

UTILITY ASSESSMENT PACKAGE

Florida Department of Transportation

District One

State Road 70 Project Development and Environment (PD&E) Study

Limits of Project: from Lonesome Island Road to the Southern Leg of County Road 721

Highlands County, Florida

Financial Management Number: 449851-1-22-01

Federal-Aid Project Number: D123-016-B

ETDM Number: 14490

Date: December 2025

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.

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1.0 INTRODUCTION

The Florida Department of Transportation (FDOT), District One, is conducting a Project Development and Environment (PD&E) Study to evaluate the proposed widening of State Road (SR) 70 from Lonesome Island Rd. to the Southern Leg of CR 721 in Highlands County. The total project length is approximately 7.6 miles, and the project limits are shown in **Figure 1-1**. The project proposes the widening of the two-lane facility to four-lane, divided facility and the inclusion of multi-modal improvements. The Preferred Alternative is a four-lane divide road with 12-foot wide travel lanes, paved shoulders and turn lanes, and multi-modal improvements (i.e. shared use path) along the corridor. Additional right-of-way (ROW) is needed to accommodate the proposed improvements. Design and posted speeds of 65mph are proposed. The purpose of the PD&E Study is to document and evaluate engineering and environmental data that will aid FDOT District One, and the FDOT Environmental Management Office (EMO) in reaching a decision on the type, preliminary design, and location of the proposed improvements. The study was conducted to meet the requirements of the National Environmental Policy Act (NEPA) and other related federal and state laws, rules, and regulations.

1.1 PURPOSE OF UTILITY ASSESSMENT PACKAGE

This utility assessment package has been assembled to provide information for existing and planned utilities on SR 70 from Lonesome Island Rd. to the Southern Leg of CR 721 in Highlands County. This package contains information on the names of utility companies, contacts for the Utility Agency Owners (UAOs), utility plans denoting the location of major existing and proposed facilities, the description of each utility identified, project coordination efforts, and information on the cost of relocation, if necessary. This package also includes information on the utility coordination performed during the PD&E phase of the project.

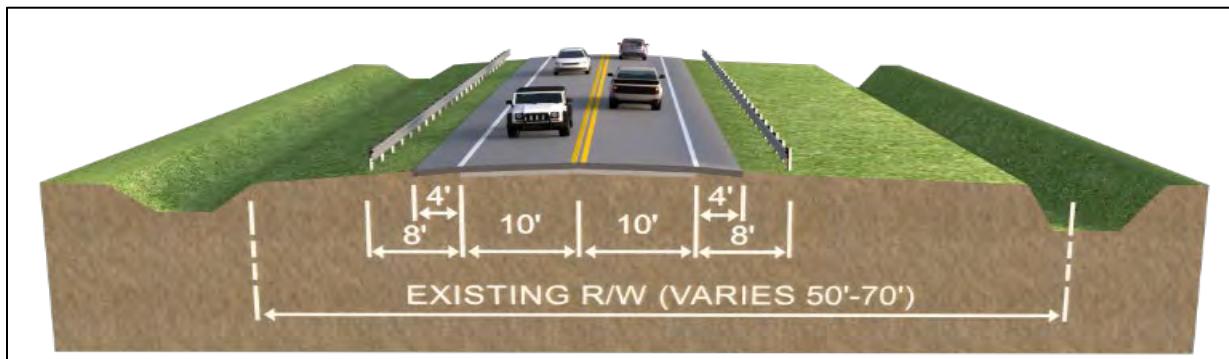
Figure 1-1: Project Location Map



1.2 EXISTING ROADWAY FACILITY

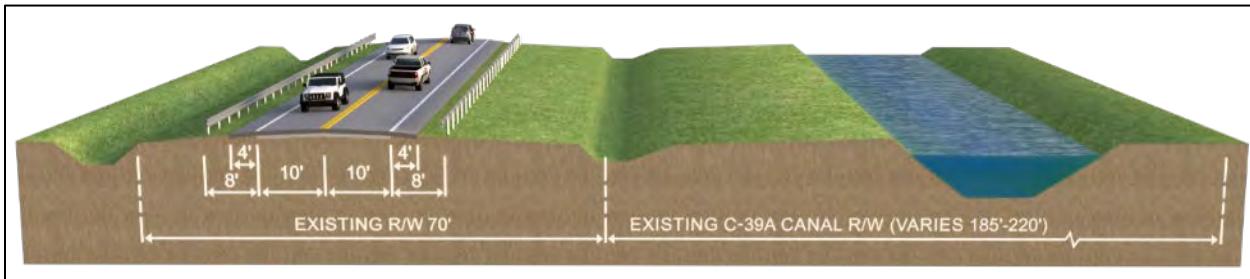
Within the majority of the project limits, SR 70 is a two-lane, undivided facility with 10-foot travel lanes (one in each direction), with 6-foot shoulders (4-foot paved), and no pedestrian or bicycle facilities. The roadway is classified as an “Rural Principal Arterial - Other” throughout the project study limits. The context classification is C2 – Rural. The posted speed limit is 60 MPH. Based on the as-built plans, the design speed is 65 MPH. Stormwater runoff is collected in roadside ditches, swales, and ultimately conveyed to the Kissimmee River. There are two bridge crossings along the corridor. One is located at Harney Canal (C-41) and the other is at Indian Prairie Canal (C-40). There are no signalized intersections along the corridor. The existing typical section is shown in **Figure 1-2 and 1-3**.

Figure 1-2: Existing Typical Section



From Lonesome Island Road to Harney Pond Canal C-41 and From Indian Prairie Canal C-40 to C.R. 721 (Southern Leg)

Figure 1-3: Existing Typical Section



From Harney Pond Canal C-41 to Indian Prairie Canal C-40

The ROW information was obtained from FDOT as-built plans for SR 70, Florida Department of Environmental Protection (FDEP) certified corner records, and property appraiser maps from Highlands and Glades Counties. Generally, the ROW along the corridor is 70-foot width within the project limits but reduces to approximately 50-foot width on the west side of the project limits. Within the existing 70-foot ROW, the current SR 70 horizontal alignment is centered between the north and south ROW boundaries.

2.0 PURPOSE AND NEED

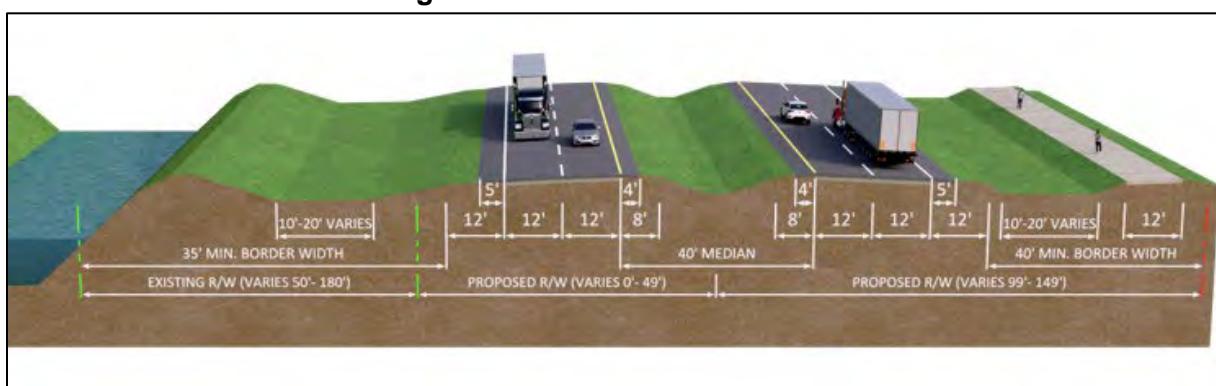
The purpose of this project is to address traffic safety conditions on SR 70 from Lonesome Island Rd. to the Southern Leg of CR 721 in Highlands County. Other goals of the project include maintaining important east-west connectivity within the regional transportation network and to accommodate freight activity within the area.

The need for the project is based on safety, area wide network/system linkage, transportation demands, emergency evacuation, traffic safety conditions, and incident response times. Area wide network/ system linkage will aid in maintaining the important east-west connectivity within the regional transportation network and transportation demands will accommodate freight activity.

3.0 PREFERRED ALTERNATIVE

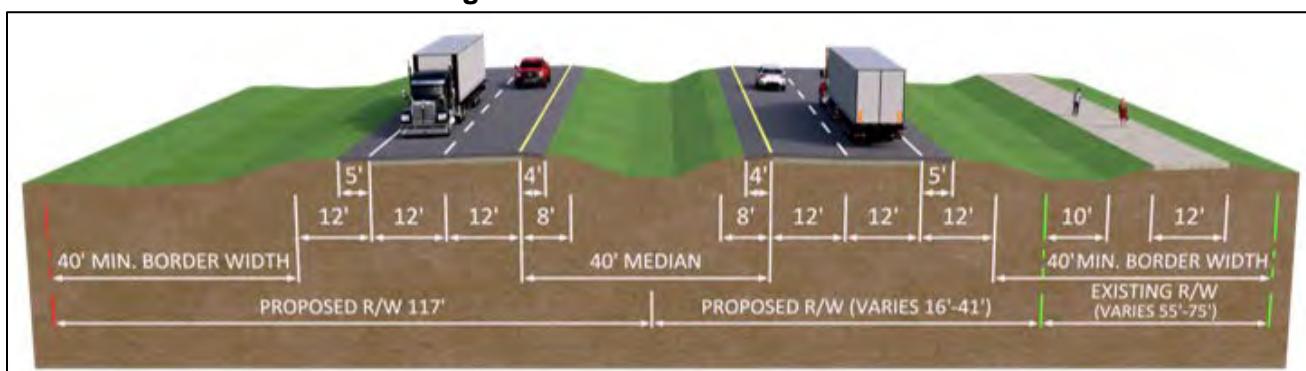
The Preferred Alternative includes widening the existing two-lane undivided rural arterial to a four-lane divided arterial with a 40-foot grass median throughout the project limits. Full paved shoulders and drainage ditches are proposed on the outside and a 12-foot-wide shared use path is proposed along the south side of the road for bicycles and pedestrians. The proposed typical sections are shown on **Figure 3-1** and **Figure 3-2** from the west limits of the project where the widening is to the south of the existing roadway to the SFWMD Harney Pond Canal (C-41) where the widening shifts to north of the existing roadway.

Figure 3-1: Preferred Alternative



Roadway Typical Section: Begin Project to West of Harney Pond Canal

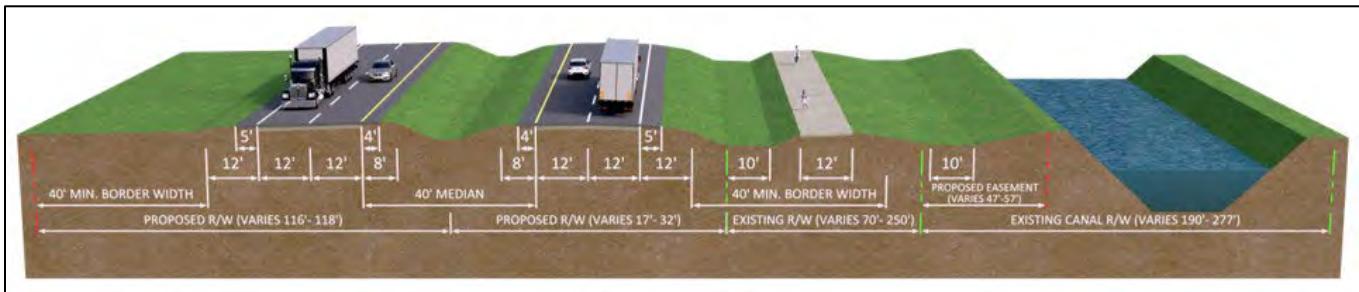
Figure 3-2: Preferred Alternative



Typical Section: West of Harney Pond Canal C-41 and East of Indian Prairie Canal C-40

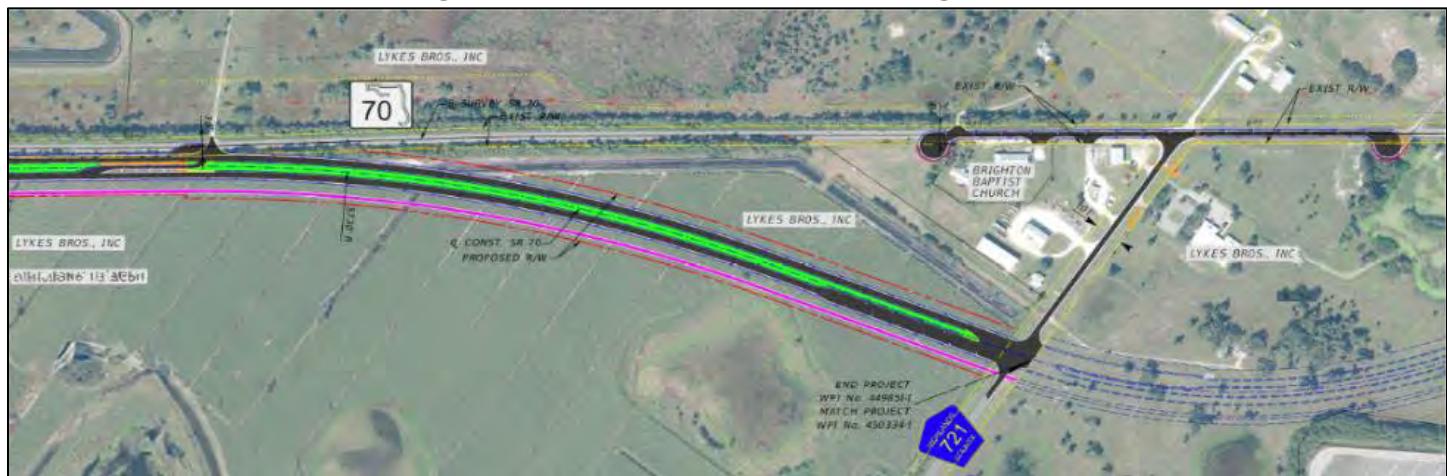
Moving east, the proposed alignment continues east with widening to the north side of existing S.R. 70 pavement as it traverses the Harney Pond Canal (C-41) and follows immediately north of and parallel to the C-39A canal as shown on **Figure 3-3**. The alignment remains to the north across the Indian Prairie Canal (C-40).

Figure 3-3: Preferred Alternative



Roadway Typical Section: Harney Pond Canal C-41 to Indian Prairie Canal C-40

Figure 3-4: C.R. 721 Intersection Realignment



S.R. 70 at C.R. 721 Intersection

The S. R. 70 bridges over Harney Pond Canal (C-41) shown on **Figure 3-5** and over Indian Prairie Canal (C-40) shown on **Figure 3-6**, will be replaced. The bridges include a 12-foot-wide shared use path on the south side. Horizontal widening alignments were adjusted to minimize ROW requirements, impacts and costs.

Figure 3-5 | Preferred Alternative Bridge Typical Section

Bridge Typical Section S.R. 70 over Harney Pond Canal C-41

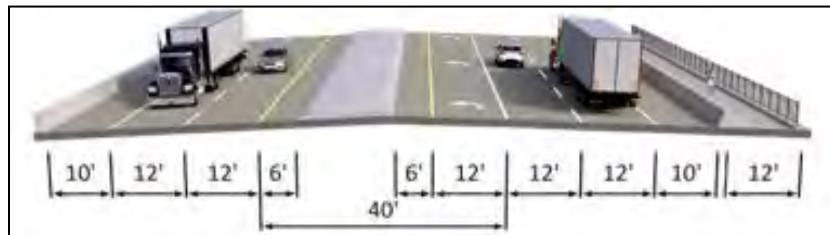
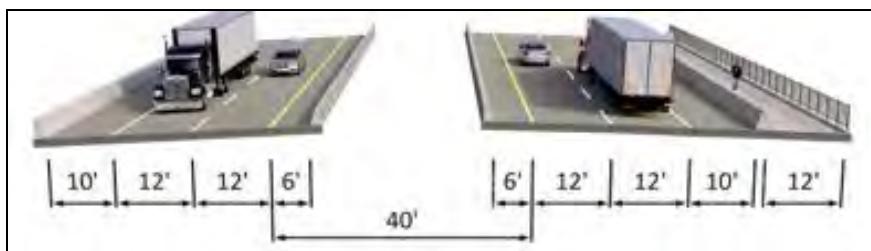


Figure 3-6 | Preferred Alternative Bridge Typical Section

Bridge Typical Section S. R. 70 over Indian Prairie Canal C-40



The Preferred Alternative includes construction of 6 new off-site stormwater management facilities (SMF) designated as SMF 1, 2A, 3A, 4, 5, 6 and linear sites LIN7L and LIN7R within the roadway right of way limits. Six new off-site floodplain compensation (FPC) sites, designated as FPC 1B, 2-3B, 4A, 5A, 6B and 7B are also proposed as part of the Preferred Alternative.

4.0 EXISTING UTILITIES

The Utility Agency/Owners (UAOs) were determined using a variety of sources. A Sunshine 811 Design Ticket was requested, the project was visited, and field investigations and observations were made. Above ground utility features were noted and verified with the utility providers and operators during the coordination process for the project. The final source of data collection was from As-built plans along or adjacent to the study area. A list of the UAOs identified on the project are summarized in **Table 4-1**.

Table 4-1: Summary of Utility Contact Information

Company	Contact	Address	Phone Number/ Email	Utilities in Corridor
Glades Electric CO-OP	Colin Evans	214 Hwy 70 Lake Placid, FL 33852	(863) 531-5304 CEvans@gladeselectric.com	Electric
Florida Gas Transmission	Joseph E. Sanchez	2405 Lucien Way Suite 200 Maitland, FL 32751	(407) 808-4607 Joseph.e.sanchez@energytransfer.com	Gas
Florida Power & Light Distribution	Chris McJunkin	15430 Endeavor Drive Jupiter, FL 33478	(941) 267-7474 Chris.mcjunkin@fpl.com	Electric
Florida Power & Light Transmission	Craig B. Ledbetter	15430 Endeavor Drive Jupiter, FL 33478	(561) 532-7082 Craig.ledbetter@fpl.com	Electric
Lumen/ Centurylink (local)	Kenneth R. Lutz	924 Memorial Drive Avon Park, FL 33825	(863) 214-1490 Ken.lutz@lumen.com	Telephone/ Fiber
Lumen/ Centurylink (national)	Francisco Azuri	2121 W. Prospect Rd. Ft. Lauderdale, FL 33309	(786) 266-1713 Francisco.azuri@lumen.com	Fiber

4.1 UTILITY OWNERS/PROVIDERS AND LOCATIONS

All of the utility providers and operators were contacted on June 30, 2023, and were provided with corridor aerial base maps of SR 70 for review. Copies of these coordination letters can be found in **Appendix A**. Based on the aerial maps, they were asked to assist in locating and identifying their existing and planned facilities within the area of study and asked to provide information about any known utility easements and provide an estimated cost for relocation of their facilities, if that were required. Through plan mark-ups and/or verbal descriptions, utility providers or operators provided information on the location and type of existing and planned facilities. At the time of utility contact efforts, none of the UAOs indicated any future planned facilities or upgrades to existing facilities within the project limits, and none indicated there are existing utility easements. The responses from the utility providers are found in **Appendix B**. A description of the existing facilities and any associated relocation costs, if relocation were required, are outlined in **Table 4-2**. For UAOs that did not provide approximate relocation costs, an estimate was calculated using current estimates for that utility type.

4-2: Existing Utilities Summary

Provided below is a summary of the existing facilities within the project corridor. All stations provided are approximate.

Glades Electric Co-Operative owns the following facilities within the project's study area.

- Overhead 3 Phase (4 wire) 7.2kz Distribution Electric (easement) along the south side of SR 70 starting at Sta. 442+00 RT to 486+00 RT. This line has 2- 240v multiplex overline extensions that feed private properties.
- Overhead 2 Phase (3 wire) 7.2kz Distribution Electric (easement) along the south side of SR 70 at 486+00 RT that feeds private properties.
- Overhead 2 Phase (3 wire) 7.2kz Distribution Electric (easement) along the south side of SR 70 starting at Sta. 486+00 RT to 355+60 RT. There is a 2 Phase (3 wire) overhead crossing at Sta. 517+40 and Sta 338+25.
- Overhead 2 Phase (3 wire) 7.2kz Distribution Electric (easement) along the south side of SR 70 starting at Sta. 355+60 RT until it leaves project limits.

Florida Gas Transmission owns the following facilities within the project's study area.

- 30" OD. X 0.249" W.T., grade X-605 natural Gas Transmission pipeline on the north side of SR 70 outside of the ROW on a private easement around Sta. 2139+00 LT going east to Sta. 2529+50 LT to Sta. 2543 +00 LT which deviates to the south (still outside of proposed ROW).
- 30" OD. X 0.249" W.T., grade X-605 natural Gas Transmission pipeline on the north side of SR 70 outside of the ROW on a private easement around Sta. 2529+50 LT going east to Sta. 468+00. Pipeline leaves the study limits.
- 30" OD. X 0.249" W.T., grade X-605 natural Gas Transmission pipeline on the north side of SR 70 outside of the ROW on a private easement around Sta. 2551+50 LT going east re-enters PDE study limits. to Sta. 2570+50.

Florida Power & Light Transmission owns the following facilities within the project's study area.

- 69KV OE on the north side of SR 70 outside the ROW on a private easement from Sta. 474+00 going east to Sta. 618+50 then exiting project limits
- 69KV OE on the north side of SR 70 outside the ROW on a private easement re-enters study area at Sta. 666+40 LT.
- 13KV OE starts at Sta. 618+40 heading east and crossing SR 70 north to south at Sta. 628+00 exiting the study area limits.
- 230KV OE on the north side of SR 70 on a private easement from Sta. 617+20 LT going east to Sta. 675+20.
- 13KV OE crosses SR 70 north to south from power pole to power pole at around Sta. 639+40.
- 13KV OE on the south side of SR 70 in ROW from Sta. 636+80 going east to Sta. 639+40.

Lumen/ Centurylink - Local owns the following facilities within the project's study area.

- 48-count BFOC and 200 BT on the south side of SR 70 within existing ROW running west to east from Sta. 442+00 RT to Sta 459+40 RT. At this location hand-holes and pedestal.
- 96-count BFOC, 600 BT, and 25 BT on the south side of SR 70 within existing ROW running west to east from Sta. 459+40 RT to Sta 473+70 RT terminating at pedestal.
- 96-count BFOC and 400 BT on the south side of SR 70 within existing ROW running west to east from Sta 473+70 RT to Sta. 478+85 RT terminating at pedestal.
- 96-count BFOC, 50 BT and 12 BT on the south side of SR 70 within existing ROW running west to east from Sta 478+85 RT to Sta. 514+20 RT terminating at pedestal. There are several pedestals along this run.
- 96-count BFOC, 50 BT, 25 BT and 12 BT on the south side of SR 70 within existing ROW running west to east from Sta 323+00 RT to Sta. 381+40 RT terminating at pedestal.
- 25 BT and 6 BT on the south side of SR 70 within existing ROW running west to east from Sta 480+80 RT to Sta. 510+00 RT terminating at pedestal.
- 25 BT on the south side of SR 70 within existing ROW running west to east from Sta 510+00 RT to Sta. 643+00 RT terminating at pedestal.
- 24-count BFO crossing at Sta. 641+90 then remaining in ROW until exiting at hand-hole at Sta. 639+25LT.
- 25 BT crossing at Sta. 643+00 ROW to ROW
- 48-count BFO and 50 BT on the south side of SR 70 within existing ROW running west to east from Sta 643+00 RT to Sta. 673+80 RT exiting the project limits.

Lumen/CenturyLink – National owns the following facilities within the project's study area.

- Has not responded to original request for information. Assumptions made is that their facilities were proposed for this corridor and that they will be placing fiber for the entire length of the job at some point in the future within the ROW (7.66 miles)(40,445 ft). Based on current Statewide averages a multi-conduit directionally bored system with splicing hand-holes would be \$16.75 per ft. with hand-holes averaging \$2,700.00 each at 100' intervals.

Table 4-1: Total Relocation Cost

#	Description	Unit	Amount
1	Glades Electric Co-Op Relocation Cost (Non-Reimbursable) (within ROW) (Reimbursable)	Total	\$ 890,152.00 \$1,335,250.00
2	Florida Gas Transmission (within a private easement, "Potential Reimbursement")	Total	** \$ 2,000,000.00
3	Florida Power & Light Transmission (230KV & 69KV within a private easement, "Potential Reimbursement")	Total	** \$ 2,000,000.00
4	Centurylink/ Lumen National Fiber (Non-Reimbursement) (within ROW)	Total	\$ 785,455.00
5	Centurylink/ Lumen Local (Non-Reimbursement) (within ROW) (within a private easement, "Potential Reimbursement")	Total	\$ 65,000.00 \$ 97,000.00
6	HB703 Telecom reimbursement (50%)	Total	\$ 473,727.50
		Subtotal	\$7,646,584.50
	2025 cost increase (4.6%)		\$351,742.88
		Subtotal	\$7,998,327.38
	Utility Engineering (12%)		\$959,799.27
	Land & ROW Cost (30%)		\$2,399,498.10
	Construction Cost	Subtotal	\$11,357,624.75
	CE&I (5%)		\$567,881.20
		Total	\$11,925,505.95

This relocation cost reflected have factored in the mitigation techniques that were implemented to avoid significant utility impacts during this PD&E phase and support the design alternatives as agreed upon with the utility agencies.

5.0 Utility Mitigation

Mitigation measures should consider the following:

- The accurate location of all aerial and underground facilities to confirm a clear or conflict determination,
- A design approach to avoid the utility facilities and minimize impacts,
- Any undocumented unknown UAOs found during design and/or construction could create additional impacts and additional delays,
- Minimizing the duration of unavoidable service disruptions,
- Allowing service disruption only during periods of no or minimum usage,
- Maintaining utility connections in temporary locations,
- Installing alternative or new facilities before disconnecting the existing facilities,
- Completion of the necessary utility work prior to the start of roadway construction, or prioritize the utility work to avoid the first phases of roadway construction,
- Removing Occupational Safety and Health Administration (OSHA) crane conflicts, utilize low overhead construction techniques.

The extent of roadway widening, ROW acquisition, and related improvements are shown on the Preferred Alternative concept plans included in **Appendix C**. Efforts to minimize impacts to existing utilities should be taken during the design phase. If impacts are unavoidable, design alternatives will be reviewed to allow for relocation that minimizes cost to the UAO and disruption to their customers. The project team met with FP&L Transmission on 6/2/25 (meeting notes in **Appendix E**) and discussed modifications made to the Preferred Alternative to avoid impacts to new transmission poles that FP&L is scheduled to construct.

APPENDIX A
UTILITY CONTACT LETTER



June 30, 2023

UAO CONTACT LIST			
UAO	CONTACTS	TEL. NO.	EMAIL
Florida Gas Transmission	Joseph E. Sanchez	407-808-4607	joseph.e.sanchez@energytransfer.com
FPL - Distribution	Rob Morris	772-485-0858	Rob.Morris@fpl.com
FPL - Transmission	Craig B Ledbetter	561-532-7082	craig.ledbetter@fpl.com
Glades Electric CO-OP	Colin Evans	863-531-5034	CEvans@GLADESELECTRIC.COM
Highlands County Traffic	Edward Cardona	863-402-6536	ecardona@hcbcc.org
Lumen (CenturyLink) - Local	Kenneth R. Lutz	863-214-1490	ken.lutz@lumen.com
Lumen (CenturyLink) - National	Francisco Azuri	786-266-1713	francisco.azuri@lumen.com

RE: **ADJUSTMENT OF UTILITIES-STATE STATUTE CHAPTER 337.403 DISTRIBUTION OF EXEMPT PUBLIC DOCUMENTS – FLORIDA STATUTES SECTION 119.071 (3) (a,b)**

State Road No.: 70

County: Highlands

Financial Project ID: 449851-1-22-01

Description: SR 70 From Lonesome Island Rd. to Southern Leg of CR 721

The Florida Department of Transportation proposes improvements to the above designated road as shown by the Preliminary PD&E Study Basemap Plans provided. In accordance with **Part 2, Chapter 21** of the PD&E manual, attached are the Preliminary PD&E Study Base Map Plans for your review and handling. Please mark your existing or proposed facilities (using the color green for existing and brown for proposed facilities), designating the size, type, material, location, number of conduits, etc. tying in the location of your facilities to the baseline survey or the existing right of way line.

If you do not have any existing and/or proposed facilities within the limits of this project, please send a Utility Contact Form (UCF) of No-Involvement, advising that your agency is not involved with this project.

If you have existing and/or proposed easements along and/or across the proposed highway right of way, please mark the approximate location(s) in the plans provided, and **please provide legal recordings of said easements.**

Please return one set of marked plans, along with the Utility Contact Form (UCF) stating whether your Agency is/or is not involved, to my office on or before **Friday, July 21, 2023.**

Your input and continued cooperation on this important community project is essential to the design and utility coordination effort. Should you have any questions don't hesitate to contact me directly at 813-559-2262, or by email at Chris.Stermer@WGInc.com.

Sincerely,



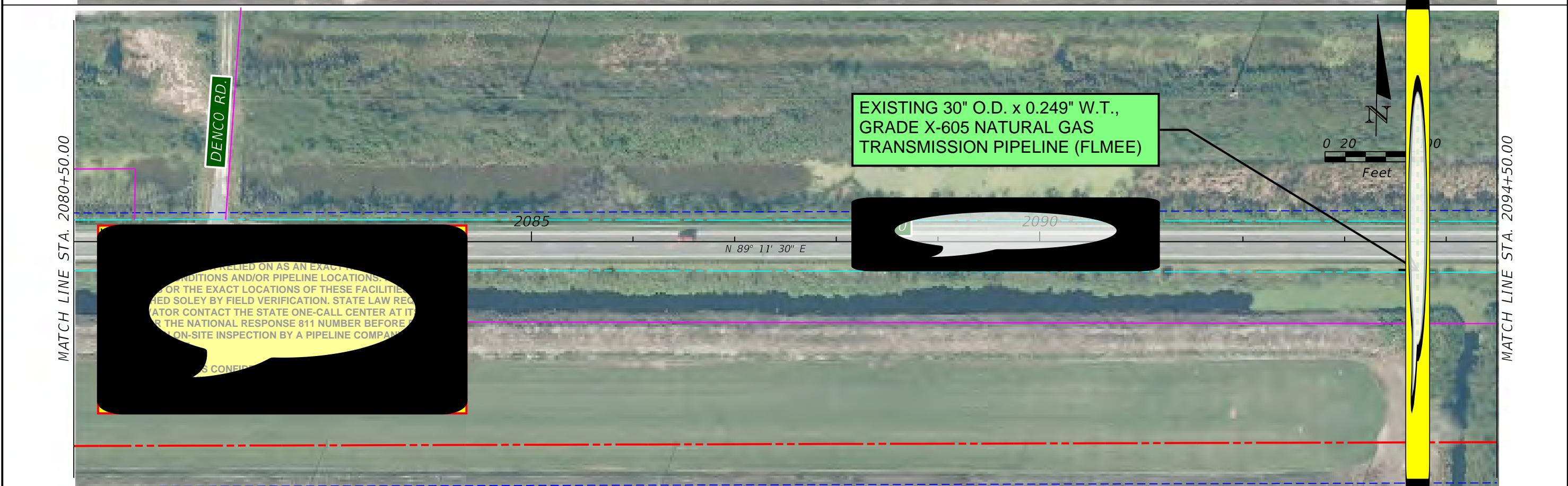
Christopher J. Stermer
Senior Utility Coordination Manager

Enc: One set of Electronic Plans (dated 06/27/23), (1) Utility Contact Form (UCF)

cc: David C. Turley, P.E., FDOT Project Manager
 Joe Lauk, P.E., PGA/FDOT, GEC Utility Project Manager
 Linda Hess, P.E., American Consulting Professionals, Design Project Manager
 Jeffrey S. Novotny, P.E., American Consulting Professionals, Engineer of Record
 File

APPENDIX B
UTILITY RESPONSES





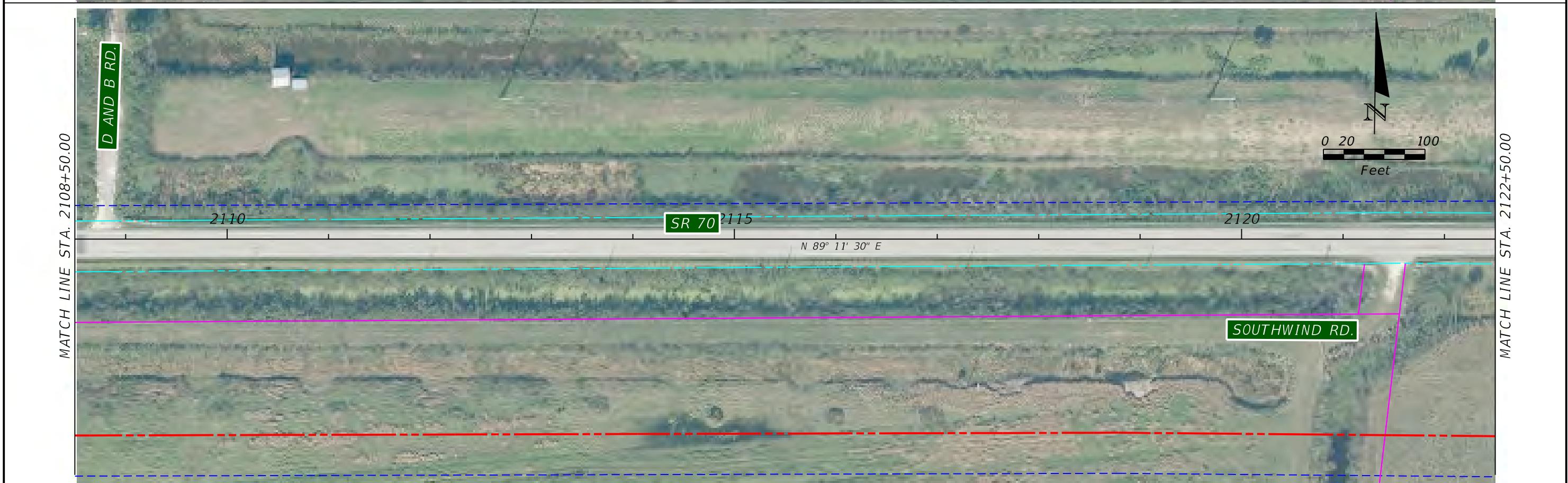
CONSTRUCTION	PARCEL LINE	FPC SITE
EXIST. R/W LINE	EXIST. EASEMENT	SMF SITE
PROP. R/W LINE	PROP. TEMP. EASEMENT	PROPOSED ROADWAY
PROP. PERP. EASEMENT	BRIDGE	MILLING AND RESURF.

RK&K Rummel, Klepper & Kahl, LLP
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Lakeland, FL 33801
FBPR C.A. NO. 26879
JASON L. LYLE, P.E. 69009

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. COUNTY FINANCIAL PROJECT ID
SR 70 GLADES 414506-1-22-01
HIGHLANDS
OKEECHOBEE

**SR 70 PD&E STUDY
BASEMAP**

SHEET NO.
39



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONSTRUCTION		PARCEL LINE	FPC SITE	STATE OF FLORIDA	SR 70 PD&E STUDY			SHEET NO.
EXIST. R/W LINE	EXIST. EASEMENT	SMF SITE	PROPOSED ROADWAY	DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	40
PROPOSED R/W LINE	PROPOSED TEMP. EASEMENT	MILLING AND RESURF.			SR 70	GLADES HIGHLANDS OKEECHOBEE	414506-1-22-01	
PROPOSED PERP. EASEMENT	BRIDGE							

1000

1000

CONSTRUCTION

PARCEL LINE

FPC SITE

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

SR 70

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

0 20 100 Feet

0 20 100 Feet

EXIST. R/W LINE

EXIST. EASEMENT

SMF SITE

PROPOSED ROADWAY

PROPOSED R/W LINE

PROPOSED TEMP. EASEMENT

MILLING AND RESURF.

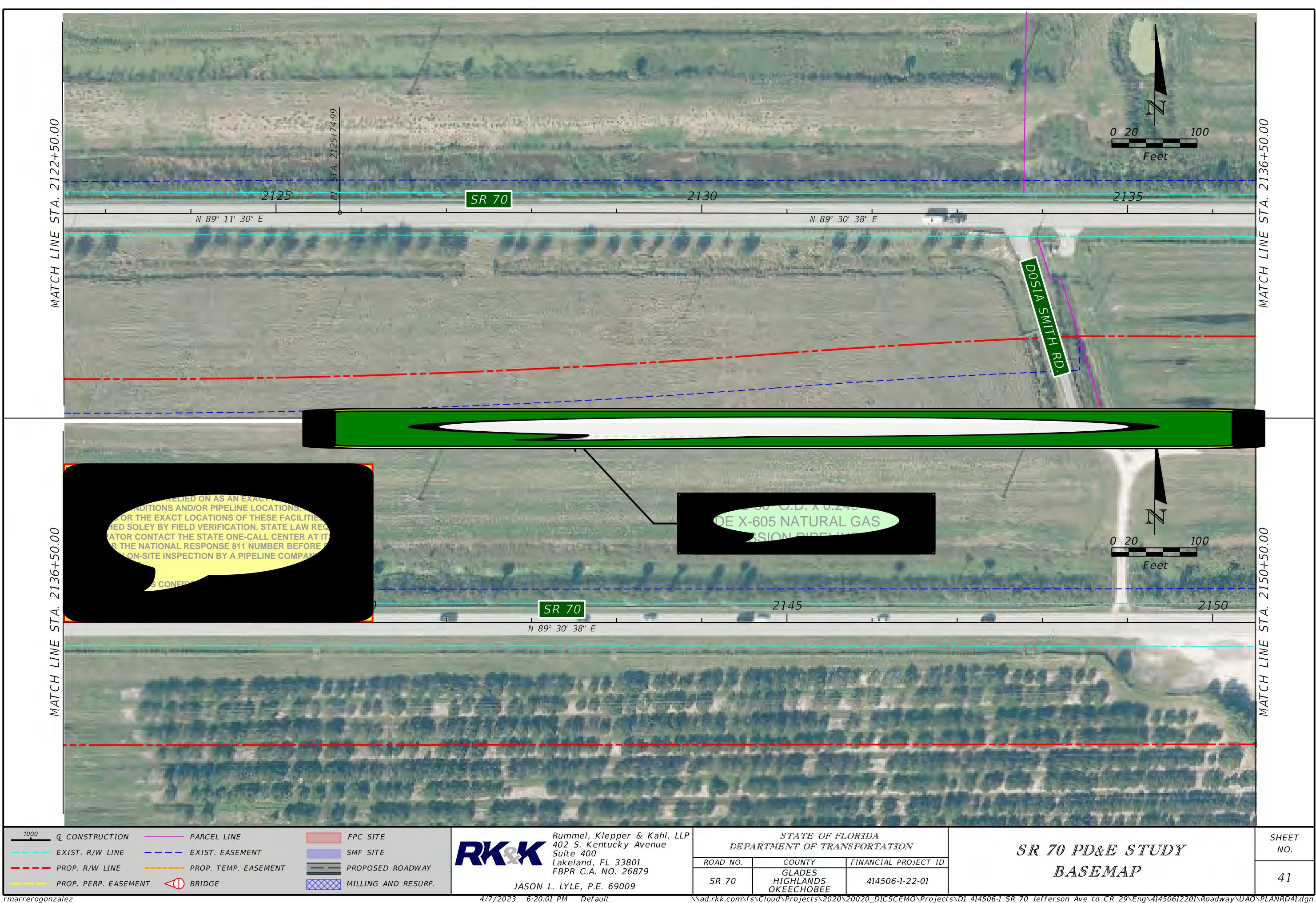
PROPOSED PERP. EASEMENT

BRIDGE

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— PARCEL LINE
— EXIST. EASEMENT
— PROP. TEMP. EASEMENT
ENT  BRIDGE

R

The logo for Rummel, Klepper & Koenig (RK&K) features the letters 'RK&K' in a bold, blue, sans-serif font. The ampersand is stylized with a small 'K' inside it. To the left of the letters, there is a large, dark blue 'R' that overlaps the 'K'.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

*SR 70 PD&E STUDY
BASEMAP*

SHEET
NO.

42



1000	CONSTRUCTION	PARCEL LINE	FPC SITE
---	EXIST. R/W LINE	---	SMF SITE
- - -	EXIST. EASEMENT	- - -	PROPOSED ROADWAY
- - -	PROP. R/W LINE	- - -	MILLING AND RESURF.
---	PROP. TEMP. EASEMENT	---	BRIDGE
---	PROP. PERP. EASEMENT	---	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 70	GLADES HIGHLANDS OKEECHOBEE	414506-1-22-01

SR 70 PD&E STUDY
BASEMAP

SHEET
NO.
43



1000	CONSTRUCTION	PARCEL LINE	FPC SITE
-----	EXIST. R/W LINE	-----	SMF SITE
-----	EXIST. EASEMENT	-----	PROPOSED ROADWAY
-----	PROP. R/W LINE	-----	MILLING AND RESURF.
-----	PROP. TEMP. EASEMENT	-----	
-----	PROP. PERP. EASEMENT	-----	
	BRIDGE		

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ROAD NO. COUNTY FINANCIAL PROJECT ID
SR 70 GLADES 414506-1-22-01
HIGHLANDS
OKEECHOBEE

SR 70 PD&E STUDY
BASEMAP

SHEET
NO.
44



1000	CONSTRUCTION	PARCEL LINE	FPC SITE
-----	EXIST. R/W LINE	-----	SMF SITE
-----	EXIST. EASEMENT	-----	PROPOSED ROADWAY
-----	PROP. R/W LINE	-----	MILLING AND RESURF.
-----	PROP. TEMP. EASEMENT	-----	
-----	PROP. PERP. EASEMENT	-----	
	BRIDGE		

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FBPR C.A. NO. 26879
JASON L. LYLE, P.E. 69009

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. COUNTY FINANCIAL PROJECT ID
SR 70 GLADES 414506-1-22-01
HIGHLANDS
OKEECHOBEE

SR 70 PD&E STUDY
BASEMAP

SHEET
NO.
45



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 6TG15-23-004, F.A.C.

The legend is located at the top of the map. It includes the following entries:

- CONSTRUCTION**: Represented by a black line with a scale bar of 1000 units.
- PARCEL LINE**: Represented by a magenta line.
- FPC SITE**: Represented by a red shaded area.
- EXIST. R/W LINE**: Represented by a cyan dashed line.
- EXIST. EASEMENT**: Represented by a blue dashed line.
- SMF SITE**: Represented by a purple shaded area.
- PROP. R/W LINE**: Represented by a red dashed line.
- PROP. TEMP. EASEMENT**: Represented by an orange dashed line.
- PROPOSED ROADWAY**: Represented by a black double line.
- PROP. PERP. EASEMENT**: Represented by a yellow dashed line.
- BRIDGE**: Represented by a red circle with a white center.
- MILLING AND RESURFACING**: Represented by a blue hatched area.

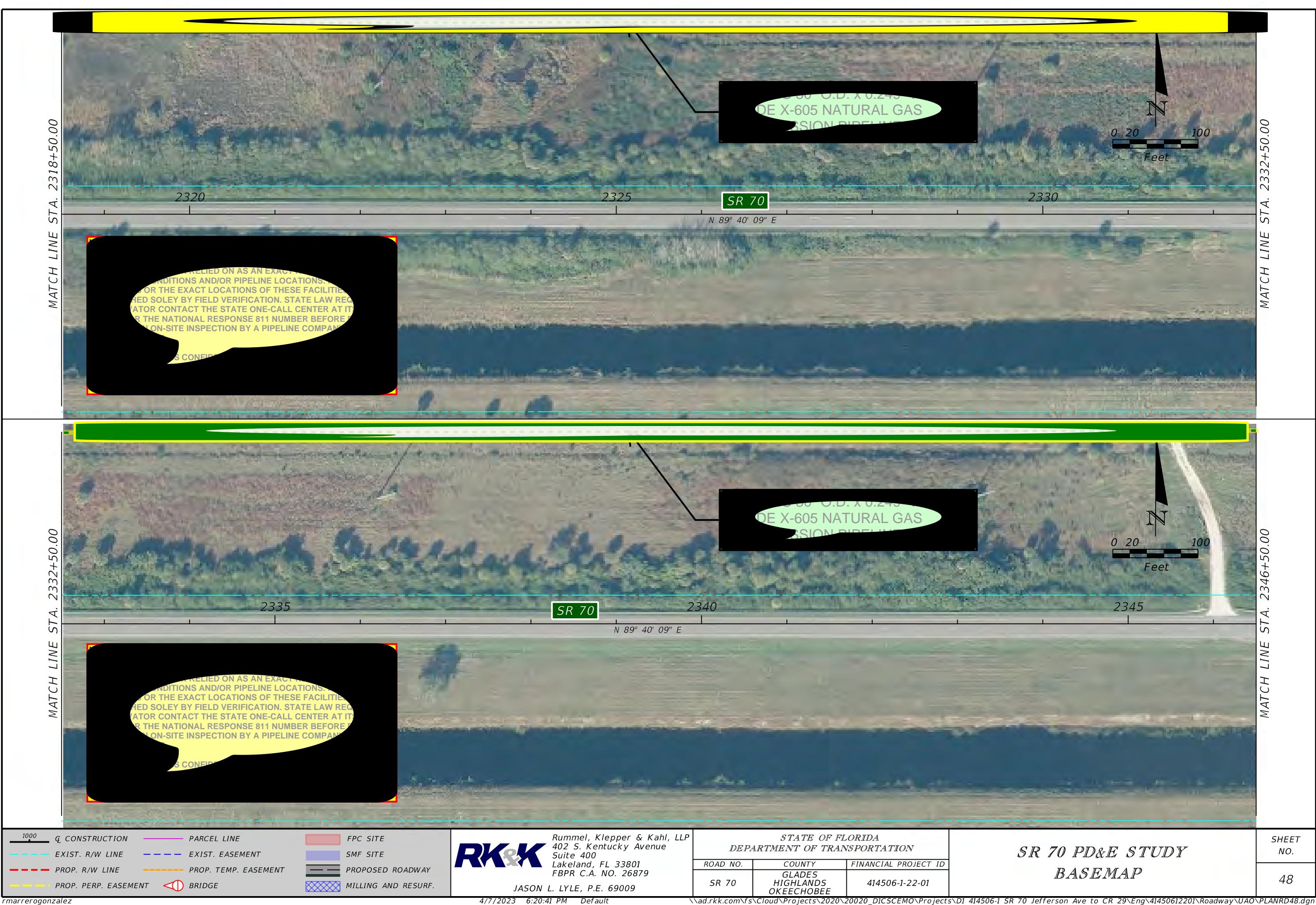
RK&K Rummel, Klepper & Kahl,
402 S. Kentucky Avenue
Suite 400
Lakeland, FL 33801
FBPR C.A. NO. 26879

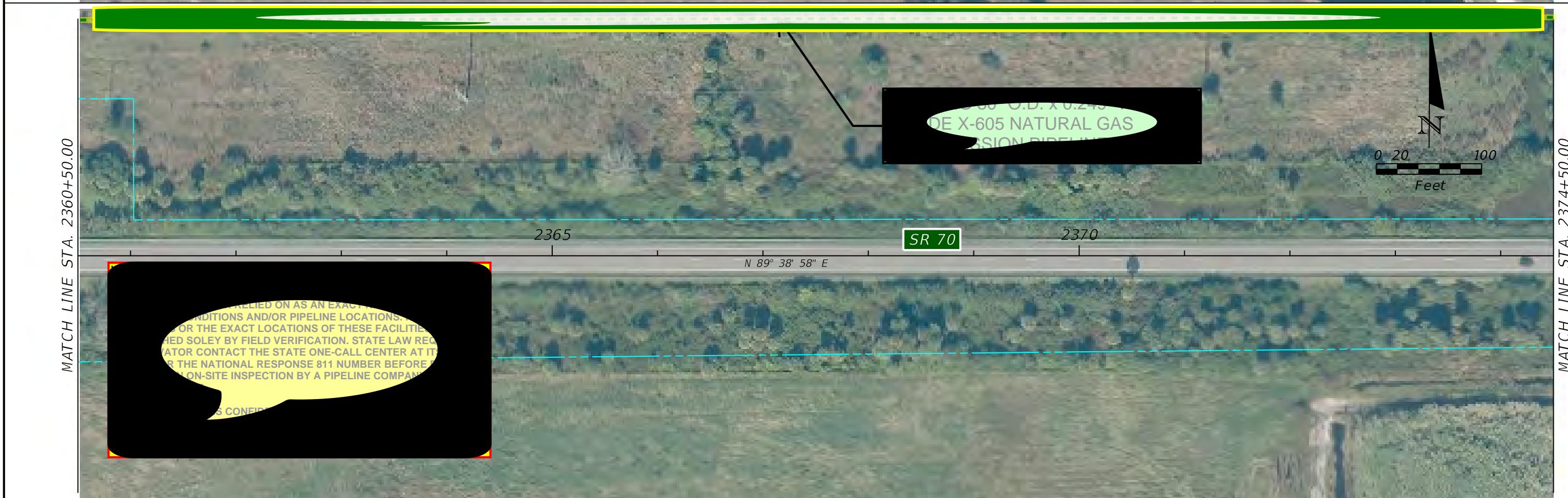
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

*SR 70 PD&E STUDY
BASEMAP*

SHEET
NO.







THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

The legend is located at the top of the map, below the title. It contains eight entries, each with a colored line segment followed by a label. The entries are: '1000' with a black line segment, 'Q CONSTRUCTION' with a green line segment, 'EXIST. R/W LINE' with a cyan line segment, 'PROP. R/W LINE' with a red line segment, 'PARCEL LINE' with a magenta line segment, 'EXIST. EASEMENT' with a blue dashed line segment, 'PROP. TEMP. EASEMENT' with an orange dashed line segment, and 'PROP. PERP. EASEMENT' with a yellow dashed line segment. To the right of the legend, there are four colored boxes with labels: a pink box for 'FPC SITE', a light blue box for 'SMF SITE', a black box with a diagonal line for 'PROPOSED ROADWAY', and a blue box with a diagonal cross for 'MILLING AND RESURFACING'.

RK&B

11

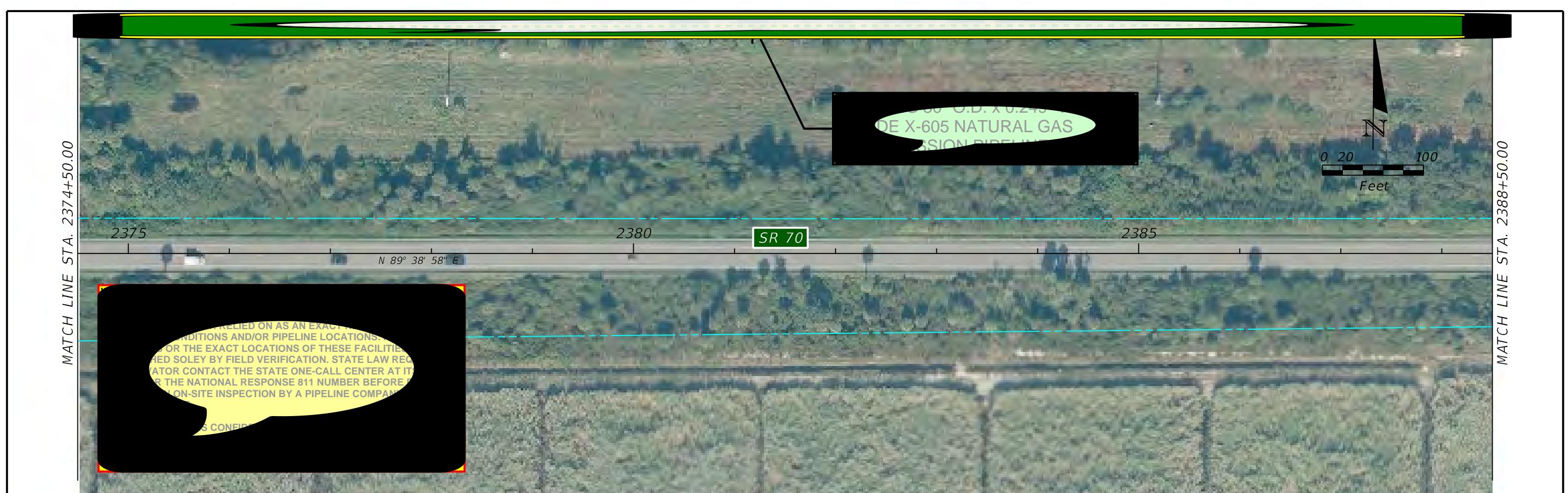
**Rummel, Klepper & Kahl,
402 S. Kentucky Avenue
Suite 400
Lakeland, FL 33801
FBPR C.A. NO. 26879**

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

*SR 70 PD&E STUDY
BASEMAP*

SHEET
NO.

49



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-.004, F.A.C.

Legend for map symbols and line types:

- 1000
- CONSTRUCTION
- PARCEL LINE
- FPC SITE
- EXIST. R/W LINE
- EXIST. EASEMENT
- SMF SITE
- PROP. R/W LINE
- PROP. TEMP. EASEMENT
- PROPOSED ROADWAY
- PROP. PERP. EASEMENT
- BRIDGE
- MILLING AND RESURF.

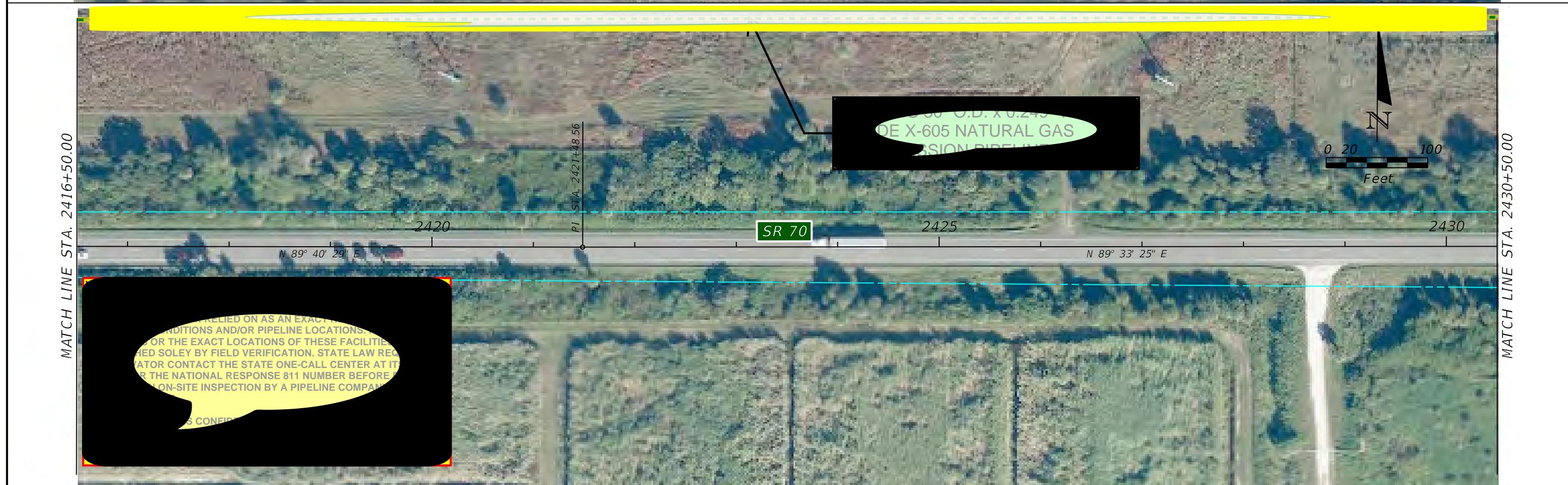
RK & K Rummel, Klepper & Kahl,
402 S. Kentucky Avenue
Suite 400
Lakeland, FL 33801
FBPR C.A. NO. 26879

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

*SR 70 PD&E STUDY
BASEMAP*

SHEET
NO.

50



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-.004, F.A.C.

The legend includes the following entries:

- 1000: Scale bar
- CONSTRUCTION: Black outline
- PARCEL LINE: Magenta line
- FPC SITE: Red shaded area
- EXIST. R/W LINE: Cyan dashed line
- EXIST. EASEMENT: Blue dashed line
- SMF SITE: Purple shaded area
- PROP. R/W LINE: Red dashed line
- PROP. TEMP. EASEMENT: Orange dashed line
- PROPOSED ROADWAY: Black dashed line
- PROP. PERP. EASEMENT: Yellow dashed line
- BRIDGE: Red circle with a white outline and a diagonal line
- MILLING AND RESURFACING: Blue hatched area

The logo for Rummel, Klepper & Kahl, featuring the letters 'RK&K' in a large, bold, blue font with a stylized ampersand. To the right of the logo is the firm's name and address in a smaller, black, serif font.

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

*SR 70 PD&E STUDY
BASEMAP*

*SHEET
NO.*

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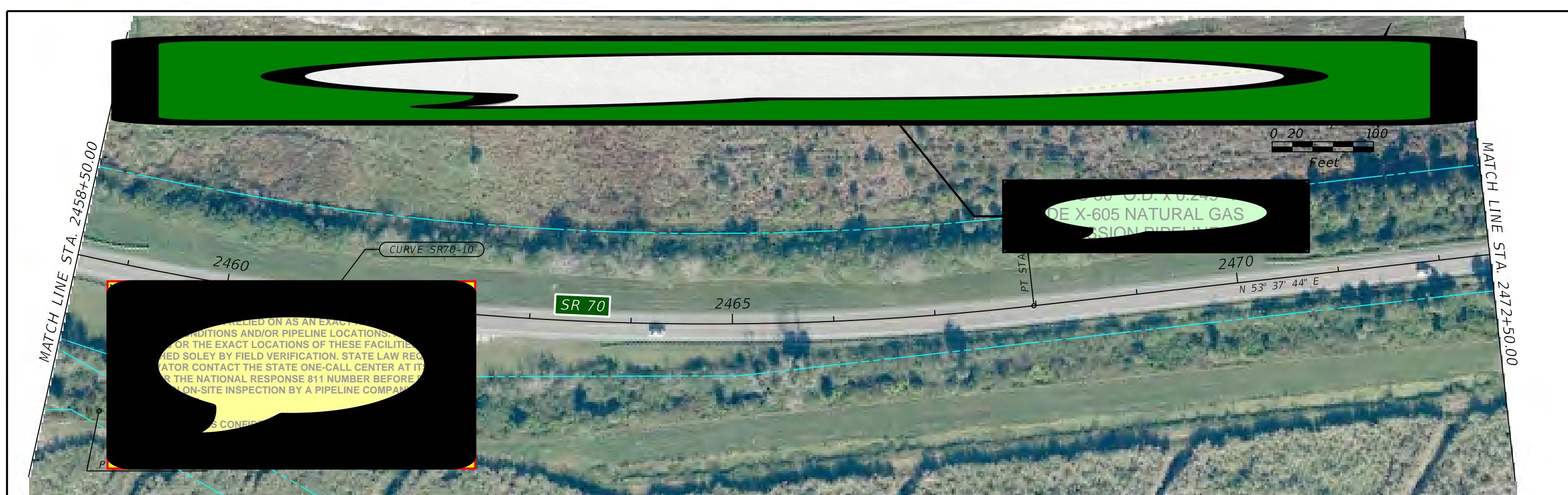
1000	CONSTRUCTION	PARCEL LINE	FPC SITE
---	EXIST. R/W LINE	---	SMF SITE
-	EXIST. EASEMENT	-	PROPOSED ROADWAY
-	PROP. R/W LINE	-	MILLING AND RESURF.
---	PROP. TEMP. EASEMENT	---	BRIDGE
---	PROP. PERP. EASEMENT	---	

RK&K Rummel, Klepper & Kahl, LLP
402 S. Kentucky Avenue
Suite 400
Lakeland, FL 33801
FBPR C.A. NO. 26879
JASON L. LYLE, P.E. 69009

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. COUNTY FINANCIAL PROJECT ID
SR 70 GLADES HIGHLANDS 414506-1-22-01
HIGHLANDS OKEECHOBEE

SR 70 PD&E STUDY
BASEMAP

SHEET NO.
52



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-.004, F.A.C.

The legend is located at the top of the map. It includes the following entries:

- 1000** (Scale bar)
- CONSTRUCTION** (Black line)
- PARCEL LINE** (Pink line)
- FPC SITE** (Red shaded area)
- EXIST. R/W LINE** (Cyan dashed line)
- EXIST. EASEMENT** (Blue dashed line)
- SMF SITE** (Purple shaded area)
- PROP. R/W LINE** (Red dashed line)
- PROP. TEMP. EASEMENT** (Yellow dashed line)
- PROPOSED ROADWAY** (Black dashed line)
- PROP. PERP. EASEMENT** (Yellow dashed line)
- BRIDGE** (Red circle with a bridge icon)
- MILLING AND RESURF.** (Blue hatched area)

10

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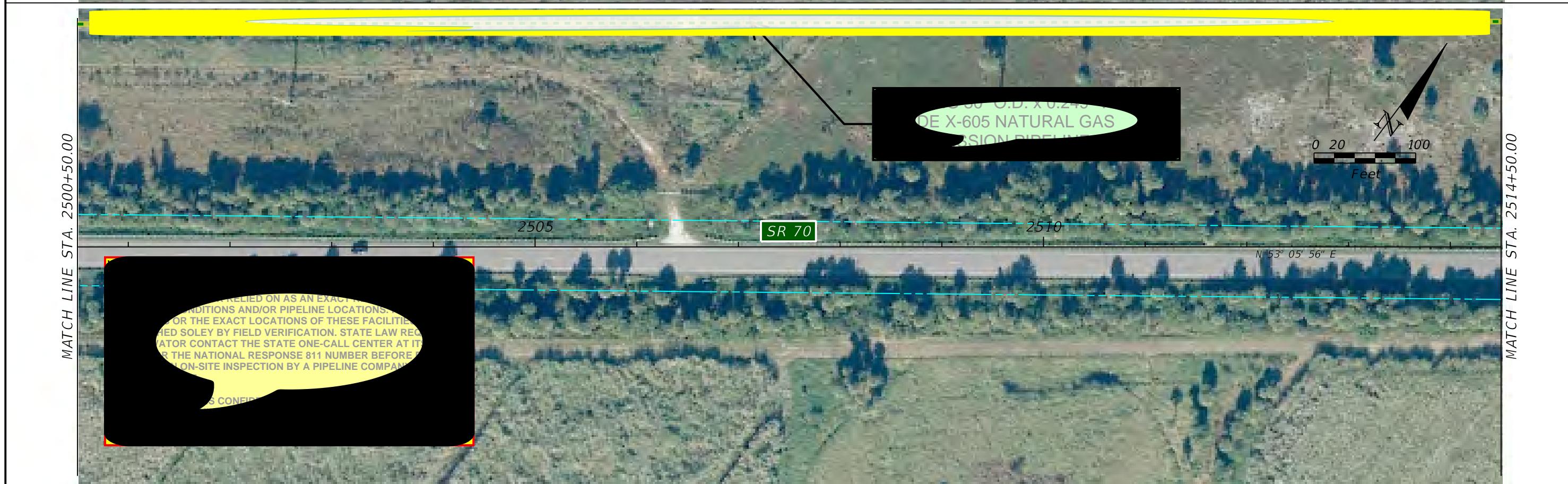
Rummel, Klepper & Kassner
402 S. Kentucky Avenue
Suite 400
Lakeland, FL 33801
FBP C.A. NO. 26879

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

*SR 70 PD&E STUDY
BASEMAP*

SHEET
NO.

53



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-.004, F.A.C.

The legend includes the following entries:

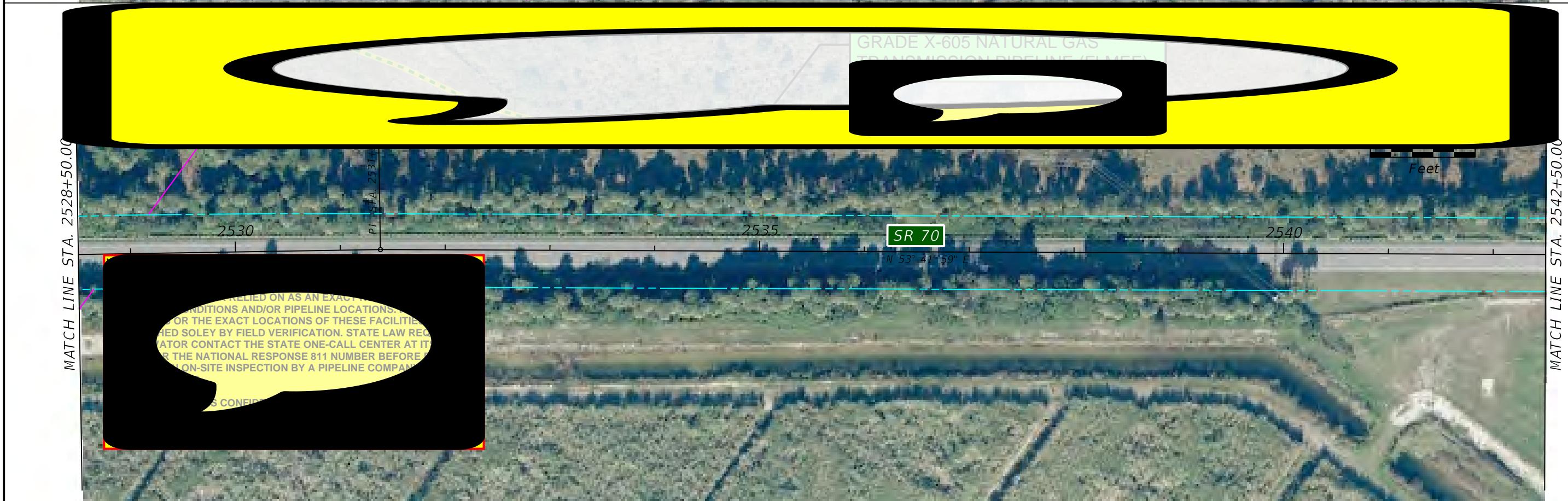
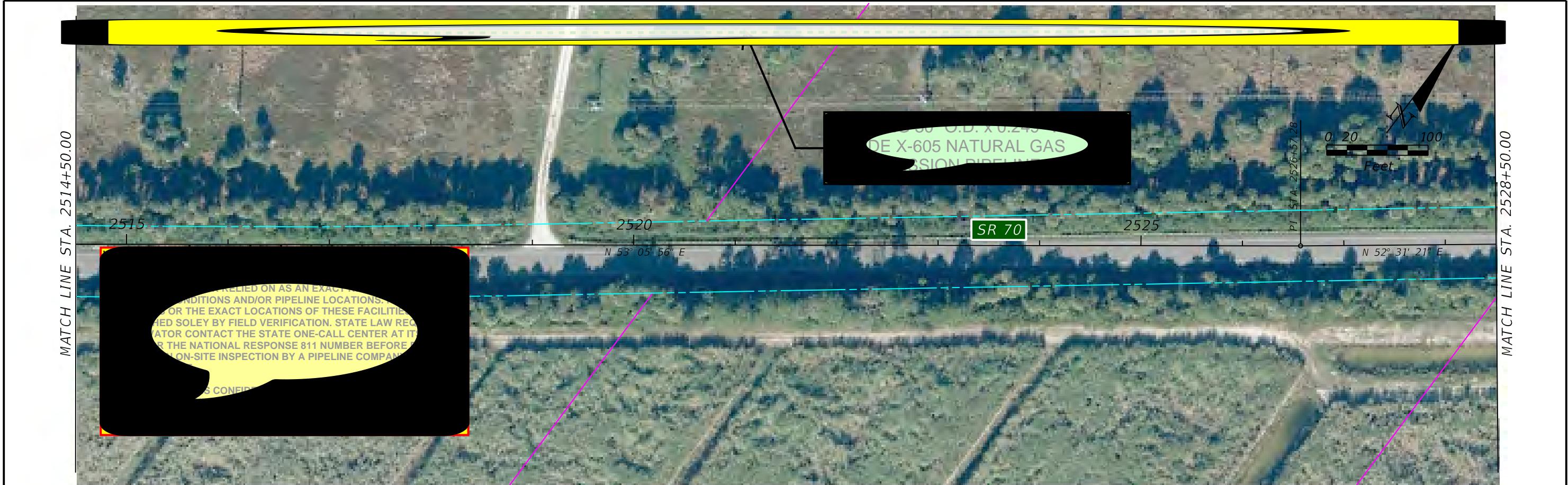
- CONSTRUCTION**: Represented by a black line with a scale bar of 1000 units.
- PARCEL LINE**: Represented by a pink line.
- FPC SITE**: Represented by a red shaded area.
- EXIST. R/W LINE**: Represented by a cyan dashed line.
- EXIST. EASEMENT**: Represented by a blue dashed line.
- SMF SITE**: Represented by a purple shaded area.
- PROP. R/W LINE**: Represented by a red dashed line.
- PROP. TEMP. EASEMENT**: Represented by an orange dashed line.
- PROPOSED ROADWAY**: Represented by a black hatched area.
- PROP. PERP. EASEMENT**: Represented by a yellow dashed line.
- BRIDGE**: Represented by a red icon with a bridge symbol.
- MILLING AND RESURF.**: Represented by a blue hatched area.

The logo for Rummel, Klepper & Koenig (RK&K) features a stylized 'RK' in a bold, blue, sans-serif font. A smaller, lighter blue ampersand symbol is positioned between the 'K' and the word 'Koenig'. To the right of the logo, the company name 'Rummel, Klepper & Koenig' is written in a smaller, black, serif font, followed by the address '402 S. Kentucky Avenue', 'Suite 400', 'Lakeland, FL 33801', and 'FBPR C.A. NO. 26879'.

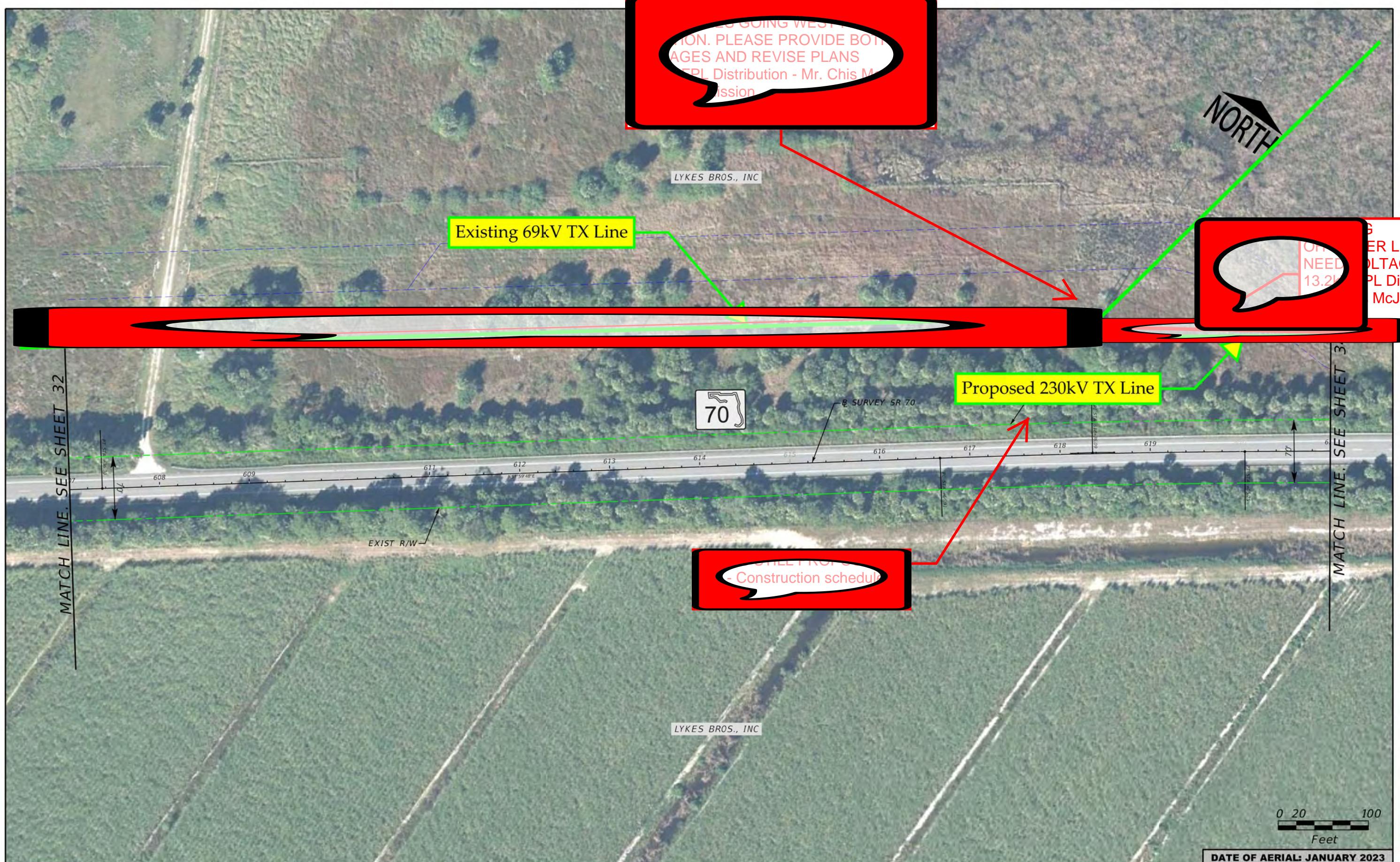
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

*SR 70 PD&E STUDY
BASEMAP*

SHEET
NO.







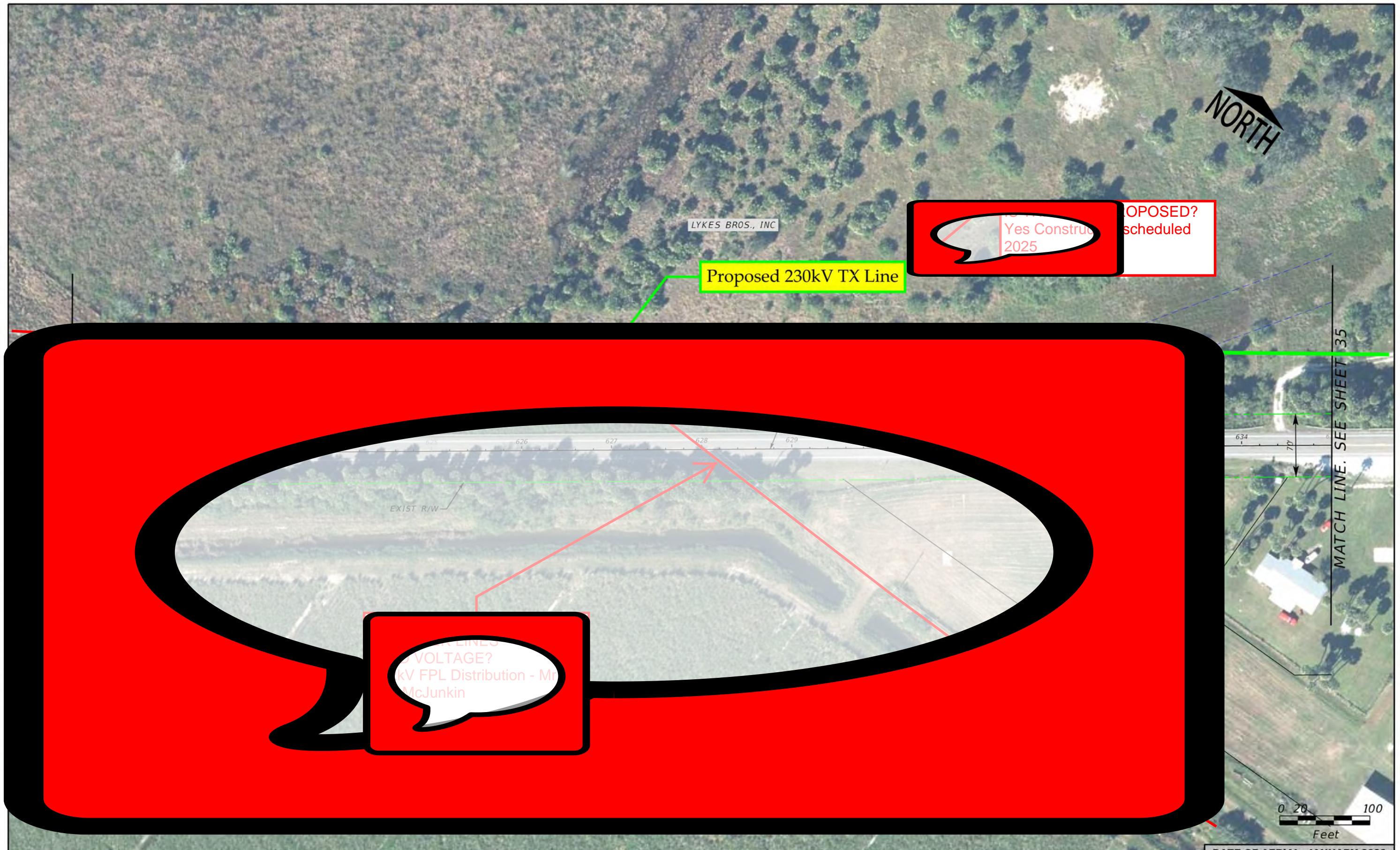
LEGEND	
	PROPERTY LINE
	EXISTING ROW
	PROPOSED ROW
	EXISTING EASEMENT

**American Consulting
Professionals, LLC**
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**
WPI SEGMENT No: 449851-1

**SHEET
NO.**
33

DATE OF AERIAL: JANUARY 2023


LEGEND

- WETLANDS BOUNDARY
- OTHER SURFACE WATERS BOUNDARY
- FLOODPLAINS AREA

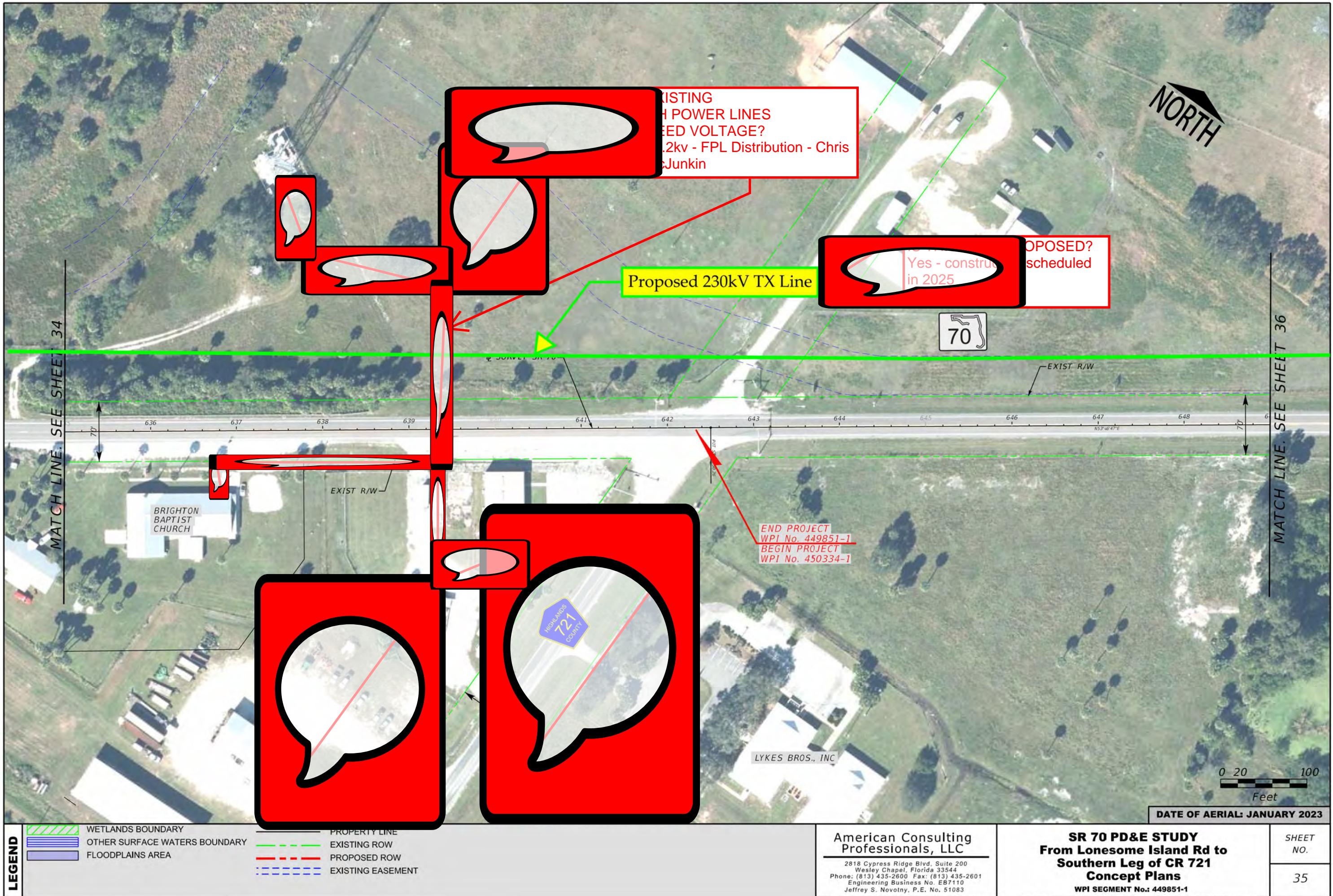
- PROPERTY LINE
- EXISTING ROW
- PROPOSED ROW
- EXISTING EASEMENT

American Consulting Professionals, LLC
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans
WPI SEGMENT No: 449851-1

SHEET NO.
34

DATE OF AERIAL: JANUARY 2023



CONTRACT PLANS COMPONENTS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND
ENVIRONMENT STUDY
CONCEPT PLANS

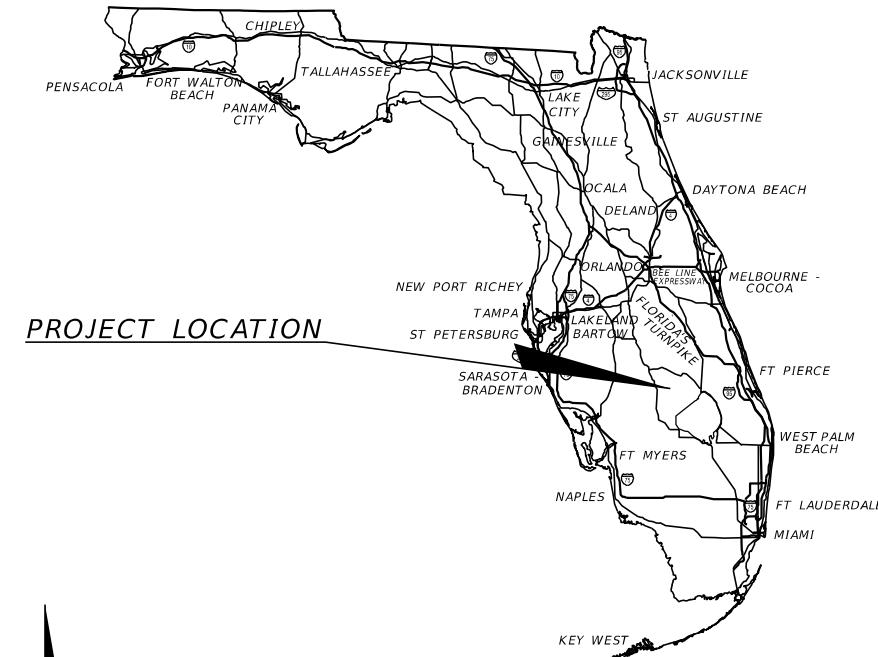
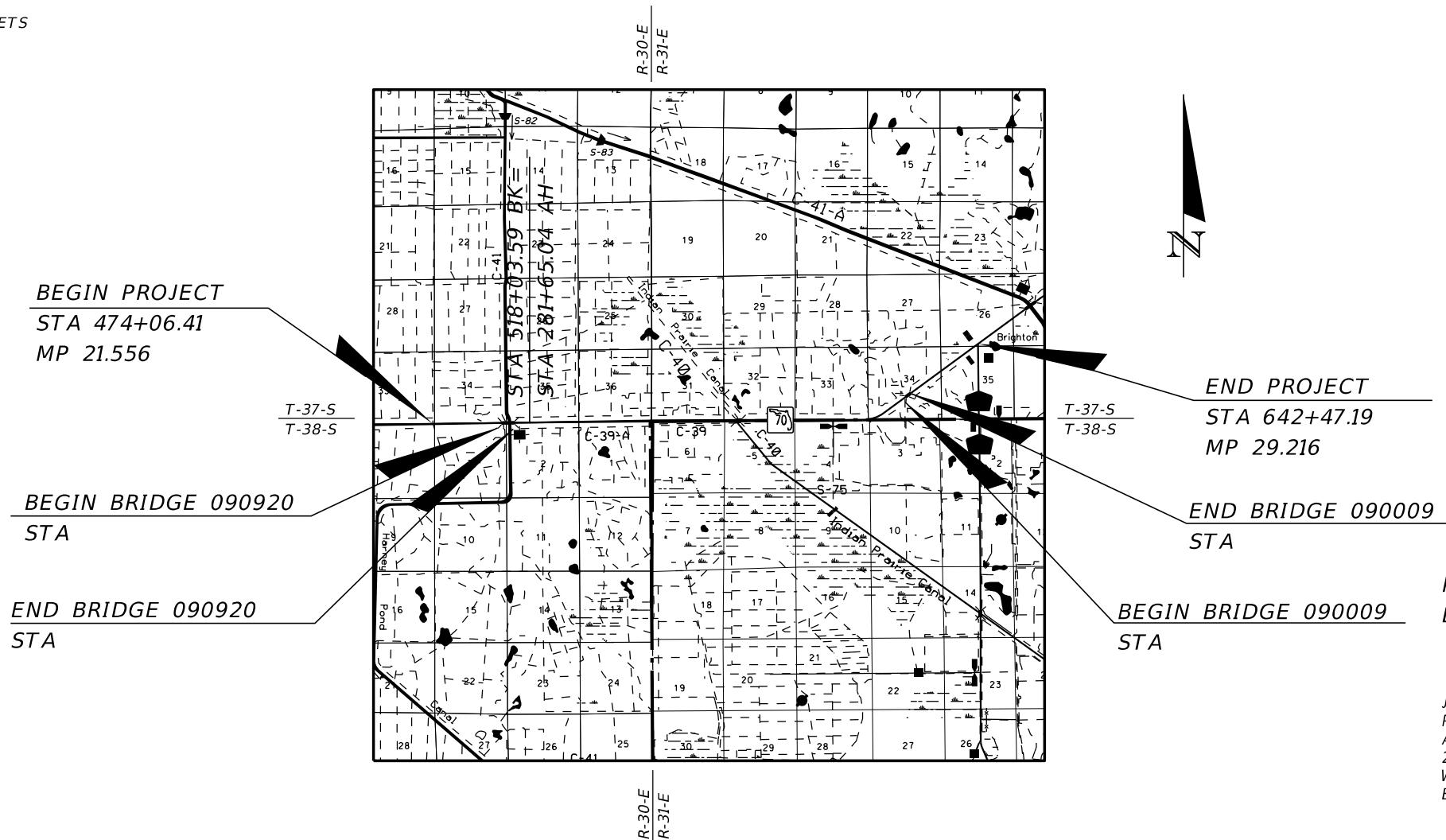
A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 3	PROJECT LAYOUT SHEETS
4 - 37	CONCEPT PLAN SHEETS

FINANCIAL PROJECT ID 449851-1-22-01
HIGHLANDS COUNTY (9)

STATE ROAD NO. 70



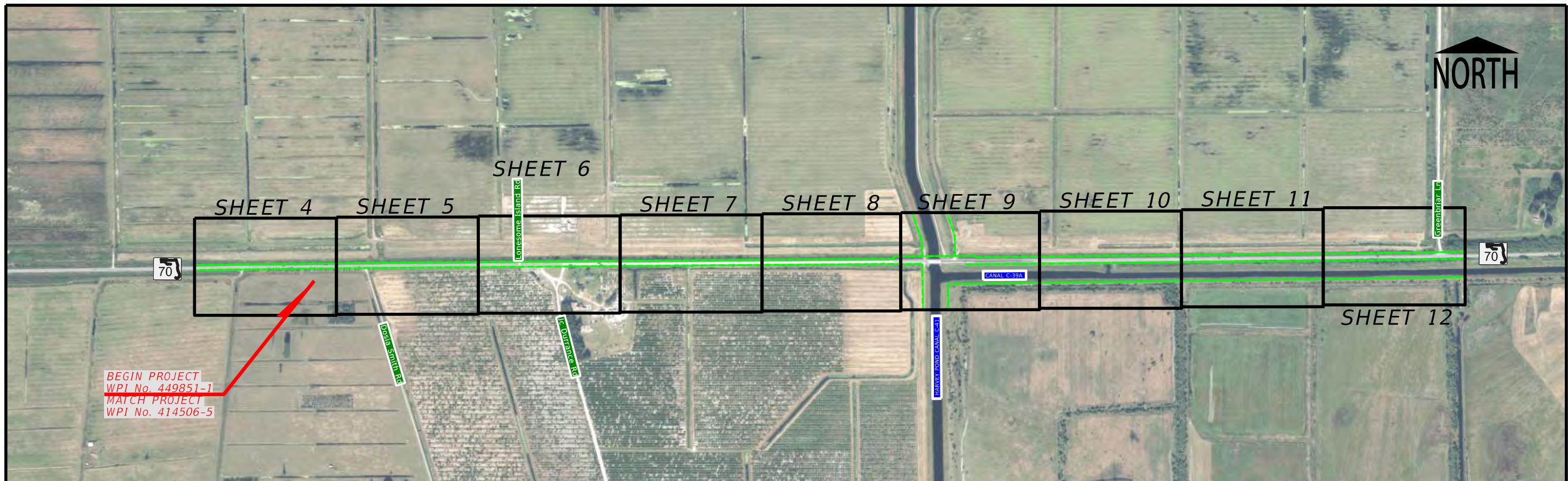
ROADWAY PLANS
ENGINEER OF RECORD:

JEFFREY S. NOVOTNY, P.E., AICP, RSP1
P.E. LICENSE NUMBER 51083
AMERICAN CONSULTING PROFESSIONALS, LLC
2818 CYPRESS RIDGE BLVD, SUITE 200
WESLEY CHAPEL, FLORIDA 33544
ENGINEERING BUSINESS No. EB7110

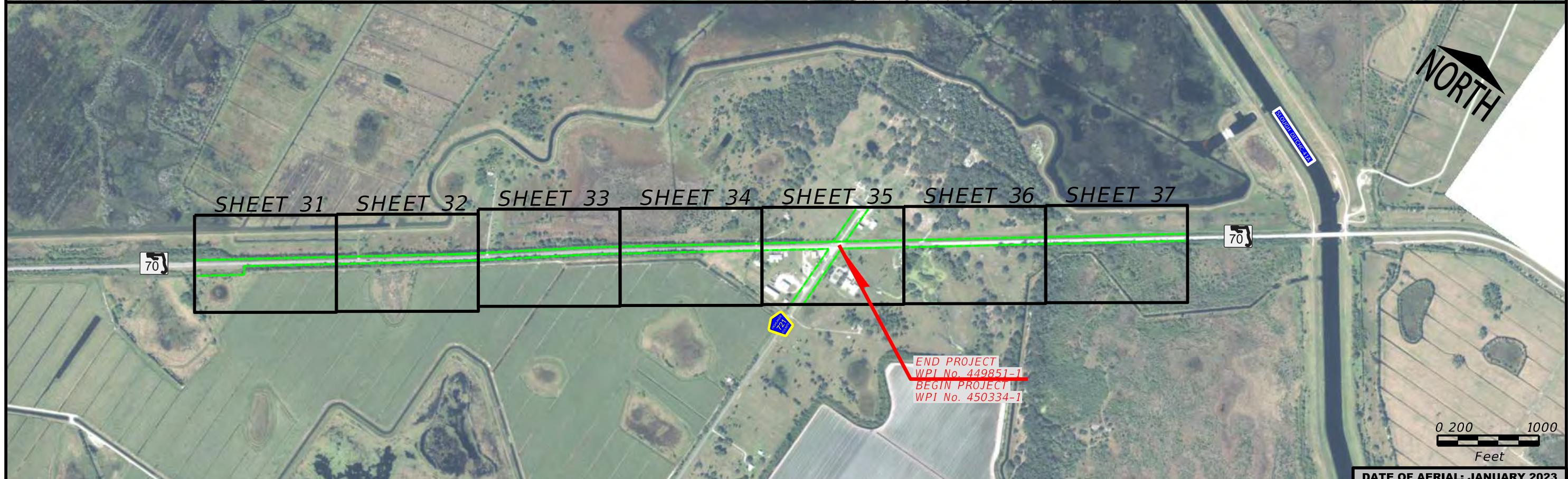
FDOT PROJECT MANAGER:

David C. Turley, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		SR 70



LEGEND	PLAN SHEET BOUNDARY	American Consulting Professionals, LLC	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	SR 70 PD&E STUDY From Lonesome Island Rd to Southern Leg of CR 721 Concept Plans WPI SEGMENT No. 449851-1	SHEET NO.
<p>EASEMENT LINE EXISTING ROW</p> <p>STORMWATER MANAGEMENT FACILITY/FLOODPLAIN COMPENSATION SITE SHEET BOUNDARY</p>		<p>2818 Cypress Ridge Blvd, Suite 200 Weston Chapel, Florida 33346 Phone: (813) 435-2600 Fax: (813) 435-2601 Engineering Business No. EB7110 Jeffrey S. Novotny, P.E. No. 51083</p>	<p>ROAD NO. SR 70 COUNTY HIGHLANDS FINANCIAL PROJECT ID 449851-1-22-01</p>	<p>5devorm 6/27/2023 10:31:17 AM C:\pw\work\american-pw-01\0068\133\PLAYE\01.dgn</p>	2



LEGEND

EASEMENT LINE
EXISTING ROW

PLAN SHEET BOUNDARY
STORMWATER MANAGEMENT
FACILITY/FLOODPLAIN
COMPENSATION SITE
SHEET BOUNDARY

American Consulting
Professionals, LLC

2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33543
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

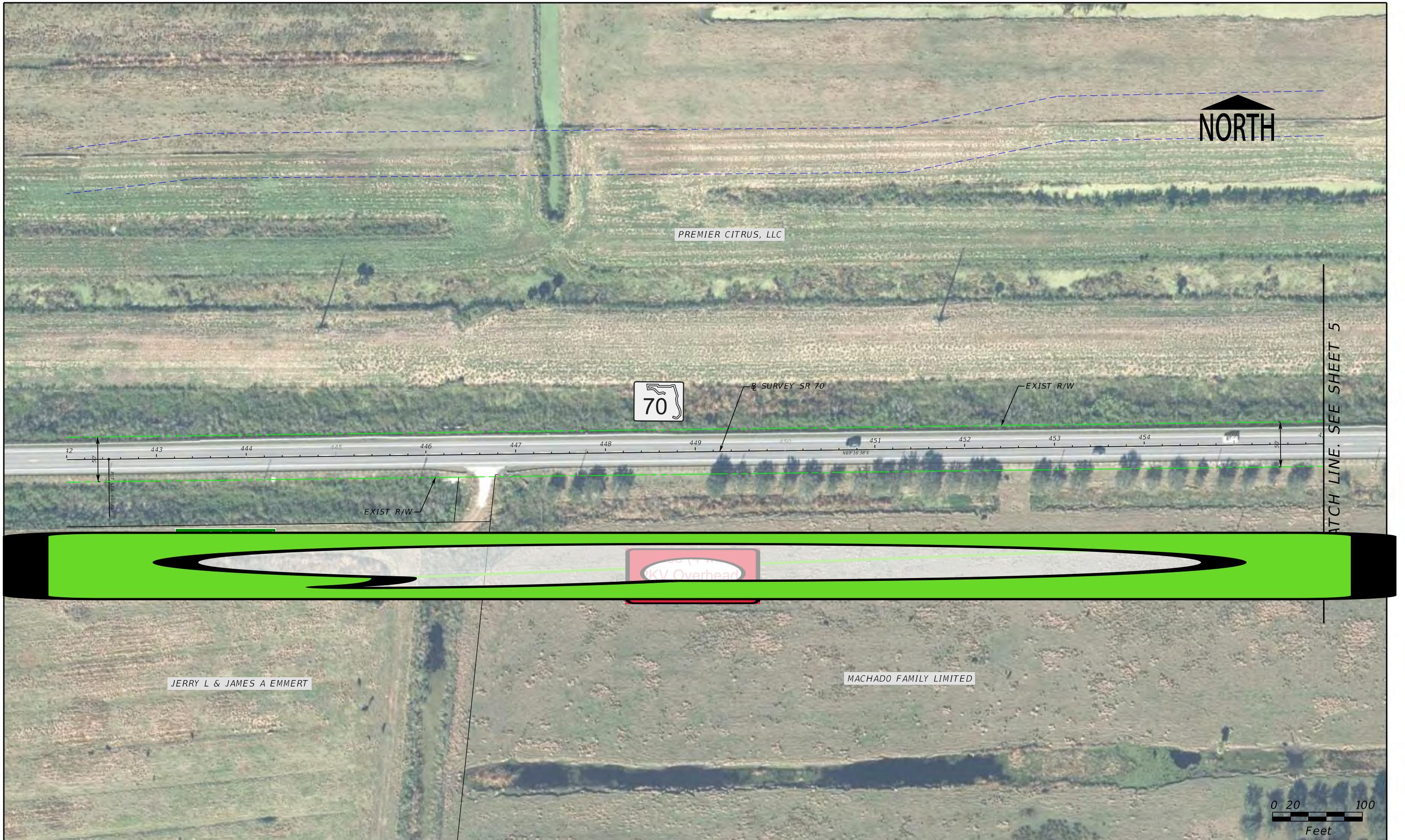
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 70	HIGHLANDS	449851-1-22-01

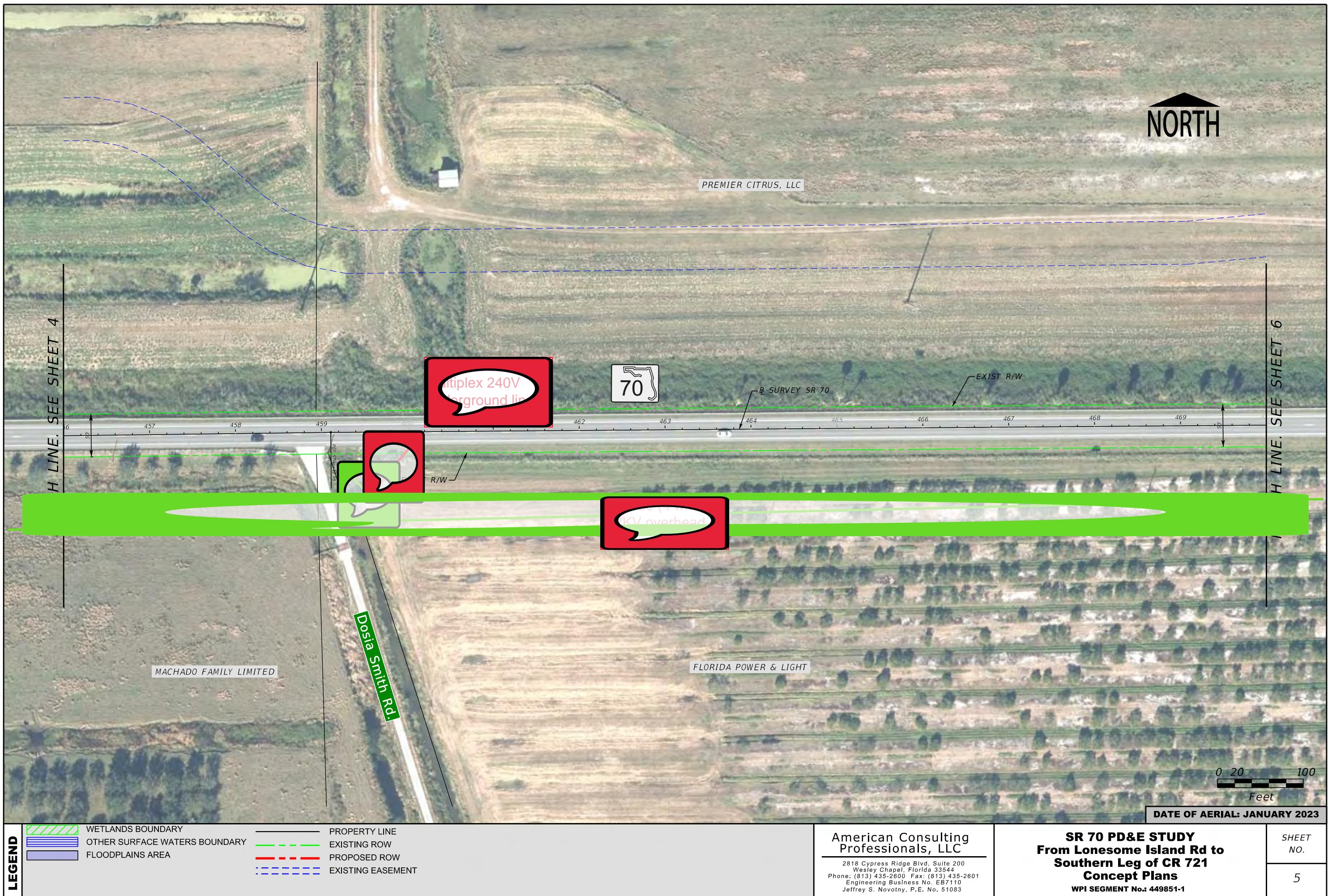
SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans
WPI SEGMENT No.: 449851-1

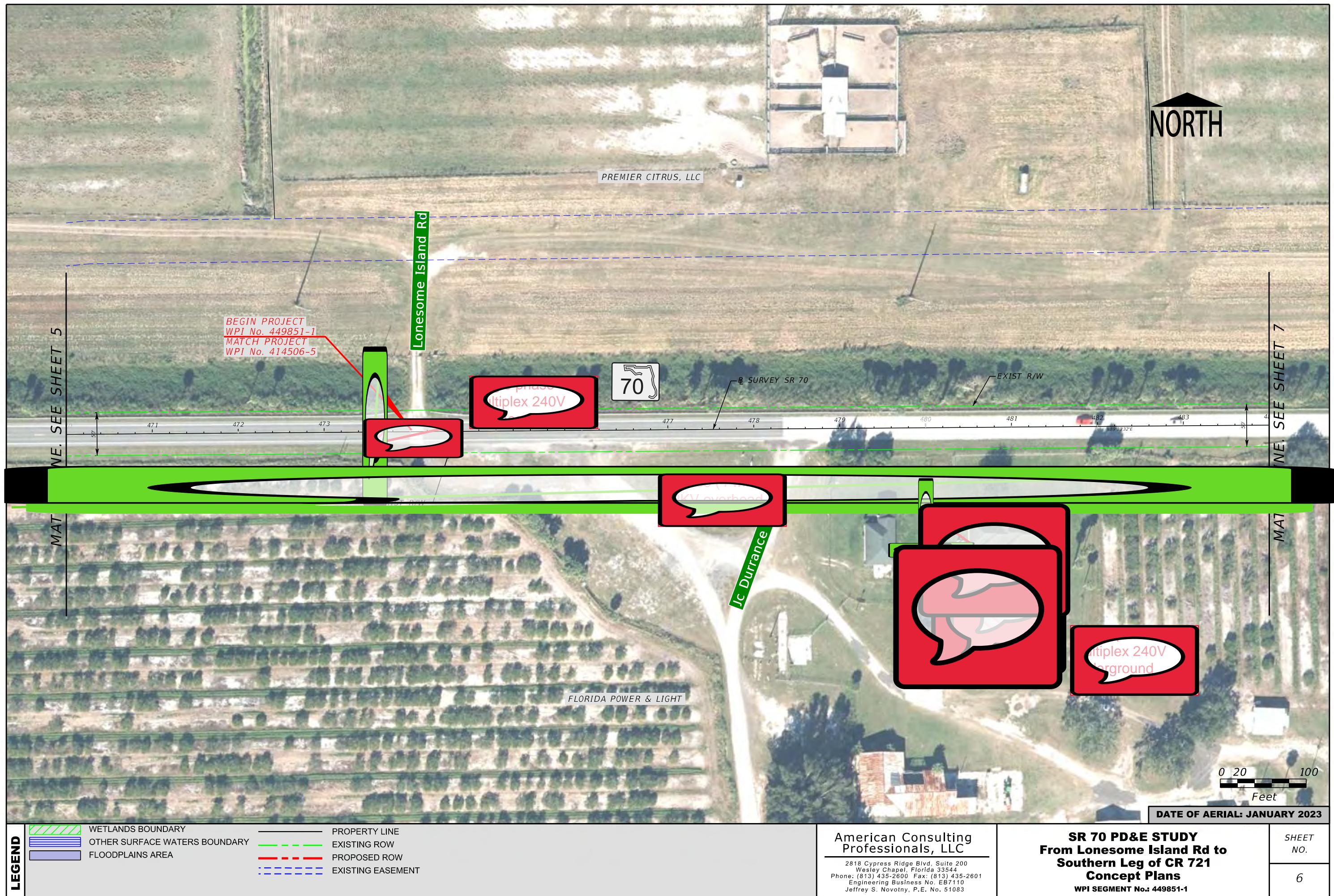
SHEET
NO.

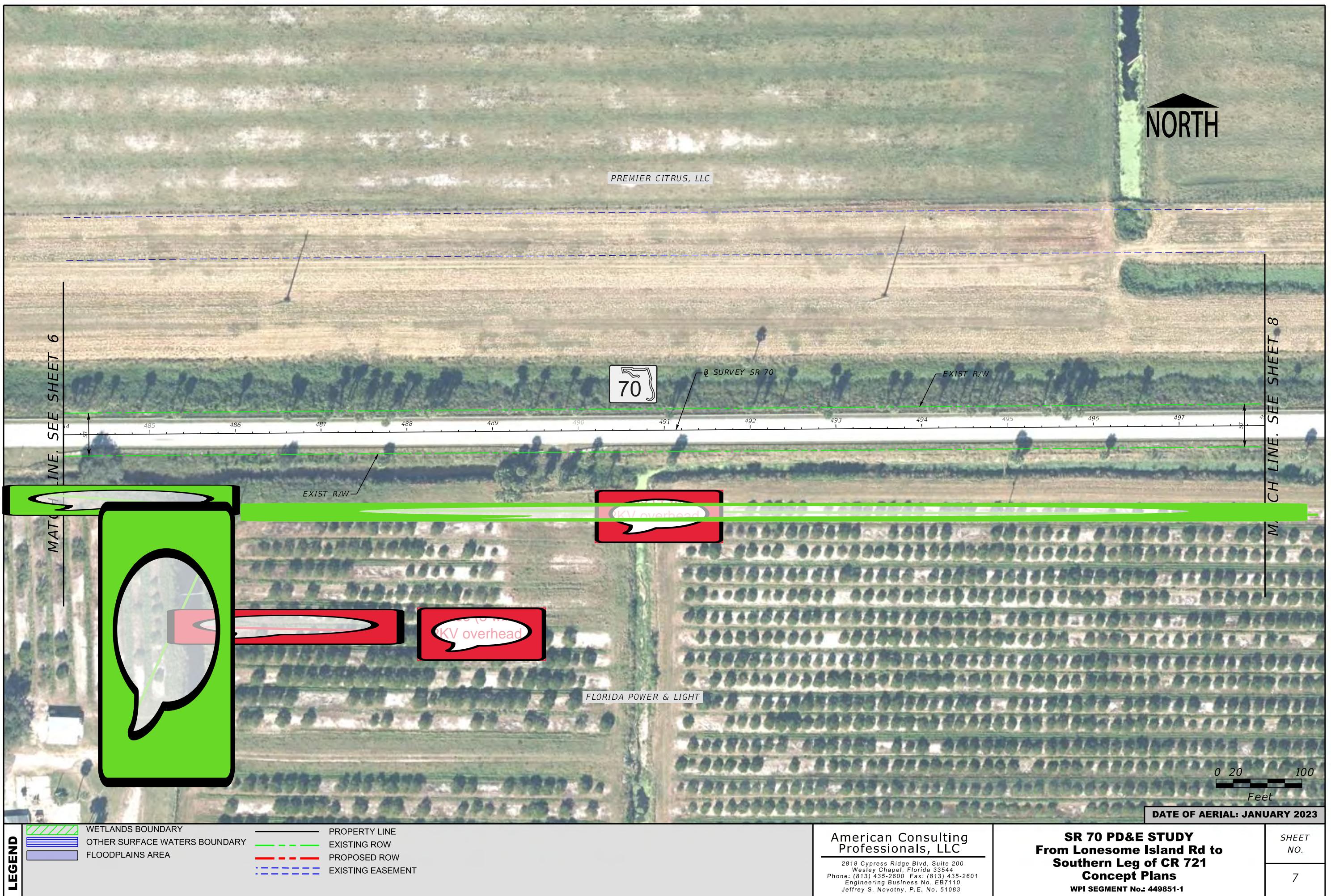
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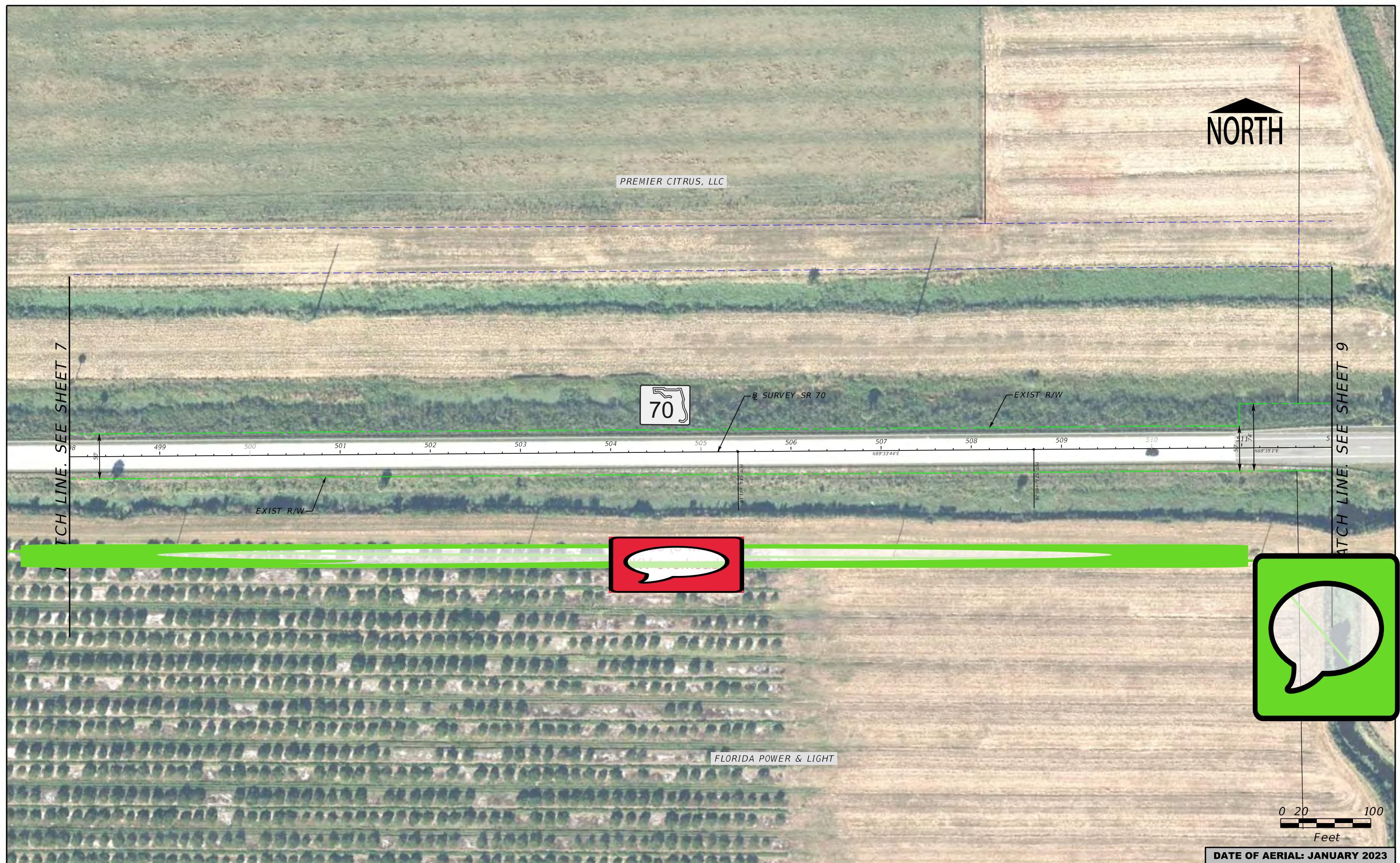


LEGEND						DATE OF AERIAL: JANUARY 2023		
      	WETLANDS BOUNDARY		PROPERTY LINE		American Consulting Professionals, LLC		SR 70 PD&E STUDY From Lonesome Island Rd to Southern Leg of CR 721 Concept Plans WPI SEGMENT No.: 449851-1	
	OTHER SURFACE WATERS BOUNDARY		EXISTING ROW		2818 Cypress Ridge Blvd, Suite 200 Wesley Chapel, Florida 33544 Phone: (813) 435-2600, Fax: (813) 435-2601 Engineering Business No. EB7110 Jeffrey S. Novotny, P.E. No. 51083		SHEET NO. 4	
	FLOODPLAINS AREA		PROPOSED ROW					
			EXISTING EASEMENT					



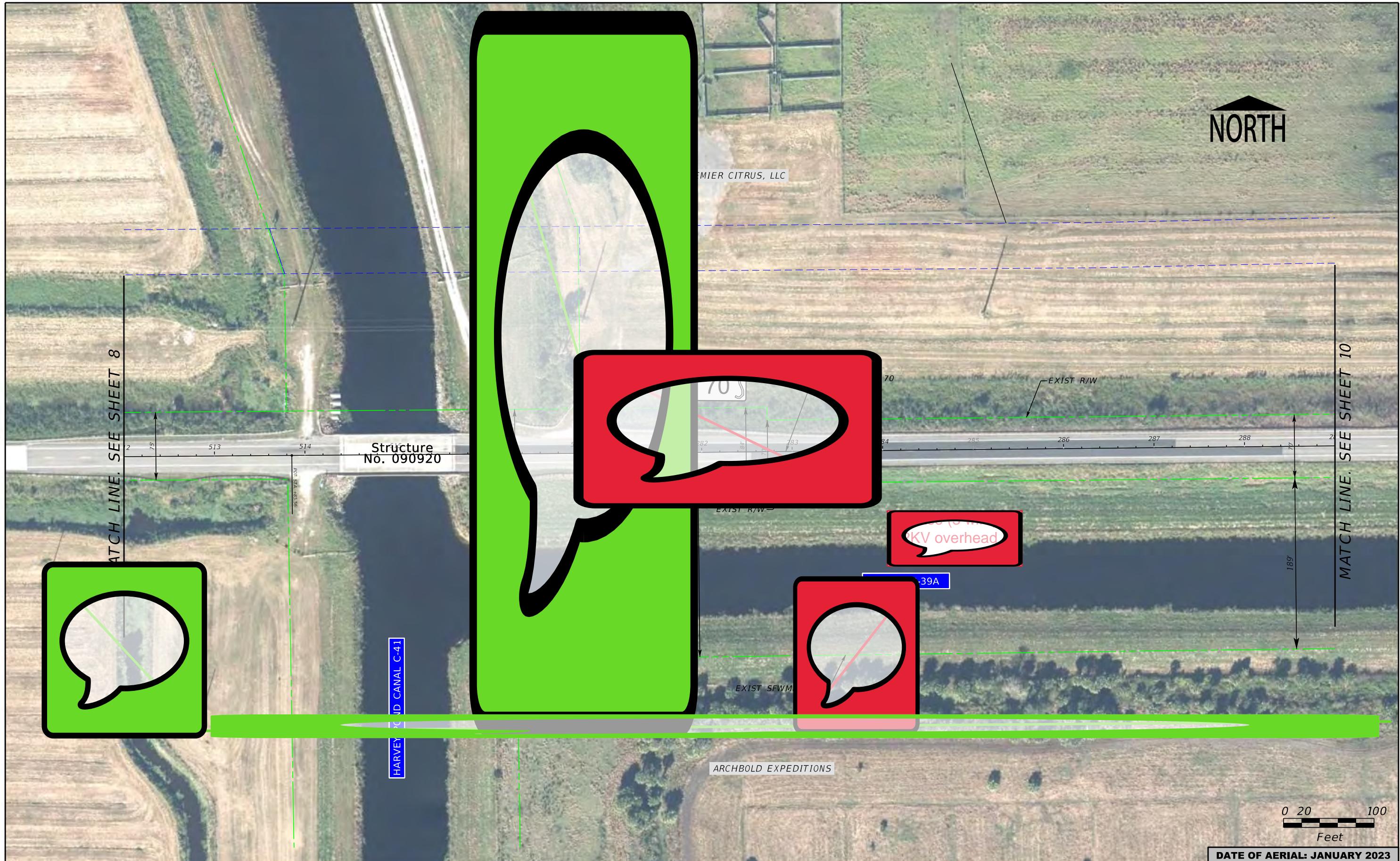




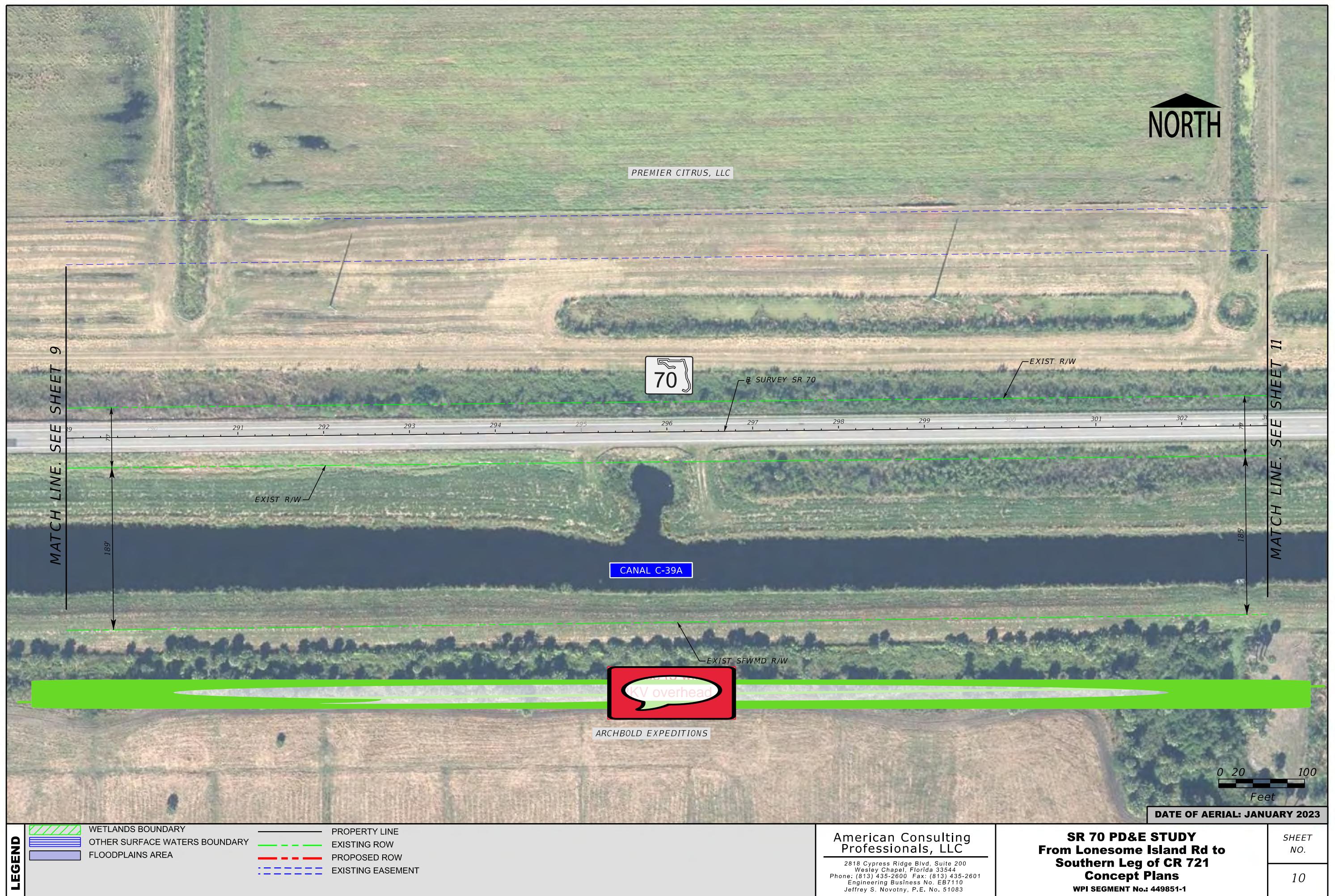


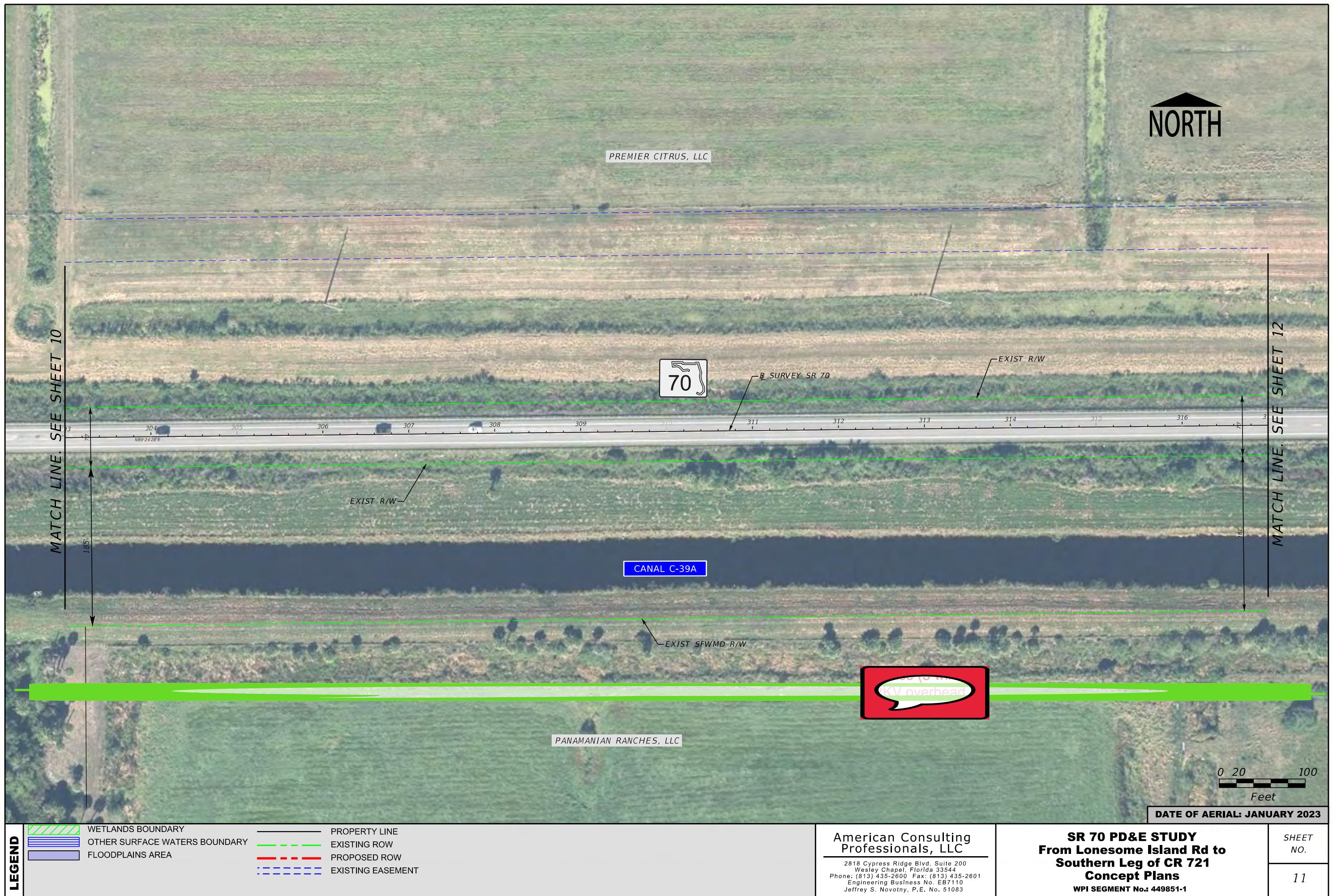
LEGEND

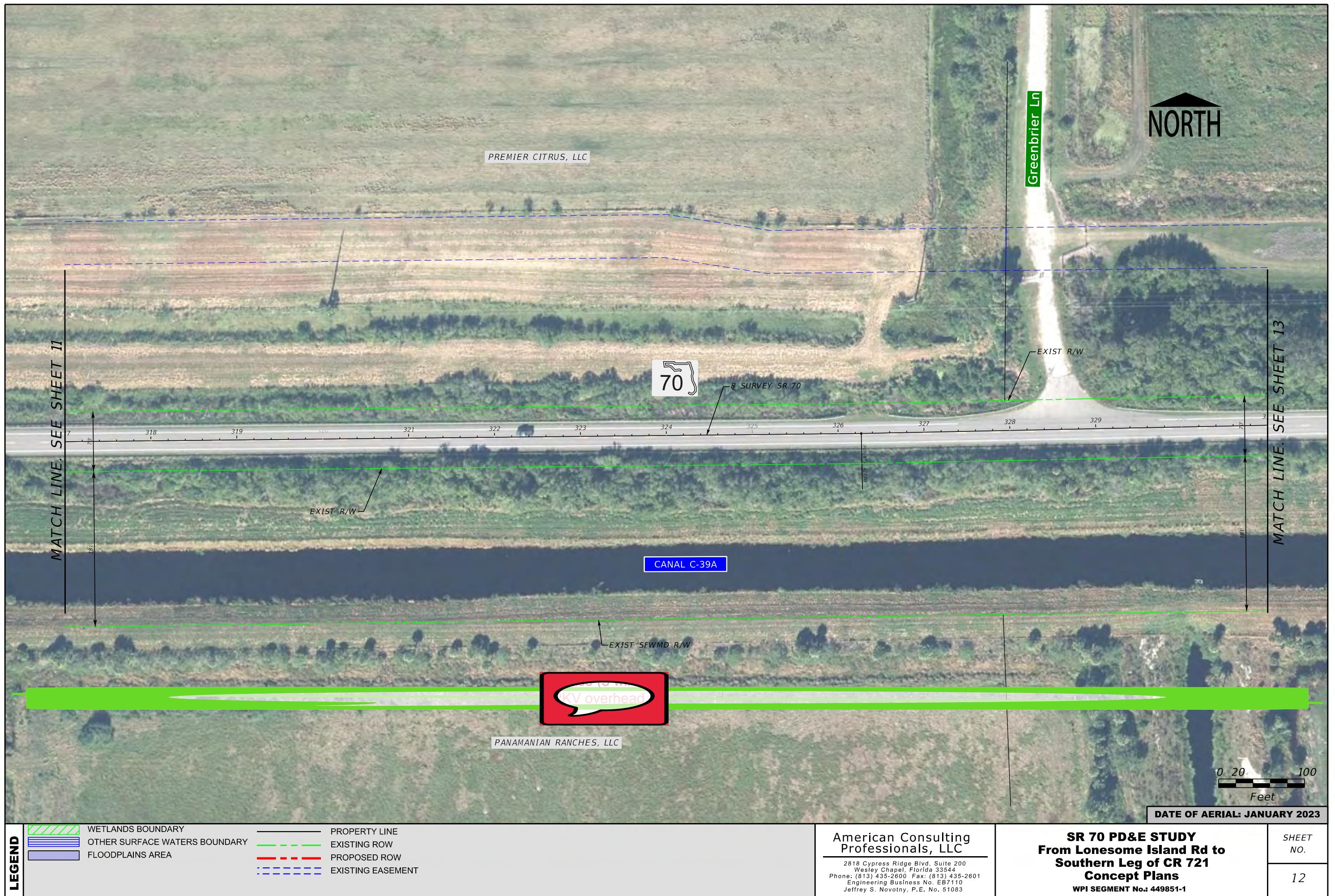
	WETLANDS BOUNDARY
	OTHER SURFACE WATERS BOUNDARY
	FLOODPLAINS AREA
	PROPERTY LINE
	EXISTING ROW
	PROPOSED ROW
	EXISTING EASEMENT

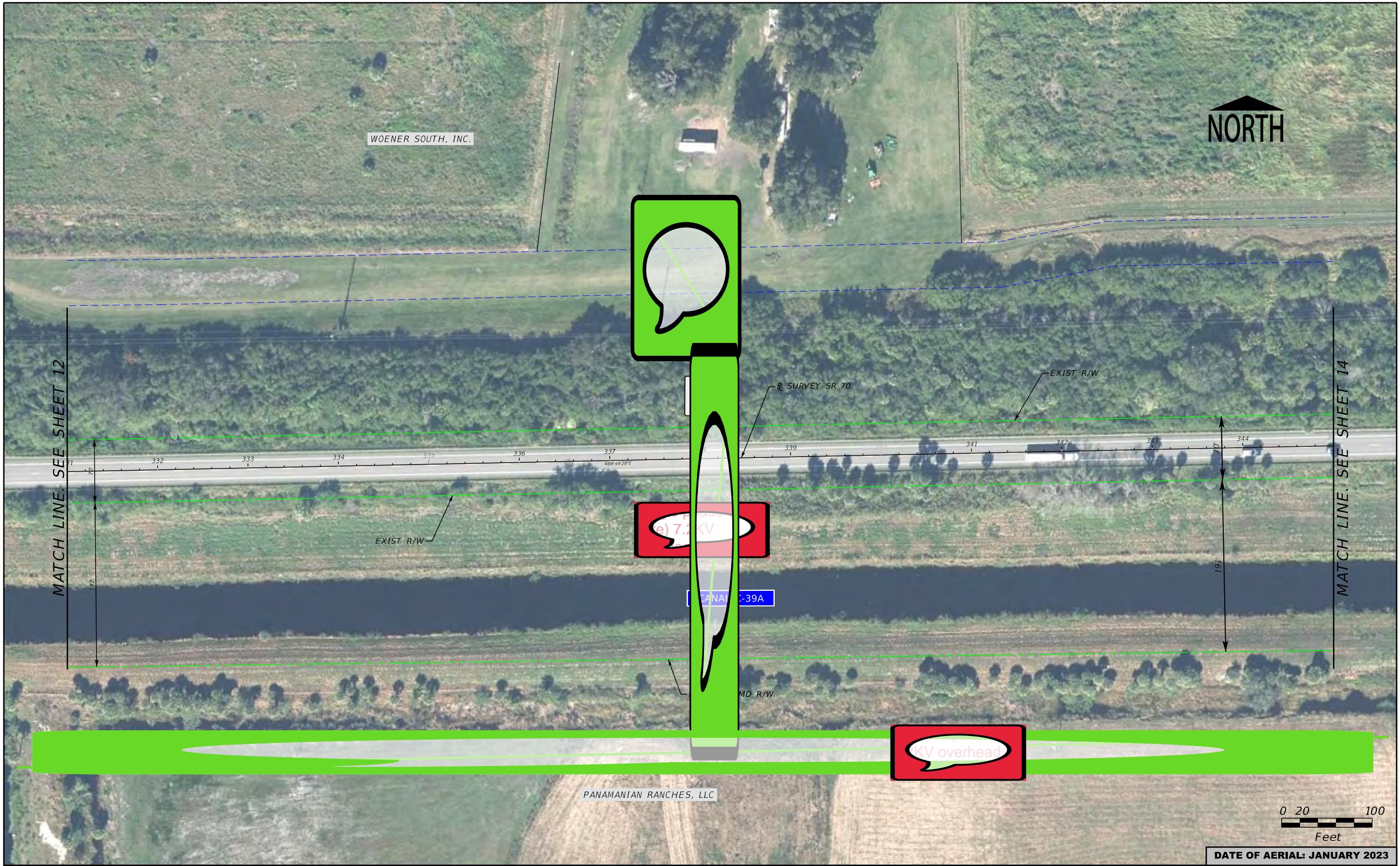


LEGEND	 WETLANDS BOUNDARY	 PROPERTY LINE
	 OTHER SURFACE WATERS BOUNDARY	 EXISTING ROW
	 FLOODPLAINS AREA	 PROPOSED ROW
		 EXISTING EASEMENT









LEGEND	SR 70 PD&E STUDY From Lonesome Island Rd to Southern Leg of CR 721 Concept Plans WPI SEGMENT No: 449851-1						SHEET NO.
	WETLANDS BOUNDARY	PROPERTY LINE	OTHER SURFACE WATERS BOUNDARY	EXISTING ROW	PROPOSED ROW	EXISTING EASEMENT	
<ul style="list-style-type: none"> WETLANDS BOUNDARY OTHER SURFACE WATERS BOUNDARY FLOODPLAINS AREA 							13



 NORTH

LYKES BROS., INC.

MATCH LINE. SEE SHEET 14

209

3'47.4"E

EXIST R/W



CANAL C-39A

SURVEY SR 70

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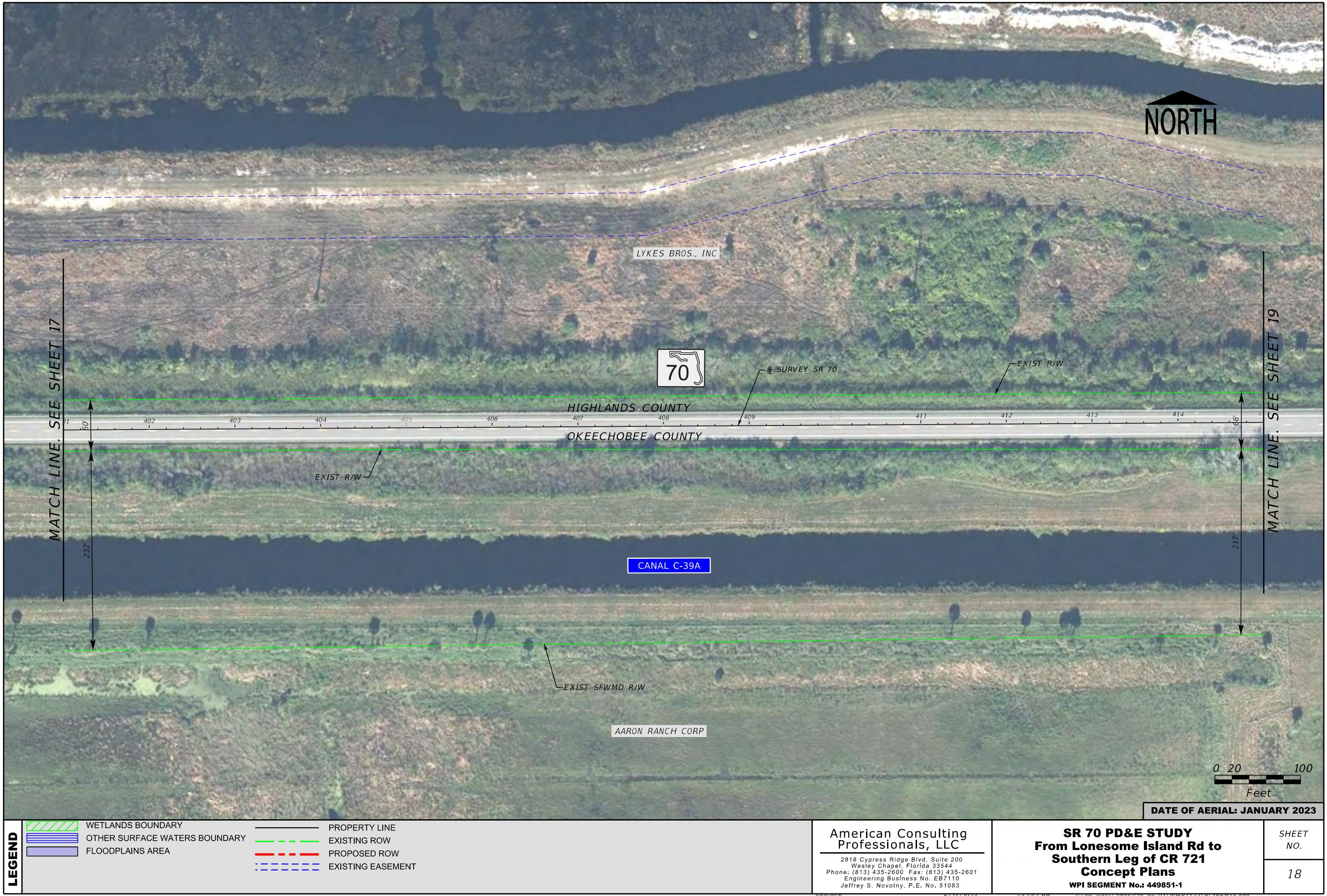
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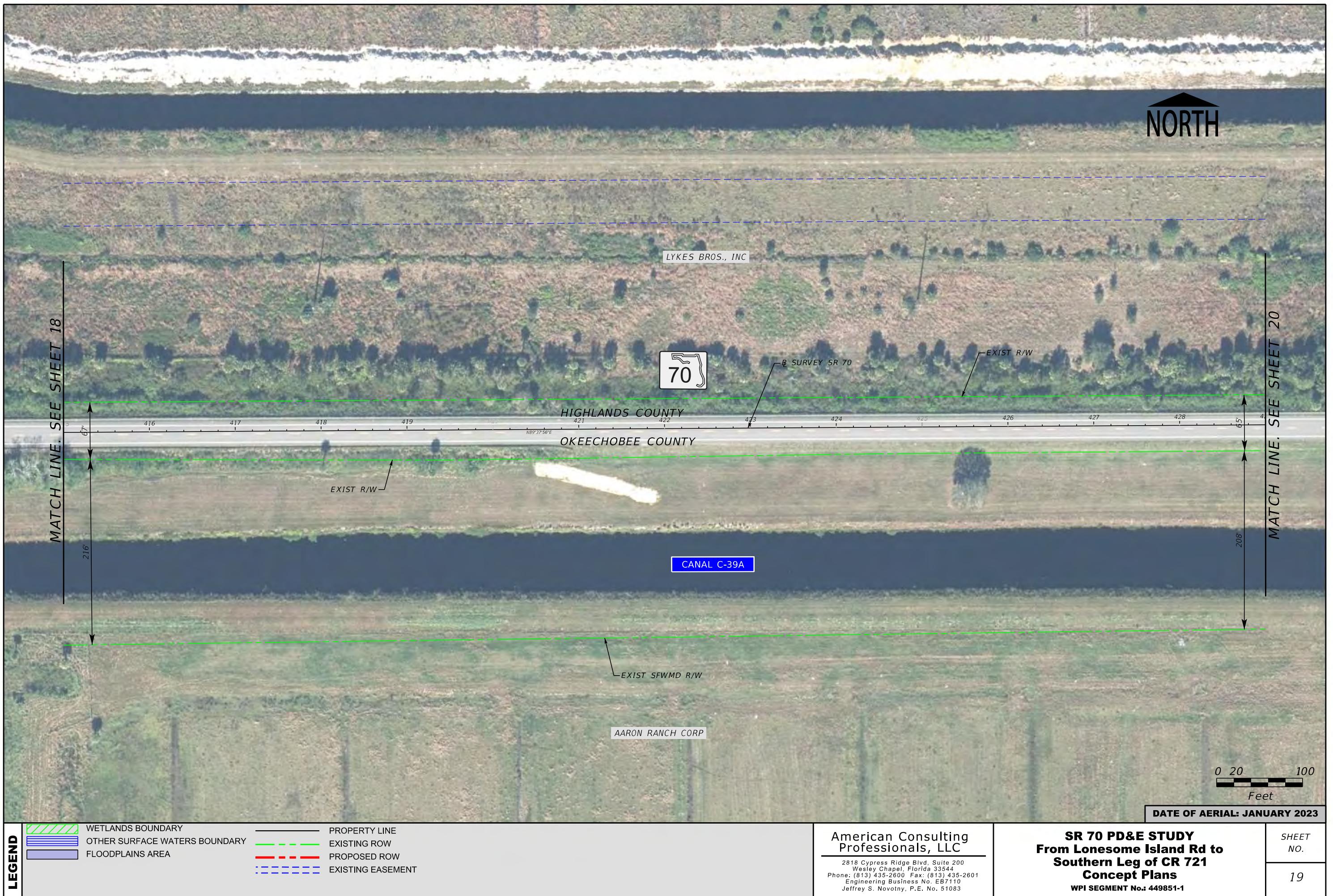
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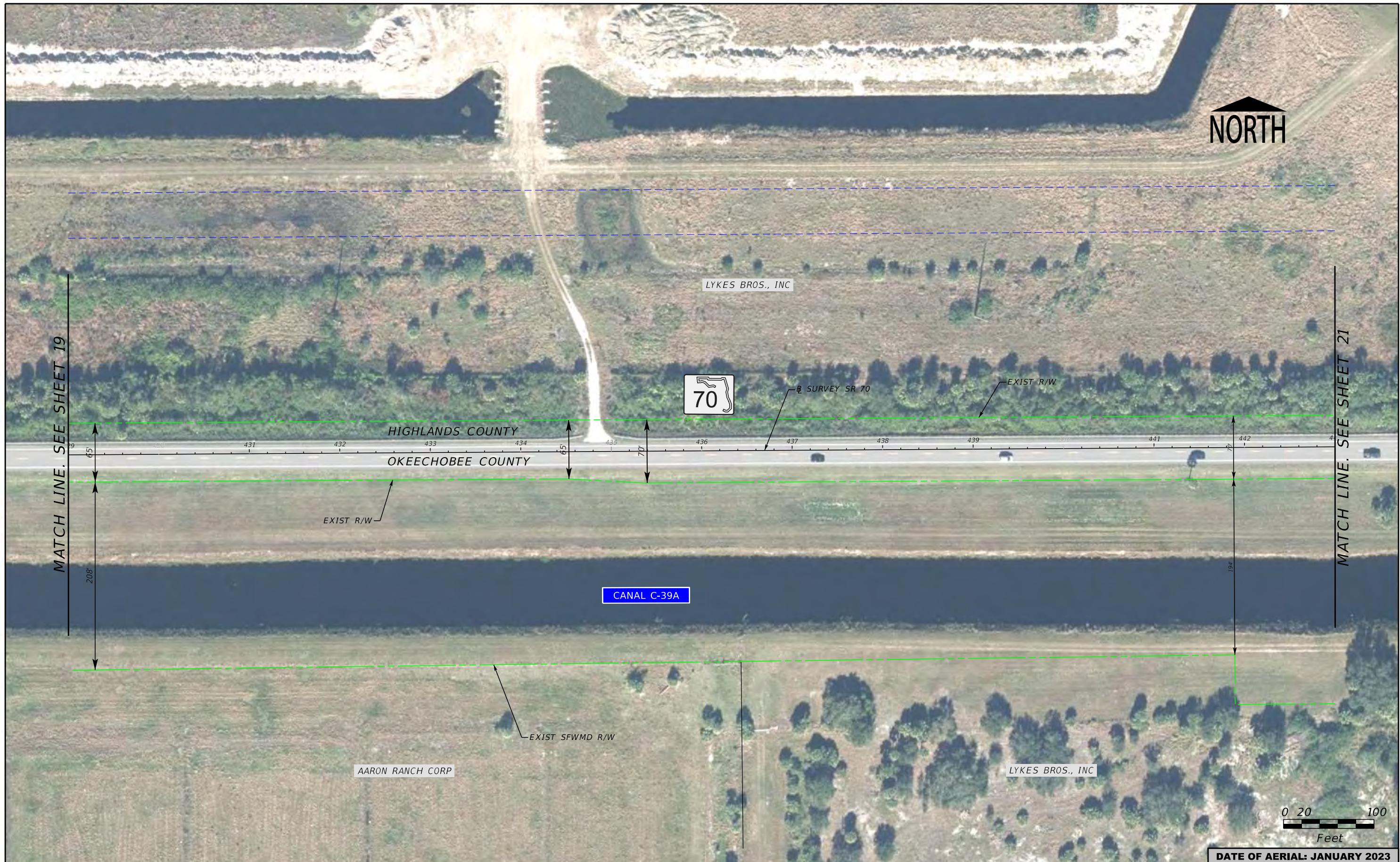
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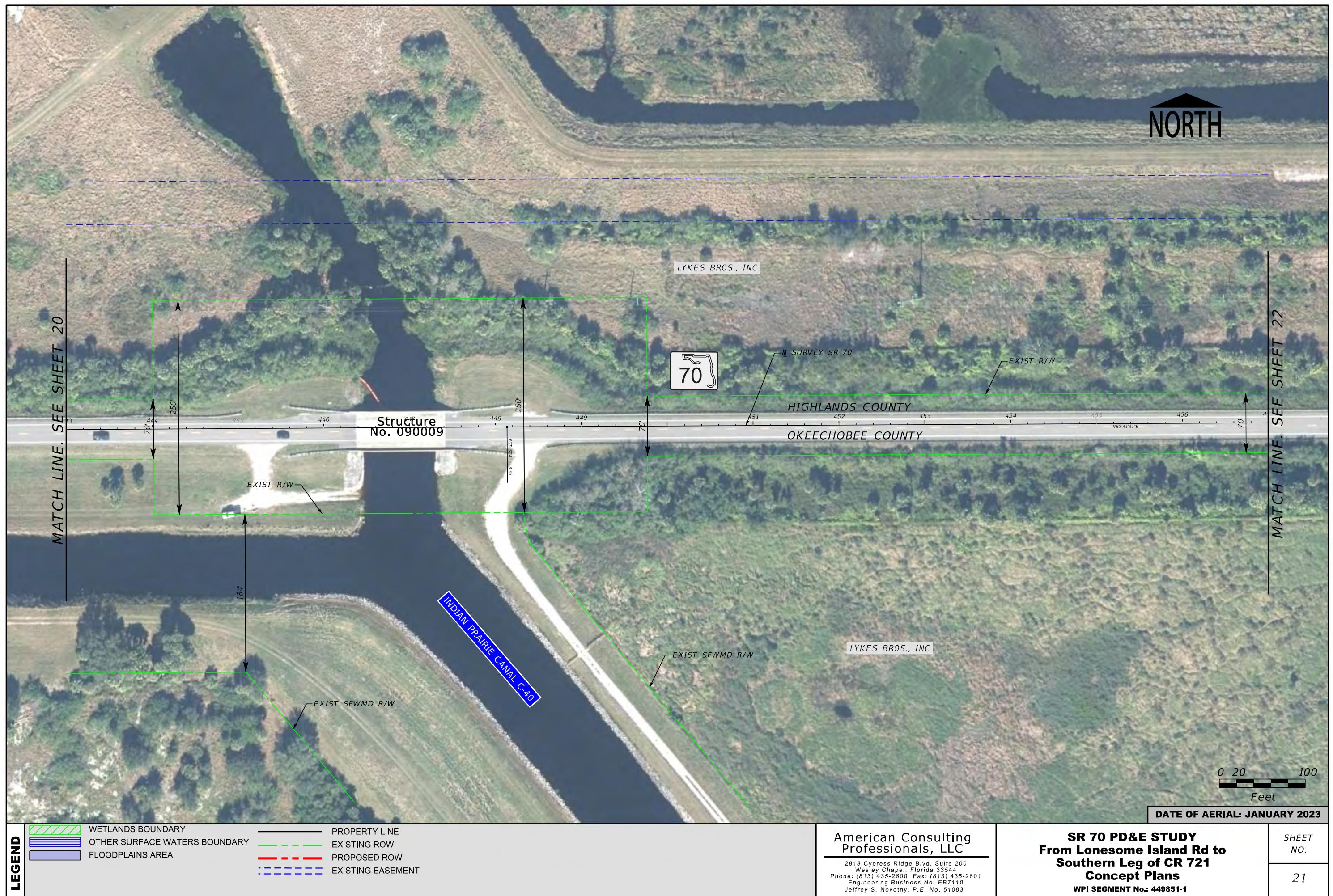






LEGEND

	WETLANDS BOUNDARY
	PROPERTY LINE
	OTHER SURFACE WATERS BOUNDARY
	FLOODPLAINS AREA
	EXISTING ROW
	PROPOSED ROW
	EXISTING EASEMENT





LEGEND

	WETLANDS BOUNDARY
	OTHER SURFACE WATERS BOUNDARY
	FLOODPLAINS AREA
	PROPERTY LINE
	EXISTING ROW
	PROPOSED ROW
	EXISTING EASEMENT

American Consulting Professionals, LLC
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans
WPI SEGMENT No. 449851-1

SHEET NO.

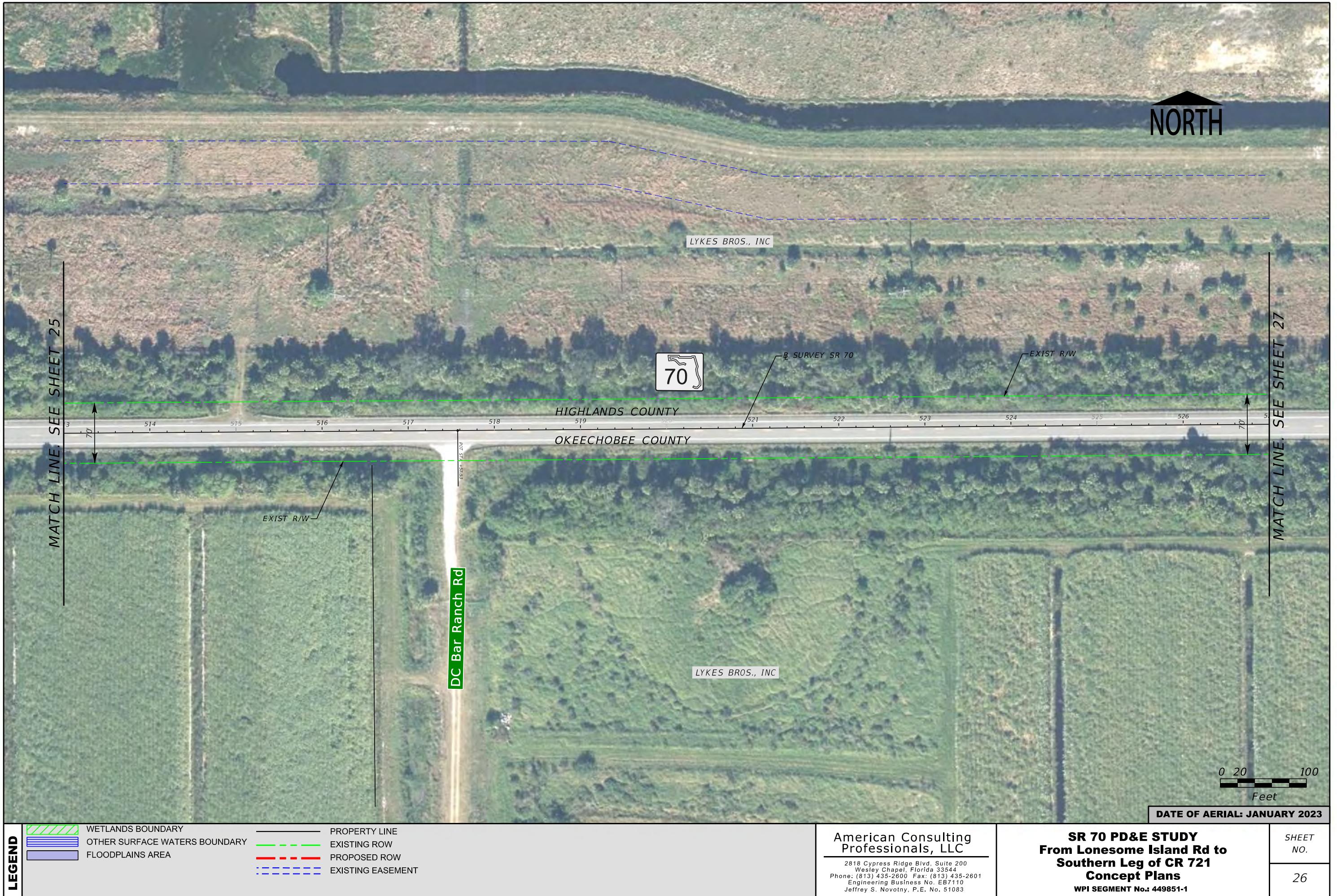
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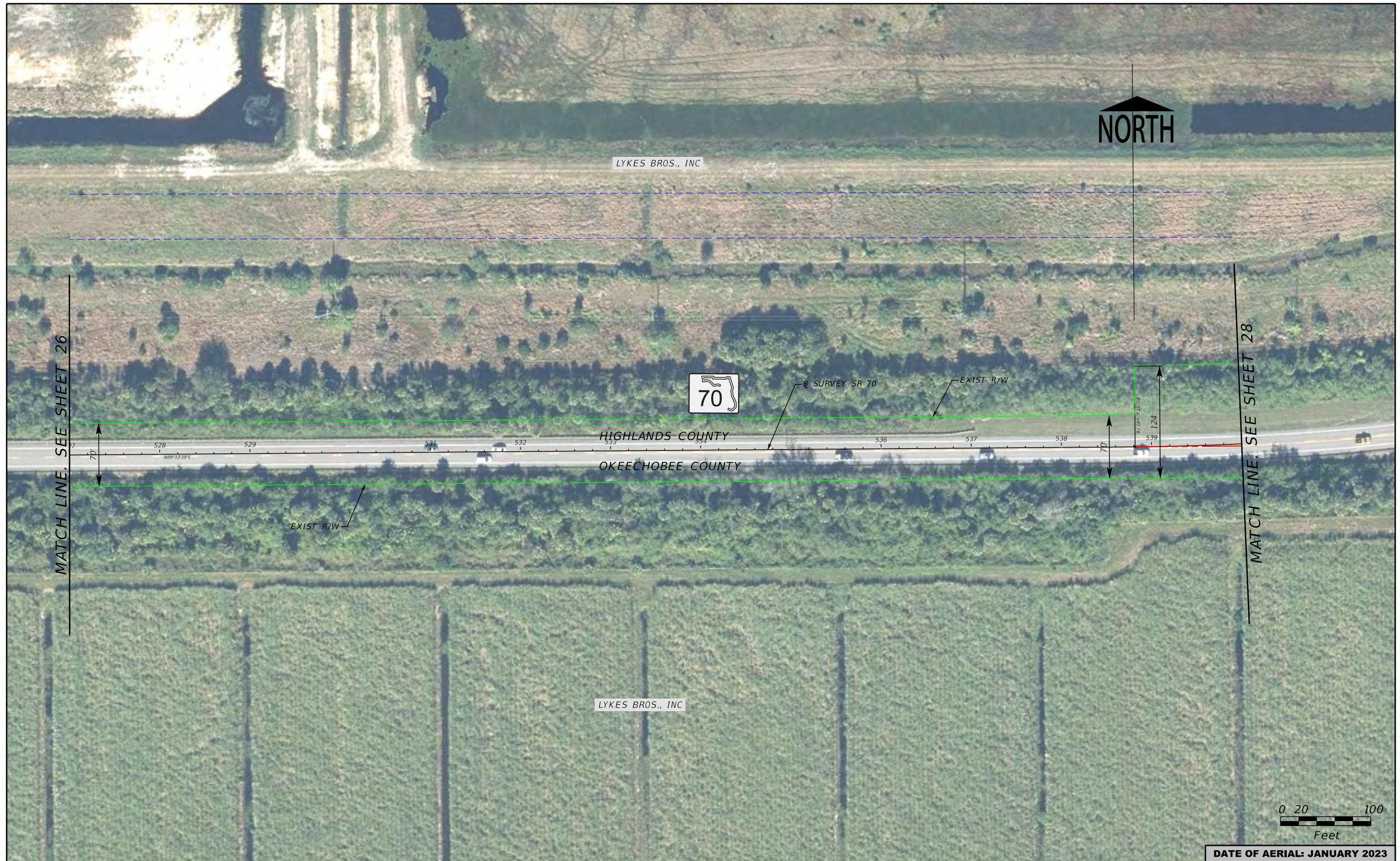




		DATE OF AERIAL: JANUARY 2023
LEGEND	 WETLANDS BOUNDARY  OTHER SURFACE WATERS BOUNDARY  FLOODPLAINS AREA  PROPERTY LINE  EXISTING ROW  PROPOSED ROW  EXISTING EASEMENT	American Consulting Professionals, LLC <hr/> 2818 Cypress Ridge Blvd, Suite 200 Wesley Chapel, Florida 33544 Phone: (813) 435-2600 Fax: (813) 435-2601 Engineering Business No. EB7110 Jeffrey S. Novotny, P.E. No. 51083
	SR 70 PD&E STUDY From Lonesome Island Rd to Southern Leg of CR 721 Concept Plans WPI SEGMENT No.: 449851-1	SHEET NO. 24

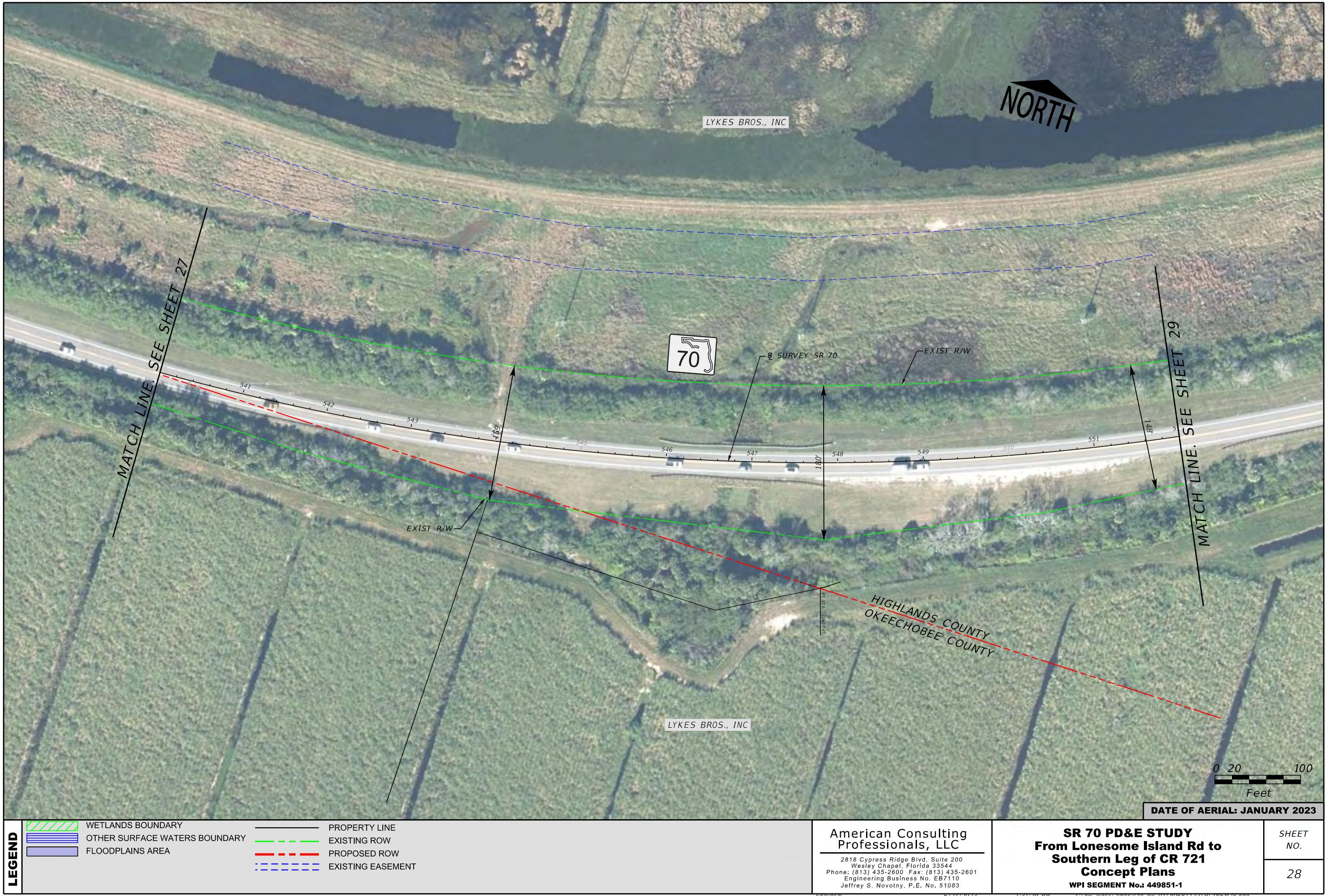




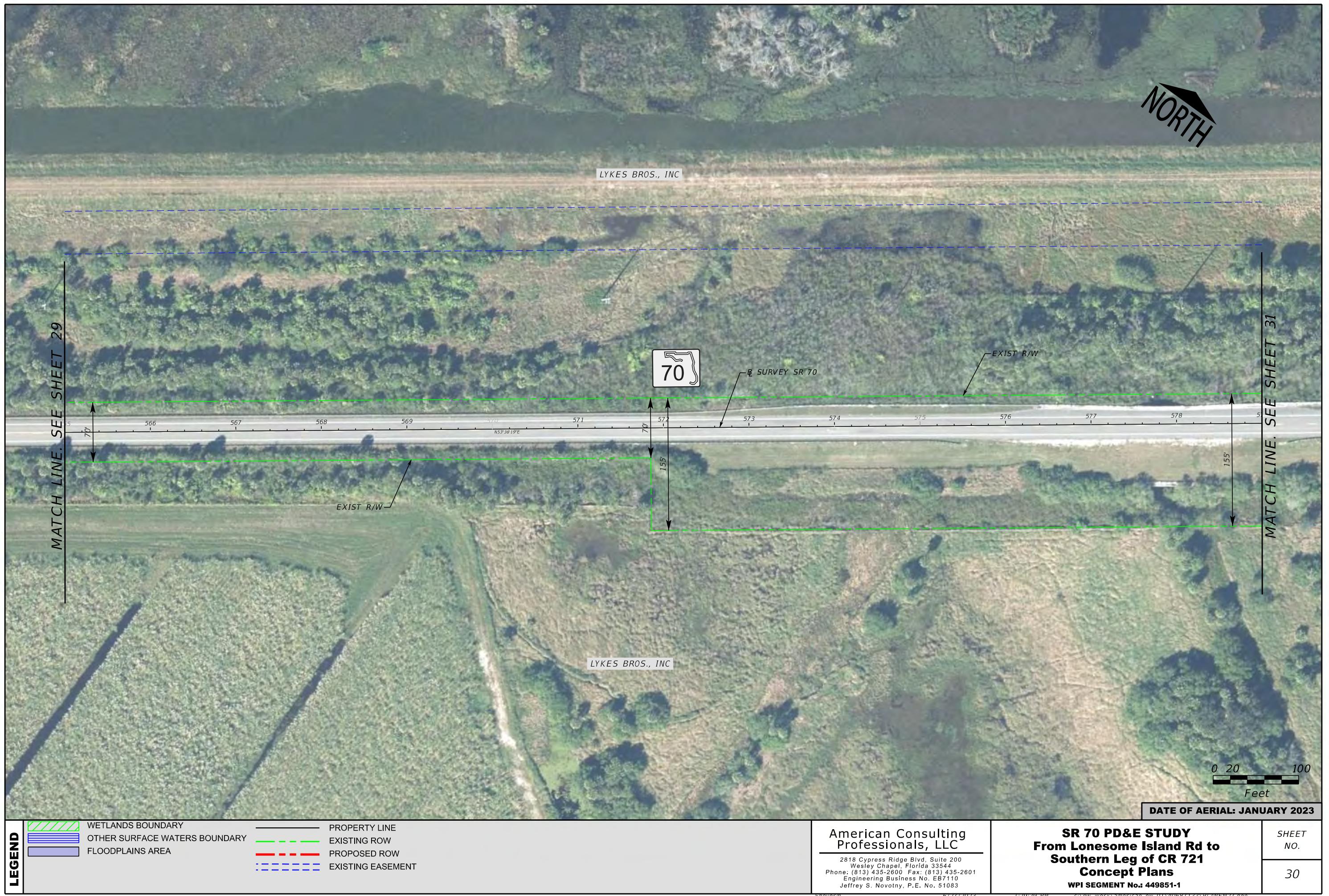


LEGEND

	WETLANDS BOUNDARY
	PROPERTY LINE
	OTHER SURFACE WATERS BOUNDARY
	FLOODPLAINS AREA
	EXISTING ROW
	PROPOSED ROW
	EXISTING EASEMENT











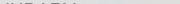
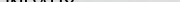
LEGEND

- WETLANDS BOUNDARY
- PROPERTY LINE
- OTHER SURFACE WATERS BOUNDARY
- EXISTING ROW
- FLOODPLAINS AREA
- PROPOSED ROW
- EXISTING EASEMENT







LEGEND	 WETLANDS BOUNDARY	 PROPERTY LINE
	 OTHER SURFACE WATERS BOUNDARY	 EXISTING ROW
	 FLOODPLAINS AREA	 PROPOSED ROW
		 EXISTING EASEMENT





LEGEND	<ul style="list-style-type: none"> WETLANDS BOUNDARY PROPERTY LINE OTHER SURFACE WATERS BOUNDARY EXISTING ROW FLOODPLAINS AREA PROPOSED ROW EXISTING EASEMENT
---------------	--

American Consulting Professionals, LLC
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans
WPI SEGMENT No: 449851-1

SHEET NO.
37

CONTRACT PLANS COMPONENTS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

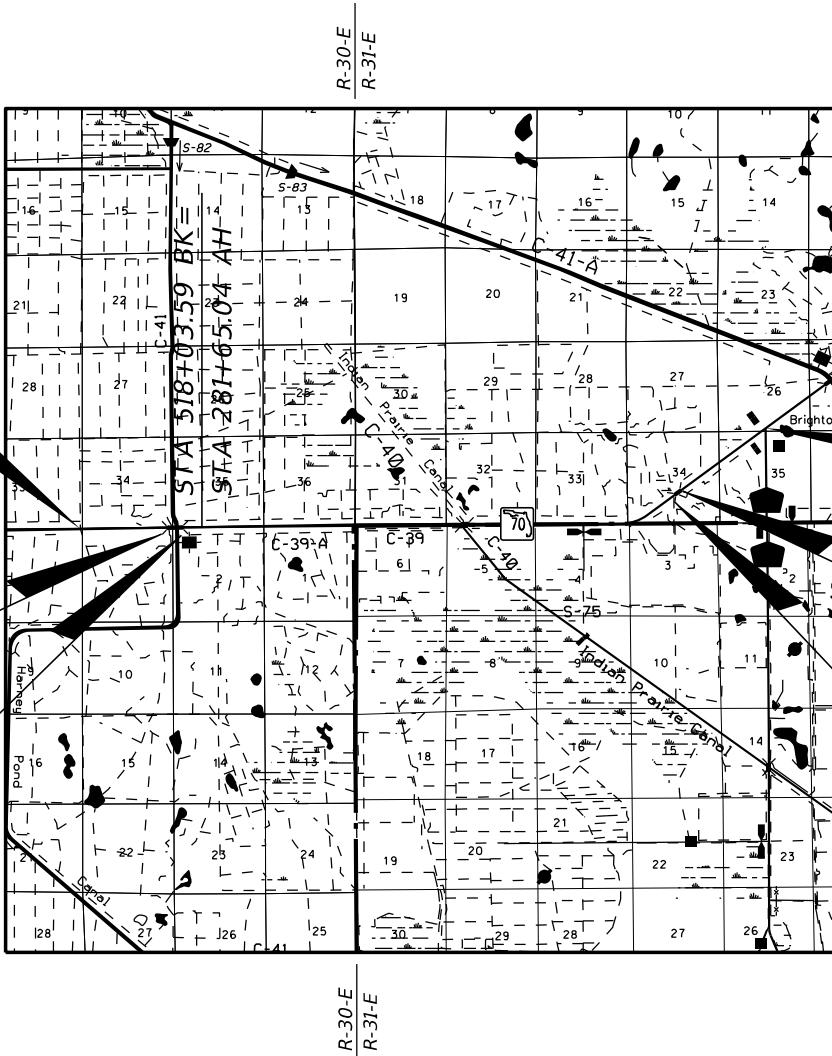
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 3	PROJECT LAYOUT SHEETS
4 - 37	CONCEPT PLAN SHEETS

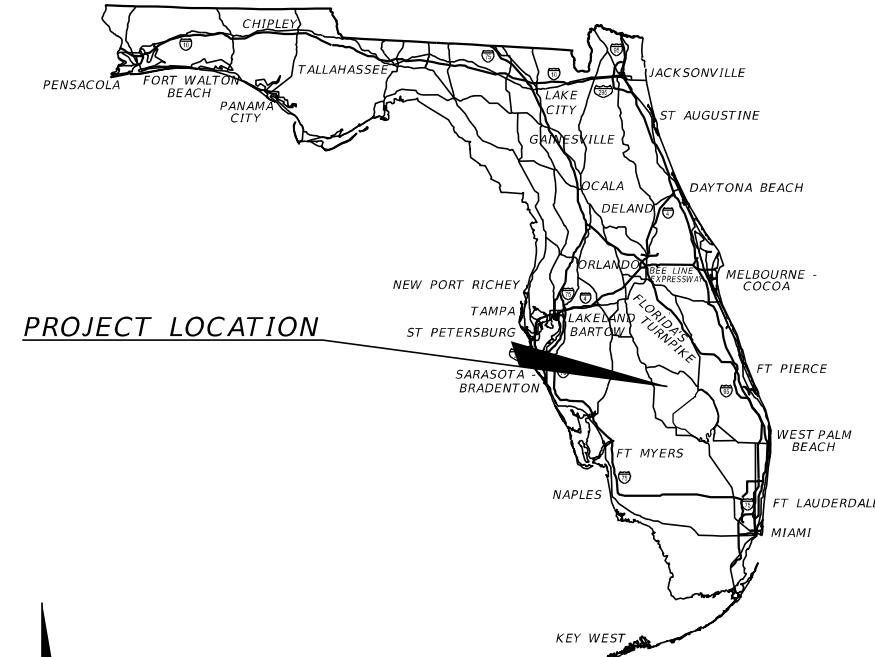
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND
ENVIRONMENT STUDY
CONCEPT PLANS

FINANCIAL PROJECT ID 449851-1-22-01
HIGHLANDS COUNTY (9)

STATE ROAD NO. 70



PROJECT LOCATION



ROADWAY PLANS
ENGINEER OF RECORD:

JEFFREY S. NOVOTNY, P.E., AICP, RSP1
P.E. LICENSE NUMBER 51083
AMERICAN CONSULTING PROFESSIONALS, LLC
2818 CYPRESS RIDGE BLVD, SUITE 200
WESLEY CHAPEL, FLORIDA 33544
ENGINEERING BUSINESS No. EB7110

FDOT PROJECT MANAGER:

David C. Turley, P.E.



CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		SR 70



LEGEND

EASEMENT LINE
EXISTING ROW

PLAN SHEET BOUNDARY
STORMWATER MANAGEMENT
FACILITY/FLOODPLAIN
COMPENSATION SITE
SHEET BOUNDARY

American Consulting
Professionals, LLC

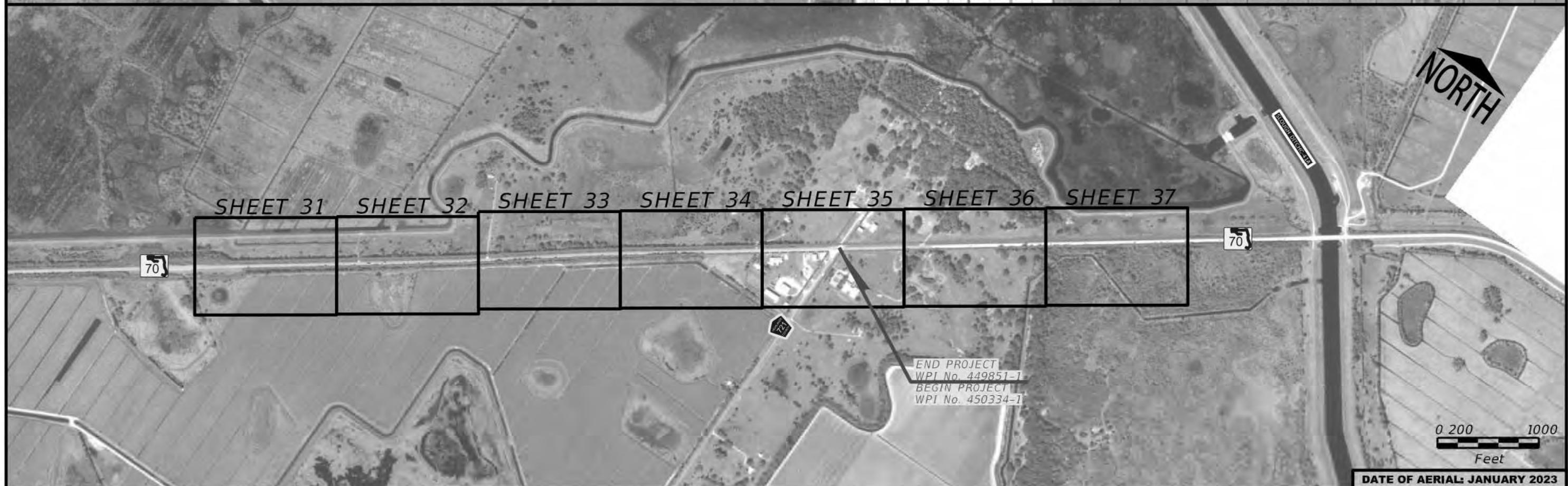
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

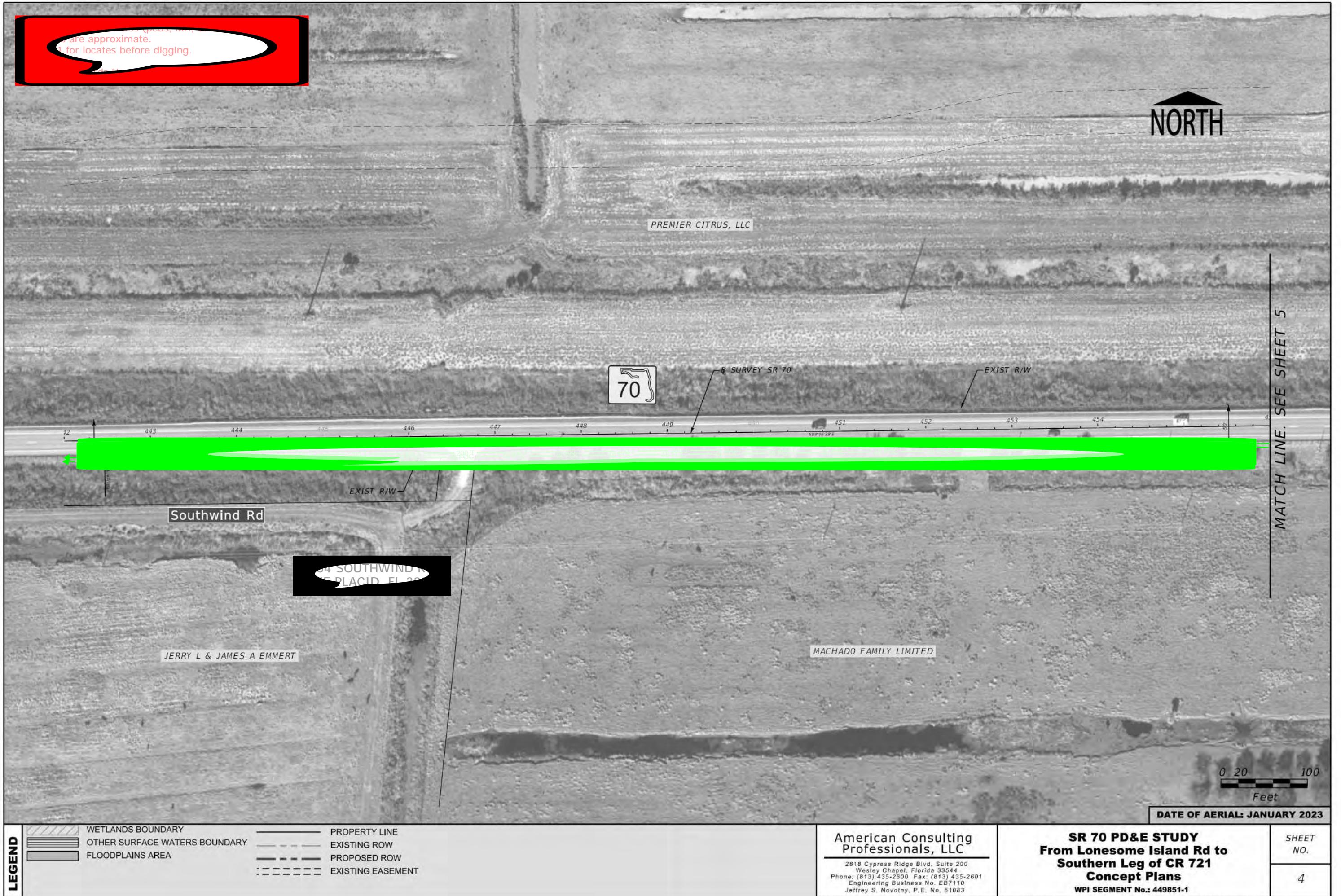
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 70	HIGHLANDS	449851-1-22-01

SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans
WPI SEGMENT No. 449851-1

SHEET
NO.
2



LEGEND	SR 70 PD&E STUDY From Lonesome Island Rd to Southern Leg of CR 721 Concept Plans WPI SEGMENT No. 449851-1		SHEET NO. 3
	EASEMENT LINE	PLAN SHEET BOUNDARY	
EXISTING ROW			
STORMWATER MANAGEMENT FACILITY/FLOODPLAIN COMPENSATION SITE SHEET BOUNDARY			
	American Consulting Professionals, LLC 2818 Cypress Ridge Blvd, Suite 200 Wesley Chapel, Florida 33544 Phone: (813) 435-2600 Fax: (813) 435-2601 Engineering Business No. EB7110 Jeffrey S. Novotny, P.E. No. 51083	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID SR 70 HIGHLANDS 449851-1-22-01	
		Soilform	10/27/2023
			10:32:52 AM
			C:\pw\work\american-pw-01\00687133\PLATEM02.dgn



distances (feet, m) are approximate.
1 for locates before digging.

NORTH

PREMIER CITRUS, LL

MATCH LINE SEE SHEET 4

MATCH LINE. SEE SHEET 6

TERM
ENCLOSURE
#82067

MACHADO FAMILY LIMITED

FLORIDA POWER & LIGHT

0 20 100
Feet

DATE OF AERIAL: JANUARY 2023

American Consulting

2818 Cypress Ridge Blvd. Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey R. Newell, P.E. No. 51202

SR 70 PD&E STUDY From Lonesome Island Rd to Southern Leg of CR 721 Concept Plans

SHEET

5

-LEGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

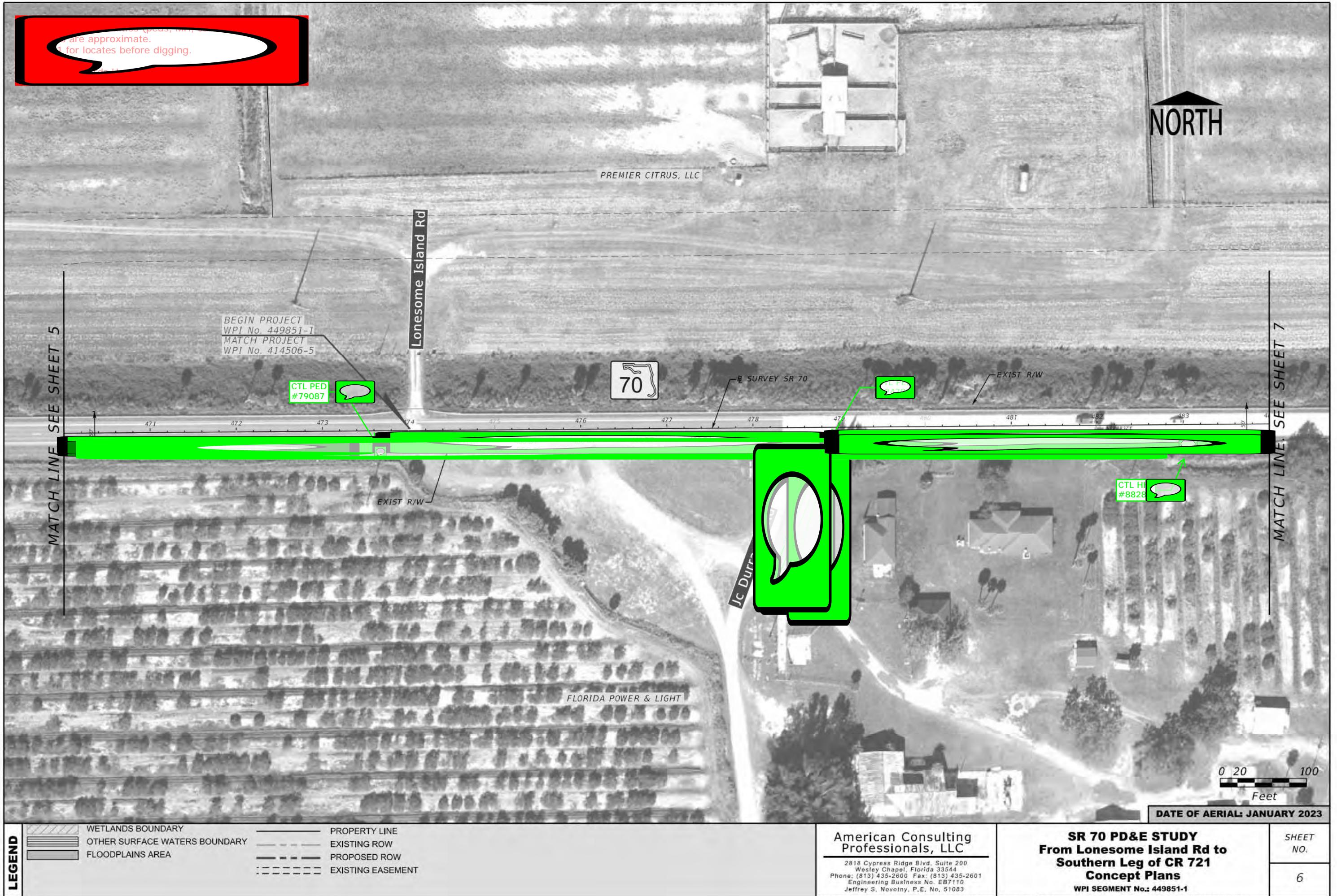
— PROPERTY LINE
— — — EXISTING ROW
— — — — PROPOSED ROW
- - - - EXISTING EASEMENT

四

673132133

2020/2021

108 C15.00 100225-2001C30-000-01300871333211481012200



distances (feet, mm), etc.
are approximate.
Locates before digging.

NORTH

PREMIER CITRUS, LLC

MATCH LINE, SEE SHEET 6

MATCH LINE. SEE SHEET 8

CTL PED
#6457

LEY SR 70

EXIST R/W

111

EXISTENCE

FLORIDA POWER & LIGHT

DATE OF AERIAL: JANUARY 2023

LEGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

— PROPERTY LINE
— EXISTING ROW
— PROPOSED ROW
- - - - EXISTING EASEMENT

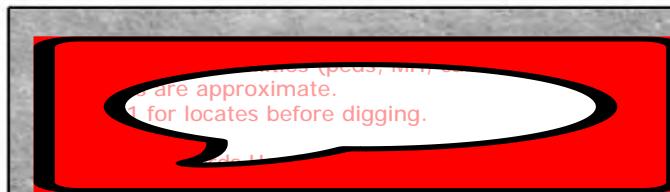
American Consulting
Professionals, LLC

2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**

SHEET
NO.

7



NORTH

PREMIER CITRUS, LLC



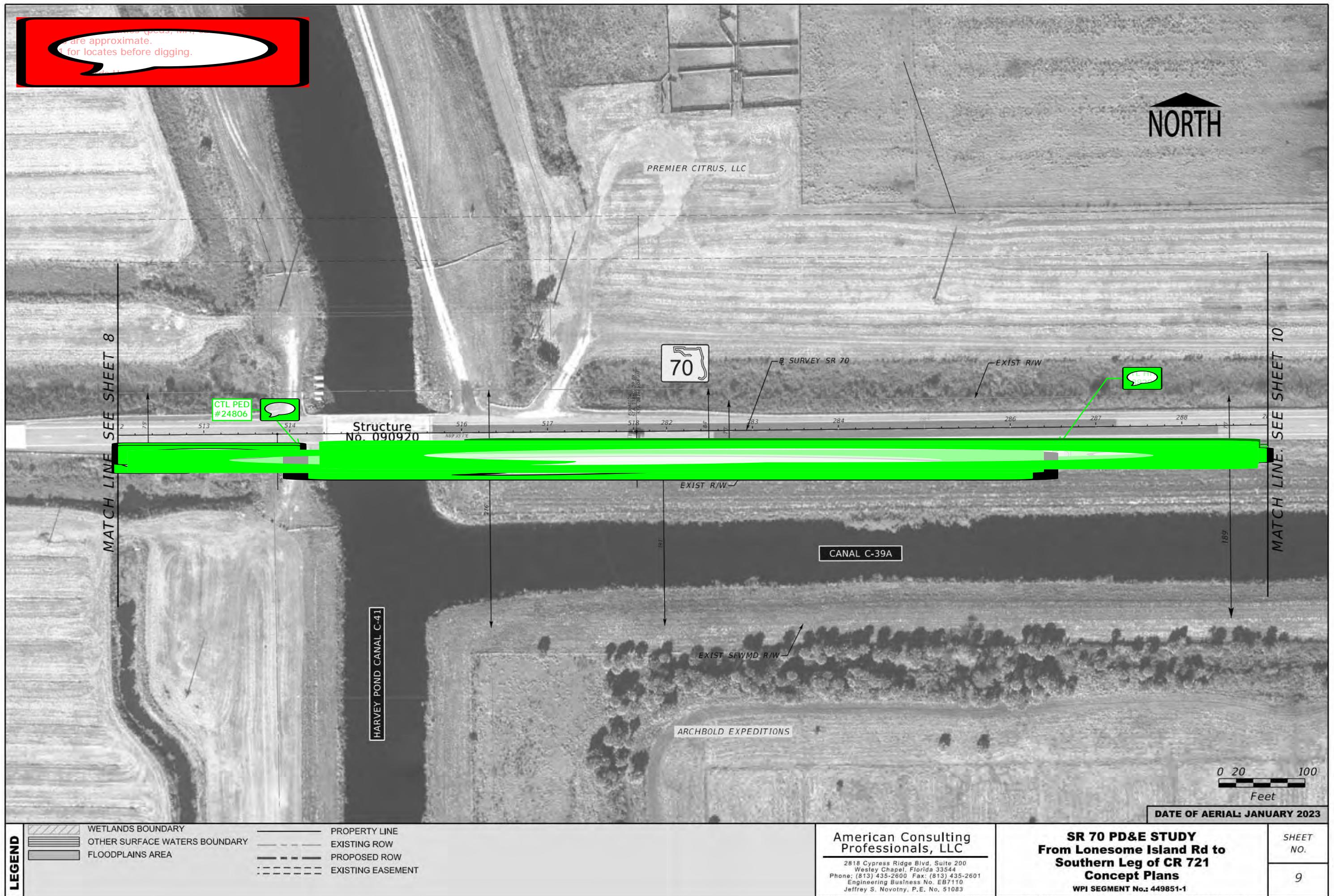
LEGEND

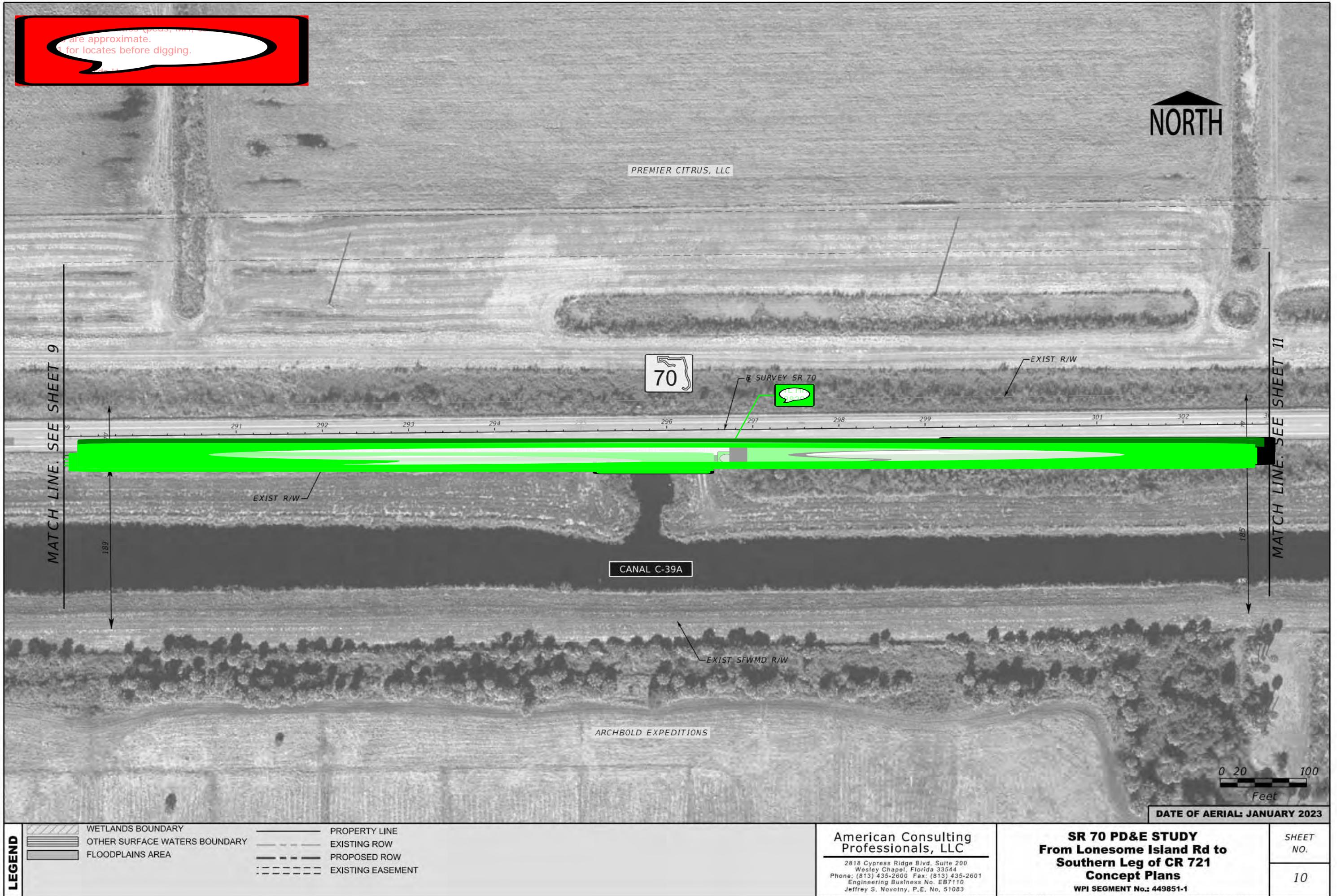
WETLANDS BOUNDARY	PROPERTY LINE
OTHER SURFACE WATERS BOUNDARY	EXISTING ROW
FLOODPLAINS AREA	PROPOSED ROW
	EXISTING EASEMENT

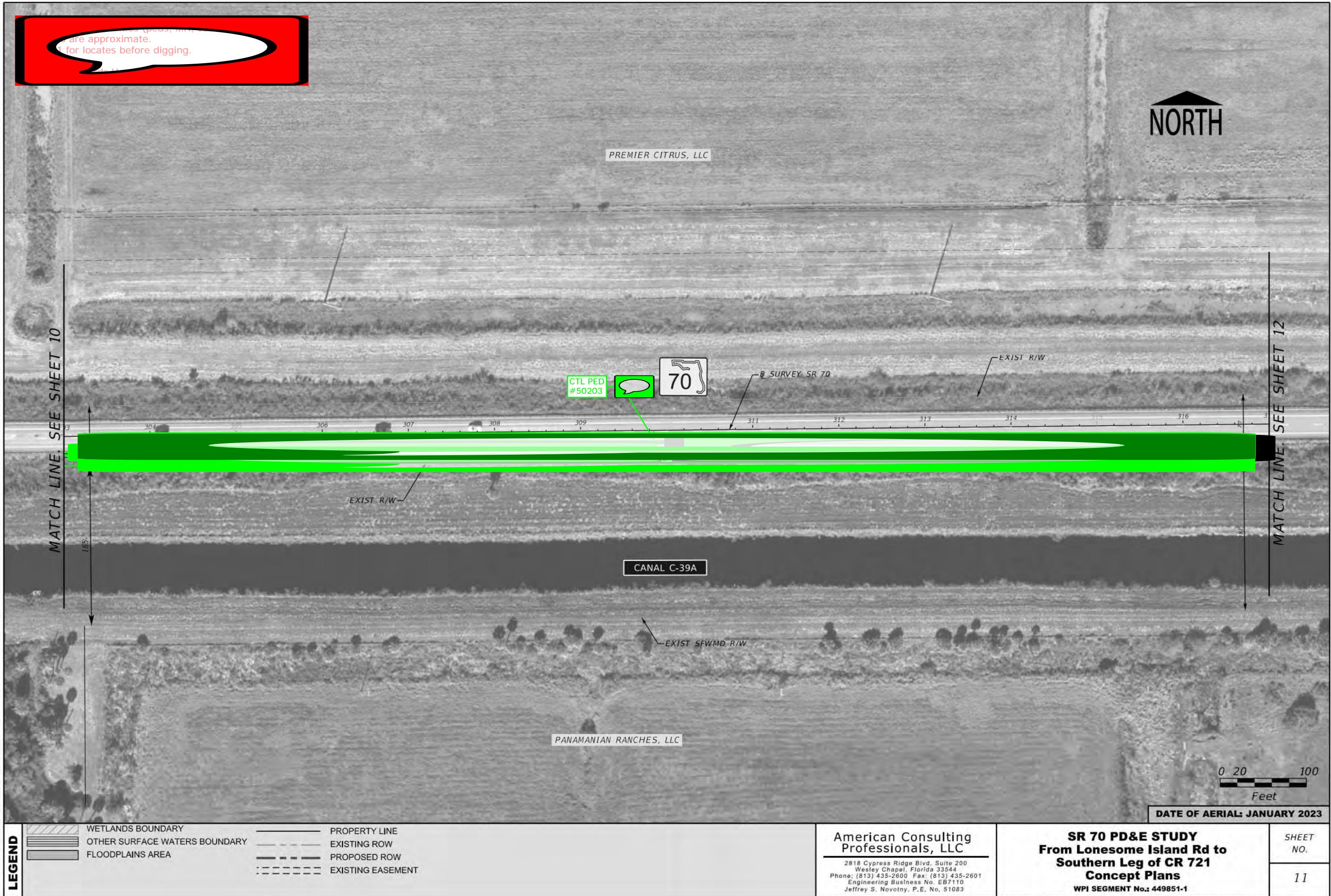
American Consulting
Professionals, LLC
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110
Jeffrey S. Novotny, P.E. No. 51083

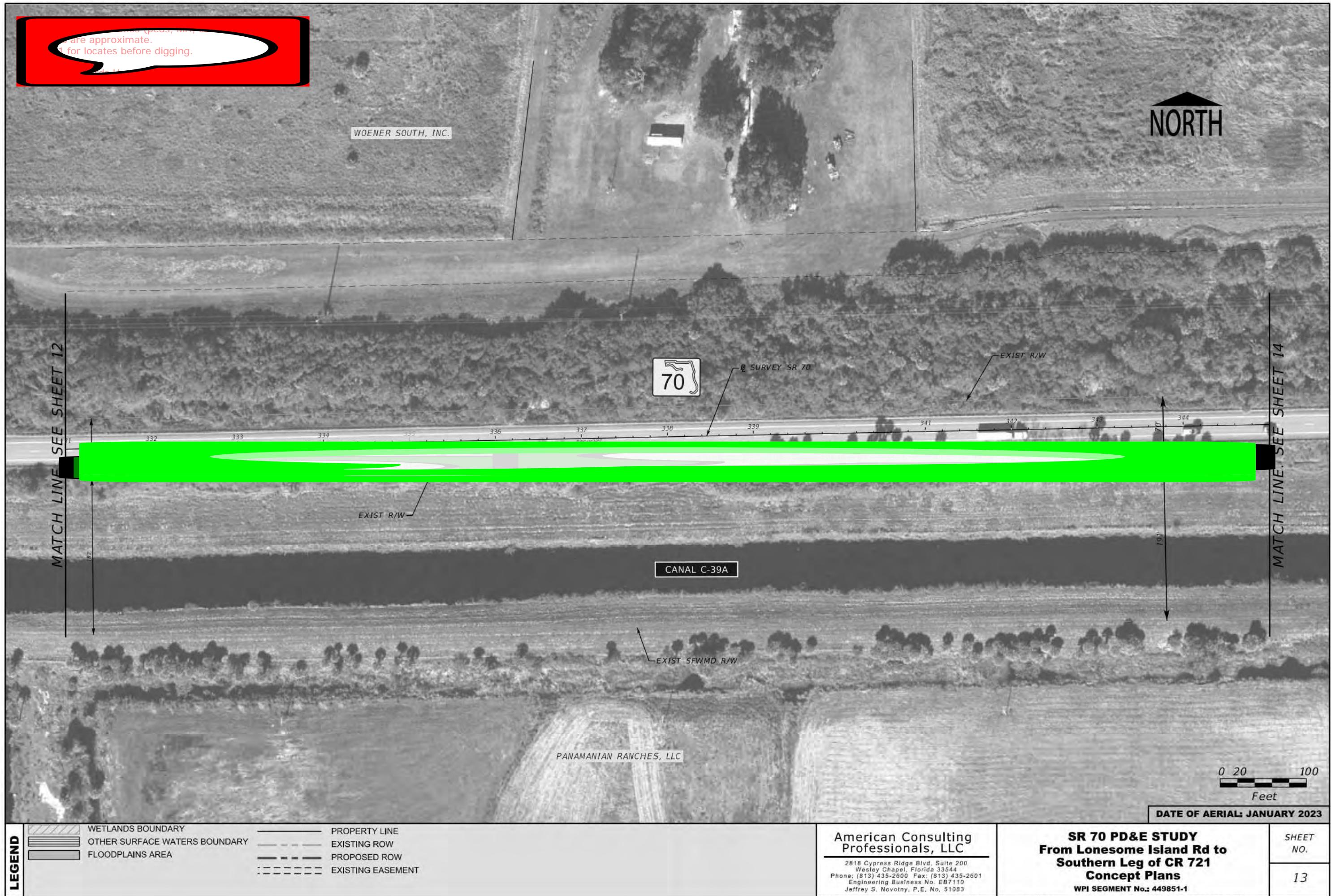
SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans
WPI SEGMENT No: 449851-1

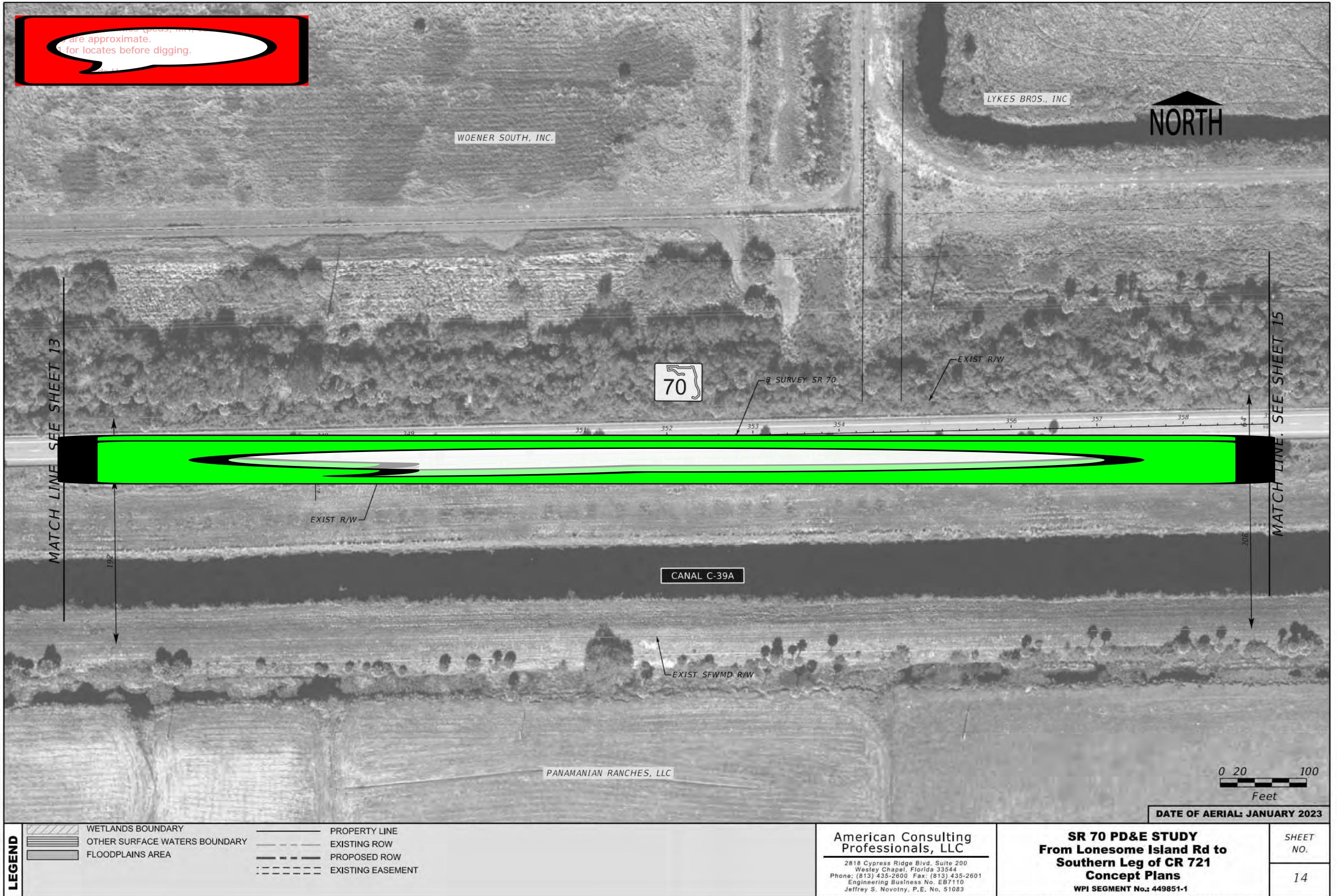
SHEET
NO.
8

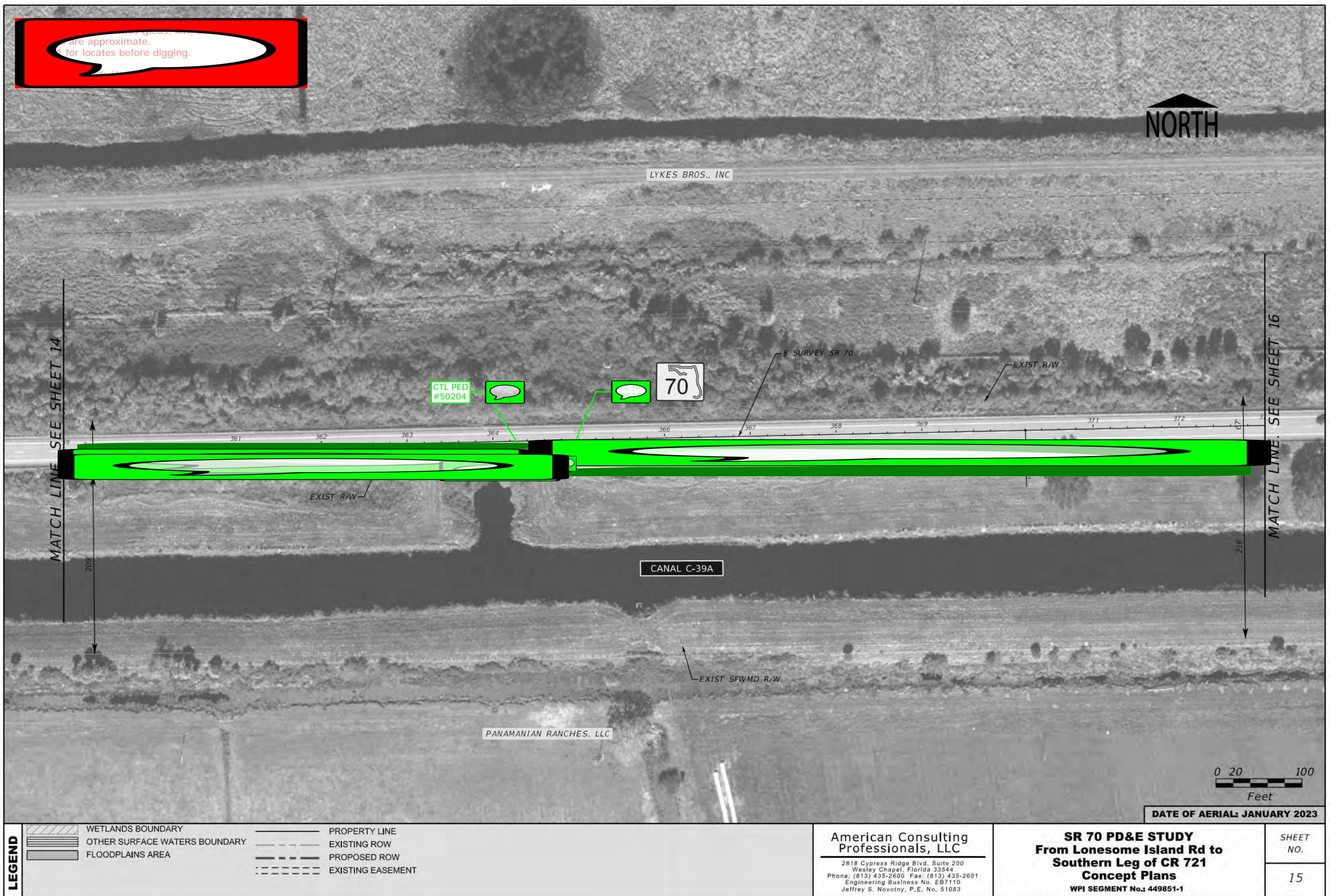












approx. (peas, M.R.)
are approximate.
for locates before digging.

LYKES BROS., INC.

NORTH

MATCH LINE SEE SHEET 15

MATCH LINE. SEE SHEET 17

511 233

A scale bar with two markings: '20' on the left and '100' on the right. Below the bar, the word 'Feet' is written.

DATE OF AERIAL: JANUARY 2023

HIGHLANDS COUNTY

PANAMANIAN RANCHES, LLC

AMERICAN TOWER CORP.

LEGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

— PROPERTY LINE
— EXISTING ROW
— PROPOSED ROW
- - - - EXISTING EASEMENT

American Consulting

2818 Cypress Ridge Blvd., Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB7110

**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**

SHEET

16

distances (peas, min.)
are approximate.
for locates before digging.

LYKES BROS., INC.

NORTH

20 CENTURY LIBRARIES PRESENT

MATCH LINE SEE SHEET 16

75

CANAL C-39A

EXIST SFWMD R/

AARON RANCH CO.

A scale bar consisting of a horizontal line with tick marks. The text '0 20 100' is written above the line, and the word 'Foot' is written below it.

DATE OF AERIAL: JANUARY 2023

LEGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

— PROPERTY LINE
— EXISTING ROW
— PROPOSED ROW
- - - EXISTING EASEMENT

**American Consulting
Professionals, LLC**

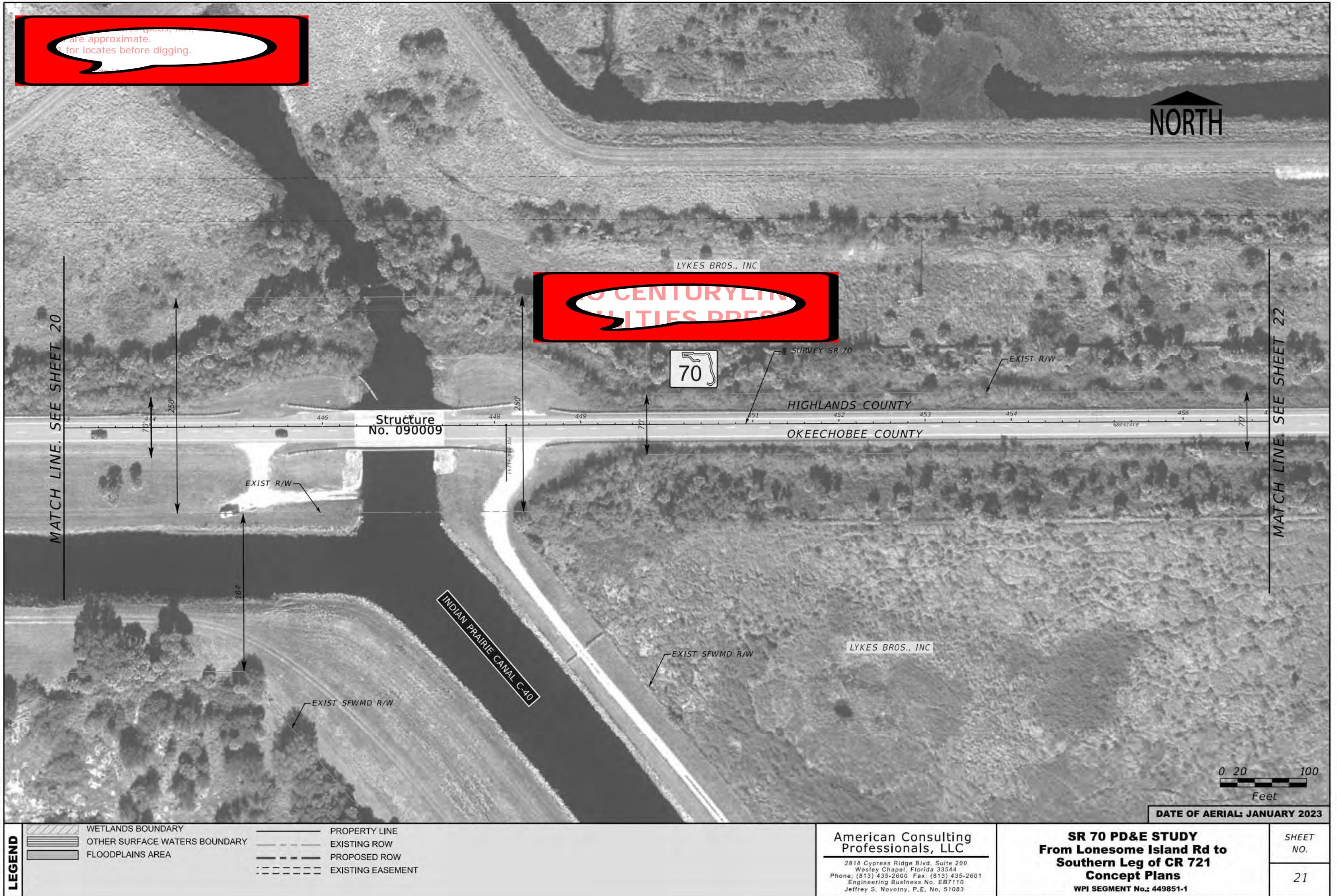
**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans
WPI SEGMENT No.: 449851-1**

SHEET
NO.









distances (peas, min.).
Locates are approximate.
Locates for locates before digging.

NORTH

LYKES BROS., INC.

20 CENTURY CITIES PROJECT

MATCH LINE SEE SHEET 21

MATCH LINE. SEE SHEET 23

HIGHLANDS COUNTY 463 OKEECHOBEE COUNTY 461

70

Map showing the location of Survey SR 70 relative to existing roads and county boundaries in Highlands and Okeechobee counties, Florida. The map includes route 70, county boundaries, and survey points.

Key features include:

- Route 70 (solid line)
- Survey SR 70 (dashed line)
- Existing Rights-of-Way (arrows labeled "EXIST R/W")
- Mile markers: 461, 462, 463, 464, 465, 466, 467, 468
- County boundaries: Highlands County (top) and Okeechobee County (bottom)
- Survey point: SURVEY SR 70
- Coordinates: N89°41.5' E

LYKES BROS., INC.

A scale bar with markings at 0, 20, and 100 feet. The 20-foot segment is highlighted with a thicker line.

DATE OF AERIAL: JANUARY 2023

LEGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

— PROPERTY LINE
— — — EXISTING ROW
— - — PROPOSED ROW
- - - EXISTING EASEMENT

**American Consulting
Professionals, LLC**

**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**

SHEET
NO.
22

approximate. for locates before digging.

LYKES BROS., INC.

NORTH

MATCH LINE, SEE SHEET 23

MATCH LINE. SEE SHEET 25

An aerial photograph of a road network in Highlands County, Florida. The image shows a main road labeled '70' with several cross roads numbered 486 through 498. A green horizontal bar highlights a section of the road between mile markers 491 and 497. A callout arrow points to the right, labeled 'EXIST R/W', indicating an existing right-of-way. The terrain is a mix of vegetation and open land. A scale bar at the bottom left indicates distances up to 1.5 miles.

HIGHLANDS COUNT

70

— SURVEY 5

—EXIST R/

LYKES BROS. II

A scale bar marked in feet, with 0, 20, and 100 labeled at the ends. The bar is divided into four equal segments by vertical tick marks, with the first segment being labeled '20' and the last segment being labeled '100'. Below the bar, the word 'Feet' is written in a cursive font.

DATE OF AERIAL: JANUARY 2023

LEGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

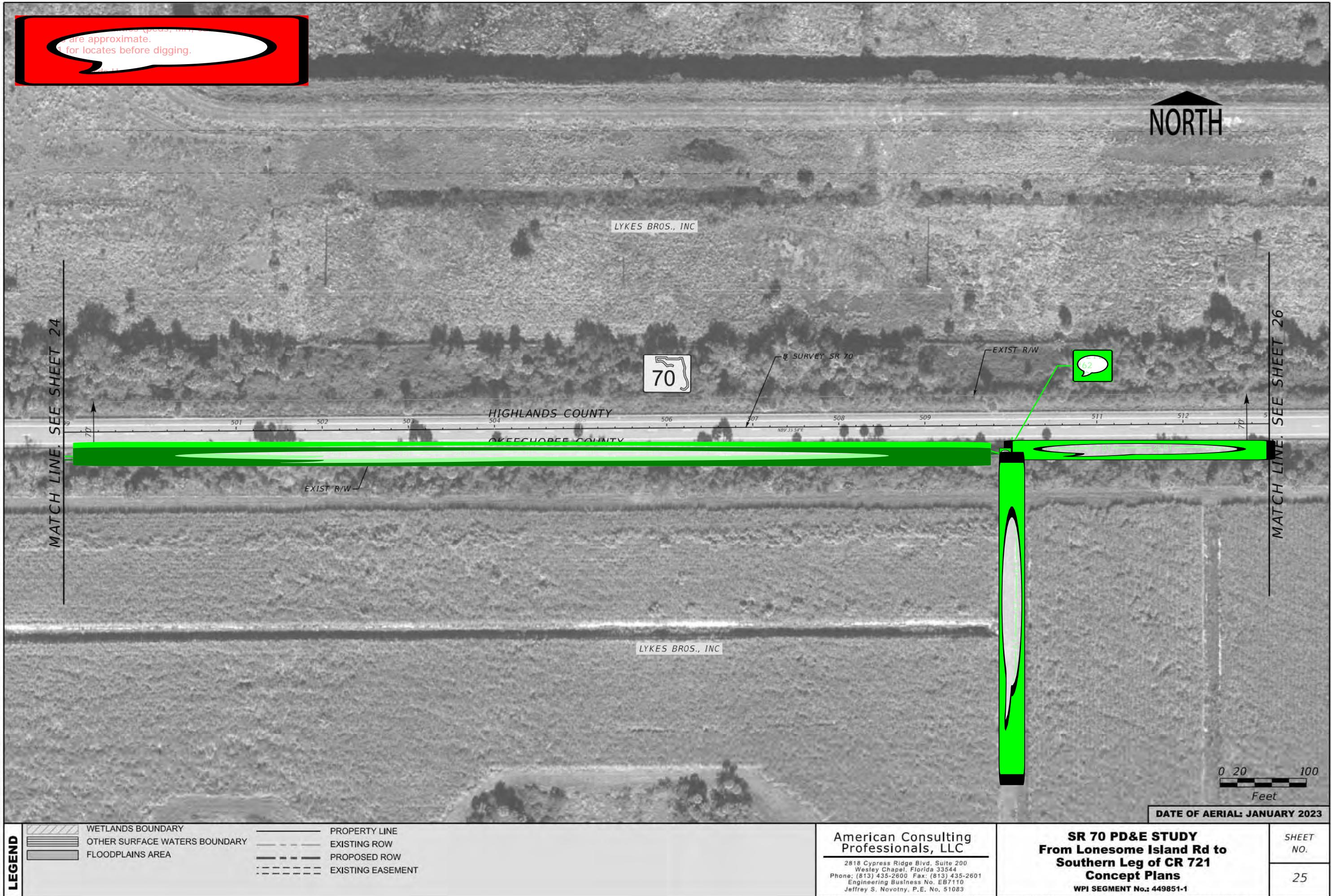
— PROPERTY LINE
— — — EXISTING ROW
— — — — PROPOSED ROW
— — — — — EXISTING EASEMENT

American Consulting
Professionals, LLC
2818 Cypress Ridge Blvd., Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EB711
Office: (813) 435-2600

**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**

SHEET
NO.

24



distances (peas, min.).
Locates are approximate.
Locates for locates before digging.

NORTH

MATCH LINE SEE SHEET 25

MATCH LINE. SEE SHEET 27

LYKES BROS., INC.

70

HIGHLANDS COUNT

OKEECHOBEE COUNTY

— B SURVEY S

✓ EXIST-R/

111

EX1

DC Bar Branch Bd

LYKES BROS.,

DATE OF AERIAL: JANUARY 2023

SHEET

26

EGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

— PROPERTY LINE
— Existing Row
— Proposed Row
- - - Existing Easement

American Consulting

**American Consulting
Professionals, LLC**

**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**

SHEET

76

distances (peas, min.).
Locates are approximate.
Locates for locates before digging.

LYKES BROS., INC.

NORTH

MATCH LINE. SEE SHEET 26

MATCH LINE. SEE SHEET 28

LYKES BROS. INC.

A scale bar with markings at 0, 20, and 100 feet. The word 'Feet' is written below the scale.

PAGE OF AERIAL: JANUARY 2023

LEGEND

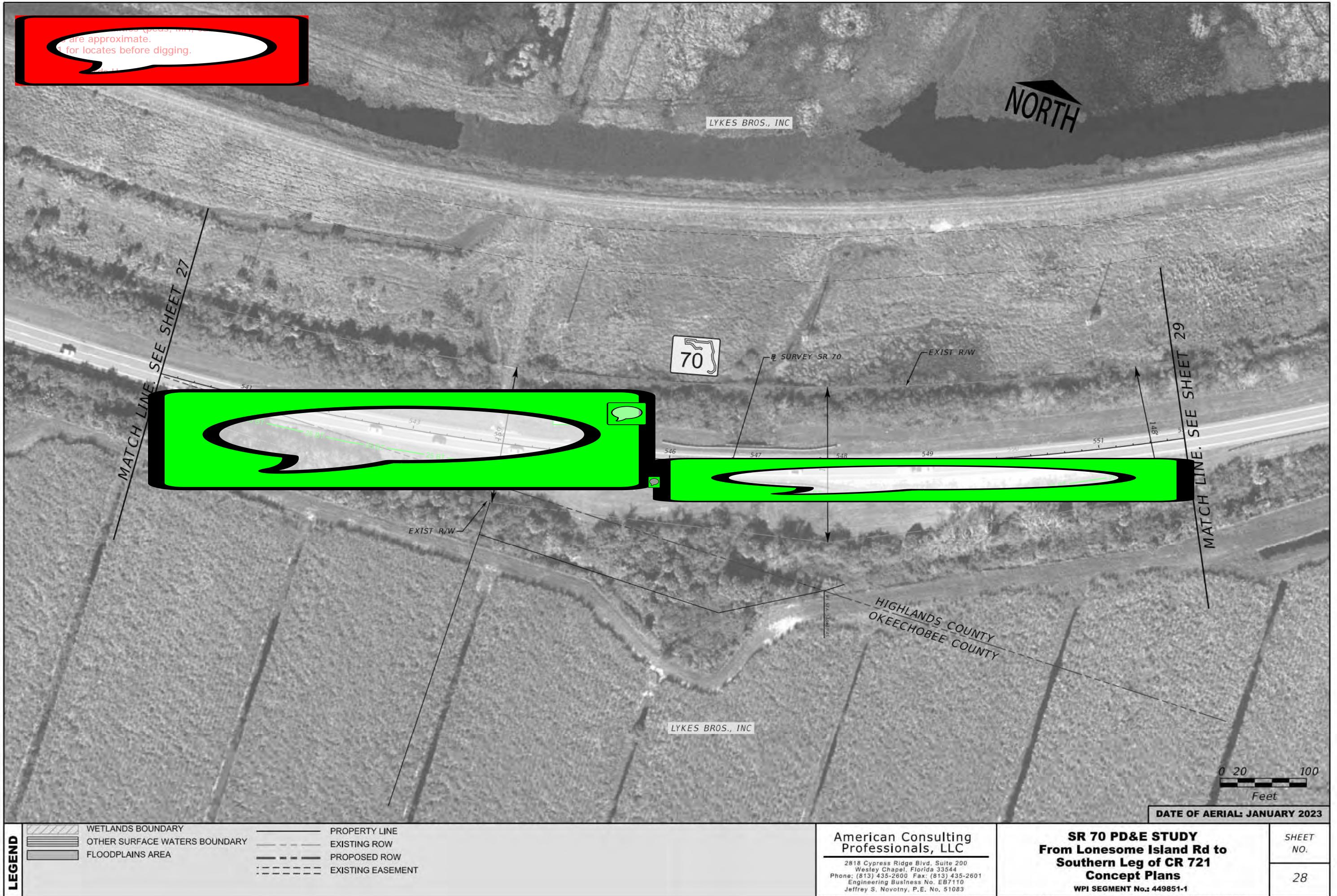
WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

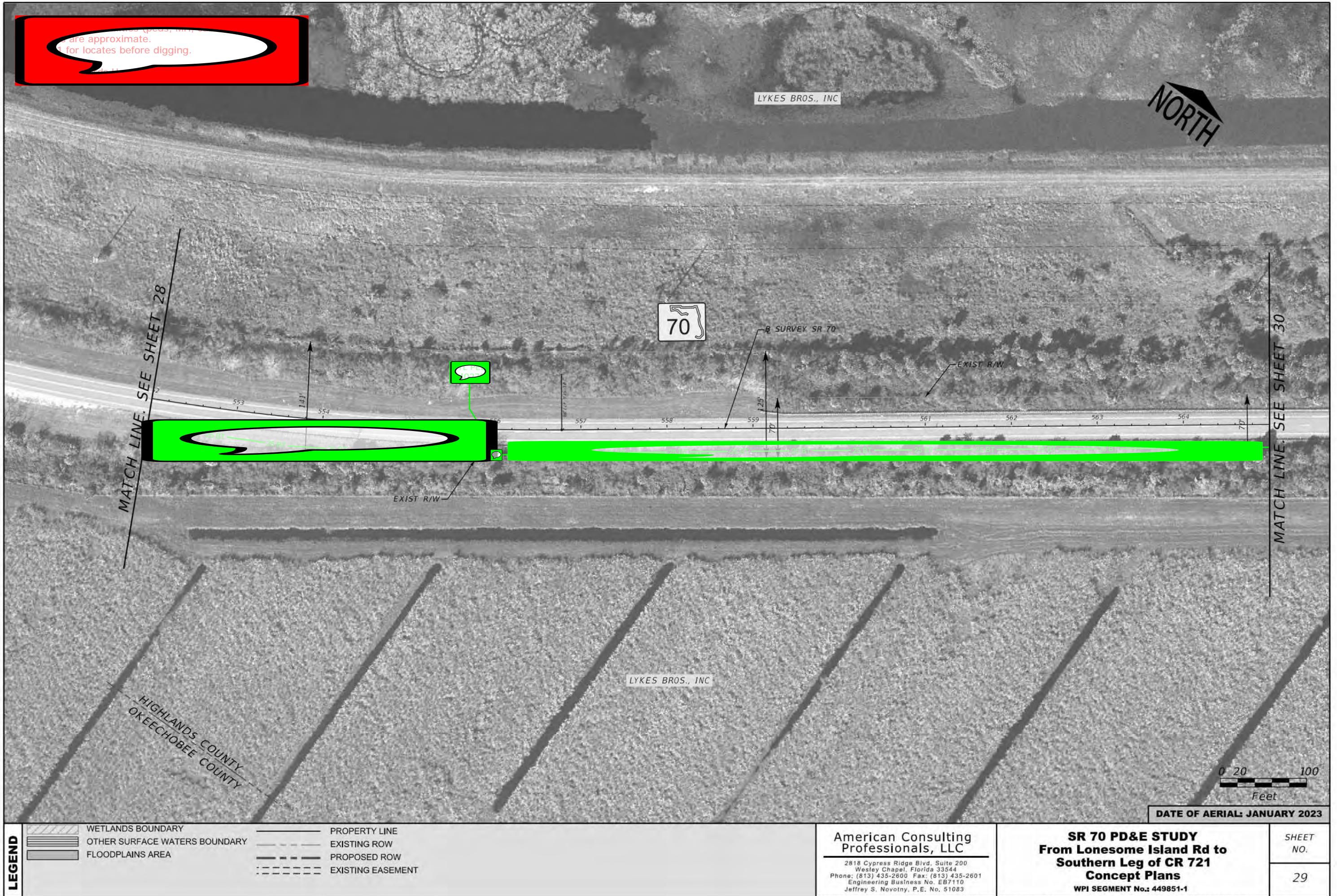
— PROPERTY LINE
— Existing Row
— Proposed Row
- - - Existing Easement

**American Consulting
Professionals, LLC**
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, Florida 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Engineering Business No. EBT110

**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**

SHEET
NO.





approximate. for locates before digging.

LYKES BROS., INC.

NORTH

This aerial photograph shows a road alignment with various survey markers and dimensions. The road is marked with a green line and has a width of 25 BT. The alignment is labeled with station numbers 566, 567, 568, 569, 571, 572, 573, 574, 575, 576, 577, and 578. A survey marker labeled 'SURVEY SR 70' is located at station 572. A road sign for 'SR 70' is also present. The photograph includes a 'MATCH LINE SEE SHEET 29' label on the left and a 'MATCH LINE SEE SHEET 31' label on the right. A green oval highlights a specific area near station 568, and a green arrow points to the 'EXIST R/W' label. A green line also highlights the road alignment.

LYKES BROS., INC.

A scale bar with markings at 0, 20, and 100 feet, with intermediate tick marks every 10 feet. Below the scale bar, the word "Feet" is written in a cursive font.

DATE OF AERIAL: JANUARY 2023

LEGEND

WETLANDS BOUNDARY
OTHER SURFACE WATERS BOUNDARY
FLOODPLAINS AREA

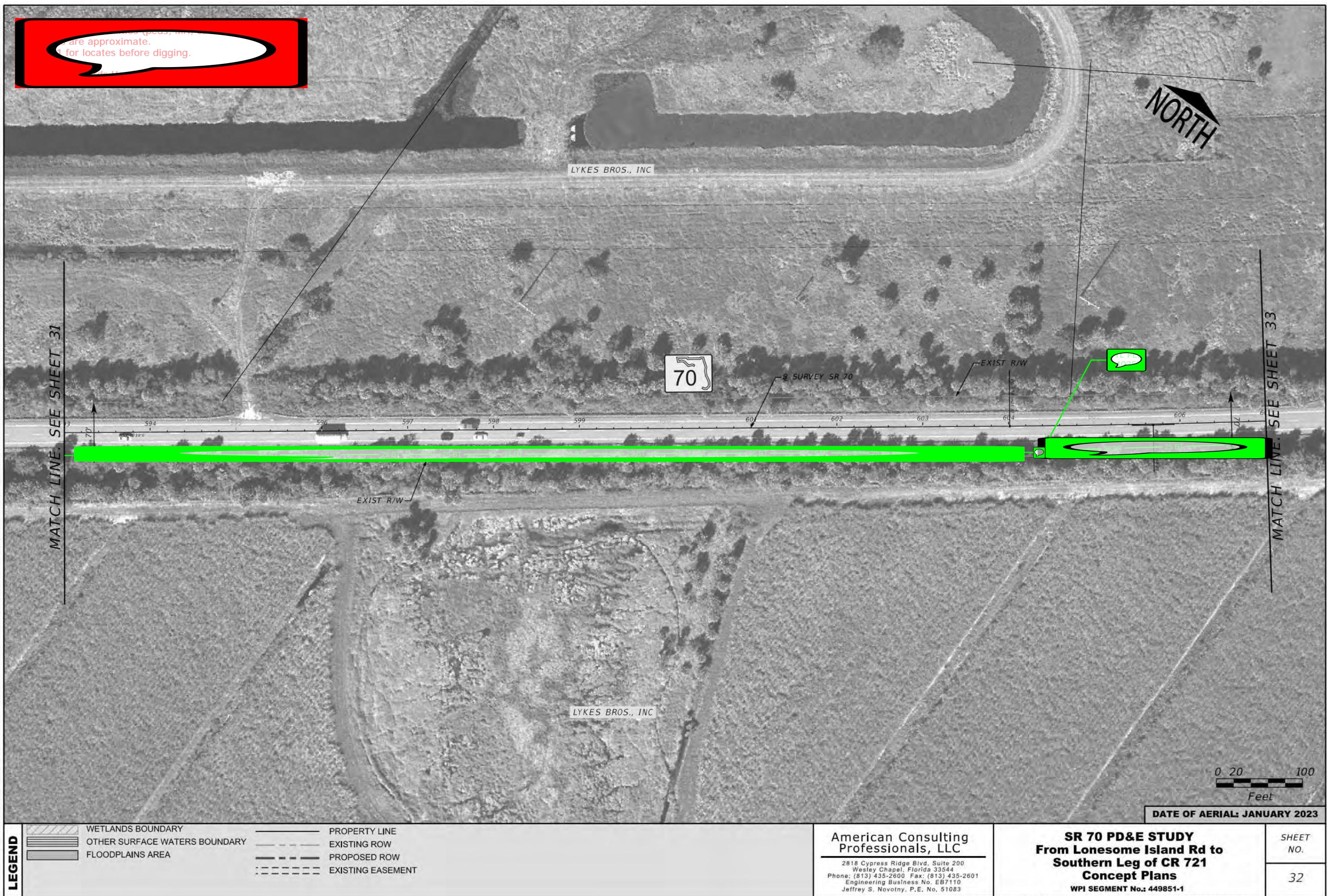
— PROPERTY LINE
— EXISTING ROW
— PROPOSED ROW
- - - - EXISTING EASEMENT

**American Consulting
Professionals, LLC**

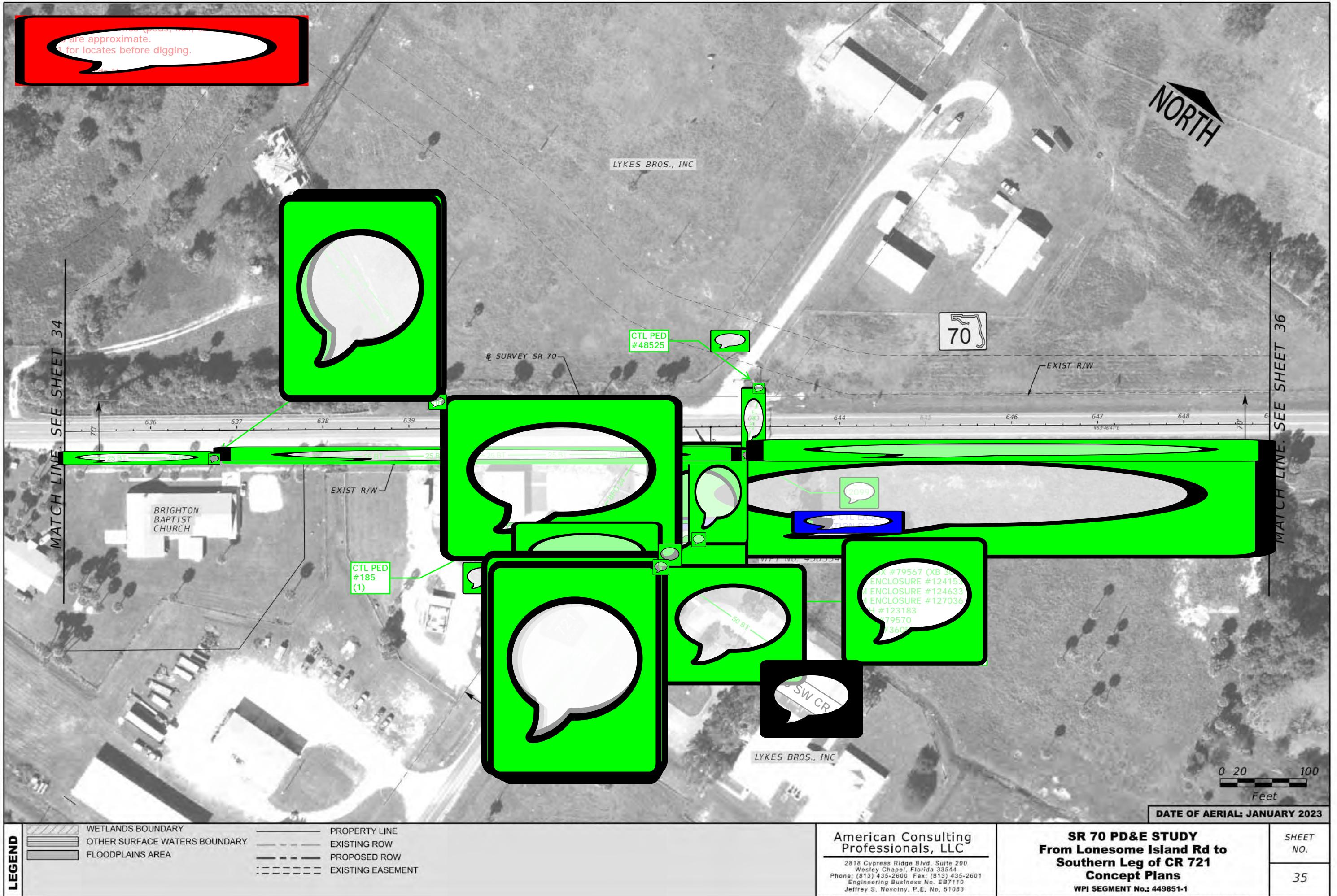
**SR 70 PD&E STUDY
From Lonesome Island Rd to
Southern Leg of CR 721
Concept Plans**

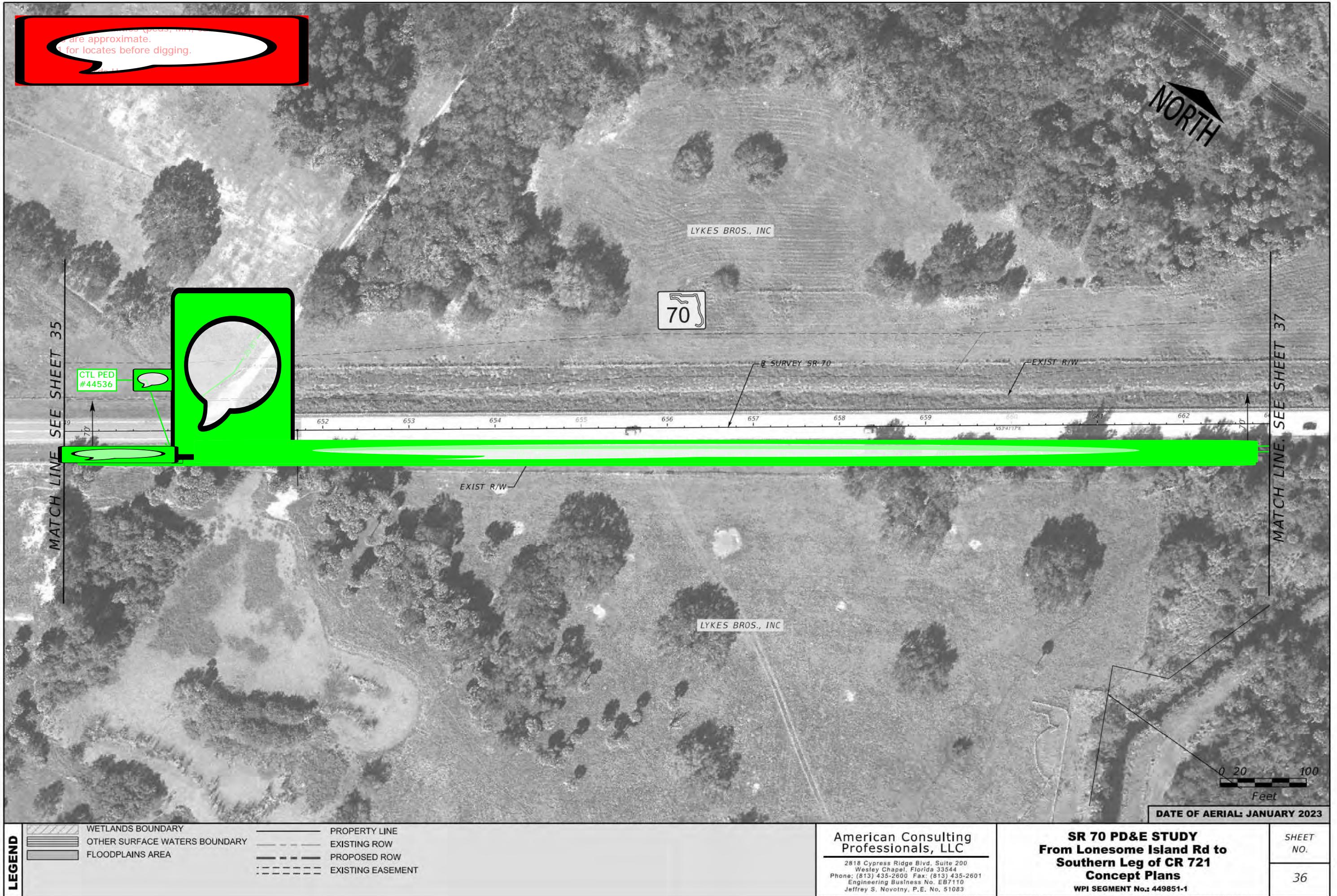
SHEET
NO.

30



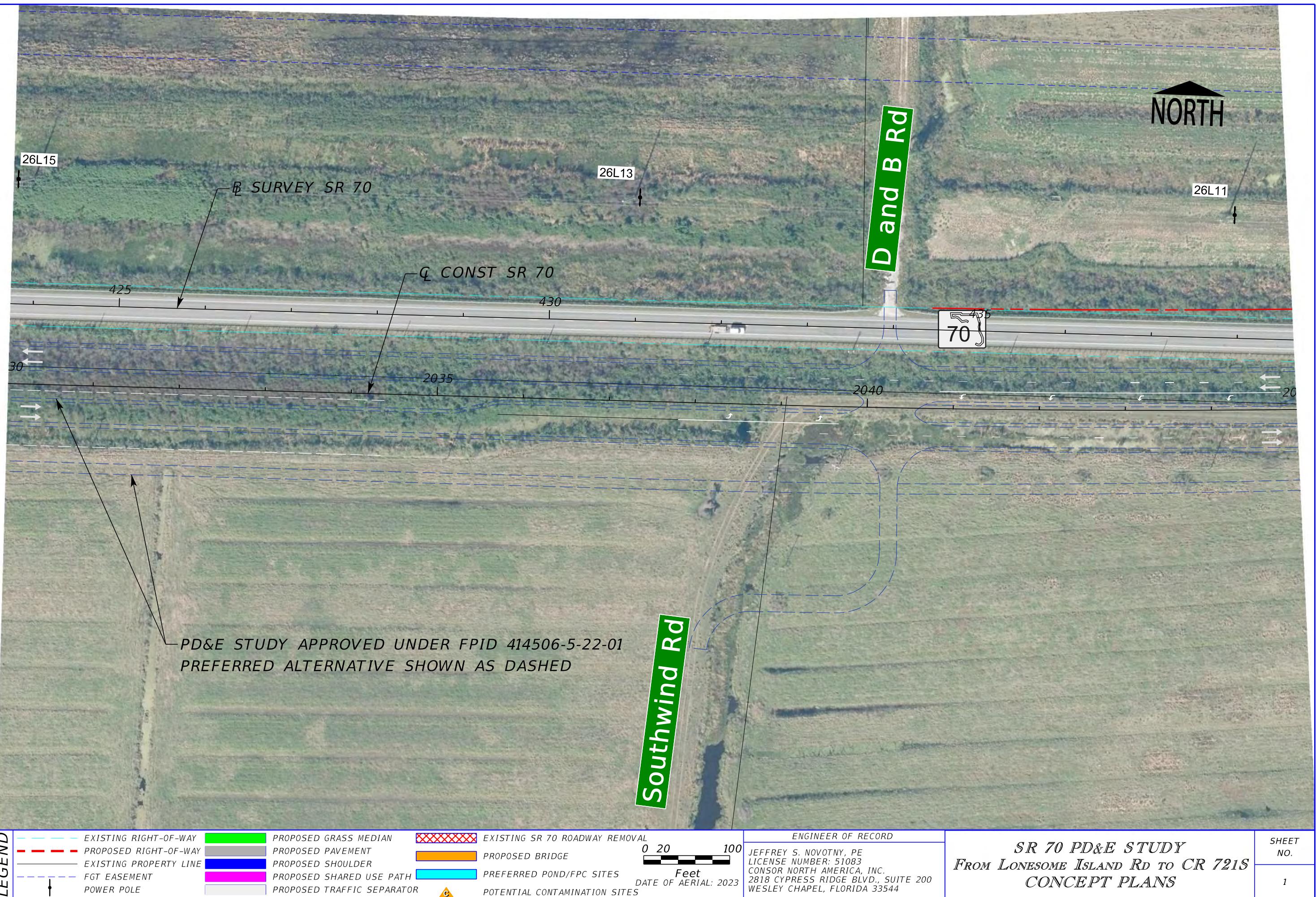








**APPENDIX C
PREFERRED ALTERNATIVE CONCEPT PLANS**





PREMIER CITRUS, LLC

26L9

CONST SR 70

26L7

SURVEY SR 70

440

445

45

2050

70

2055

450

20

BEGIN PROJECT
PD&E STUDY FPID 449851-1-22-01
STA. 2046+48.72
MATCH PREFERRED ALTERNATIVE FROM
PD&E STUDY FOR FPID 414506-5-22-01

MACHADO FAMILY LIMITED

JERRY L & JAMES A EMMERT

LEGEND

EXISTING RIGHT-OF-WAY	PROPOSED GRASS MEDIAN
PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT
EXISTING PROPERTY LINE	PROPOSED SHOULDER
FGT EASEMENT	PROPOSED SHARED USE PATH
POWER POLE	PROPOSED TRAFFIC SEPARATOR

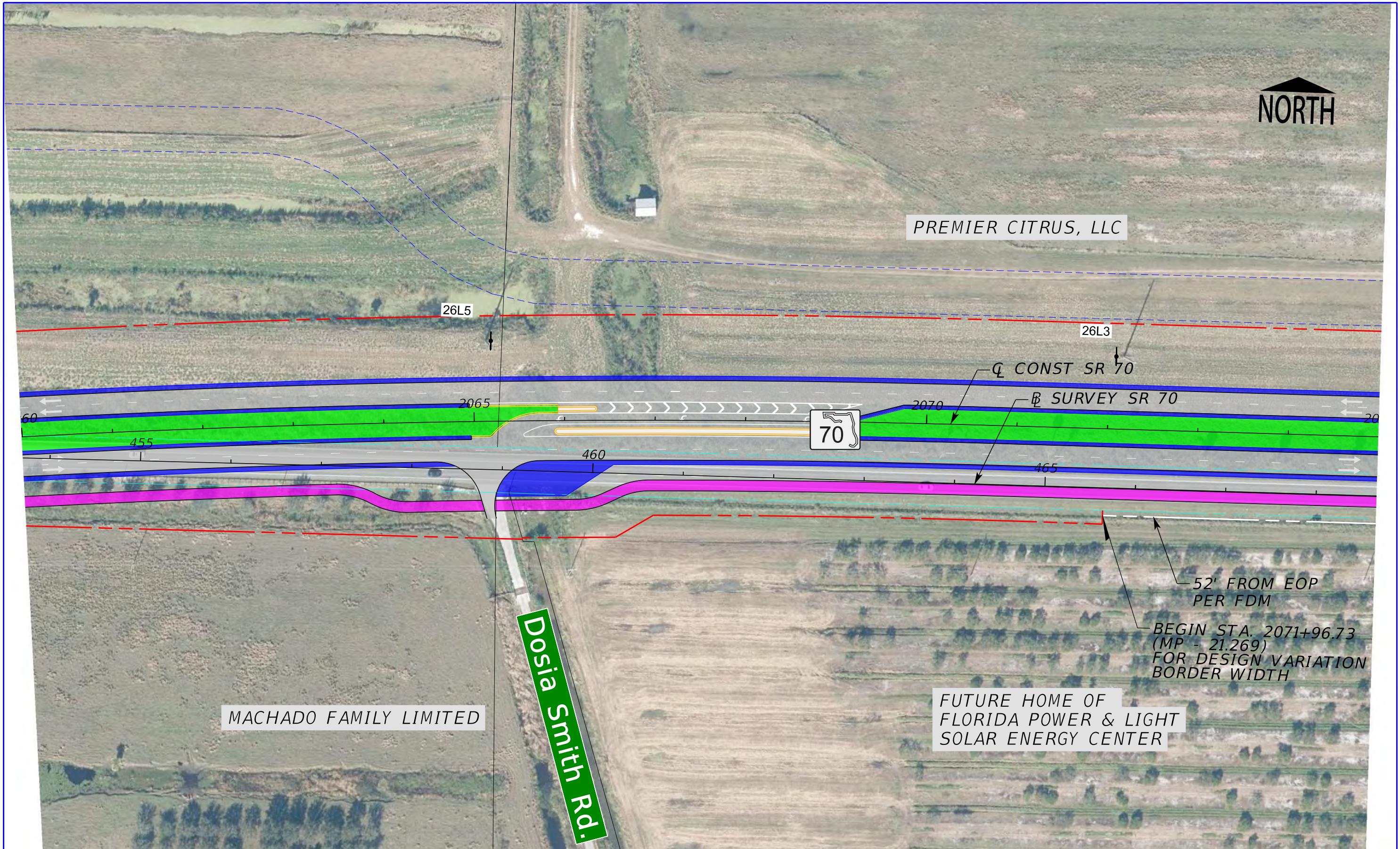
EXISTING SR 70 ROADWAY REMOVAL
PROPOSED BRIDGE
PREFERRED POND/FPC SITES
POTENTIAL CONTAMINATION SITES


0	20	100
Feet		
DATE OF AERIAL: 2023		

ENGINEER OF RECORD
JEFFREY S. NOVOTNY, PE
LICENSE NUMBER: 51083
CONSOR NORTH AMERICA, INC.
2818 CYPRESS RIDGE BLVD., SUITE 200
WESLEY CHAPEL, FLORIDA 33544

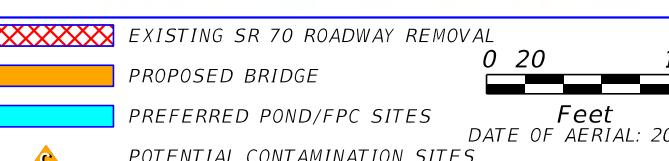
SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS

SHEET NO.
2



LEGEND

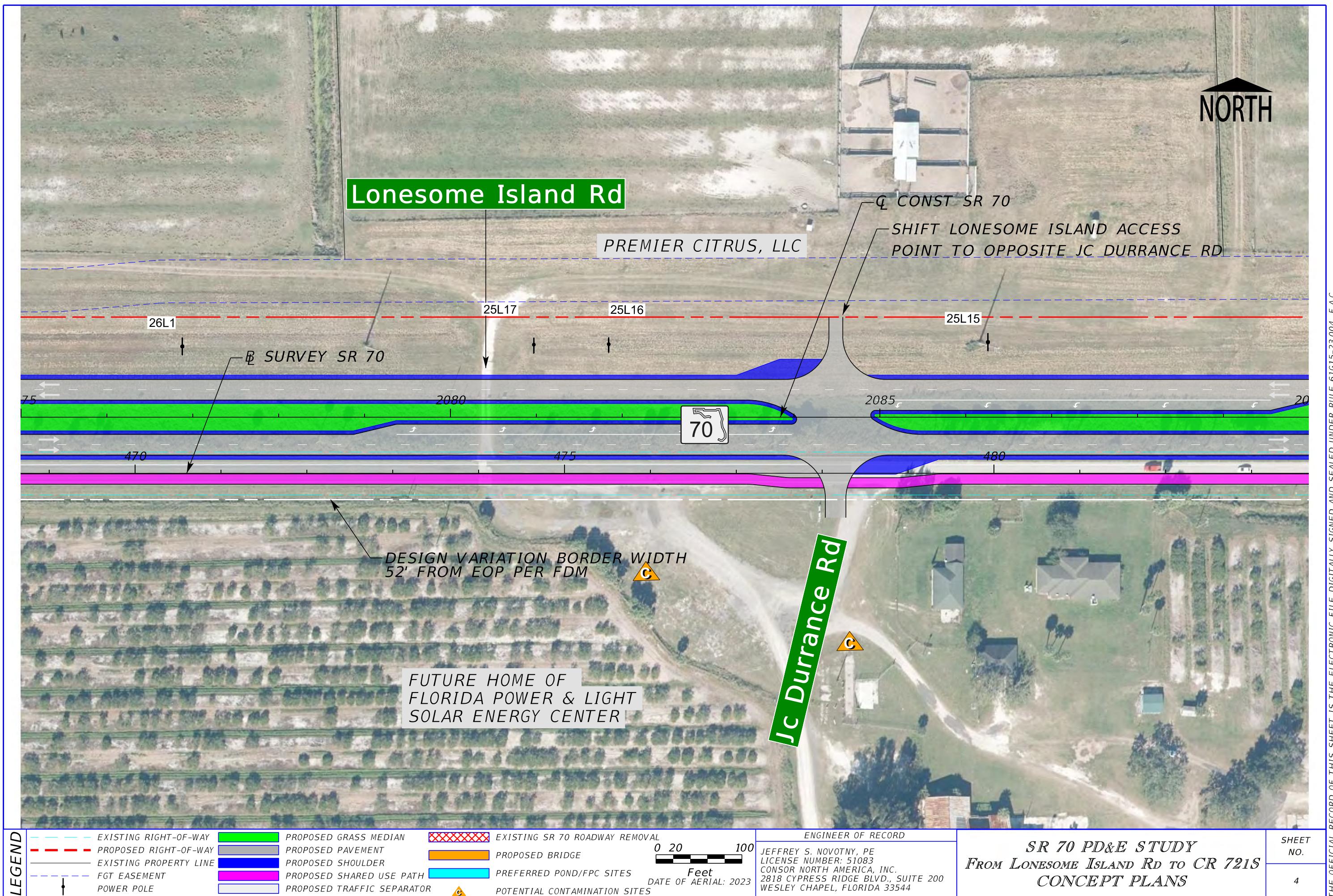
EXISTING RIGHT-OF-WAY	PROPOSED GRASS MEDIAN	EXISTING SR 70 ROADWAY REMOVAL
PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT	PROPOSED BRIDGE
EXISTING PROPERTY LINE	PROPOSED SHOULDER	PREFERRED POND/FPC SITES
FGT EASEMENT	PROPOSED SHARED USE PATH	PROPOSED TRAFFIC SEPARATOR
POWER POLE		POTENTIAL CONTAMINATION SITES



ENGINEER OF RECORD
JEFFREY S. NOVOTNY, PE
LICENSE NUMBER: 51083
CONSOR NORTH AMERICA, INC.
2818 CYPRESS RIDGE BLVD., SUITE 200
WESLEY CHAPEL, FLORIDA 33544

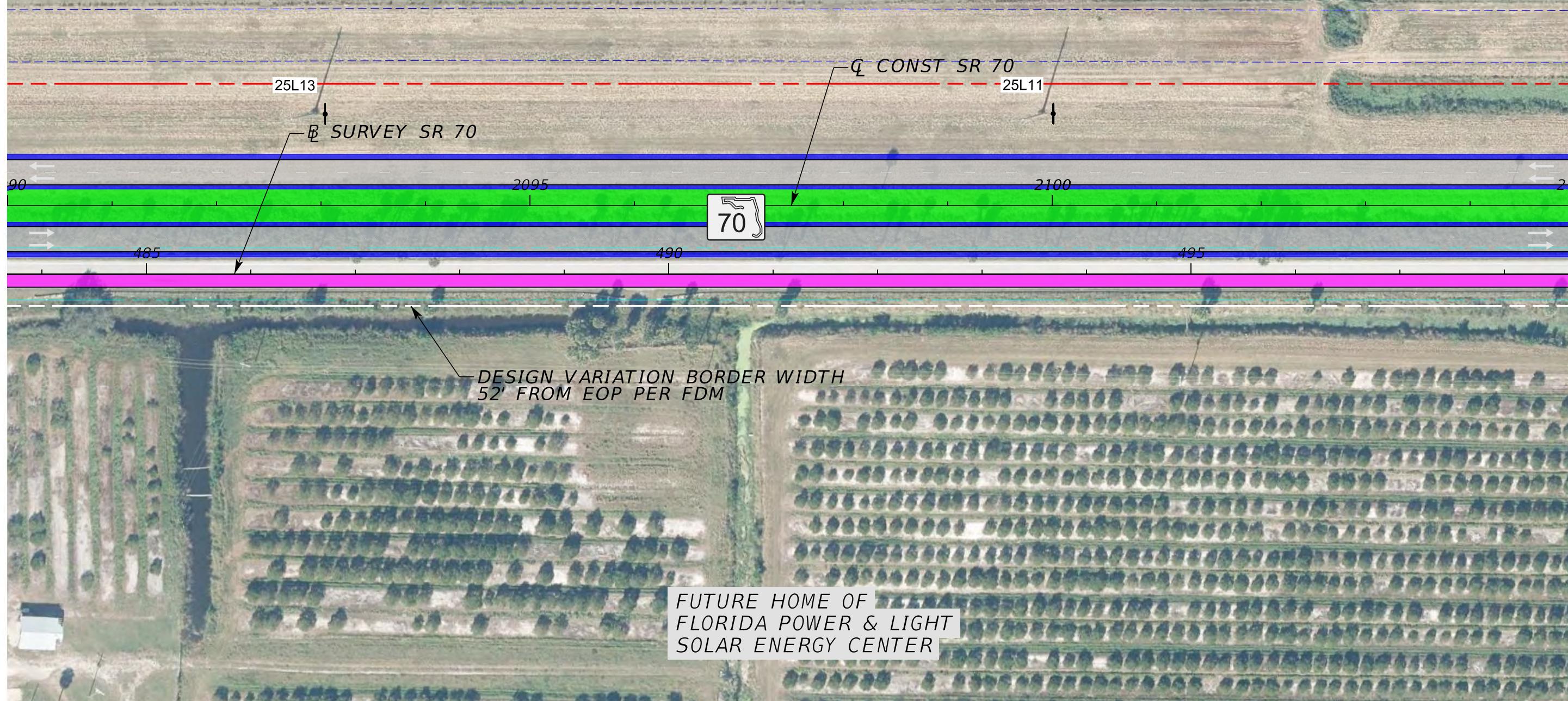
SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS

SHEET NO.
3





PREMIER CITRUS, LLC



LEGEND

EXISTING RIGHT-OF-WAY	PROPOSED GRASS MEDIAN	EXISTING SR 70 ROADWAY REMOVAL
PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT	PROPOSED BRIDGE
EXISTING PROPERTY LINE	PROPOSED SHOULDER	PROPOSED POND/FPC SITES
FGT EASEMENT	PROPOSED SHARED USE PATH	PROPOSED TRAFFIC SEPARATOR
POWER POLE		POTENTIAL CONTAMINATION SITES

0 20 100
Feet
DATE OF AERIAL: 2023
POTENTIAL CONTAMINATION SITES

ENGINEER OF RECORD
JEFFREY S. NOVOTNY, PE
LICENSE NUMBER: 51083
CONSOR NORTH AMERICA, INC.
2818 CYPRESS RIDGE BLVD., SUITE 200
WESLEY CHAPEL, FLORIDA 33544

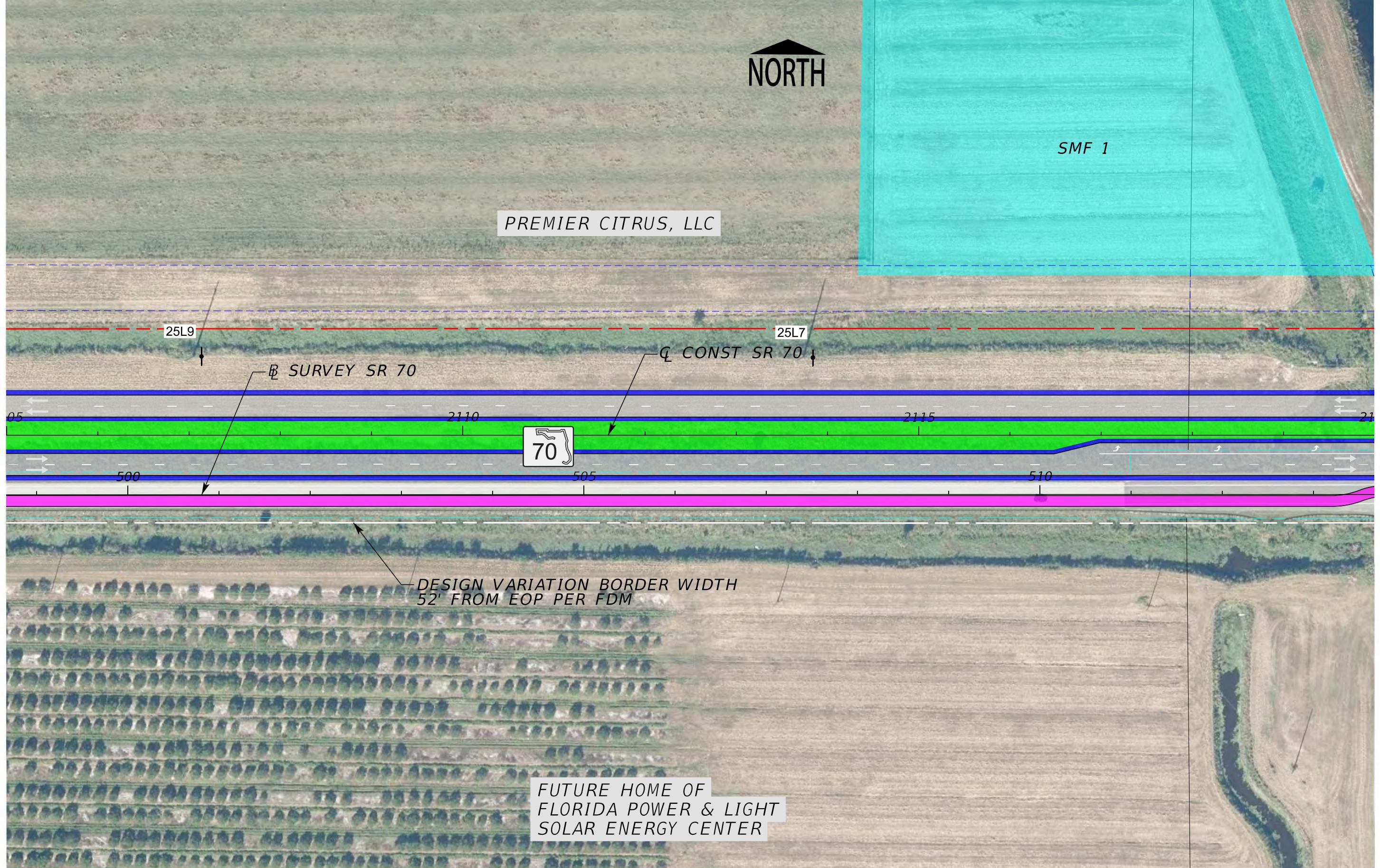
SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS

SHEET NO.
5

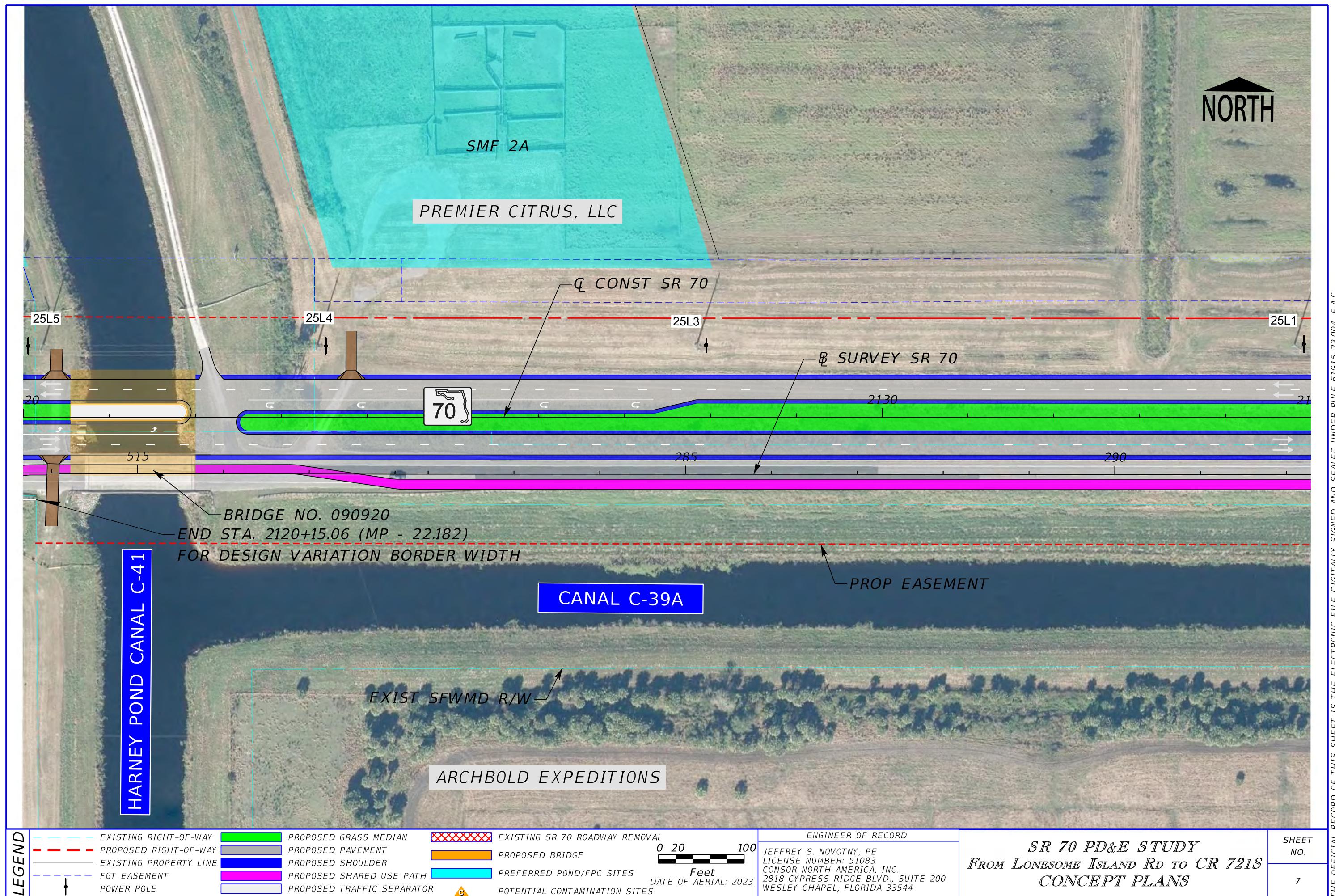

NORTH

SMF 1

PREMIER CITRUS, LLC

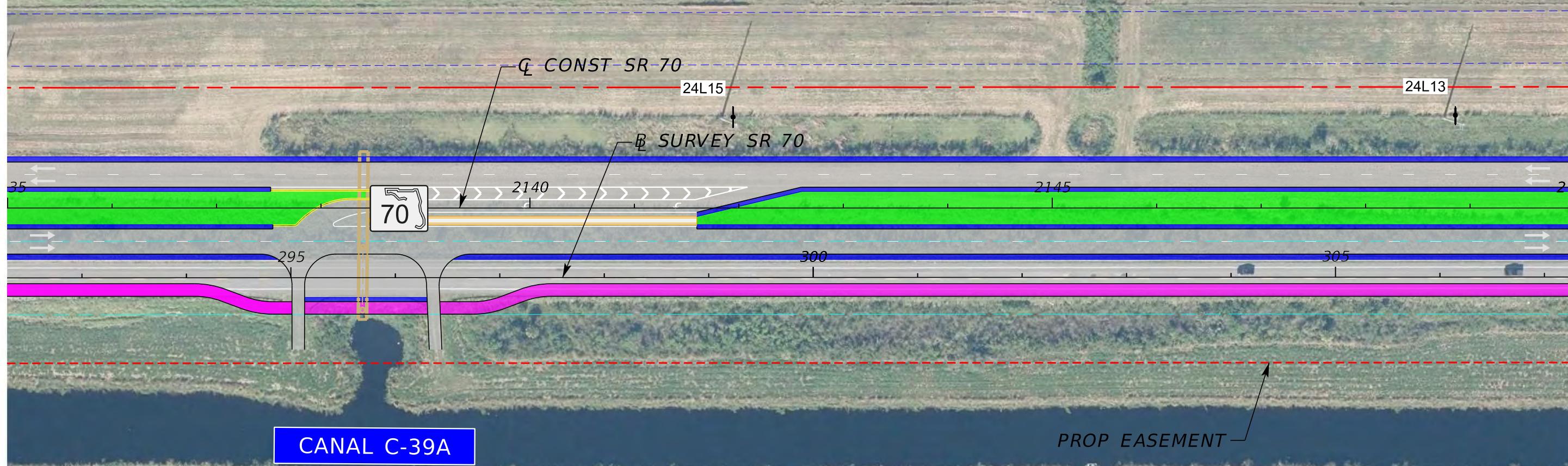


LEGEND	SR 70 PD&E STUDY FROM LONESOME ISLAND Rd TO CR 721S CONCEPT PLANS										SHEET NO.
	EXISTING RIGHT-OF-WAY	PROPOSED RIGHT-OF-WAY	EXISTING PROPERTY LINE	FGT EASEMENT	POWER POLE	PROPOSED GRASS MEDIAN	PROPOSED PAVEMENT	PROPOSED SHOULDER	PROPOSED SHARED USE PATH	PROPOSED TRAFFIC SEPARATOR	
ENGINEER OF RECORD	JEFFREY S. NOVOTNY, PE LICENSE NUMBER: 51083 CONSOR NORTH AMERICA, INC. 2818 CYPRESS RIDGE BLVD., SUITE 200 WESLEY CHAPEL, FLORIDA 33544										6
POTENTIAL CONTAMINATION SITES	DATE OF AERIAL: 2023										





PREMIER CITRUS, LLC



LEGEND

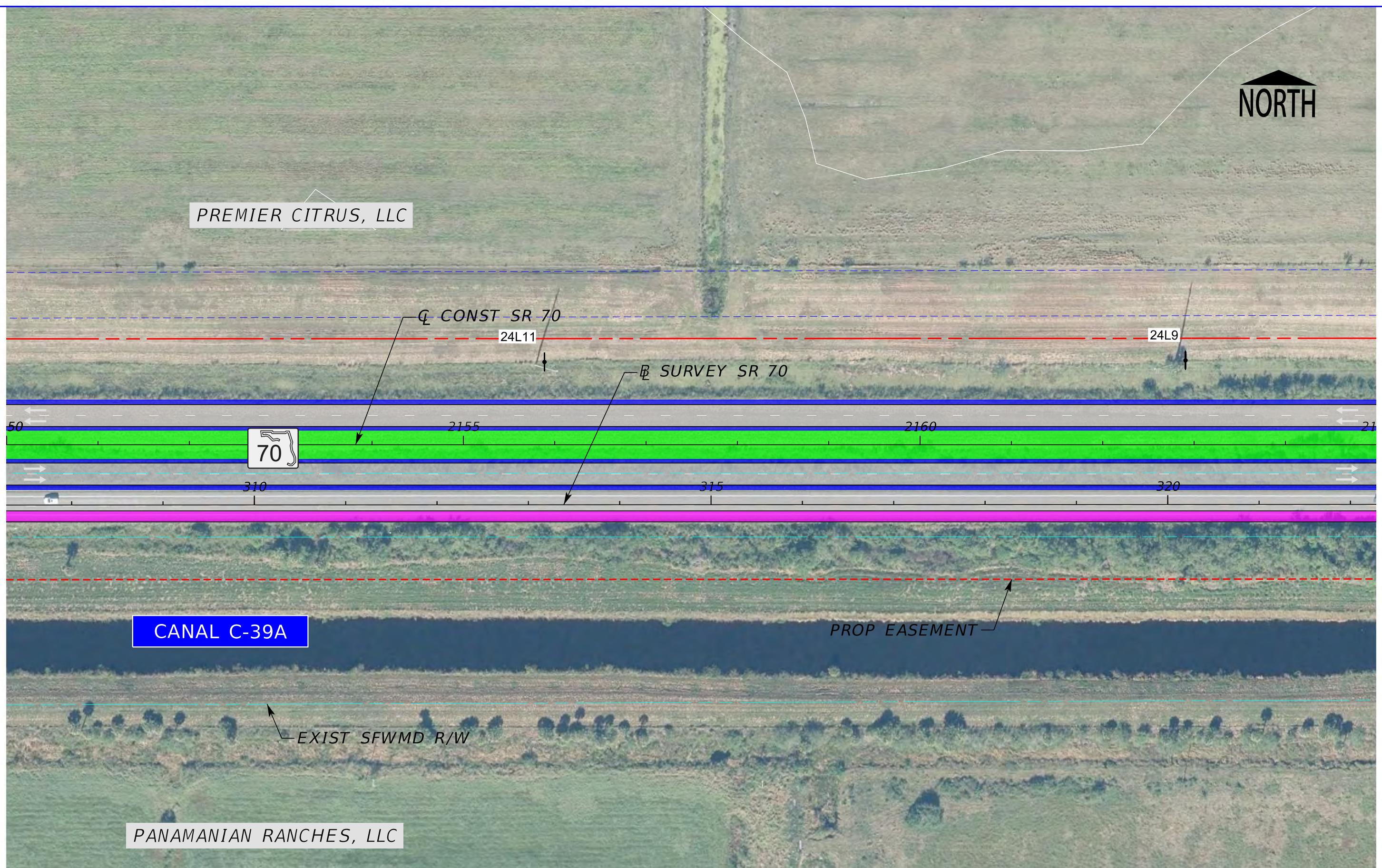
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PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT	PROPOSED BRIDGE
EXISTING PROPERTY LINE	PROPOSED SHOULDER	PREFERRED POND/FPC SITES
FGT EASEMENT	PROPOSED SHARED USE PATH	PROPOSED TRAFFIC SEPARATOR
POWER POLE		POTENTIAL CONTAMINATION SITES

0 20 100
Feet
DATE OF AERIAL: 2023
POTENTIAL CONTAMINATION SITES

ENGINEER OF RECORD
JEFFREY S. NOVOTNY, PE
LICENSE NUMBER: 51083
CONSOR NORTH AMERICA, INC.
2818 CYPRESS RIDGE BLVD., SUITE 200
WESLEY CHAPEL, FLORIDA 33544

SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS

SHEET NO.
8

NORTH

LEGEND

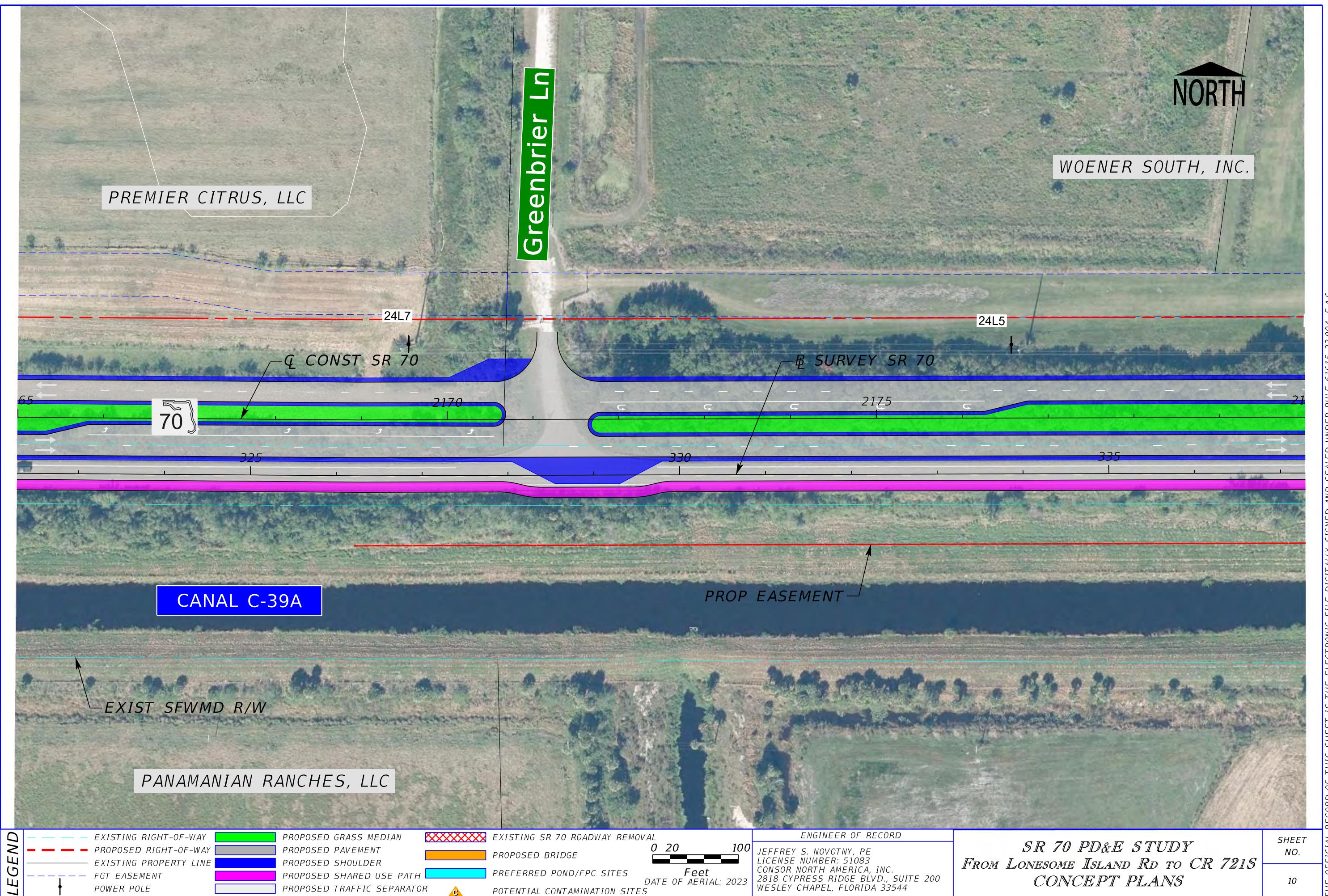
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PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT
EXISTING PROPERTY LINE	PROPOSED SHOULDER
FGT EASEMENT	PROPOSED SHARED USE PATH
POWER POLE	PROPOSED TRAFFIC SEPARATOR

EXISTING SR 70 ROADWAY REMOVAL
PROPOSED BRIDGE
PREFERRED POND/FPC SITES
POTENTIAL CONTAMINATION SITES

ENGINEER OF RECORD
JEFFREY S. NOVOTNY, PE
LICENSE NUMBER: 51083
CONSOR NORTH AMERICA, INC.
2818 CYPRESS RIDGE BLVD., SUITE 200
WESLEY CHAPEL, FLORIDA 33544

SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS

SHEET NO.
9




 NORTH

WOENER SOUTH, INC.



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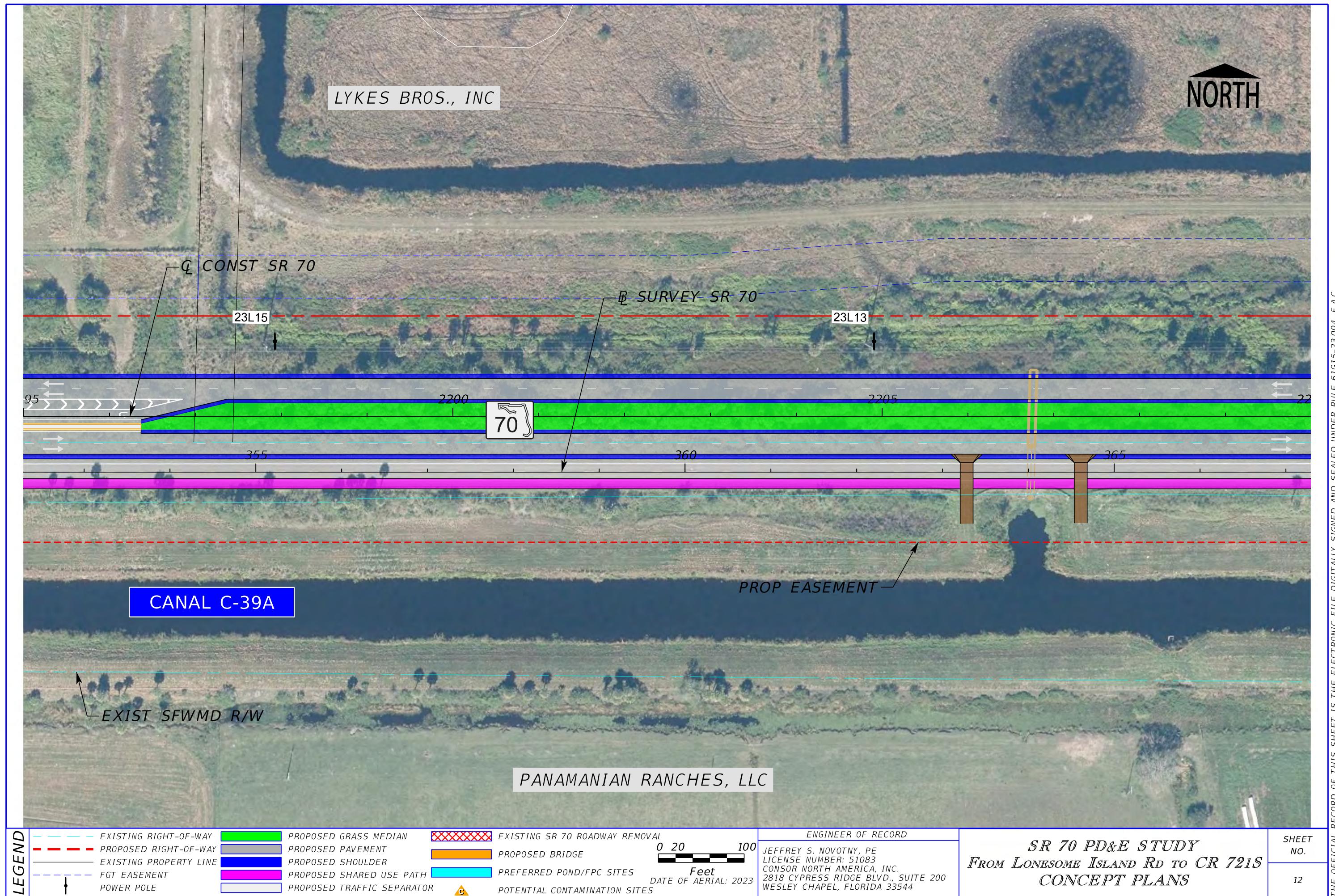
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EXISTING PROPERTY LINE	PROPOSED SHOULDER	PREFERRED POND/FPC SITES
FGT EASEMENT	PROPOSED SHARED USE PATH	PROPOSED TRAFFIC SEPARATOR
POWER POLE		

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Feet		
DATE OF AERIAL: 2023		

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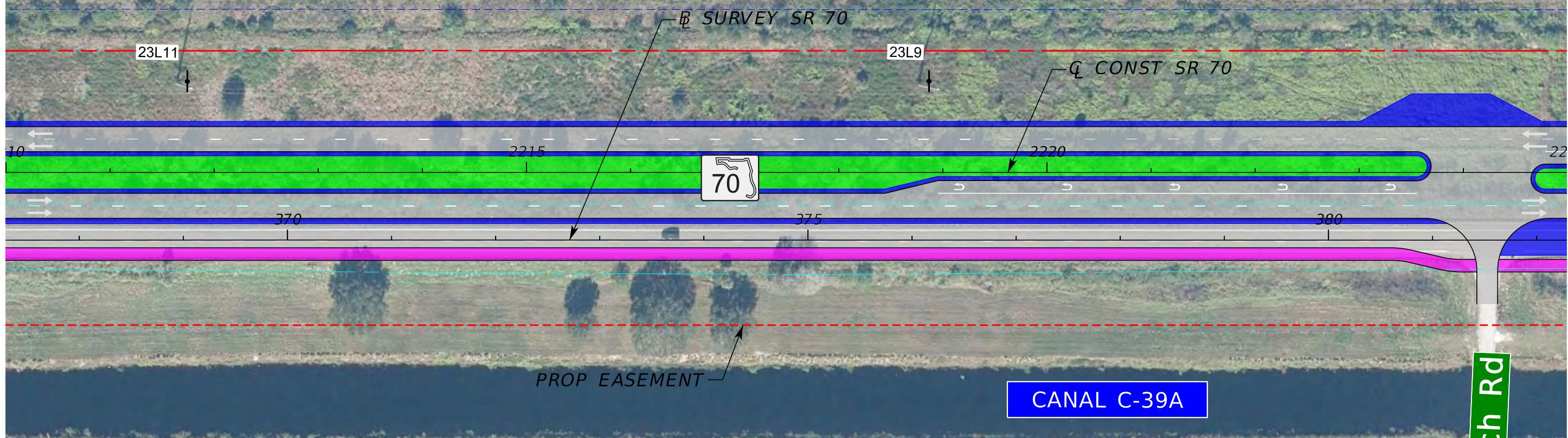
SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS

SHEET NO.
11



NORTH

LYKES BROS., INC



LEGEND

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PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT
EXISTING PROPERTY LINE	PROPOSED SHOULDER
FGT EASEMENT	PROPOSED SHARED USE PATH
POWER POLE	PROPOSED TRAFFIC SEPARATOR

EXISTING SR 70 ROADWAY REMOVAL
PROPOSED BRIDGE
PREFERRED POND/FPC SITES
POTENTIAL CONTAMINATION SITES
DATE OF AERIAL: 2023

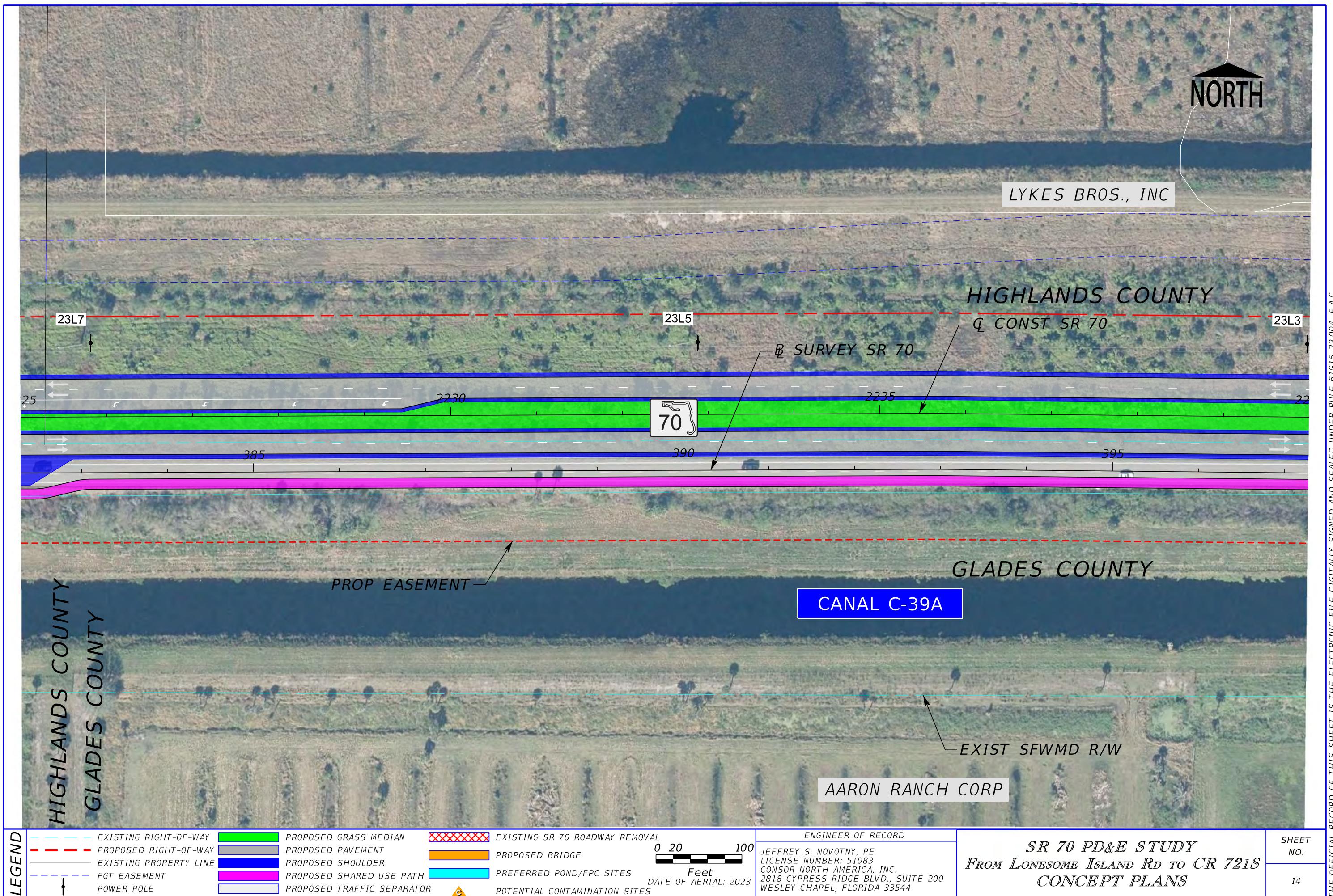
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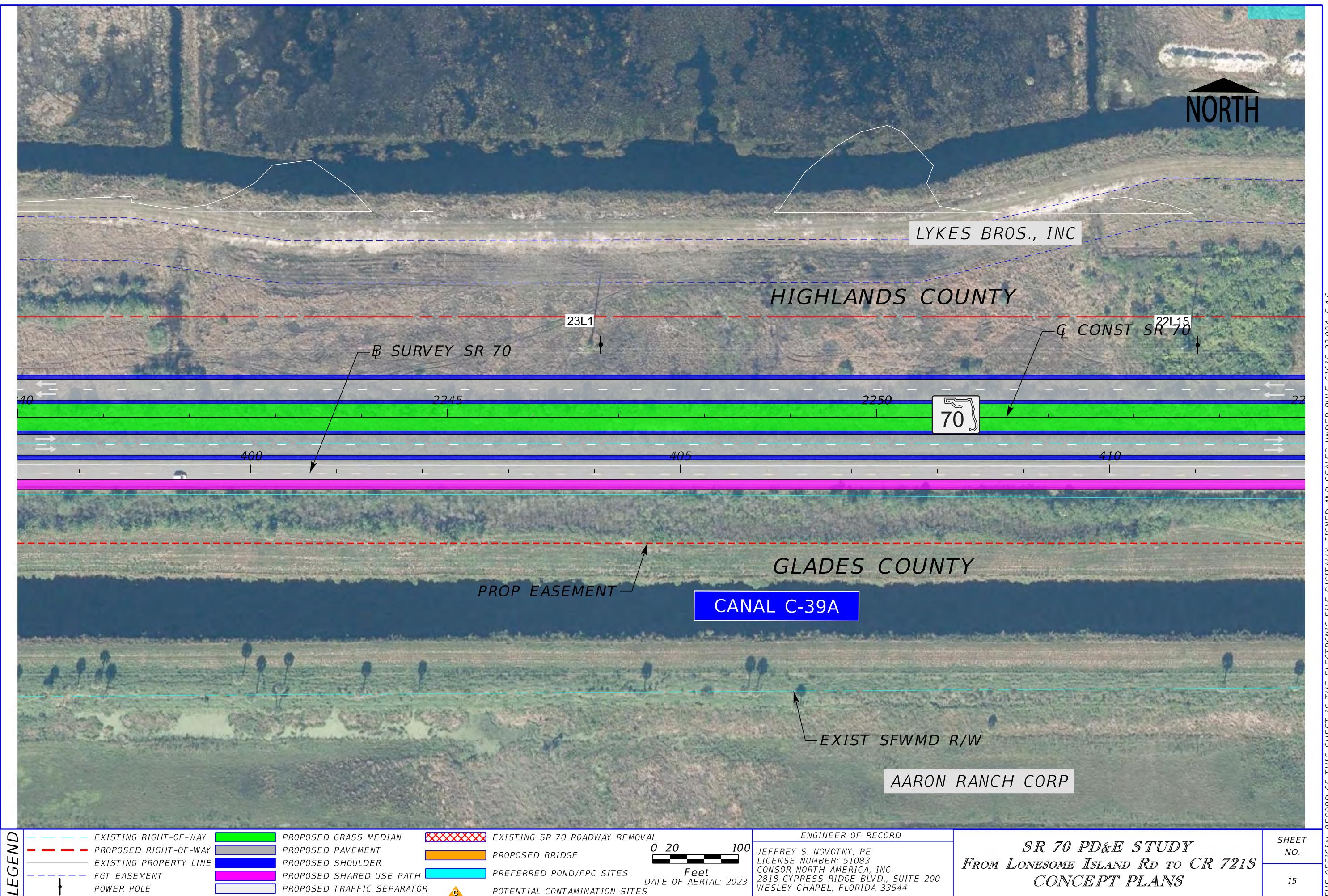
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LICENSE NUMBER: 51083
CONSOR NORTH AMERICA, INC.
2818 CYPRESS RIDGE BLVD., SUITE 200
WESLEY CHAPEL, FLORIDA 33544

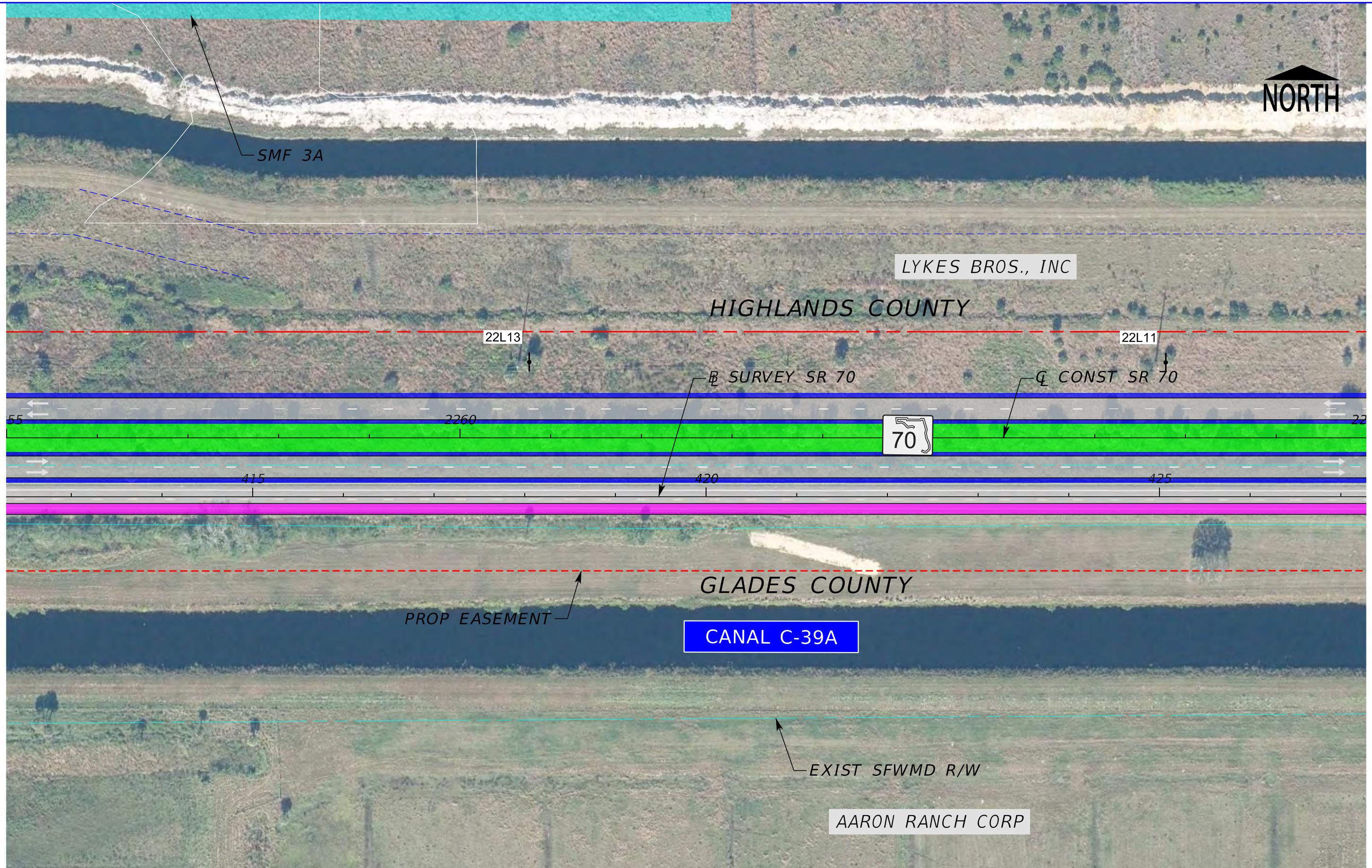
SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS

SHEET NO.

13

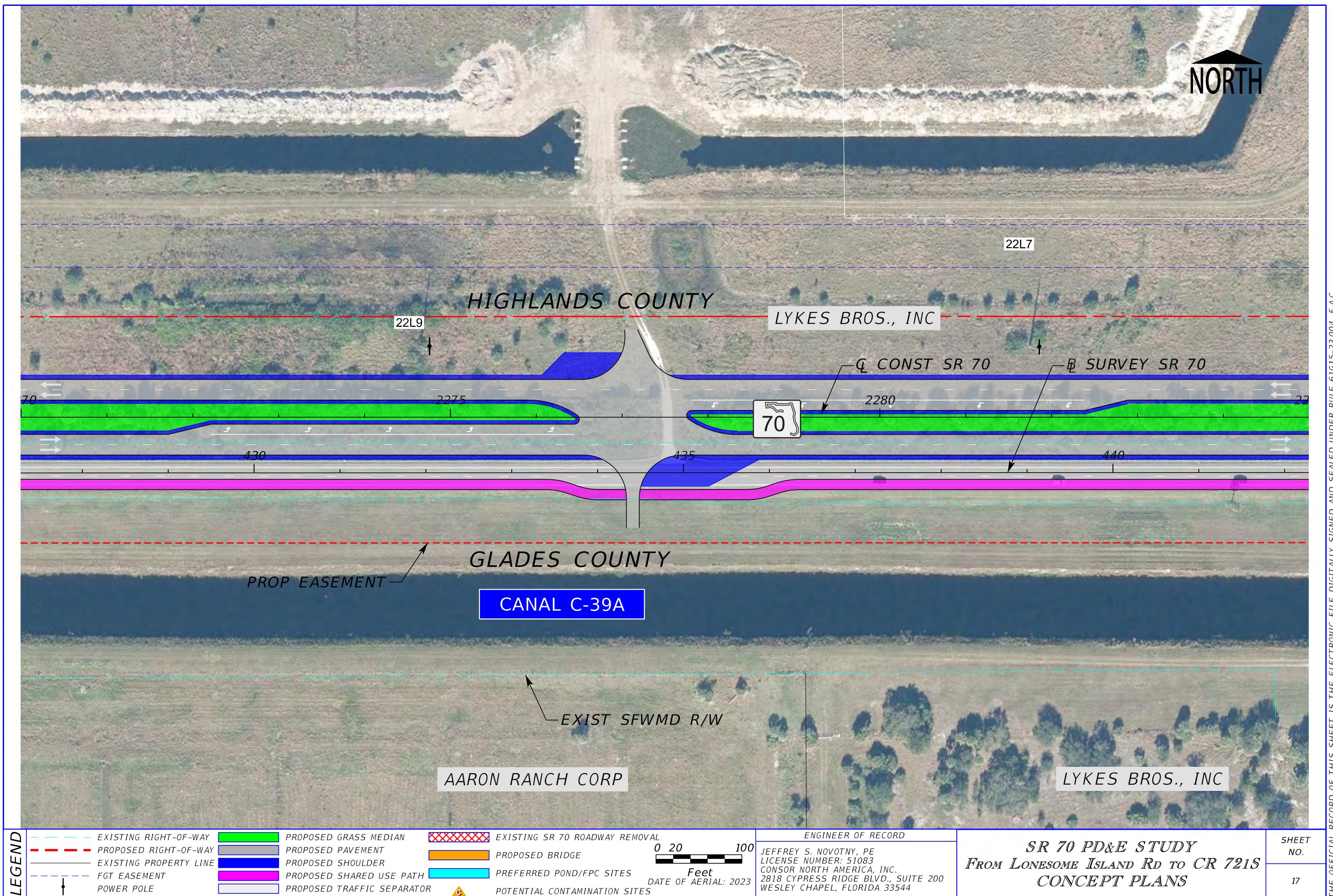


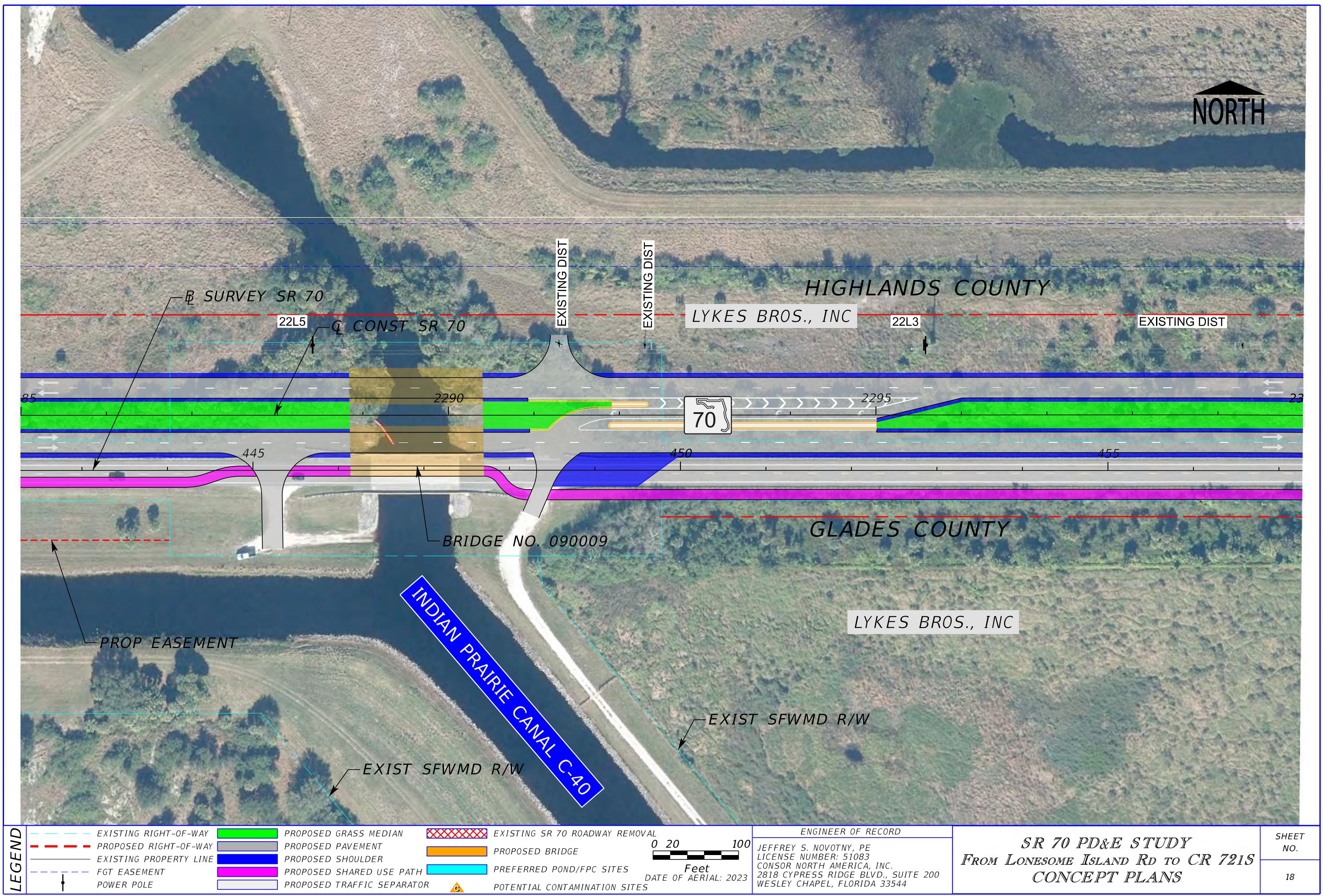


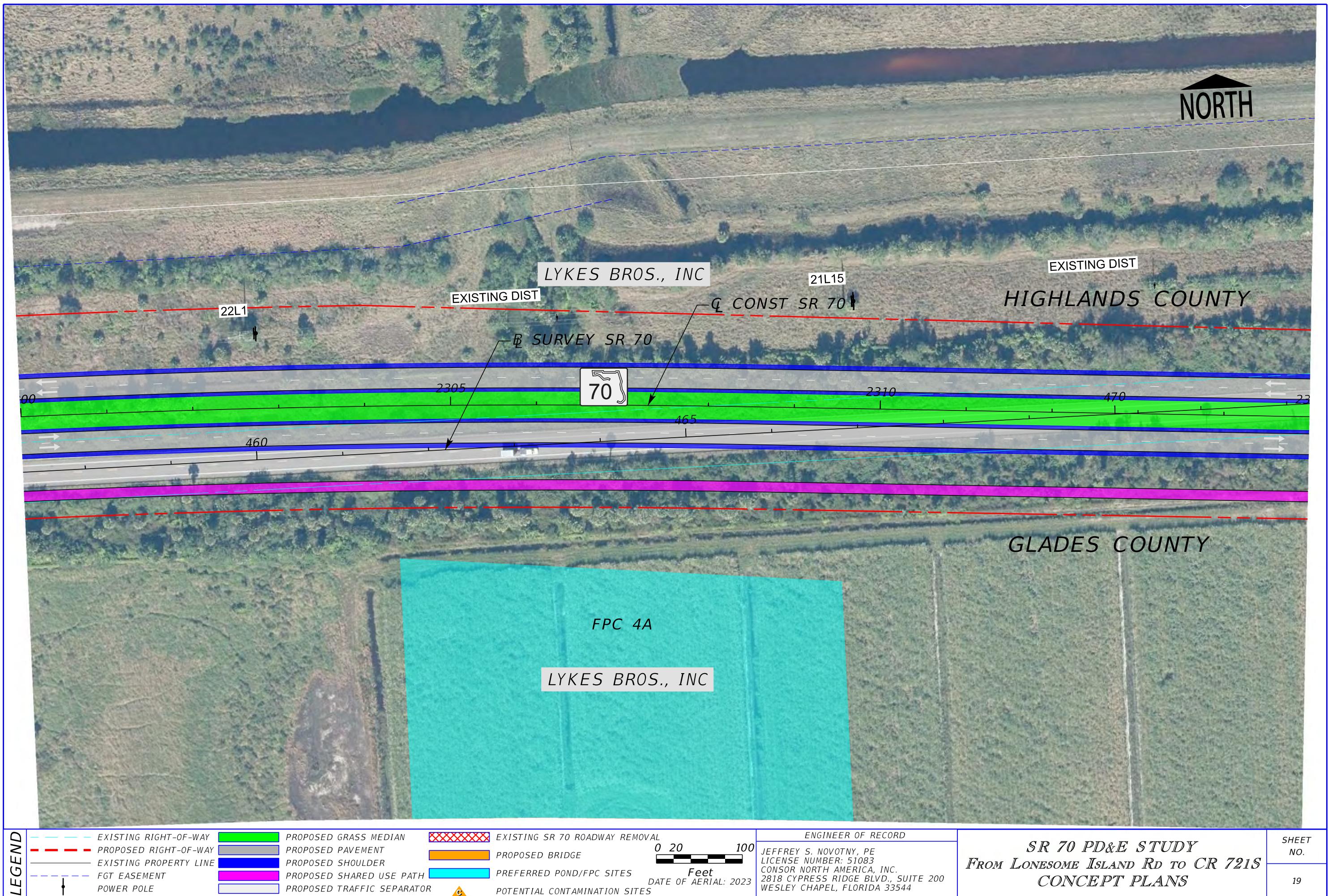



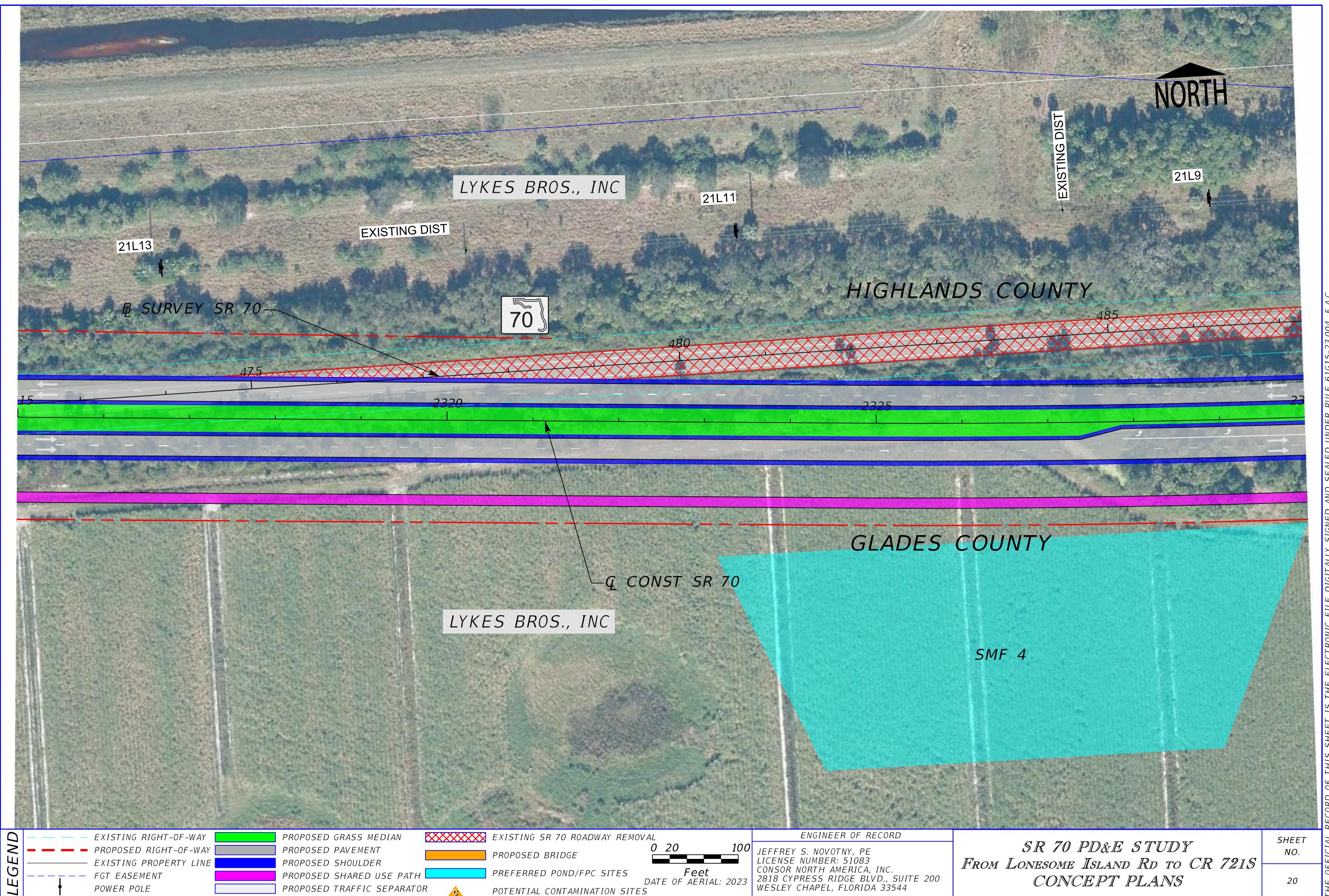
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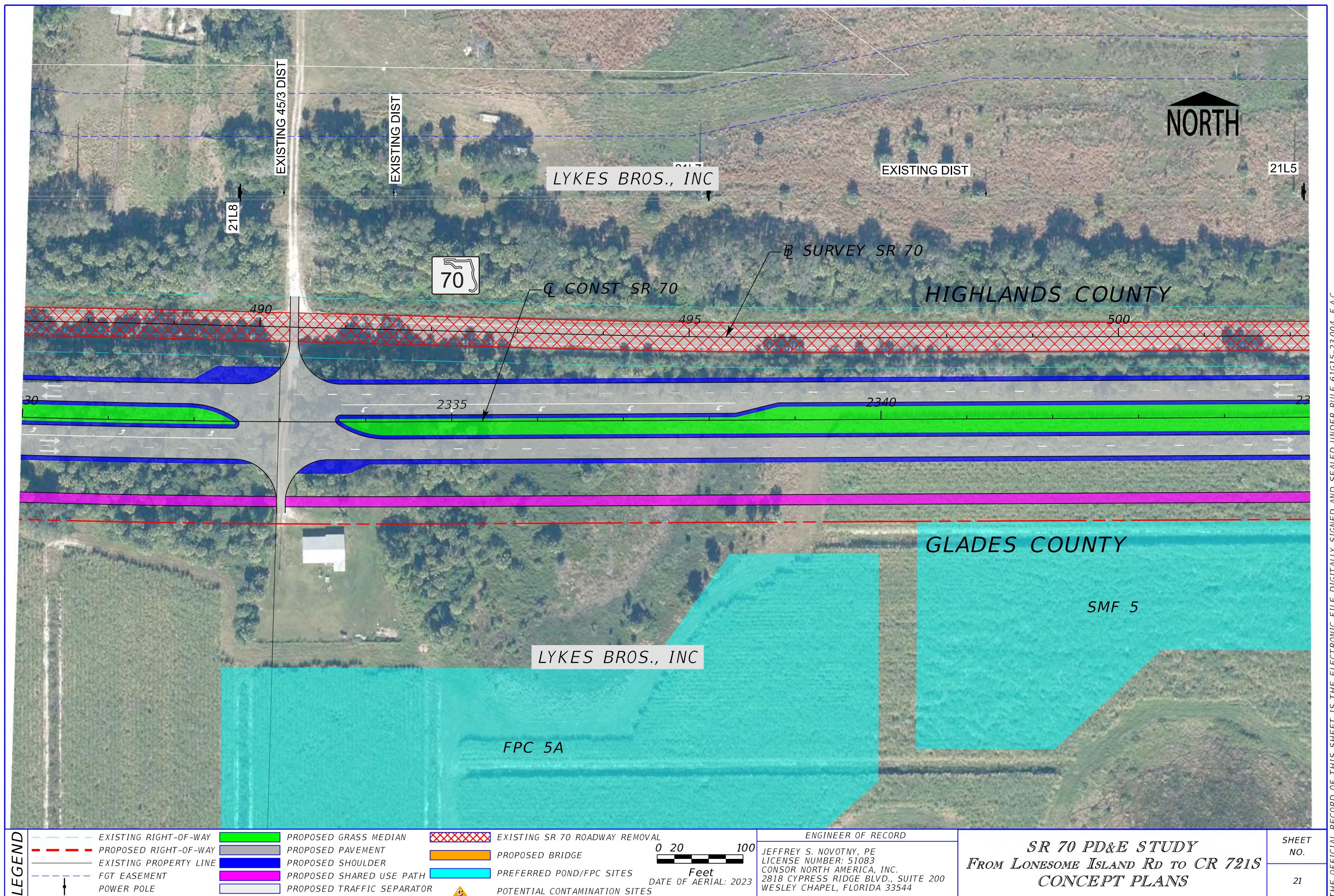
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PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT	PROPOSED BRIDGE		JEFFREY S. NOVOTNY, PE LICENSE NUMBER: 51083 CONSOR NORTH AMERICA, INC. 2818 CYPRESS RIDGE BLVD., SUITE 200 WESLEY CHAPEL, FLORIDA 33544		
EXISTING PROPERTY LINE	PROPOSED SHOULDER	PREFERRED POND/FPC SITES				
FGT EASEMENT	PROPOSED SHARED USE PATH	POTENTIAL CONTAMINATION SITES				
POWER POLE	PROPOSED TRAFFIC SEPARATOR					

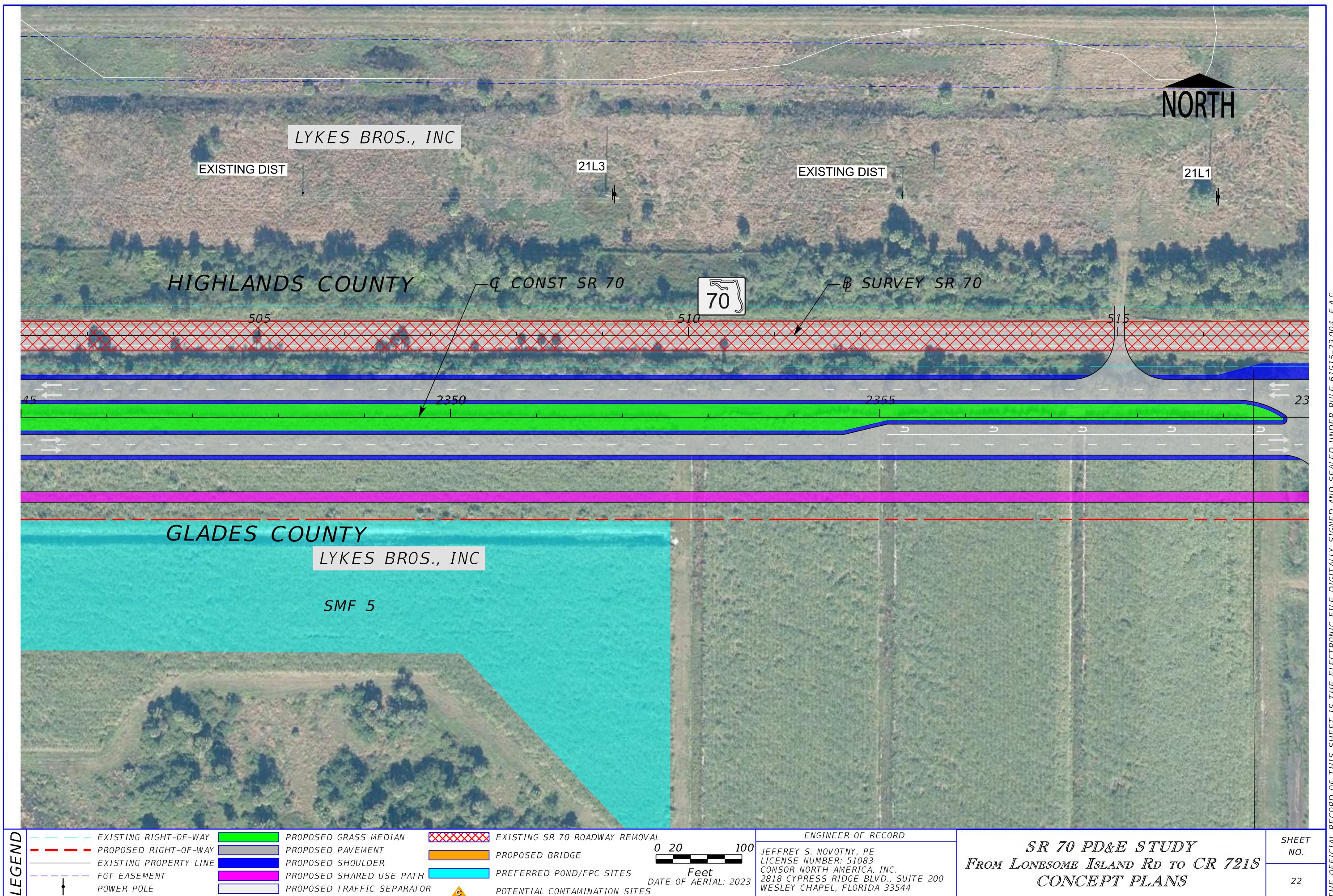


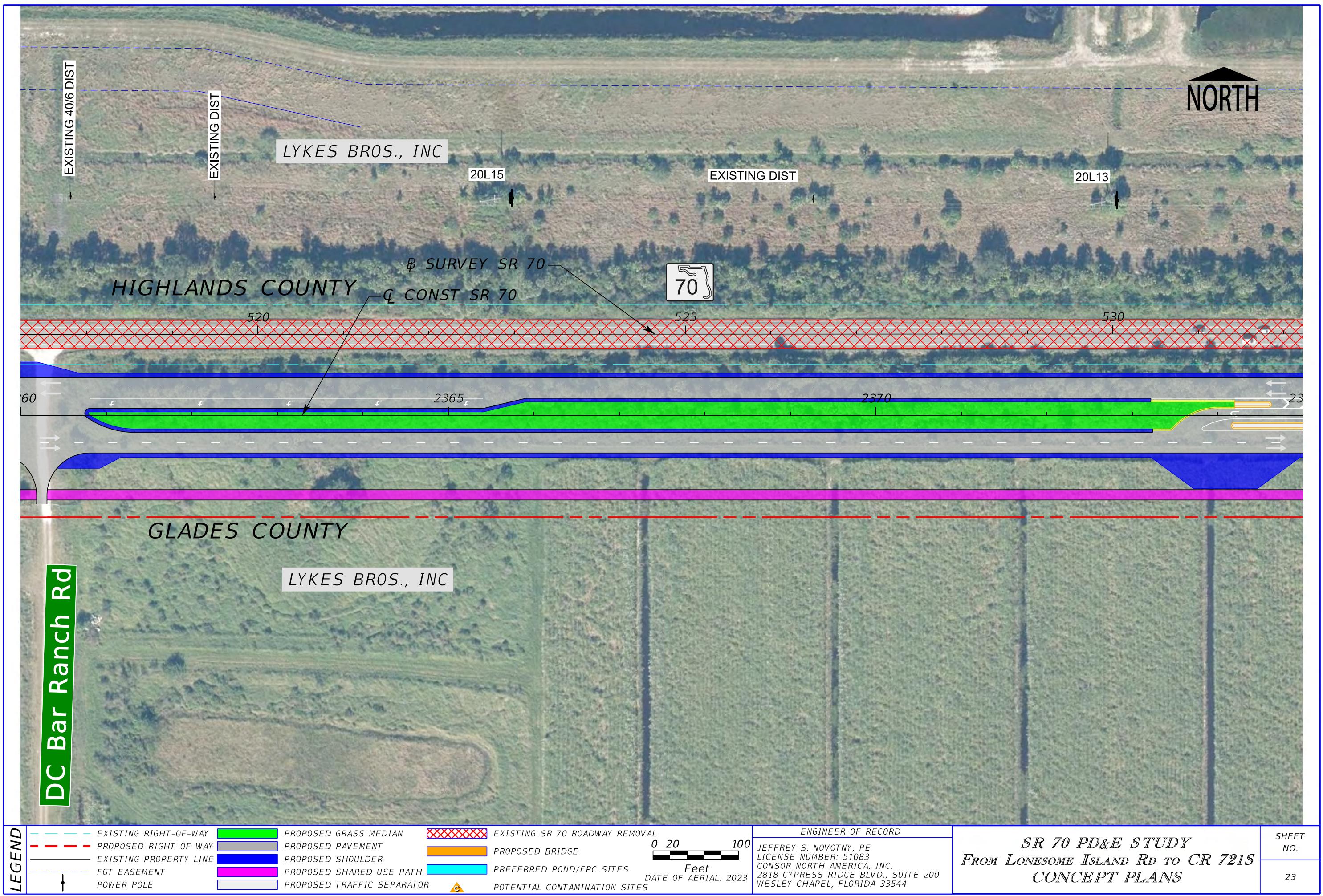


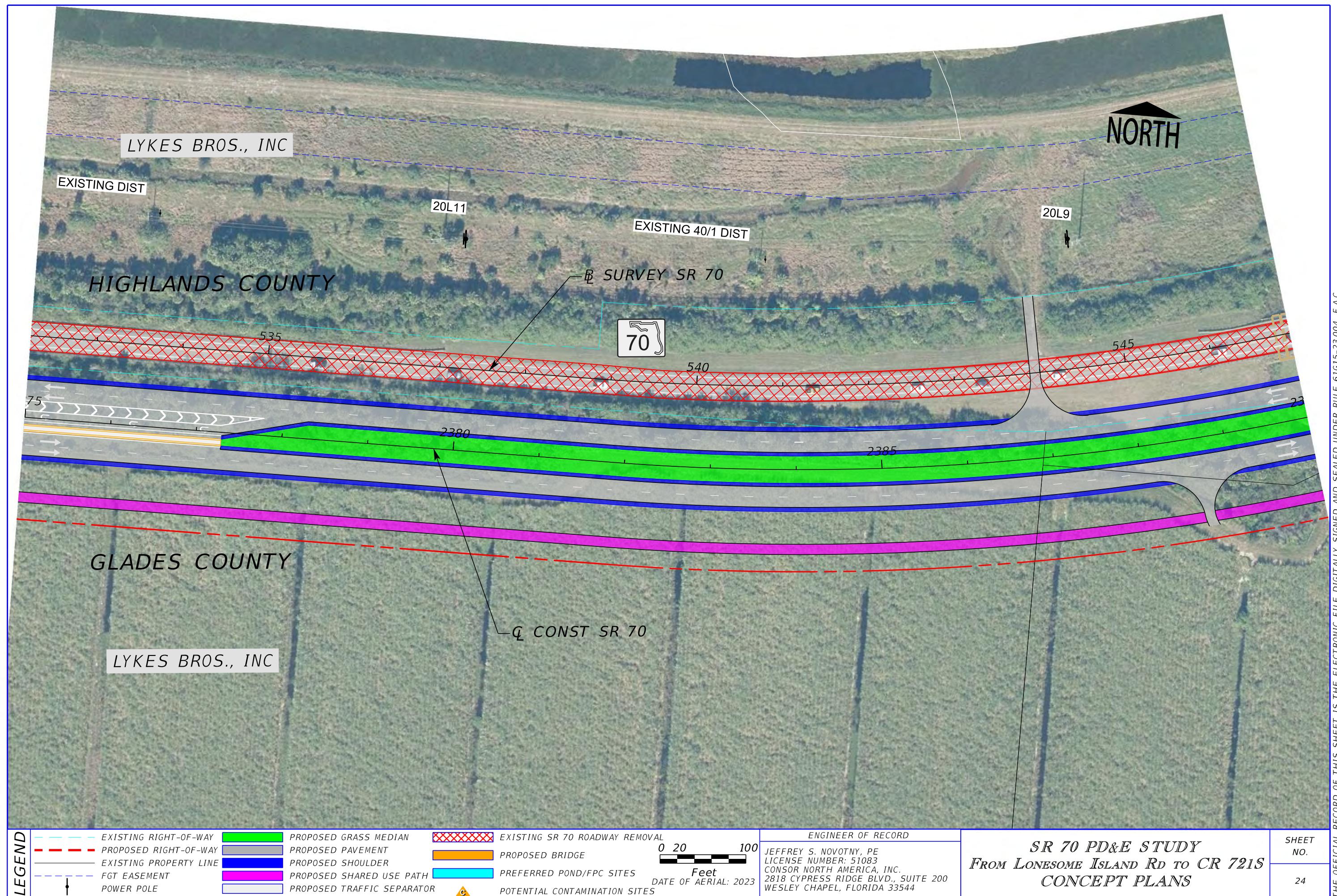


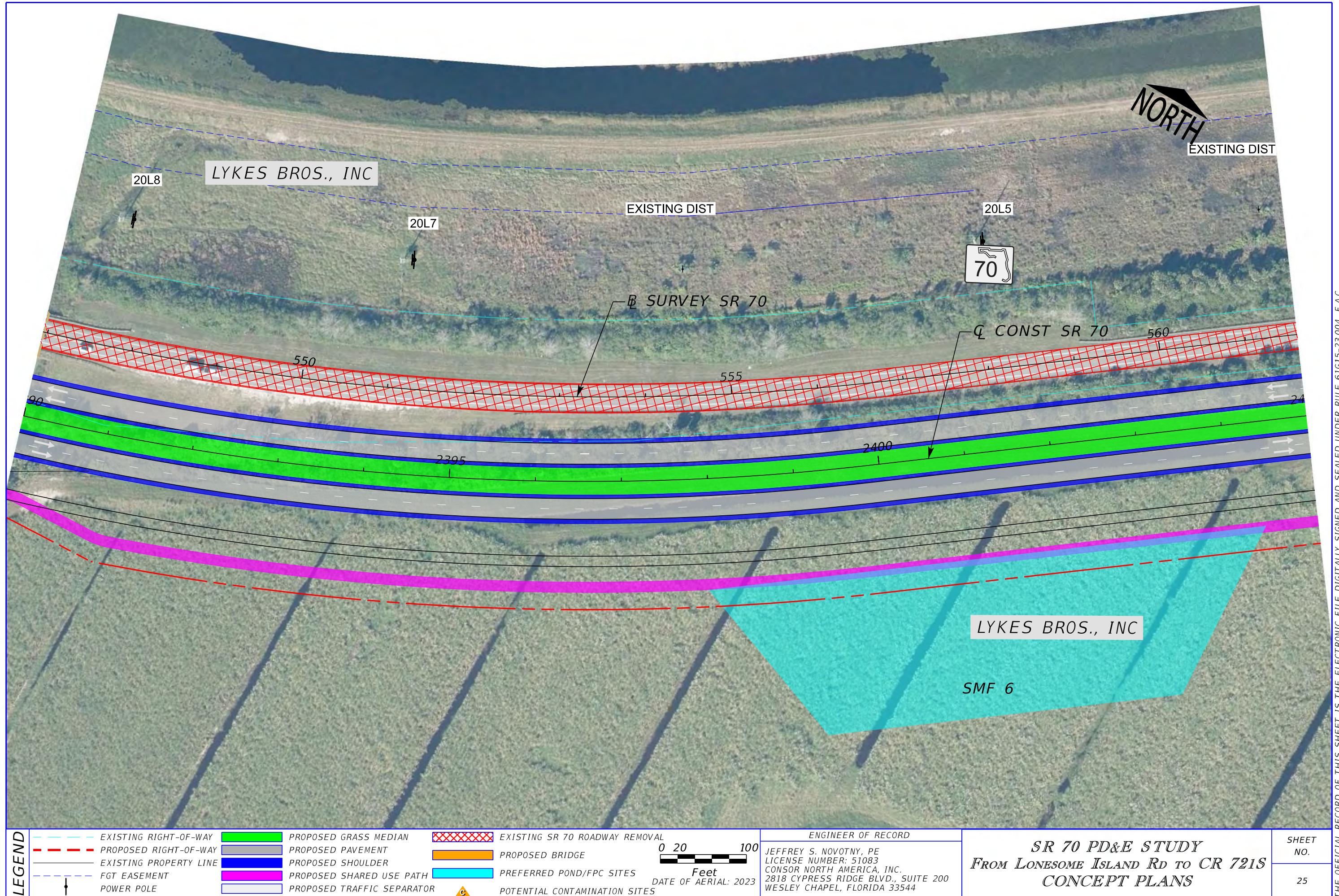


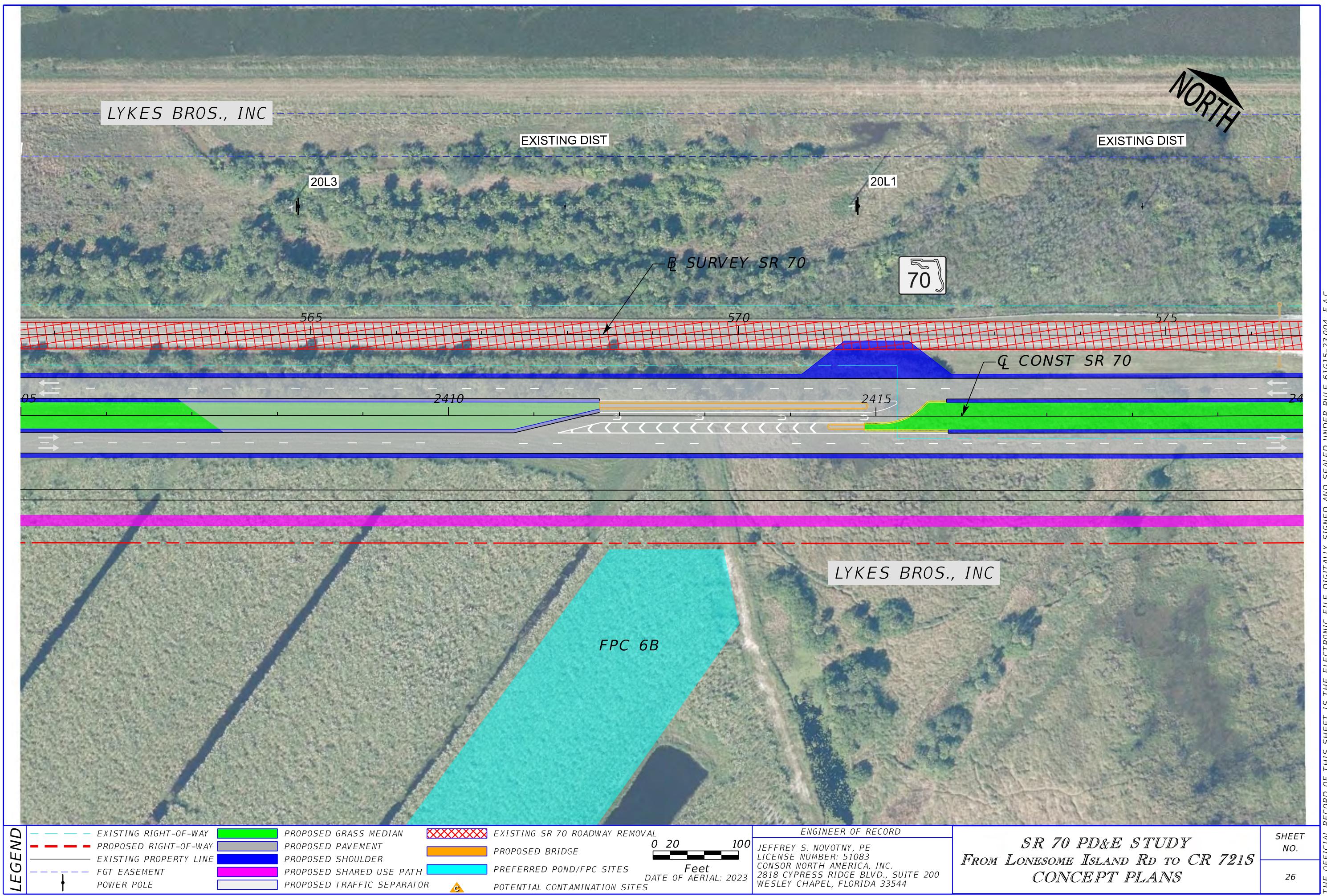


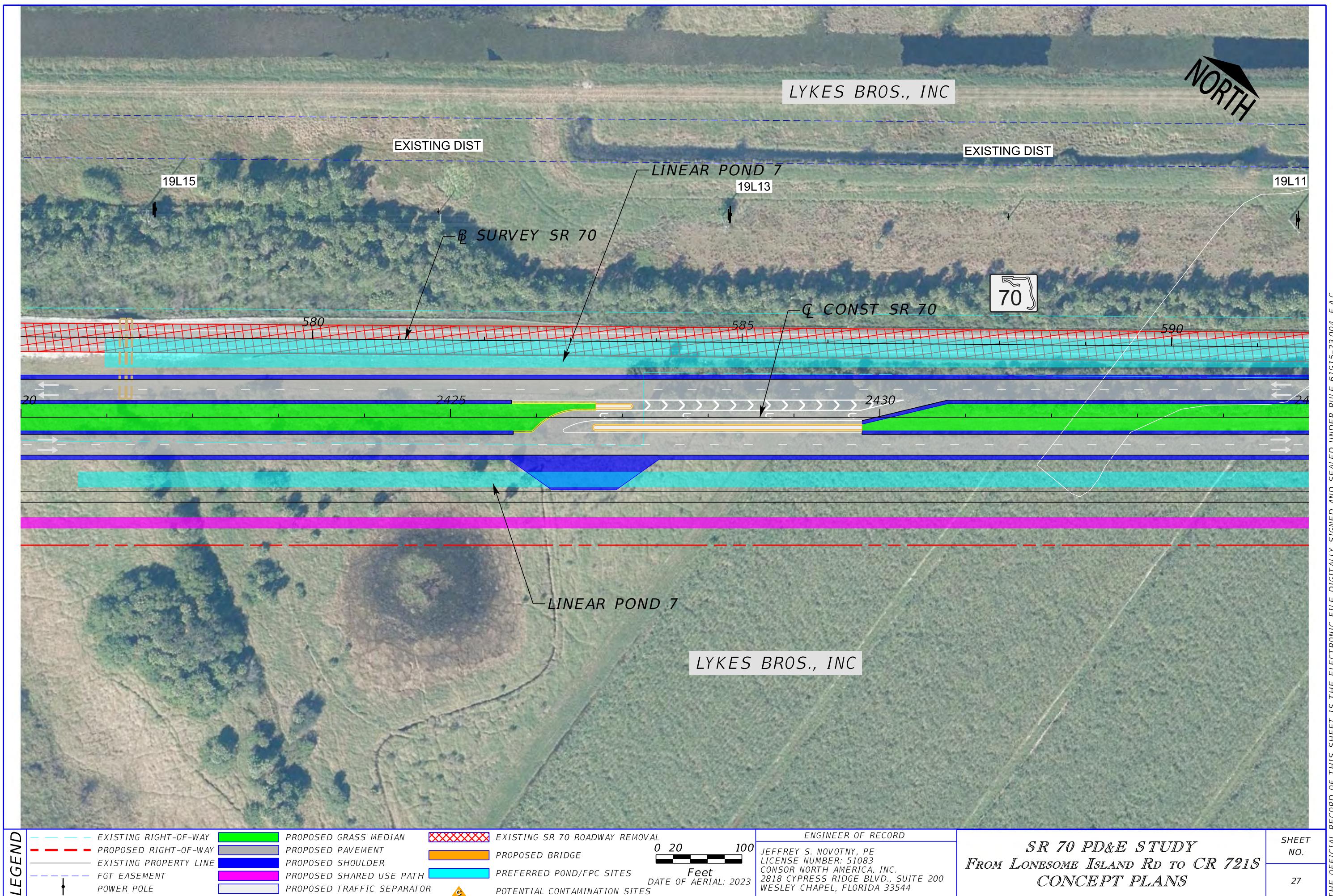


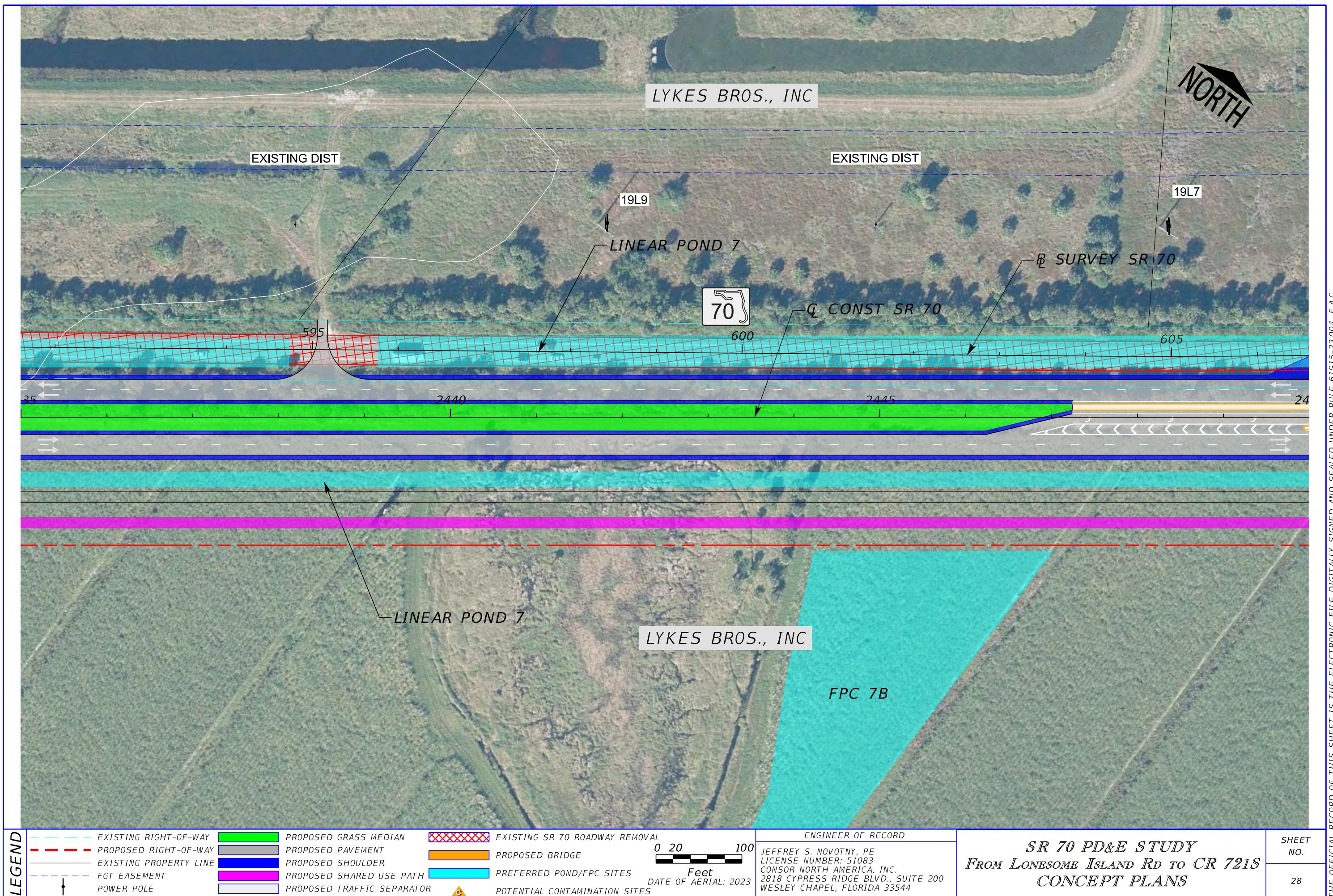


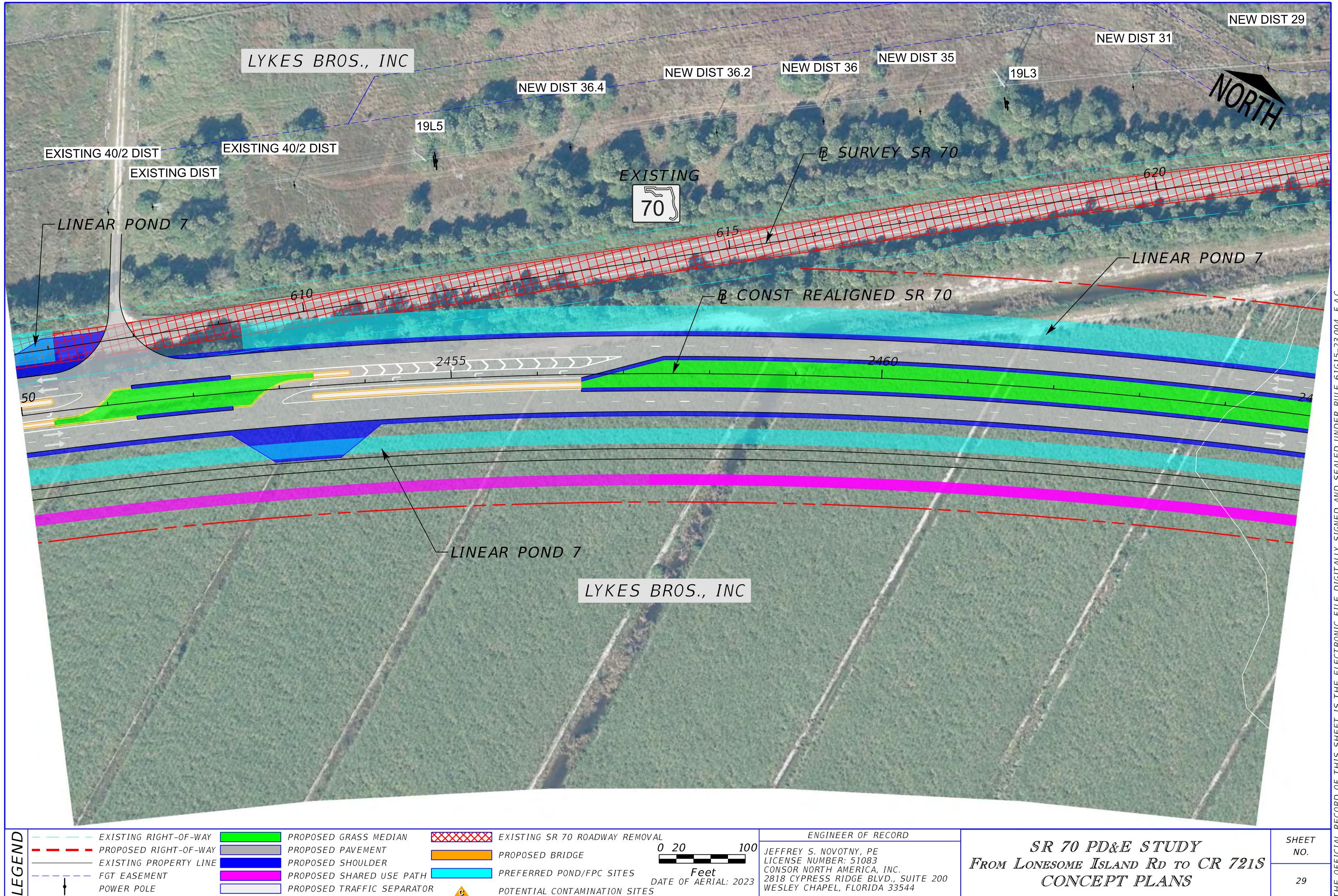


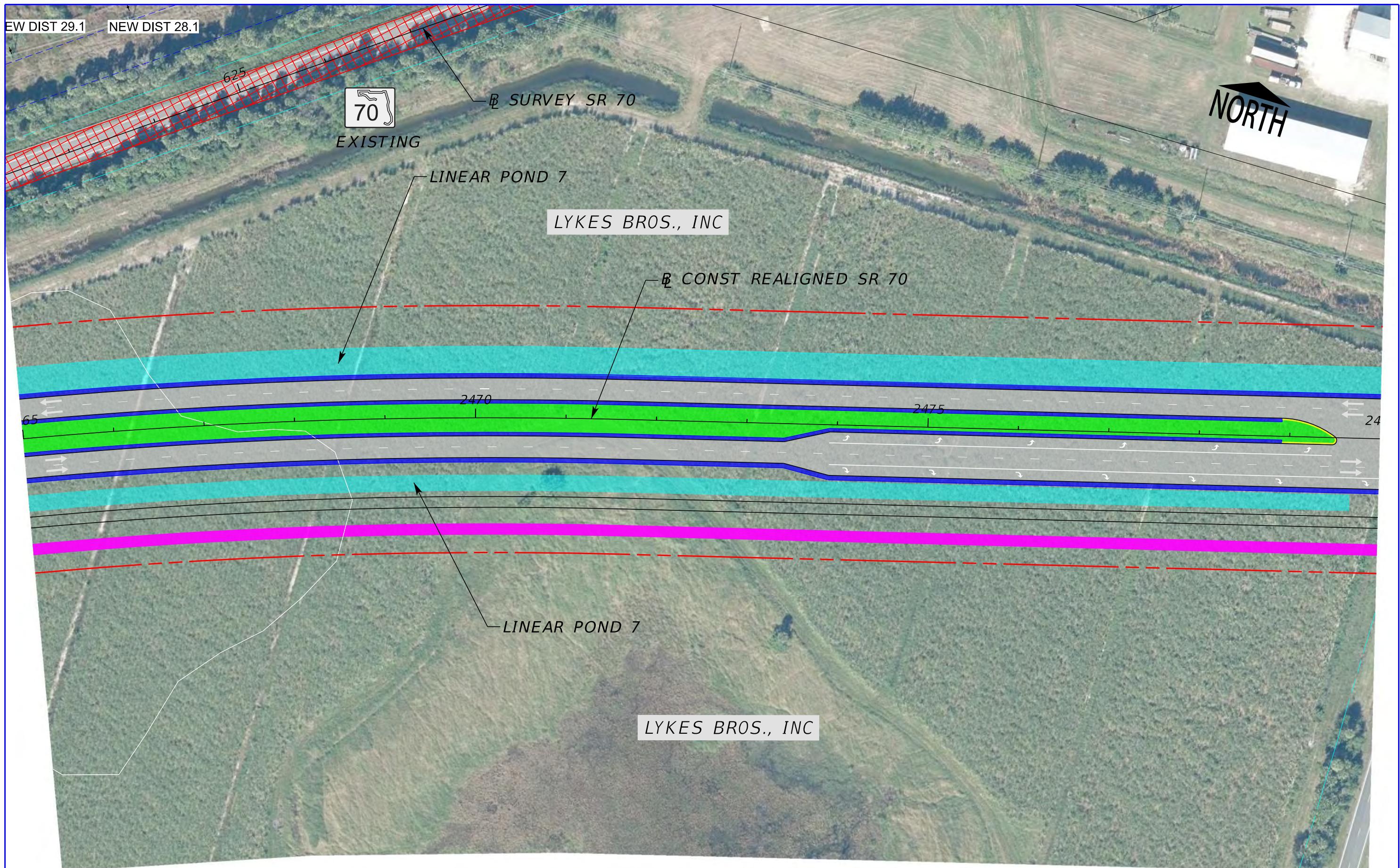








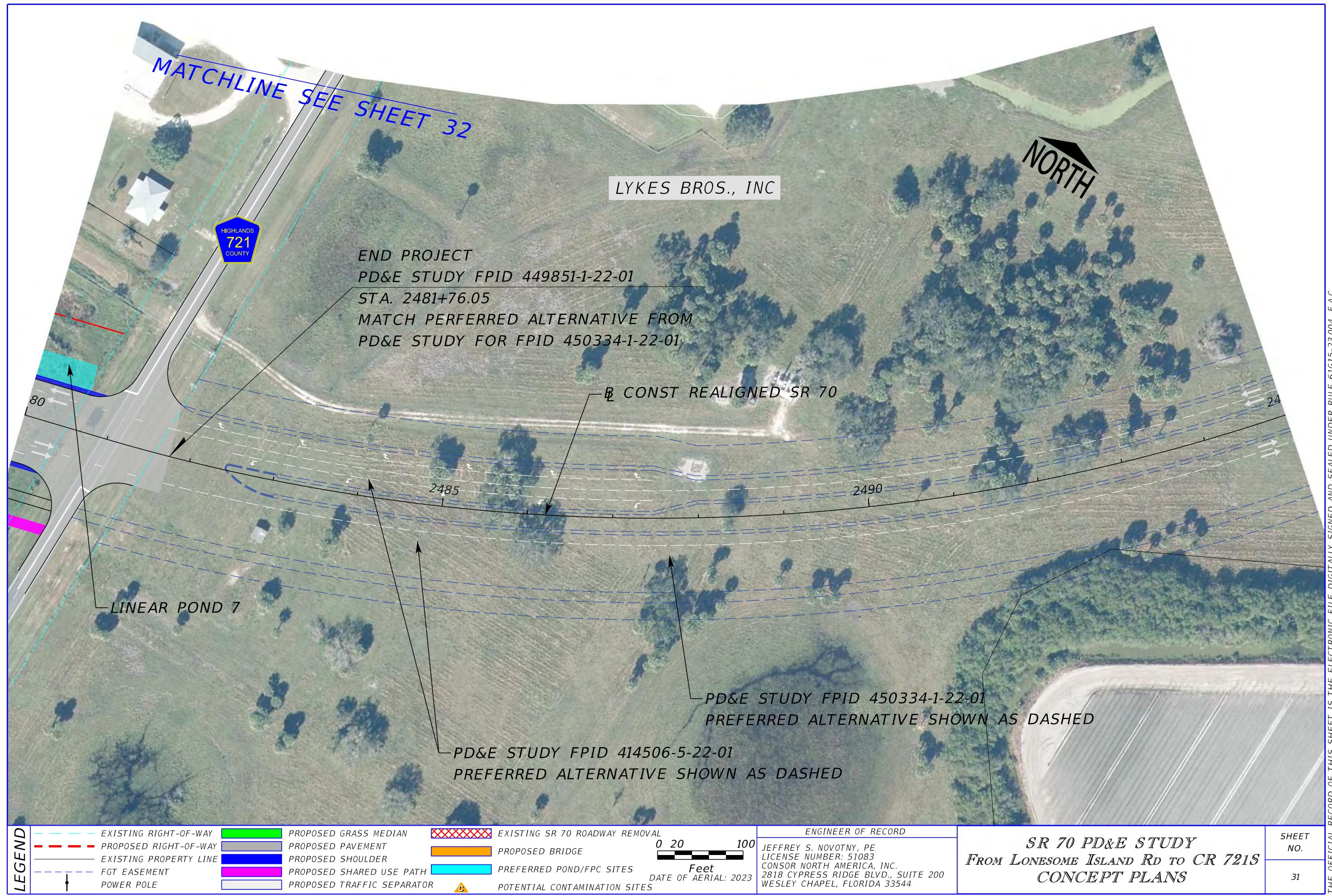


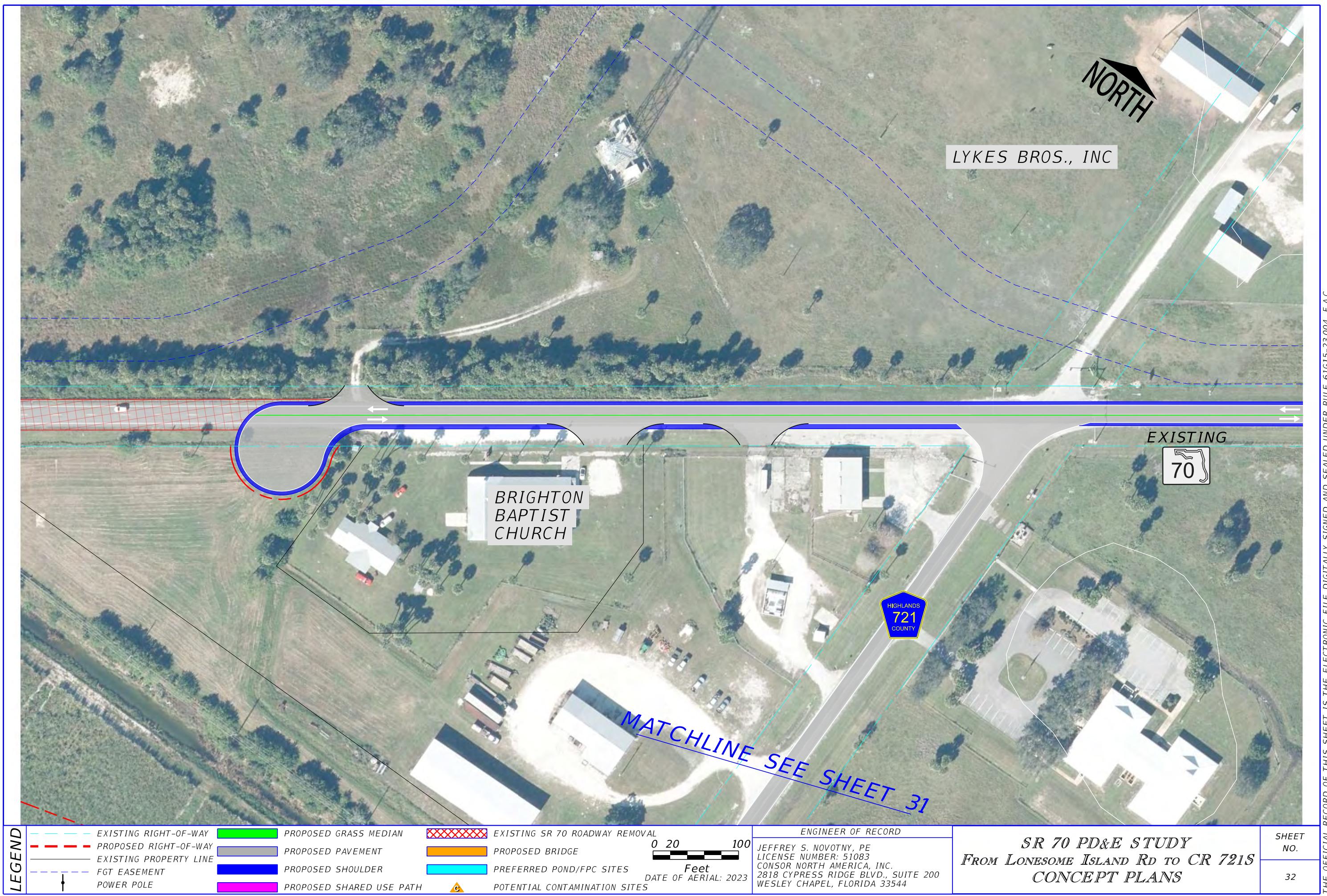


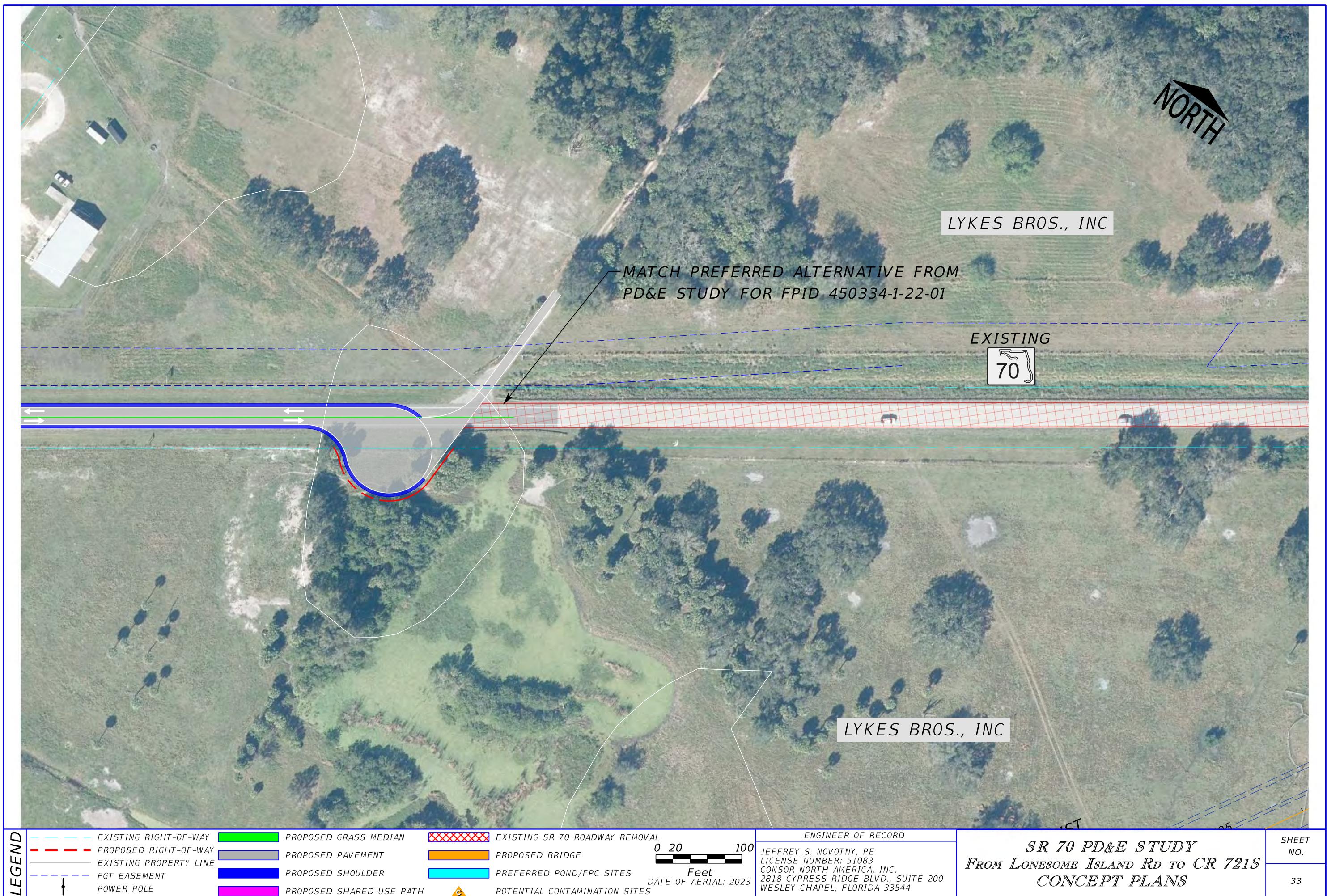
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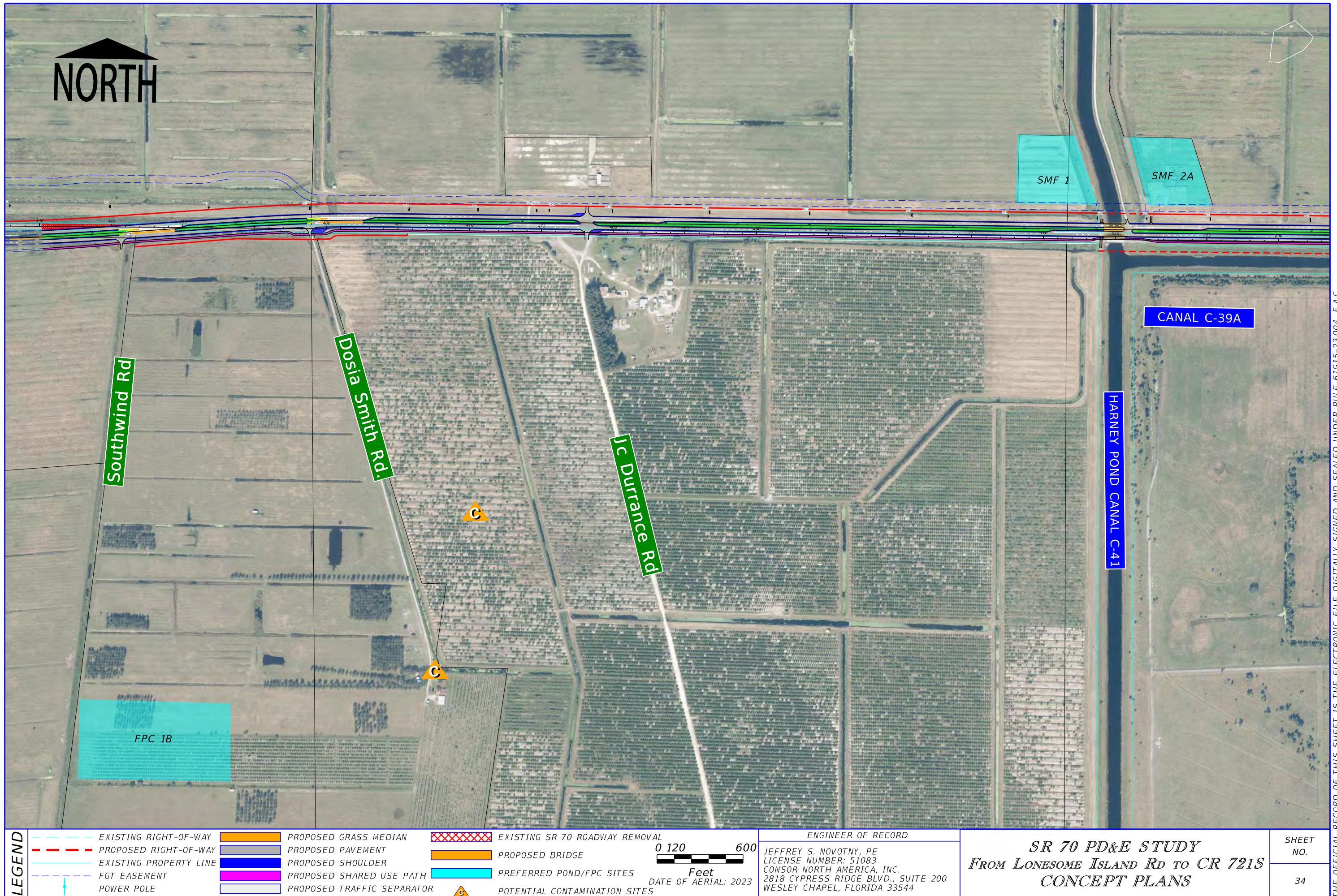
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PROPOSED RIGHT-OF-WAY	PROPOSED PAVEMENT	PROPOSED BRIDGE	JEFFREY S. NOVOTNY, PE	30
EXISTING PROPERTY LINE	PROPOSED SHOULDER	PROPOSED POND/FPC SITES	LICENSE NUMBER: 51083	
FGT EASEMENT	PROPOSED SHARED USE PATH	DATE OF AERIAL: 2023	CONSOR NORTH AMERICA, INC.	
POWER POLE	PROPOSED TRAFFIC SEPARATOR	Feet	2818 CYPRESS RIDGE BLVD., SUITE 200	
			WESLEY CHAPEL, FLORIDA 33544	
		POTENTIAL CONTAMINATION SITES		

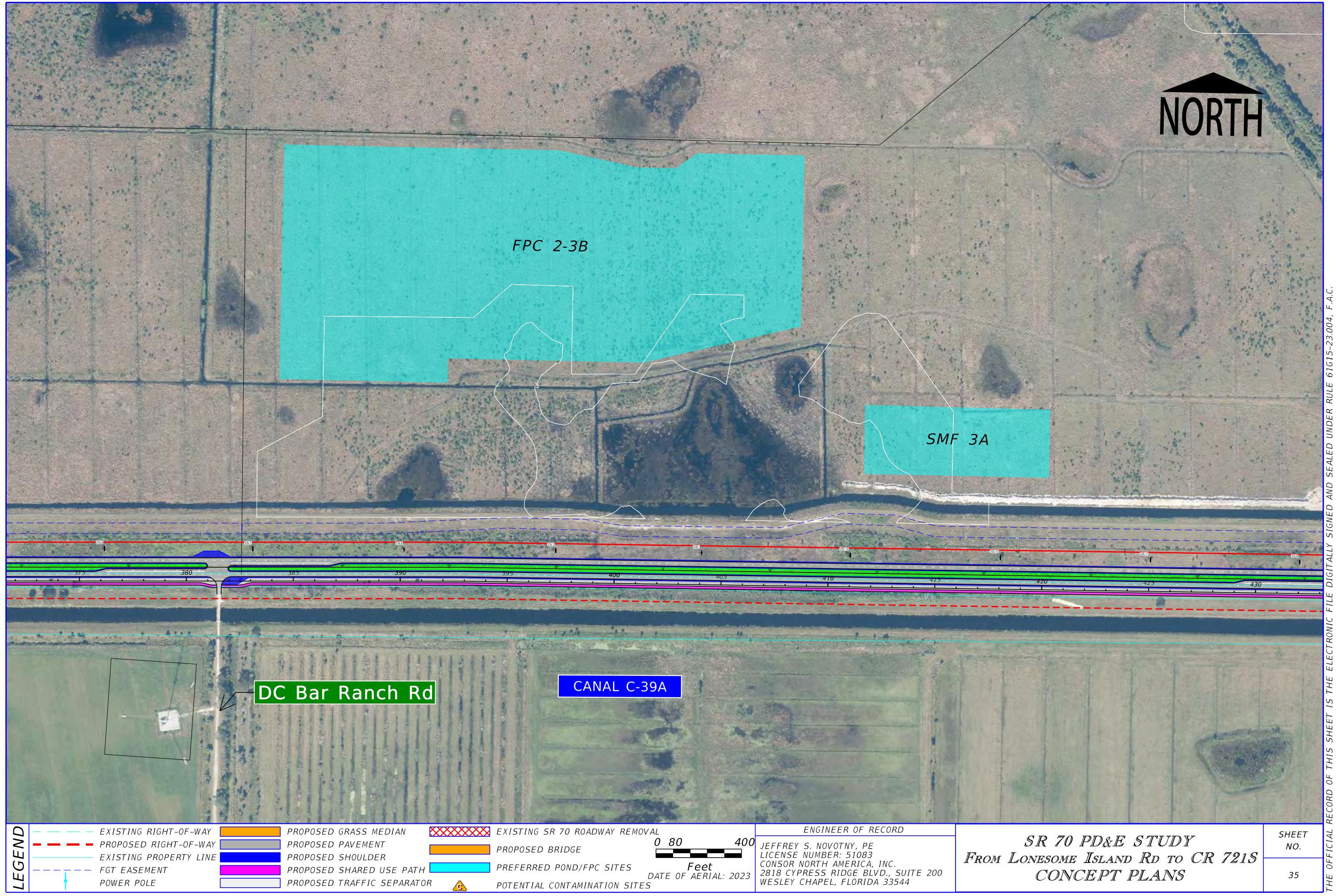
**SR 70 PD&E STUDY
FROM LONESOME ISLAND Rd TO CR 721S
CONCEPT PLANS**

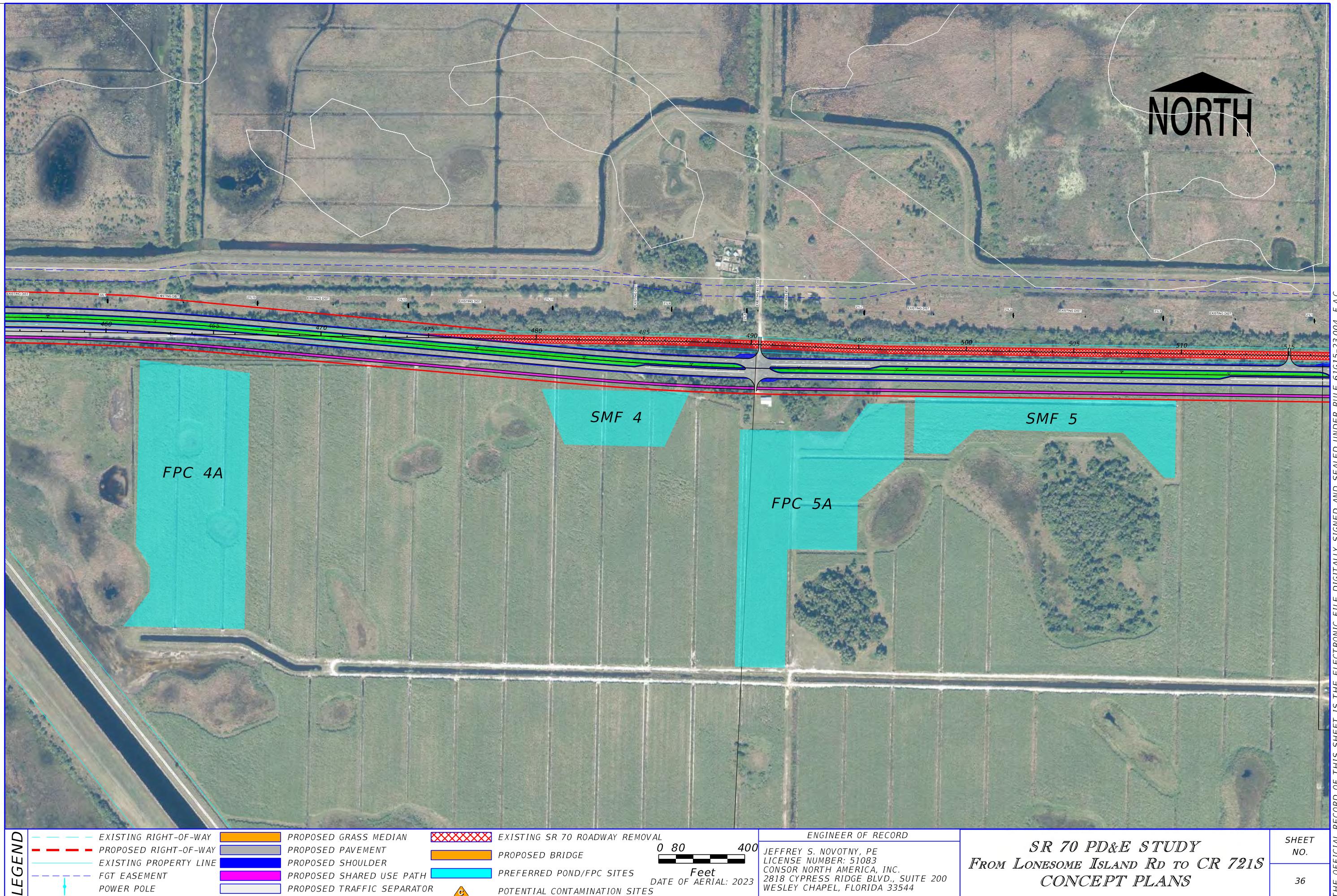


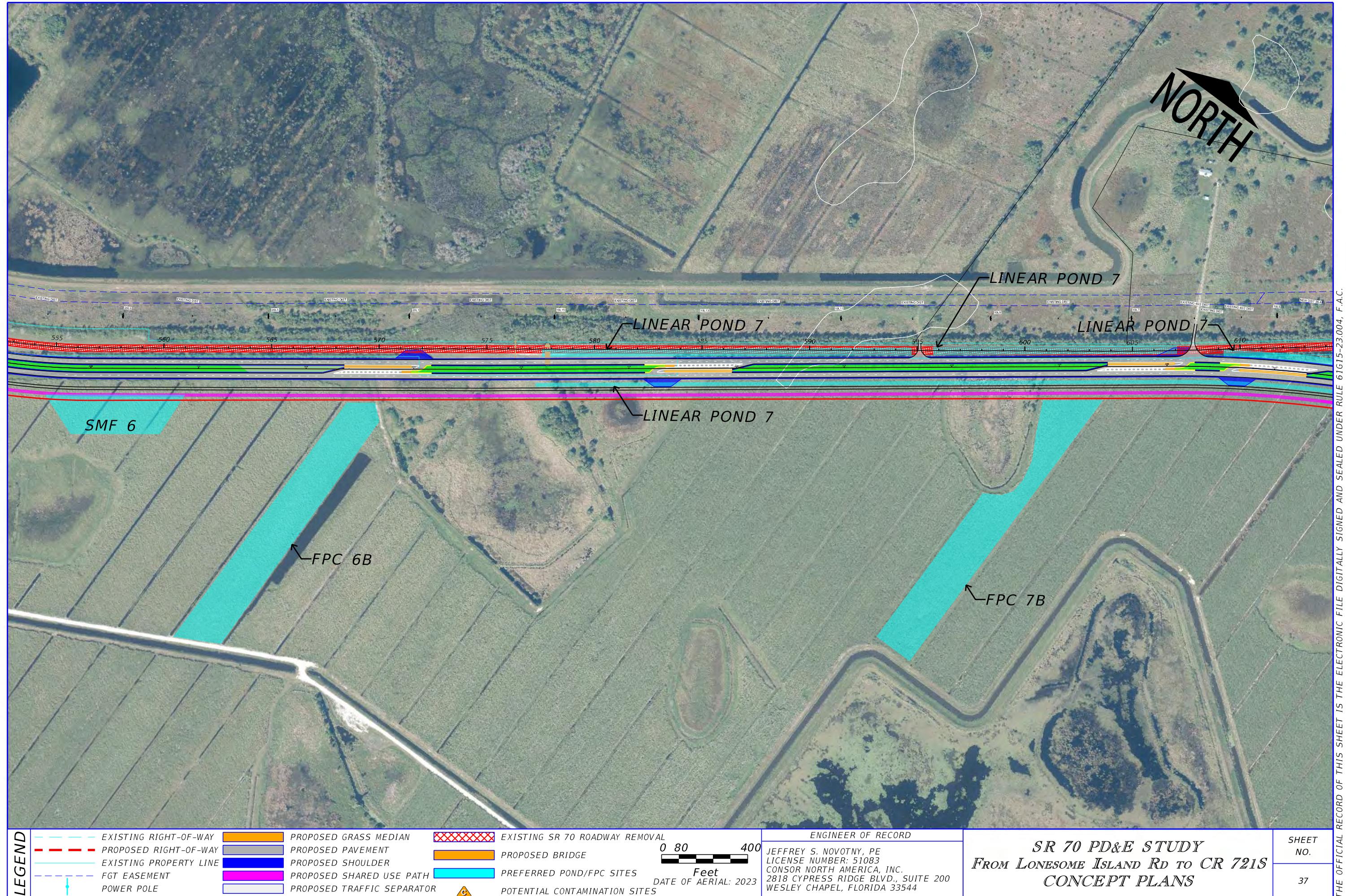












APPENDIX D
COST ESTIMATE BACKUP DOCUMENTATION

Project Information And Update

WGI#

FPN: 449851-1	County: Highlands	Report Date:
Description: SR 70 Lonsome Island Rd. to CR 721		Type Work:
Project Manager	Engineer of Record: Consors	Utility Coordinator

Actual dates for each Phase as applicable, not scheduled dates.

Project Plans to UAO's	Utility Meeting Date	UWHCA With UAO and 56-**	Amount
Greenline			
Phase II			
Phase III			

Issues This Month

UAO Name	Non Reimbursable	Reimbursable
Florida Gas Transmission		\$11,363,636.00
Florida Power & Light Transmission (230kv)		\$16,800,000.00
Glades Electric Coop	\$ 890,152.00	\$1,335,228.00
Lumen/ Centurylink	\$ 65,000.00	\$97,000.00
	HB 703 \$ 32,500.00	\$48,500.00

Originally Estimated in Fall 2024 \$ 987,652.00 \$29,644,364.00

2025 cost increase 4.6% \$45,431.99 \$1,363,640.74

Subtotal \$1,033,083.99 \$31,008,004.74

Engineering Estimate (12%) (Ph 36) \$ 123,970.08 \$3,720,960.57

Land & R/W Cost (30%) (Ph 46) \$9,302,401.42

Construction (Ph 56) \$1,033,083.99 \$31,008,004.74

CE&I (5%) \$ 51,654.20 \$1,550,400.24

Total Utility Relocation Cost \$1,208,708.27 \$45,581,766.97

HB 703 refers to Telecom reimbursements under FS 337.403. Non-Reimbursement refers to facilities in existing R/W. Reimbursable refers to existing facilities in easement or private R/W



March 14, 2025

[VIA EMAIL]

Kathern Cothern
Florida Department of Transportation, District One
801 North Broadway Avenue
Bartow, FL 33831

SUBJECT: Florida Department of Transportation (FDOT) State Road (SR) 70 Project Development and Environmental (“FPID No: 449851-1”) from Lonesome Island Rd. to Southern Leg of CR 721 (the “FDOT Project”) and the Florida Power & Light Company (“FPL”) 230kV Transmission Line known as the Sweatt to Whidden (“FPL Transmission Line”)

Dear Mrs. Cothern,

We have received your request for information concerning the relocation of the FPL Transmission Line as related to the FDOT Project. FPL estimates, based on current information, that the cost for relocation to be \$19,980,000 (“Preliminary Estimate”). It is the intention of FPL to provide this estimate to assist FDOT in the decision-making process. Please note, that this should not be considered as an offer from FPL to perform the requested work and should not be construed or used as such for detailed planning purposes.

This non-binding Preliminary Estimate is based on our previous experience with similar relocations and estimates the cost to relocate the FPL Transmission Line, including removal of the existing line, for approximately four and one half (4.5) miles. This estimate does not include the cost to relocate any distribution facilities, facilities belonging to another utility or potential third-party costs associated with the relocation, such as survey work; acquisition and recording of easements. Additionally, the Preliminary Estimate does not consider the potential inclusion of a salvage value credit that may or may not be applicable to the project.

If the FDOT decides to pursue this further, we will submit a Utility Work Estimate (UWE) for a Preliminary Engineering amount of \$500,000 enabling FPL to commence the detailed design and estimating process. FPL will not begin work on the detailed design until the UWE is approved with a Notice to Proceed. FPL will require preliminary engineering due to the complexity of the relocation and time required to create a detailed design for such a relocation project. The detailed design and easement acquisition will be required prior to commencement of construction. Time of construction can vary depending upon easement execution, permitting, resource availability, material delivery and line clearances.

FPL would like to continue working with the FDOT to find a solution that meets both the needs of FDOT and FPL. If you have additional questions or need additional information, please do not hesitate to contact me at (561) 803-7942 or craig.ledbetter@fpl.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Craig Ledbetter".

Craig Ledbetter, P.E.
Lead Project Manager / Relocation Coordinator

Cc: Matt Dockins

APPENDIX E
FPL TRANSMISSION COORDINATION DOCUMENTATION

SR 70 – FDOT and FP&L Solar Farm Meeting

June 3, 2025 at 3:00 pm

Attendees

FDOT/Corridors Project Team

- Kathy Cothern, FDOT Project Manager kathern.cothern@dot.state.fl.us
- Melody Joyner, FDOT Corridors, melody.joyner@dot.state.fl.us
- Joe Lauk, FDOT GEC Corridors, joe.lauk@dot.state.fl.us
- Matt Dockins, HNTB - Strategic Corridors mdockins@hntb.com

449851-1: SR 70 from Lonesome Island Road to CR 721 Project Team

- Jeff Novotny, Consor - Project Manager jeffrey.novotny@consoreng.com

FP&L

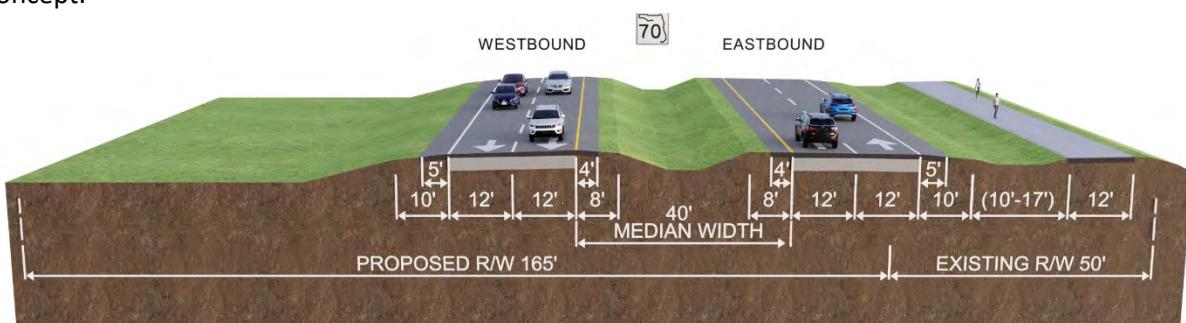
- Matthew Cozzo, FP&L Solar Farm Matthew.Cozzo@fpl.com;
- JD Whitaker, FP&L Solar Farm, jd.whitaker@fpl.com
- Robinson Zafra, FP&L Transmission, Robinson.zafra@fpl.com
- Craig Ledbetter, FP&L Transmission, craig.ledbetter@fpl.com
- Ben Wadsworth, FP&L Transmission Pickett, bwadsworth@pickettusa.com
- Allister Kuehn, FP&L Transmission, Pickett, akuehn@pickettusa.com

Meeting Notes

449851-1: SR 70 from Lonesome Island Road to CR 721 S

Roadway Improvements

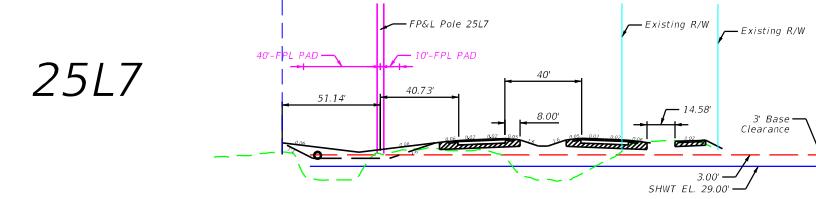
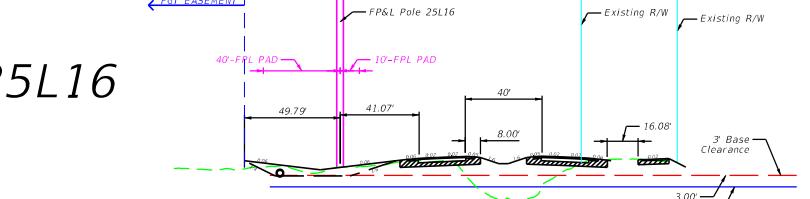
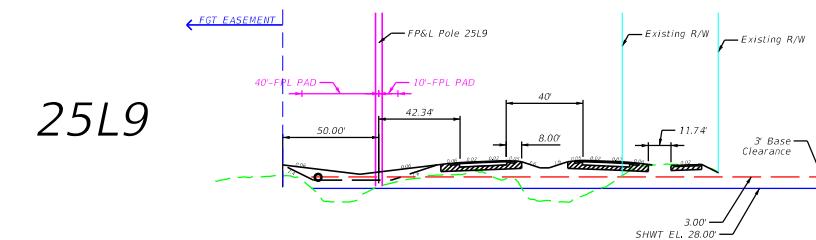
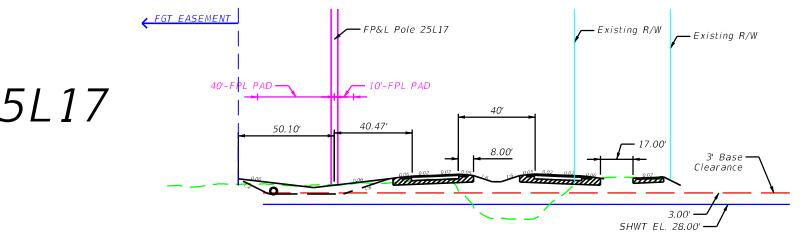
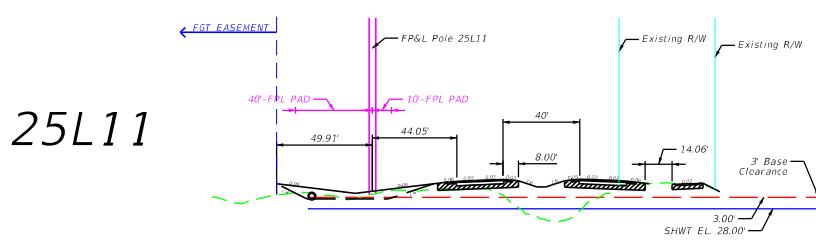
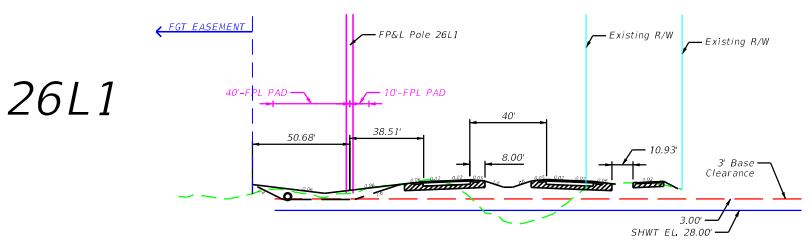
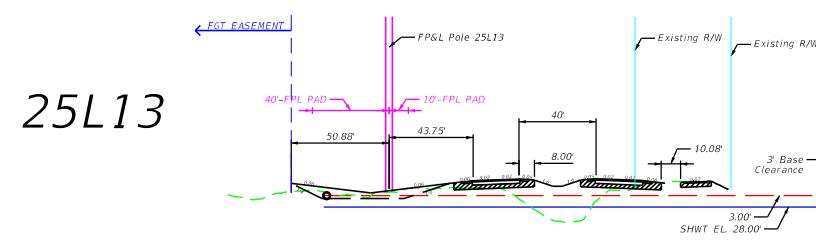
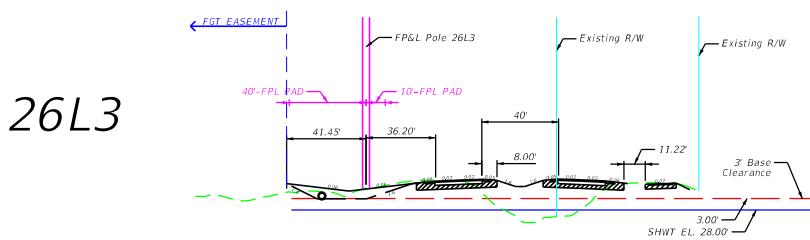
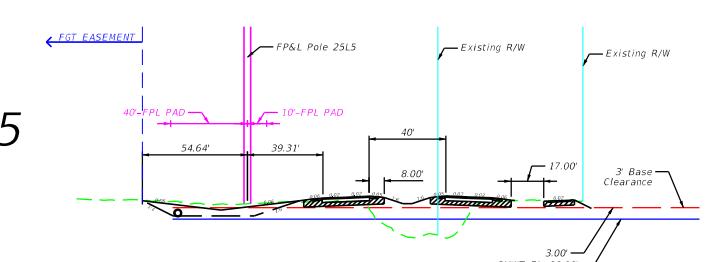
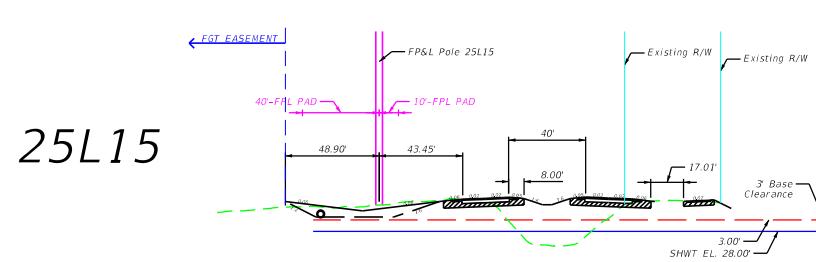
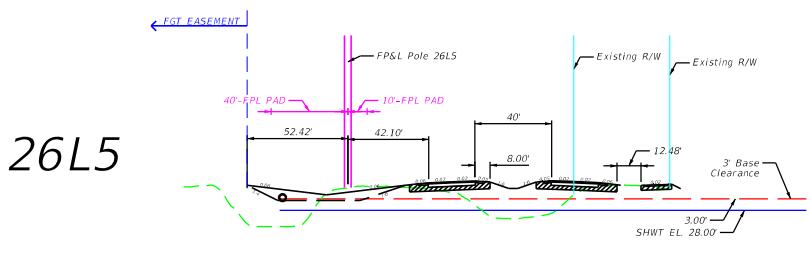
- Jeff provided the overview of the project and alternatives including adjustments made to shift the proposed roadway further south away from the proposed FP&L transmission poles.
- FP&L had previously provided proposed pole locations and the project team worked with FDOT to shift the roadway elements as far south as possible without impacting the existing C-39A canal south of SR 70. Jeff talked through the general roadway typical section which provides for 4 roadway lanes, 2 in each direction at 12' in width, a 40-foot wide grassed median and a 12-foot side shared use path on the south side of the road, consistent with the proposed roadway typical section in other sections of the SR 70 corridor. See clip below. The proposed roadway section with the roadway lanes and shared use path is shifted as far south as possible within the existing SR 70 right of way. Jeff also showed a KMZ file with the pole locations and the proposed roadway concept.



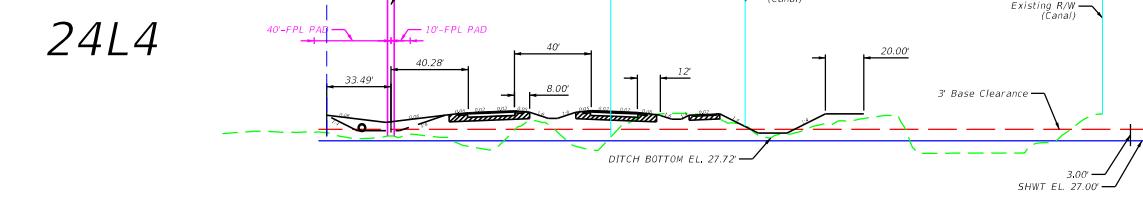
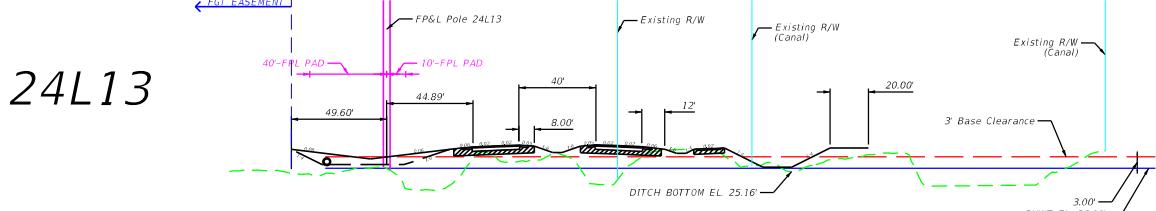
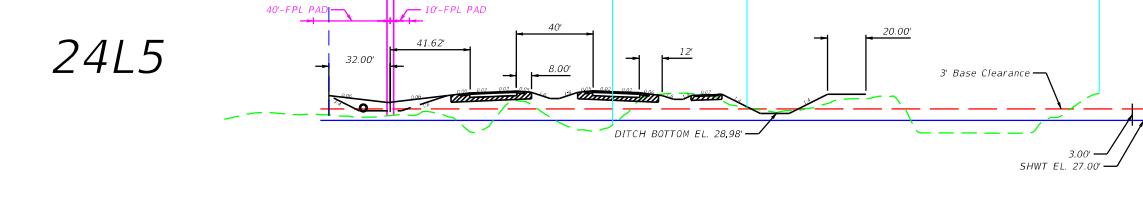
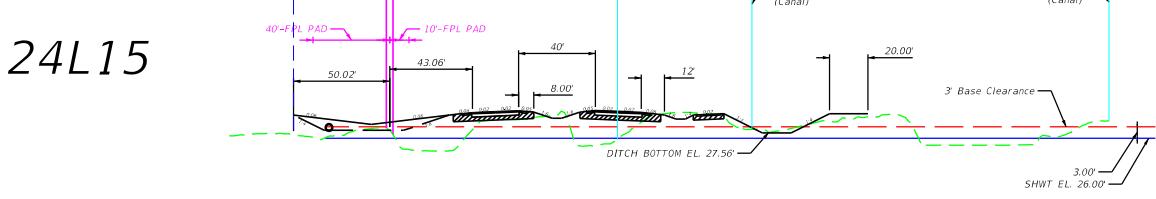
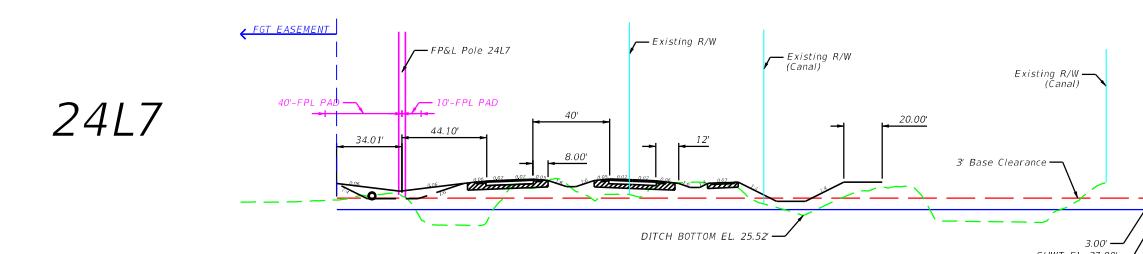
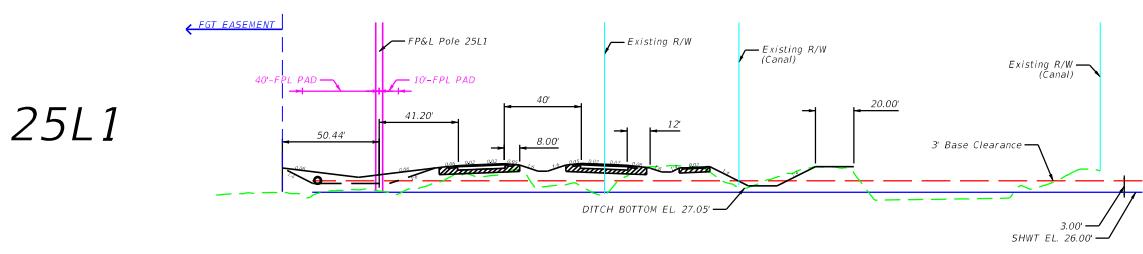
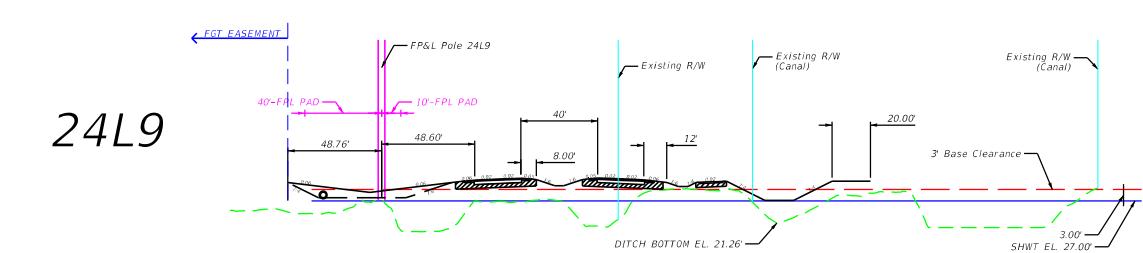
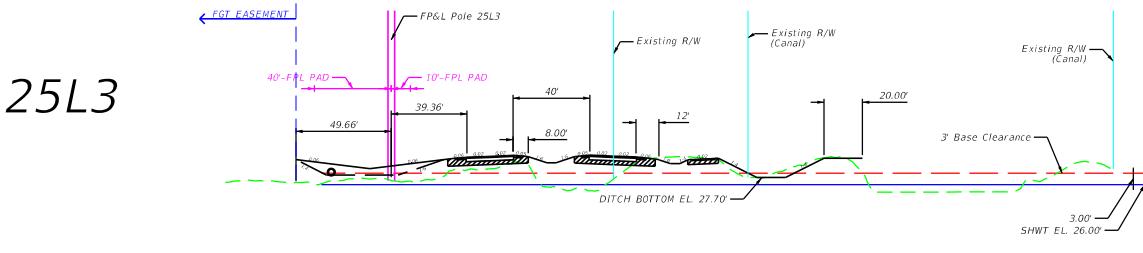
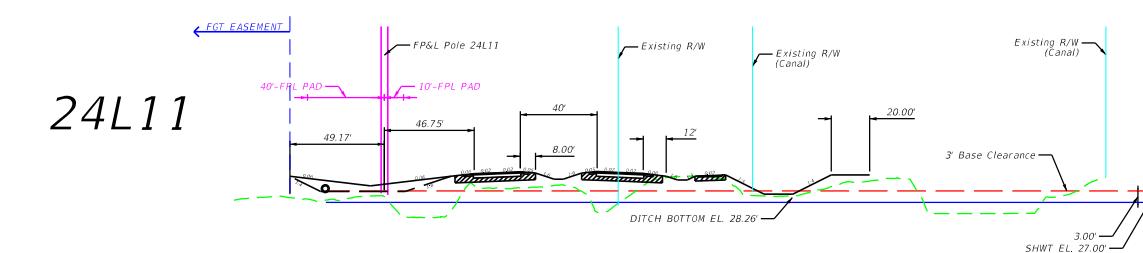
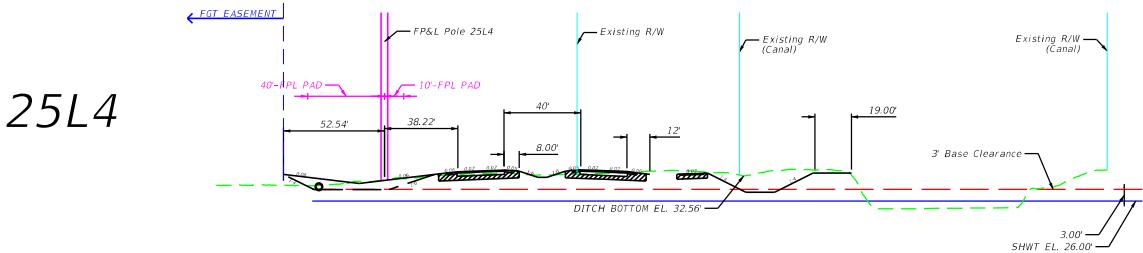
- Jeff reviewed roadway cross sections cut looking easterly at each of the proposed FP&L transmission poles from pole #26L5 west of the FP&L Solar Farm property, through pole #s 26L3 to 25L5, across the C-41 Harney Pond Canal, from pole #25L4 along C-39A Canal to pole #22L5,

across the C-40 Indian Prairie Canal and adjacent to pole #s 22L3 & to 22L1 where the proposed roadway shifts back south and farther away from the proposed FP&L poles. See attached.

- Jeff indicated that this is an early stage of the project and field survey has not been performed to design the exact vertical component of the roadway design. The SR 70 team used Lidar data to estimate both the seasonal high groundwater and the existing cross sections cut at each pole location.
- The roadway clearzone to keep the poles far enough from the roadway lanes to avoid needing to protect with guardrail is 36 feet based on FDOT criteria for this high speed roadway.
- In the area of the Solar Farm, there are 2 poles that would put clearzone offset under 36-feet. Pole 26L3 (36.2 ft offset) and Pole 26L1 (38.5 ft offset). Jeff indicated the roadway could be shifted a few more feet south, but the proposed shared use path would begin to encroach into the Solar Farm property. Alister indicated FP&L will shift these 2 poles before they are constructed by a few feet north to gain sufficient clearance from the roadway. He indicated that a permit modification to shift a few poles is not needed. Nearly all of the other poles are located 40 feet or a few feet more from the proposed roadway.
- This roadway layout will require FDOT to acquire a small strip of land along the north side of the Solar Farm to grade the embankment for the proposed shared use path back down to existing ground. The solar farm property has an existing drainage ditch in this area that would need to be regraded when the roadway is widened. The FP&L Solar Farm team was agreeable to the revised roadway layout and slight encroachment into the Solar Farm property as there would be no impacts to their facilities. Jeff also showed the proposed full median opening at the Solar Farm entrance which would also be opposite access to Lonesome Island on the north side of SR 70.
- Jeff discussed maintenance pads around each of the proposed transmission poles. The roadway cross sections reflect allowing for a 50 foot wide flat pad (extending the 6% cross slope of the proposed shoulder across to the pole locations) with 10 feet of that width on the roadway side of the poles and 40 feet on the north side of the poles. There is some flexibility as the 36 ft wide clearzone from the roadway pavement provides about 20 feet from the roadway shoulder point to the poles. Based on earlier coordination with FP&L and FDOT on an adjacent project, these maintenance pads are approximately 150 feet in length centered on the transmission poles to allow for maintenance vehicles to maneuver and park during maintenance activities. Jeff indicated there is a proposed roadside ditch proposed along SR 70 on the north side and these maintenance pads would be situated where the ditch would normally be located, so FDOT will need to pipe the ditch through each of these pad locations to maintain flow.
- There was discussion about the maintenance pads and the amount of fill that the proposed roadway project could bring to the pole locations to accommodate raising the roadway grade to meet 3-foot roadway base clearance requirements above the seasonal high ground water level. FP&L indicated that they would prefer to keep the fill needed at no more than 5 feet in height.
- Jeff asked if FP&L can provide their estimate of existing ground elevations at the proposed pole locations so the SR 70 team can review versus the lidar data, which was provided after the meeting.
- The SR 70 Public Hearing is scheduled for late 2025 and all staff attending this meeting would be invited.
- Following the meeting, on 6/11/25, Jeff emailed the invitees the draft cross sections and an estimate of fill heights at each of the poles based on assumptions noted in that message.

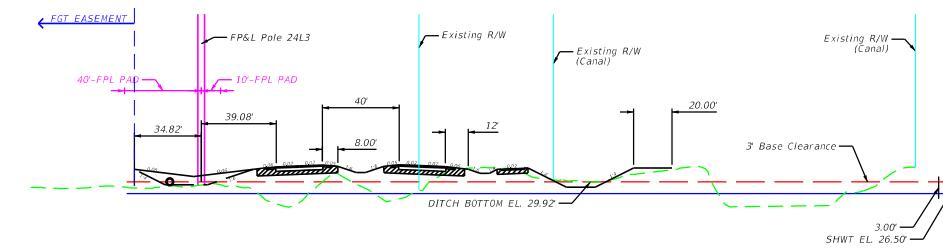


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				PROFESSIONAL NAME LICENSE NUMBER: ##### COMPANY NAME STREET CITY, STATE ZIP CODE	ROAD #	TOP CTY MIDDLE CTY BOTTOM CTY	PROJECT ID	Draft 6/25 All Typicals 0

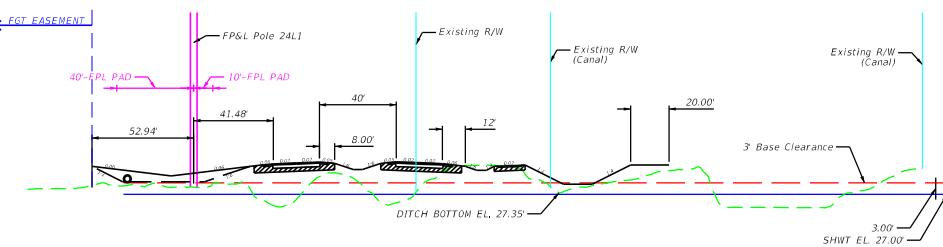


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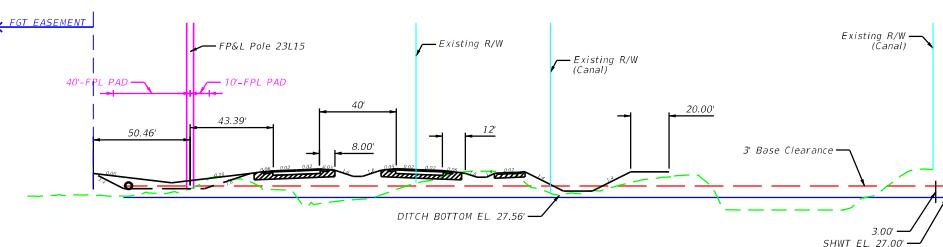
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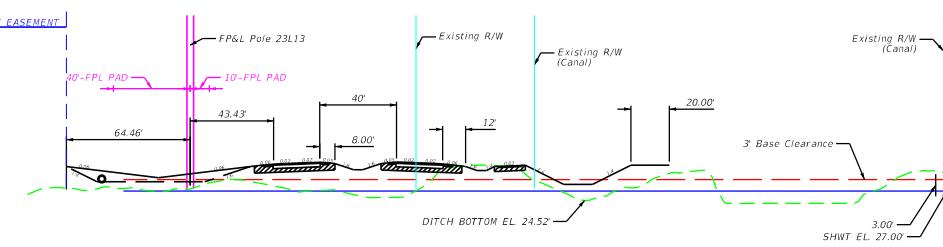
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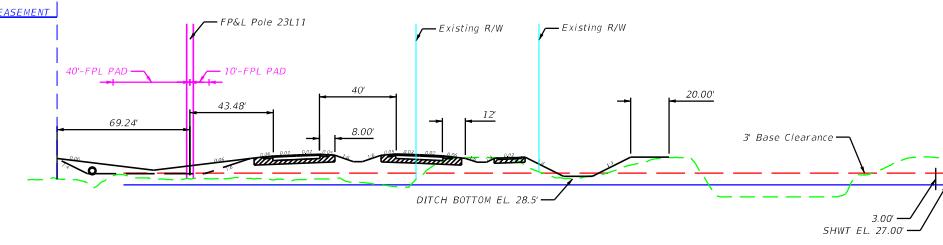
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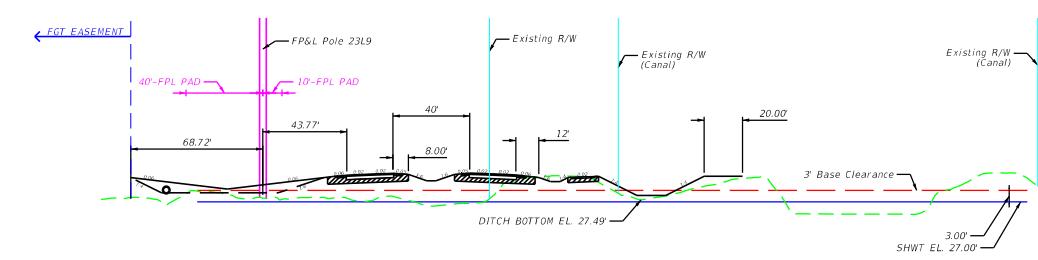
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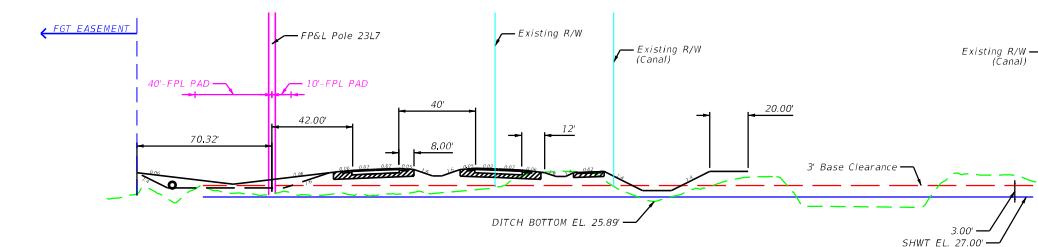
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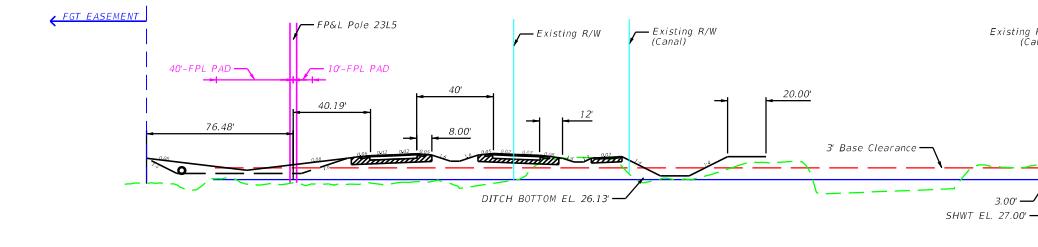
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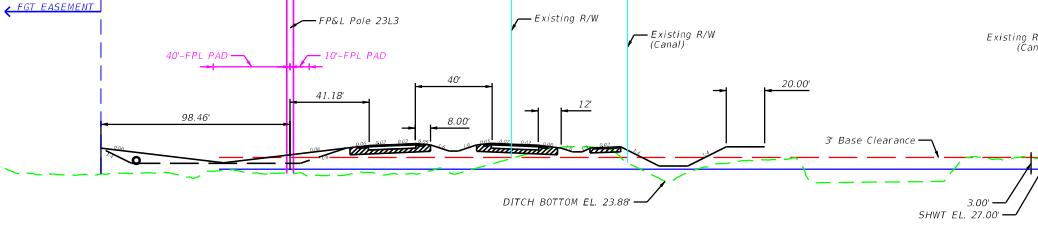
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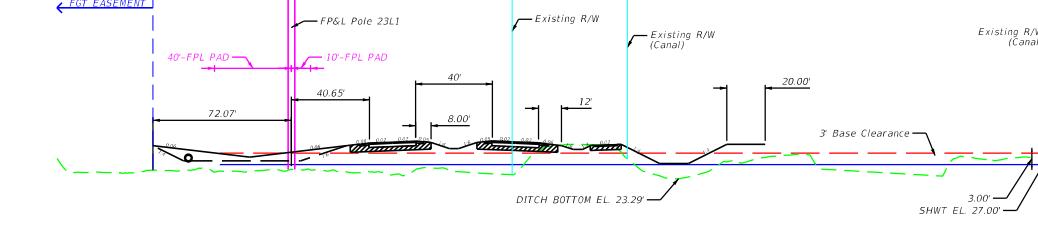
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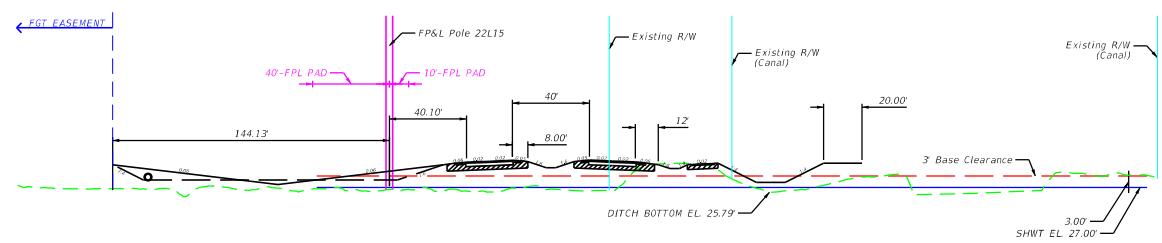
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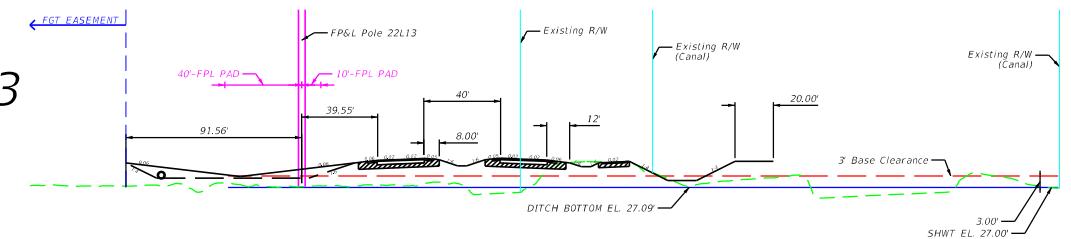
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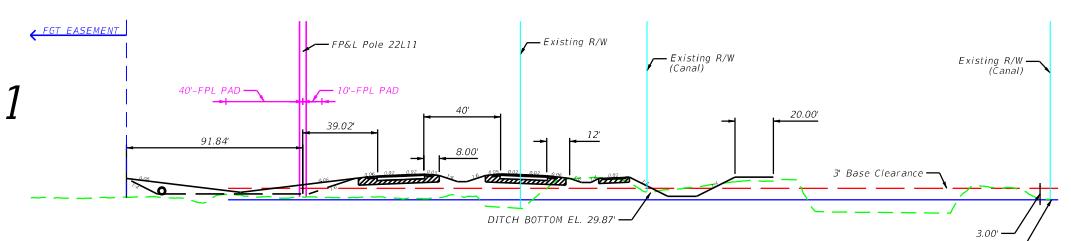
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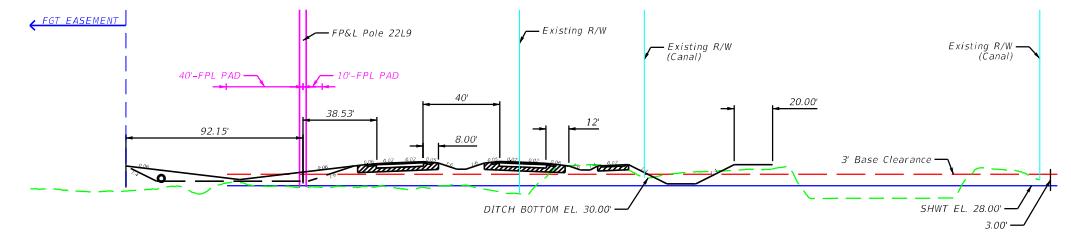
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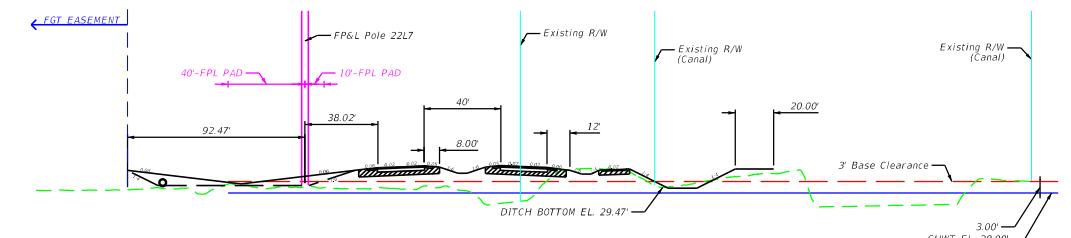
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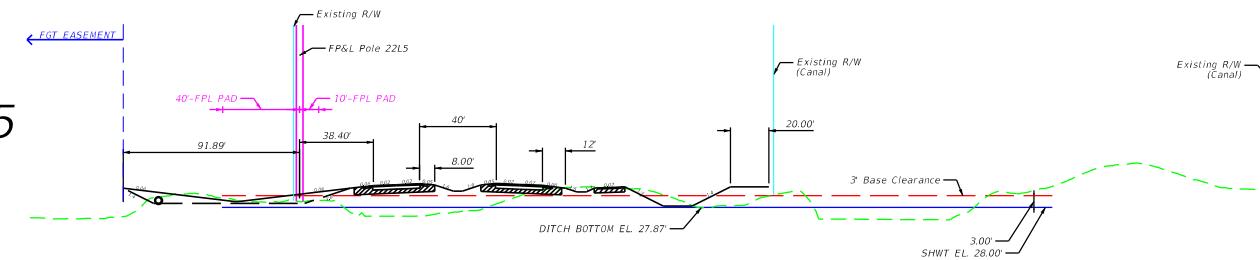
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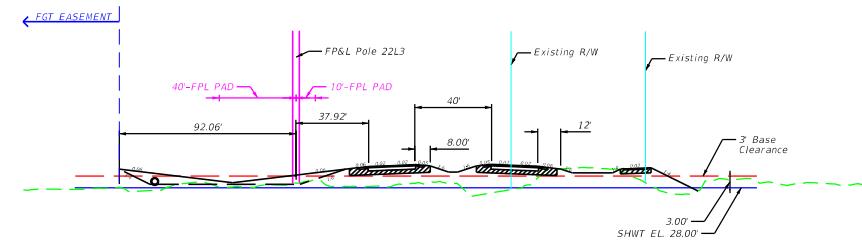
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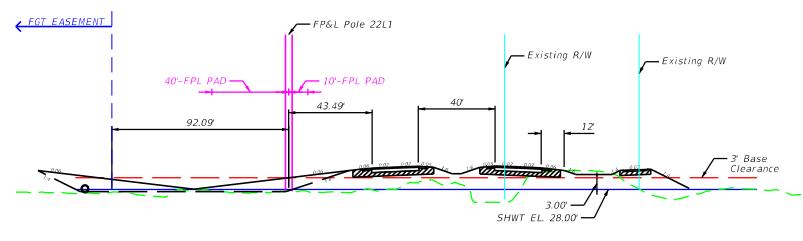
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22L3



22L1



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