 12:2,3,5,8, 10,11,21,22 13:3,5</p> <p>canals 13:10,13 16:12</p> <p>capacity 18:5</p> <p>captioning 3:22,23</p> <p>Caracara 15:19</p> <p>card 20:23</p> <p>carry 13:4 21:2</p> <p>caused 18:7</p>	<p>Center 3:13 21:14 26:10</p> <p>changes 13:17</p> <p>Christine 3:8</p> <p>Church 18:19</p> <p>Civil 7:5 22:4</p> <p>classificatio n 9:13</p> <p>classified 9:11</p> <p>Clean 17:25 18:1</p> <p>click 4:8</p> <p>clicking 3:23</p> <p>close 23:3 25:15 26:24</p> <p>closed 3:22,23</p> <p>closes 25:22</p> <p>Code 13:15</p> <p>color 22:7</p> <p>comment 3:16 4:4 5:8,13,15 6:4 20:21 23:4,13,22 25:15,22</p> <p>comments 5:24 8:1 10:19 11:3 20:25 21:2 22:19,20,25 23:1,2,5 25:2,4,23</p>	<p>Commitments 16:6</p> <p>community 3:14 19:25</p> <p>company 23:20</p> <p>compensate 16:7</p> <p>compensation 17:3 19:13</p> <p>compile 25:23</p> <p>complete 7:12 22:9</p> <p>completed 7:13 15:15 21:19 22:10</p> <p>completing 20:22</p> <p>completion 14:22 20:16</p> <p>compliance 3:17 13:18</p> <p>comprehensive 18:24</p> <p>concept 13:23 17:22</p> <p>concepts 10:15</p> <p>concerns 11:2 19:8</p> <p>concluded 27:4</p> <p>conditions 6:13 9:4</p> <p>conducted 5:20 6:24 7:3,7,25 21:18 22:2</p> <p>conducting 3:9</p> <p>configuration 24:17</p> <p>conformity 18:1</p> <p>congestion</p>
---	--	--	--

14:16 18:5 24:18 connected 12:19 connectivity 6:15 9:7 conservation 19:1 24:10, 25 considered 14:2 15:3 consist 10:12 consistent 18:23 21:24 consisting 20:13 constructed 9:1 11:19 construction 14:9,11 15:10 17:19 18:8,13 20:9,14 consultant 5:1 consultation 15:15 contamination 15:9 17:6,7, 12,16,18,20 context 9:12 continue 14:21 18:25 continued 22:15 continues 12:2,9 Continuing 12:15 control 4:2,6 13:16 conversion 19:4 coordinate 17:16	coordination 16:17 coordinator 17:16 corner 3:24 corridor 9:22 24:4,8, 20 cost 20:5 costs 14:10 19:24 20:6 Cothorn 4:18,24 22:17 25:17 County 3:7 4:22,23 6:11,22 7:22 8:13 10:3,17 11:22 12:11, 15,20 18:17, 24 27:1 court 20:25 crane 16:2 crashes 14:16 Crested 15:19 crews 17:19 criteria 17:25 critical 8:19 crossing 13:5,12 crossings 8:23 13:11 cultural 8:3 culture 24:11	current 17:4 24:16 <hr/> D <hr/> data 8:6 date 5:20 days 23:3 decision 22:20 decision- making 26:18 decisions 6:3 dedicated 9:22 demand 9:9 department 4:19 6:25 7:18 20:16 described 6:12 design 8:9 13:8 14:9 17:17 20:7,13 designated 8:17 17:23 designed 17:3 detail 5:10 determined 15:16 determining 8:8 developed 19:15 development 3:5 4:20 7:20 24:2,3	Diaz 3:3,8 23:10 25:4 different 10:15 differs 11:8 difficulties 4:14 directed 11:13 direction 9:19 Disabilities 22:3 disability 7:5 22:8 disadvantages 14:6,13 discriminated 7:12 22:7 display 7:9,14 13:24 17:22 20:18 21:25 displayed 26:16 district 8:7 10:8 12:5 17:5,15 26:20 ditches 16:12 divided 6:20 8:15 12:23 document 8:6 documents 6:2,3 21:5,8 26:6,12 download 3:18,20 Drinking 22:12 Drive 22:13
--	--	--	--

driving 22:13	16:23	evaluates 8:13	
due 14:11, 16	emissions 18:6	evaluation 15:3	<hr/> F <hr/>
duration 23:6	encourage 5:6 20:19	evening 3:3 4:18	facilitate 13:11
dust 18:9	end 20:17	20:18 27:3	facilitates 8:20
<hr/> E <hr/>	endangered 15:12, 18	event 20:22	facilities 8:25 17:2
earthwork 18:9	ends 13:11	Everglades 15:23	facility 6:19, 20
easement 12:4	engineering 8:6 10:18	everyone 3:3	factors 14:24
east 12:9, 10, 15	11:4 20:9	exception 10:7	family 22:9 24:9
east-west 6:14 9:7	25:24 26:6	executive 7:7 16:20	far 24:13
eastbound 12:16	enter 4:9	exhibits 25:18 26:16	farm 15:5
eastern 15:19, 23	entire 11:10	existing 8:14 9:12,	FDOT 3:9 4:25
economic 8:3 15:4	environment 4:21 7:21	14, 24, 25	7:19 8:7, 8
educational 19:18	8:4, 8 10:18	10:4, 9, 11, 16	10:14 14:23
effects 8:2 15:3	environmental 3:5 8:6 11:4	11:7, 25	15:13 17:15
18:7 19:24	14:23, 25	12:1, 12, 13,	18:11 19:15
eight 9:20 11:16	19:23 21:20	17 13:10, 13	20:14 21:14
either 18:22	25:24 26:1, 6	19:3	22:12, 14
elected 5:3	environments 14:12	exists 6:1	26:1, 9, 20
electric 12:6	equal 21:2	expanded 19:5	FDOT's 20:11
elements 11:6	equally 22:21	expected 18:3, 4	February 3:12 7:2
eliminated 10:20	estates 19:2	explain 5:10	federal 7:4 15:1
email 21:1	estimated 19:24	express 5:21, 25	16:7, 23
emergency 9:4 14:17	evacuation 8:18 9:4	extended 13:9	21:21, 23
	14:17	extending 6:22	22:5
	evaluate 8:5	extends 8:12	federally- listed 15:18
	evaluated 6:18 13:7	Exterior 18:14	feedback 10:23 20:20
	14:21, 23		feel 22:23
	16:19 19:22		feels 7:11 22:6

feet 9:15,16 11:15,16,17	focus 22:25		12:2,21 13:2
FEMA 16:23,25	following 5:10,14 6:8 21:9 22:23 23:3	<hr/> G <hr/>	hazardous 17:8
figures 24:14	foot 9:20	game 22:13	headquarters 26:21
final 6:3 25:25	Forever 24:8,24	gas 12:6,13 18:6	hear 5:23
finally 22:12	form 3:16 7:13 22:10	give 7:25	hearing 3:4,10,12, 17,25 4:10, 16,20 5:5, 18,23 6:9,24 7:3,9,20,24 21:4,23 22:2,18,23 25:15,20 26:17,22,24 27:4
financial 6:11	formal 3:25 4:4,16 5:12,15 6:4 21:4	going 24:2,3	hearing's 26:14
first 11:20 18:18 23:14	forms 3:16 7:13 22:9	good 3:3 4:18 27:3	Heartland 21:14 26:10
Fish 15:15	forum 5:21	goods 8:21	held 3:12 7:2 10:22
five 11:16	four 8:14 9:20 10:16 11:12, 17 23:25 24:21	gopher 16:1	help 4:15 22:19
five-minute 5:11	four-lane 6:19 11:1 12:23	Government 3:13	heron 16:3
five-year 20:11	free 22:23	grading 12:4	high 17:11
flexible 6:1	freight 6:16 8:21 9:9	grassed 11:13	high-speed 24:21
floodplain 16:20,21,24 17:3 19:12	freshwater 16:14	green 4:8 23:14, 15,19	Highlands 4:23 10:17 18:24 26:4 27:1
floodplains 15:8	Friday 21:16	greenhouse 18:6	highway 8:17
floodways 16:25	frontage 19:4	<hr/> H <hr/>	hill 16:2
Florida 4:18 6:11,25 7:18 10:7 12:5 13:14, 18 15:13,20, 22 16:2,16 17:5 21:11, 16 23:21 24:8,24 26:9,11 27:2	funding 20:12,15 21:23	habitat 15:7	historical 15:5
Florida's 8:16	future 18:24 20:15 21:22	habitats 15:11	hold 5:23
flow 18:5 24:14		handing 20:23	hour 9:14
		handout 3:17	
		happen 4:14	
		happening 23:25	
		Harney 10:2,5 11:23	

<p>human 14:12</p> <p>hurricane 8:18</p> <hr/> <p style="text-align: center;">I</p> <hr/> <p>identity 24:11</p> <p>impact 12:8 13:13 17:16 18:3, 15</p> <p>impacted 16:13</p> <p>impacts 12:3,13,18 14:10,11 16:6,7,10, 11,15 17:9 18:19 19:23 20:4</p> <p>important 5:24 6:14 9:6 22:20</p> <p>improve 6:13 8:24 9:3 18:4</p> <p>improved 8:23 14:18</p> <p>improvements 5:19,22 6:20 8:10 9:2 13:15 14:3, 24 16:14 18:8 19:10</p> <p>in-person 3:12 20:22</p> <p>incident 9:5</p> <p>include 5:6 8:22 9:6 13:5,16 14:8,13 16:14 20:12</p> <p>included 10:23</p>	<p>includes 11:6,11 20:6</p> <p>including 3:15 6:20 9:4,9 15:7, 9,19</p> <p>Inconsistency 14:13</p> <p>incorporate 6:1</p> <p>increased 14:15,17</p> <p>Indian 10:2,5 12:9, 10,22 13:5</p> <p>indigo 15:20</p> <p>information 6:8 8:7 20:19</p> <p>informational 19:15 26:17</p> <p>initial 19:11</p> <p>input 26:23</p> <p>inside 11:16</p> <p>inspection 20:10</p> <p>intended 6:6</p> <p>Interlake 21:11 26:8</p> <p>intermission 5:11,14 20:24 22:16</p> <p>intermodal 8:17</p> <p>intersections 14:16</p> <p>invite 24:2</p> <p>involvement 16:20</p> <p>Island 3:6 4:22</p>	<p>6:10,21 7:22 8:11 10:1 11:20,23 26:25</p> <p>issues 17:18</p> <hr/> <p style="text-align: center;">J</p> <hr/> <p>joining 3:4 4:12,13</p> <p>June 10:22</p> <hr/> <p style="text-align: center;">K</p> <hr/> <p>Katherine 4:24</p> <p>Kenilworth 21:15 26:11</p> <p>Kestrel 16:4</p> <p>kind 24:13,14,16</p> <p>kite 15:24</p> <hr/> <p style="text-align: center;">L</p> <hr/> <p>lack 14:18</p> <p>Lake 3:13 21:10, 11 26:7,9</p> <p>land 15:4 18:25 19:1 24:25</p> <p>lands 15:5 24:9</p> <p>lane 9:19 13:4</p> <p>lanes 8:15 9:22 10:13,16,24 11:7,8,12 13:1 23:25</p>	<p>laws 7:4 21:21</p> <p>leaving 5:7</p> <p>left 23:7</p> <p>left-turn 13:4</p> <p>leg 3:7 4:22 6:11,21 7:22 8:12 27:1</p> <p>length 6:23 13:9</p> <p>levels 18:14</p> <p>Library 21:10 26:8</p> <p>life 22:14</p> <p>limited 23:5</p> <p>limits 9:25 10:4 11:10 15:14 18:16</p> <p>lines 12:6,17 24:21</p> <p>listed 7:14 22:11</p> <p>listing 7:8</p> <p>little 16:3</p> <p>live 3:11 20:22</p> <p>local 8:20 14:14 18:11</p> <p>located 16:22 17:23 21:10,15 22:9 26:8,10</p> <p>location 8:9 12:18</p>
--	--	--	---

locations 13:12 17:21 21:9	manager 4:25 17:15	million 20:6	national 14:25 17:24 21:20 22:8
lone 18:18	map 18:25	Minimal 18:7	natural 8:3 14:12 15:6
Lonesome 3:6 4:22 6:10,21 7:21 8:11 10:1 11:20,23 26:25	March 21:4,6 25:20 26:13	minimize 16:6	need 10:23 14:14
looked 10:15	markings 8:24	minimum 9:15	needed 9:3 11:9
lot 23:23	marshes 16:14	minute 23:7	needs 9:6
low 17:10,12 24:18	material 17:8 26:17	minutes 23:5	network 6:16 8:17, 18,20 9:8
<hr/> M <hr/>	materials 3:15,18,19 19:19	mitigation 16:15,18 20:3,8	News 26:4
made 6:3 14:3 16:6 26:18	maximum 9:15	mix 22:13	newsletter 3:16
mail 7:13 20:25 22:10	mean 24:19	moderate 19:4	no-adverse 15:25
maintain 6:14 19:2	median 8:15 11:14 13:16,21	moderator 3:9 23:6	no-build 14:1,2,7,8, 20 19:22 23:23
maintaining 9:6	medium 17:11,14	modifying 13:19	noise 15:9 18:14, 19
maintenance 12:8 14:5	meet 13:22	moment 22:12	noise-sensitive 18:15
major 23:24	meet all 7:7	momentarily 3:25	north 9:21 12:1,7, 14
make 4:4 22:19 23:22 25:3, 25	meeting 3:15,21 10:21	Monday 21:16	northern 12:1
making 22:14	members 5:1	movement 8:21	number 6:12
management 8:8,25 10:8, 25 12:5 16:21,23 17:2,5 19:12 26:2	Memorial 21:10 26:7	movements 13:16	<hr/> O <hr/>
	Miami 24:19	multimodal 14:18	occur 20:4
	microphone 4:8	multiple 20:21	off-site 19:12 20:2
	middle 24:4	municipality 23:17	office 5:6 8:8 26:1
	midst 24:6	<hr/> N <hr/>	
	miles 6:22 8:12 9:14	name 3:8 4:5,7,24 5:6 20:23 23:16	

official 5:20		phase 13:8 17:17	poster 22:11
officials 5:3	<u>P</u>	phases 20:13,15 21:22	postmarked 21:3 25:20
Once 4:7 25:17	p.m. 3:14 4:17 7:2 21:12, 14,17 27:4	phone 4:12	potential 14:15 16:19 17:7,8 19:22
one 7:12 8:7 9:18 21:9 22:9,14 23:12 25:14 26:20	pane 4:6 25:7,13	physical 8:3 15:8	Prairie 10:2,5 12:10,22 13:5
online 3:8,9,11 7:2,13,15 19:19 21:6 23:6,11 25:5,8,10	panel 4:2,6	pine 16:2	prairies 16:15
open 5:14 18:10	panther 15:20	pipeline 12:13	predicted 18:14
openings 13:21	parallel 13:6	place 16:16 24:21 25:18	preference 23:23
operational 6:20 18:6	part 8:16 19:21 21:4 25:19 26:18	Placid 3:13 21:10, 11 26:7,9	preferred 8:2 11:5,9 13:22 16:9 18:20,23 19:8,21,24 20:5
operations 8:25 21:14 26:10	participation 5:4 7:24	plan 18:24	preliminary 8:9
opinions 5:21 6:6	path 11:18 12:25	plans 13:23 14:15 17:22	present 5:18
opportunities 20:14	paths 8:23	platform 3:10	presented 13:17 26:17
opportunity 5:16 7:25 25:11	paved 9:20 11:16, 17	play 7:16	PRESENTER 7:18
option 3:11 14:20	pavement 8:24	please 3:21 4:4,15 7:8 21:24 23:15 25:6, 12	pretty 24:18
orders 7:8	PD&E 3:5 4:21 6:13 7:21 8:5 10:14 20:17 21:18	Policy 14:25 21:20	previous 11:21
organization 4:5 23:17,20	pedestrians 14:19	pond 10:2,5 11:23 12:2,21 13:2 16:9	primarily 9:3
origin 22:8	period 5:15 6:4 23:4 25:22	ponds 19:12	prime 24:4
outside 11:15	permanent 16:11	portion 22:18 25:15	principal 9:12
owl 16:2	person 21:9 23:12	post 23:1 26:5	priority 22:15
	petroleum 17:8	posted 9:13	private 19:7
			proceeding 26:15

<p>process 10:14 19:17, 21 26:19</p> <p>program 20:12 24:9</p> <p>project 3:5,15,19,20 4:20,24 5:2, 7,9,10,25 6:4,7,11,12 7:9,16,20 8:22 9:2,17 11:10,25 13:24 14:14 15:14,17,21 16:19,22,25 17:15,22 18:2,4,16, 21,25 19:2,6 20:13,19 21:2,5,22 23:2 24:8, 23,24 25:22 26:5,12,18, 23</p> <p>projects 13:19</p> <p>properties 18:21</p> <p>property 13:20 19:7</p> <p>proposals 24:24</p> <p>proposed 5:19,22 8:1, 10 11:6,22 12:16 13:15, 22 14:24 15:16 16:13 17:2 18:8,16</p> <p>proposes 19:6</p> <p>protected 15:7,11 18:22</p> <p>protection 15:12 24:9</p>	<p>provide 5:16 8:1 13:10 19:16, 25 20:20,21</p> <p>provided 17:25</p> <p>providing 20:24 26:23</p> <p>public 3:4,16 4:20 5:21,23 6:6, 9,24 7:19, 24,25 10:19, 21,22 14:11 21:6 22:17 23:17 26:19, 22,24 27:4</p> <p>publish 26:3</p> <p>purpose 5:18 8:5 14:14</p> <hr/> <p style="text-align: center;">Q</p> <hr/> <p>qualify 21:22</p> <p>quality 15:8,9 17:24 18:3,7</p> <p>quarter 20:17</p> <p>question 4:5 24:15 25:7,12</p> <p>questions 6:5 19:7 22:22,24</p> <hr/> <p style="text-align: center;">R</p> <hr/> <p>race 22:7</p> <p>radii 10:24</p> <p>rail 15:23</p>	<p>ranked 17:9,10,11, 12</p> <p>ranking 17:14</p> <p>reach 22:23</p> <p>read 6:8</p> <p>realignment 18:16</p> <p>received 10:23 23:2 26:16</p> <p>recommendatio n 25:25</p> <p>record 5:7,16 6:9 21:5</p> <p>recorded 3:22 25:19</p> <p>recording 23:1</p> <p>recreational 15:6</p> <p>reduce 18:6</p> <p>referred 11:4</p> <p>regard 22:7</p> <p>regarding 5:22</p> <p>regional 6:15 8:20 9:7</p> <p>register 5:12</p> <p>regulations 7:8 18:12 21:21</p> <p>related 7:6 21:20</p> <p>relating 14:24</p>	<p>relative 11:7</p> <p>relieve 18:5</p> <p>relieving 24:15</p> <p>religion 22:8</p> <p>relocation 19:17</p> <p>relocations 19:14 20:8</p> <p>remain 12:19 26:12</p> <p>remains 14:20</p> <p>reminder 22:22</p> <p>replaced 12:22</p> <p>reporter 20:25</p> <p>represent 5:7 23:16,20</p> <p>representativ es 5:1</p> <p>request 25:12 26:20</p> <p>requested 4:9</p> <p>requests 25:7</p> <p>require 19:9 20:1</p> <p>required 12:4 17:13, 20 19:14</p> <p>requirements 13:23 15:2 17:4 18:2 21:19,24 22:1</p> <p>residential 19:13</p> <p>resources 15:6,8</p>
---	---	---	---

<p>responding 22:24</p> <p>response 9:5 14:17</p> <p>result 16:10 19:4</p> <p>results 17:6 26:3</p> <p>retain 9:1</p> <p>review 8:1 20:19 21:9 26:7, 13,19</p> <p>Richard 23:14,15,19</p> <p>right 3:24 23:9 24:6</p> <p>right-of-way 9:14 10:10 11:8 12:5 14:9 19:10, 11,17,23 20:2,7,13</p> <p>Rights 7:6 22:4</p> <p>risk 17:10,11,14 24:16</p> <p>road 3:6,7 4:21, 22,23 6:10, 11,14,18,21, 22 7:20,22 8:11,13,16, 19 9:11 10:1,3,16 11:21,23,25 12:1,7,11, 12,14,15,20 14:3 15:4 18:13,17 23:21,24 24:17,23 26:25 27:1</p>	<p>roads 18:9</p> <p>roadway 8:14,23 9:2, 18,25 10:4,9 11:6,11,12, 19 12:16,24 13:1,2 18:17 19:5,10 20:2 23:24</p> <p>room 3:14</p> <p>roseate 16:4</p> <p>route 8:18</p> <p>routine 14:4</p> <p>Rule 13:14</p> <p>rules 21:21</p> <p>run 12:25</p> <p>running 24:1</p> <p>rural 9:11,13 19:2 24:9</p> <hr/> <p style="text-align: center;">S</p> <hr/> <p>safety 6:13 8:24 9:3 11:1 20:1 22:12, 15</p> <p>sand 16:2</p> <p>Saturday 21:13</p> <p>schedule 20:18</p> <p>screen 3:24 4:3 21:1 23:9</p>	<p>screening 17:6</p> <p>Sebring 21:15 23:21 24:20 26:11</p> <p>second 20:17</p> <p>Secondary 9:6</p> <p>section 10:1,4,6,11 11:11,20 12:9,21 13:18 16:16 18:22</p> <p>sections 9:24 12:24</p> <p>see 4:3,11,13 7:9 21:24 23:25 24:14</p> <p>Seeing 25:14</p> <p>seeking 20:14</p> <p>segment 11:21</p> <p>selected 11:5</p> <p>separated 11:13 13:1</p> <p>serves 5:20</p> <p>Service 15:16</p> <p>seven 17:10</p> <p>sex 22:8</p> <p>share 5:19 6:6</p> <p>shared-use 8:22 11:18 12:25</p> <p>shelf 13:10</p>	<p>shift 12:2 18:17</p> <p>shifted 12:25</p> <p>shifts 11:24 12:11, 16</p> <p>short-term 18:7</p> <p>shoulder 13:2</p> <p>shoulders 9:19 10:13 11:15,16</p> <p>show 5:9</p> <p>showed 17:6</p> <p>shown 13:23 17:21 21:1</p> <p>side 9:21 10:9 11:19,24 12:1,3,7,12</p> <p>sides 10:13</p> <p>sidewalk 9:23</p> <p>sign-in 22:10</p> <p>signal 23:6,7</p> <p>signed 23:11</p> <p>significant 18:3</p> <p>signing 8:24</p> <p>similar 10:6</p> <p>single 13:3</p> <p>site 18:15,18</p> <p>sites 16:10 17:3,</p>
---	--	--	---

7, 9, 12, 14, 21 19:13 20:3	specification s 18:12	stormwater 8:25 9:1 17:2 19:12 20:3	tablet 4:13
situated 10:8 12:14	speed 9:13	strategic 8:16	tag 20:24
smack 24:4	spoken 22:19 25:6, 9,11	structures 12:23 13:6	take 16:15
smoke 18:9	spoonbill 16:5	studies 26:16	taken 17:18
snail 15:24	SR 9:17	study 3:6 4:21 6:2, 13, 18 7:21 8:5, 11, 13 9:25 10:14 11:21 14:1, 22 17:1 19:21 20:17, 18 21:18 22:2 26:4	talking 24:3
snake 15:20 16:2	stage 5:25	submit 5:12	Tallahassee 7:1
sober 22:13	standard 18:12	submitted 21:3 26:1	Tampa 24:19
social 8:3 15:4	standards 17:25	subsequent 20:12	team 5:2 6:4 25:23
socioeconomic 14:23	start 3:25 4:16 23:18	summary 23:2	technical 4:14 21:8
south 9:21 10:7, 9 11:19, 22, 24 12:3, 4, 12, 17 17:5	state 3:6 4:21 6:9, 14, 18 7:4, 20 8:16, 18, 19 9:11 10:16 12:7, 12, 14, 19 14:3 15:4 18:11, 16 21:21 22:5 23:16 24:12, 23 26:25	Sun 26:4	ten-foot 9:19 10:12
Southeastern 16:4	state-listed 15:25 16:8	support 10:25 19:1	testimony 22:18
southern 3:7 4:22 6:10, 21 7:22 8:12 27:1	statements 5:16 25:17, 19 26:15	support.goto.com 4:15	thank 3:3, 11 5:3 25:4, 16 26:22 27:3
spacing 13:21	status 22:9	surface 16:12	thanks 22:14
span 13:7	statute 16:16 21:25	surrounding 19:3	think 24:20
speak 4:7, 9 23:11 25:6, 9, 12, 14	statutes 7:6 13:18 15:13 22:5	system 8:17	threatened 15:18
speaker 20:23	stork 15:23		three 23:5
special 15:12			three-minute 23:12
specially 17:19			Thunder 23:21
species 15:7, 11, 12, 14, 18, 25 16:8 20:4, 8			ties 11:21
		T	time 4:1, 9, 17 5:12 6:5 7:16 17:13 20:11 22:25 23:8, 10, 18
		table 22:10	

timer 23:8	tri-colored 16:3	utility 20:7	webinar 3:10,18 4:2
times 9:5 14:18	truck 10:24	<hr/>	webpage 7:10 23:3
Title 3:16 7:5,13 22:4	Tuesday 3:12 21:12	v <hr/>	26:5,12
tonight 3:4,9 4:4,25 5:9 13:24 17:22 20:19 22:25	turn 4:8 10:23	valid 14:20	website 3:20 13:25 21:2
tonight's 4:10 5:18 22:23	turning 10:24 13:17	varies 9:14	Wednesday 21:13
top 23:8	twelve-foot 10:13	vehicle 14:17	weight 21:3
tortoise 16:1	two 9:24 10:12, 16 11:12 13:6 21:14	verbal 23:1 25:18	weighted 22:21
total 20:5	two-lane 6:19 8:14 9:18	verbatim 26:14	welcomes 4:19 7:19
Town 3:13	type 4:4 8:9 13:21 25:6, 12	VI 3:16 7:5,13 22:4	west 11:20,25 21:11 26:8
traffic 6:13 8:21 9:3 11:1 13:17 18:4, 14 19:25 24:14,15,16, 22	typical 9:24 10:1,4, 6,11 12:21	video 5:9,11 7:17	westbound 12:17
trained 17:19	<hr/> U <hr/>	view 3:19	wet 16:14
transcript 26:14	U.S. 15:15	viewed 23:8	wetland 16:10,15 20:3,8
transmission 12:6	understanding 19:16	viewing 21:6	wetlands 15:7 16:13
transportatio n 4:19 6:15,25 7:19 8:19 9:8,9 13:19 14:15 19:6	undivided 6:19 8:14 9:18	views 5:24,25 6:1	wide 9:15,16,20 11:15,17
traveling 14:10	unmute 23:15	visit 4:15	widen 10:15
treat 9:1	unmuting 5:17	vital 24:10,11	widening 6:18 8:13 11:1,11,22, 24 14:24 15:4 20:2
	unpaved 18:9	<hr/> W <hr/>	width 10:24
	upcoming 20:24	wall 13:2	wildlife 8:23 13:10, 11 15:16 24:4,7,10,21
	utilities 15:10	want 23:22	wood 15:23
		water 10:7 12:5 15:8 17:5	
		waters 16:12	
		ways 20:21	

February 19, 2026

Word

16:21

work

20:11 25:24

workshop

10:22

written

22:19 25:17

26:15

**www.fdot.gov/
rightofway/
documents.
shtm.**

19:20

**www.
swflroads.
com/project/
449851-1.**

21:7

Y

year

14:4

Z

zone

16:23