

Utility Assessment Report

Poinciana Parkway Extension From CR 532 to North of I-4

Project Development & Environment (PD&E) Study



Florida Department of Transportation

Turnpike Enterprises

Work Program Item Segment No. 446581-1-22-01

Osceola County, Florida

October 31, 2022

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022 and executed by FHWA and FDOT.

Utility Assessment Report

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Work Program Item Segment No. 446581-1-22-01
Osceola County, Florida

Prepared for:



Florida Department of Transportation
Turnpike Enterprises

Prepared by:
ECHO UES
4803 George Rd., Suite 350
Tampa, Florida 33634

August 2022

EXECUTIVE SUMMARY

This Utility Assessment Report was prepared to evaluate the Utilities within the project corridor. The data collected from the Utility Agency Owners (UAO's) includes their green lines /As-Builts of the project area describing what facilities they have on the project.

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SECTION 1 INTRODUCTION

1.1 PROJECT DESCRIPTION

The project involves extending the Poinciana Parkway (SR 538) from County Road 532 (CR 532) to the Interstate 4 (I-4) / State Road 429 (SR 429) interchange, modifying the I-4 / SR 429 interchange to accommodate the Poinciana Parkway connection, and increasing capacity of the segment of SR 429 from the I-4 / SR 429 interchange to the SR 429 / Sinclair Road interchange. The total project length is approximately (4) miles.

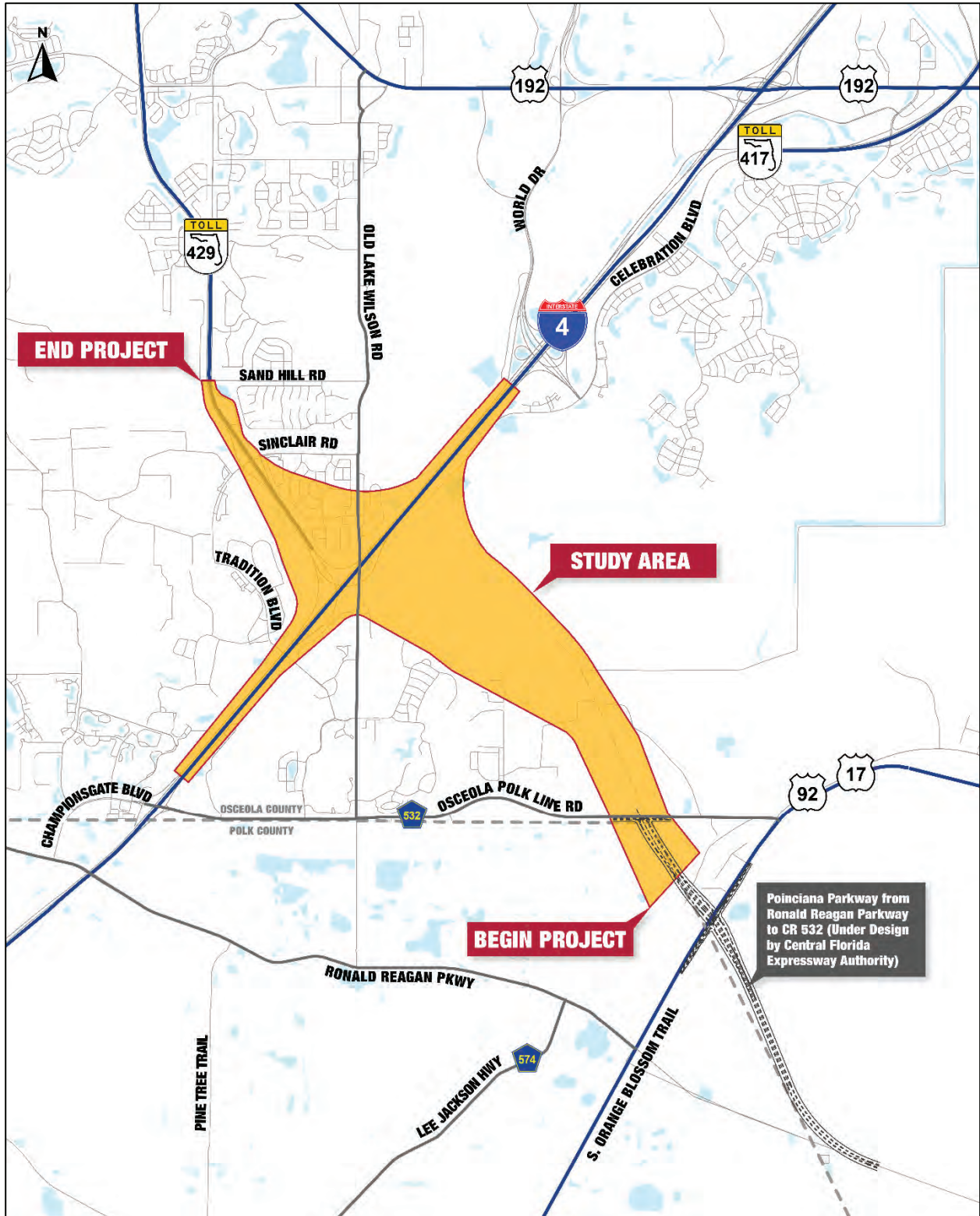
The Poinciana Parkway is a section of a future limited access toll facility, often referred to as the "Southern Beltway". The Southern Beltway would provide a regional, limited access facility that connects I-4 on the west to the interchange of Boggy Creek Road / SR 417 on the east, a distance of approximately 50 miles. The westernmost portion of the Southern Beltway is referred to as the Poinciana Parkway.

The study area (see **Figure 1-1**), which includes portions of Polk and Osceola Counties, is comprised of residential land uses, the 2,226-acre Reunion Resort, and conservation lands under the jurisdiction of the Reedy Creek Improvement District. There are also numerous undeveloped parcels with residential and planned development future land use designations, wetland systems, and overhead and underground utility corridors. CR 532 follows the county line between Polk County on the south and Osceola County on the north.

1.2 PURPOSE & NEED

The purpose of this project is to complete the missing link in the Poinciana Parkway between the planned terminus at CR 532 to the I-4 / SR 429 interchange. The project will also address future congestion on SR 429 from the I-4 / SR 429 interchange to the SR 429 / Sinclair Road interchange.

Figure 1-1: Project Location Map



2.0 UTILITY INFORMATION

2.1 General

The intent of this report is to furnish pertinent information concerning the location, size and characteristics of major utilities found within the proposed study limits (See Figure 1-1).

2.2 Utility Coordination

The preliminary utility coordination and investigation effort was conducted through written and verbal communications with the existing utility owners. A Sunshine State 811 of Florida Design Ticket System listing of existing utility owners was acquired on January 29, 2020 (Appendix B).

Initially, verbal communication was made to all utility's owners outlining the investigation effort along with the project limits. The list of utility agencies owners (UAO) known to operate utilities within the project corridor include:

Figure 1-2: Utility Contact Information

Utility Agency	Utility Contact Name	Utility Contact Phone	Utility Contact Email
Bright House Networks	John Smith (Smitty)	407-448-5513	john.smith5@charter.com
CenturyLink	Eric Walls	407-907-9284	ewalls@terratechllc.net
CenturyLink fka Level 3	Xan Rypkema	720-888-1089	xan.rypkema@lumen.com
ComCast	N/A	N/A	cenflr-nfl_construction@comcast.com
Duke Energy Distribution	Mark Manner	863-241-1663	mark.manner@duke-energy.com
Duke Energy Transmission	Aric Rogers	813-909-1245	arogers@pike.com
Duke Energy Fiber	Julian Jordan	727-820-5208	julian.jordan@duke-energy.com
Enterprise Community Development	Gregory Kolb	404-423-8398	g.kolb@gaiconsultants.com
Florida Gas Transmission	Joseph Sanchez	407-838-7171	joseph.e.sanchez@energytransfer.com
Florida Southeast Connection	Segun Ojetayo	713-951-5379	Segun.ojetayo@nexteraenergy.com
Gulfstream Natural Gas	Fred DeLoach	941-723-7108	Fred.deloach@williams.com
Kinder Morgan	Joe Pedraza	713-420-6250	Jose_pedraza2@kindermorgan.com
Kissimmee Utility Authority Electric	Felix Escobar	407-933-777 x6600	fescobar@kua.com
Kissimmee Utility Authority/Transtate Industrial Pipeline	Tom Ulmer	772-778-2255	tulmerjr@transtate.com
Osceola County Traffic	Jack Lott	407-742-7534	jack.lott@osceola.org
Polk County	Chris Lyon	863-534-4027	chrislyon@polkgov.net
Spectra Energy-Sabal Trail	Peter Kerrigen	407-966-2928	Peter.kerrigen@enbridge.com
Summit Broadband	Michelle Daniel	407-996-1183	mdaniel@summit-broadband.com
TECO Peoples Gas	Shawn Winsor	407-420-6663	swinsor@tecoenergy.com
TOHO Water Authority	Robert Pelham	407-944-5132	rpelham@tohowater.com
Uniti Fiber	James Mosley	251-645-8216	James.mosley@uniti.com
Verizon	Tim Cole	407-618-2078	Timothy.cole@verizon.com
Zayo	Bruce Herrington	813-386-2927 x.2927	bruce.herrington@kci.com

For the report's preparation, utility owners were provided aerial based utility plans depicting the Poinciana Parkway between the planned terminus at CR 532 to the I-4 / SR 429 interchange. Using these aerial plans as a base map, each utility owner was asked to indicate their existing and proposed utilities as well as any easements that may affect their reimbursement rights for potential relocations of their facilities. In response, most utility owners replied via written communications. The utility owners provided the requested information concerning their facilities using either the utility plans or reference

documentation (i.e., "As Built" or GIS maps). "Marked" Plans or reference documentation was received from the Utility Agency Owners below.

3.0 UTILITY EXISTING FACILITIES DESCRIPTIONS

3.1 Bright House Networks

Non-Responsive

3.2 CenturyLink

Non-Responsive

3.3 CenturyLink fka Level 3

No Facilities e-mail received from Eric Walls on 9/8/2021. See Appendix A for e-mail.

3.4 ComCast

Non-Responsive

3.5 Duke Energy Distribution

Duke Energy Distribution owns, maintains, and operates facilities throughout all the project limits both aerial and underground. They have a 12.47kv overhead facilities that run north and south along Old Wilson Road on the east side. They have underground phase I lines that feed the lighting throughout project limits. There was no estimate given for reimbursement. See Appendix A for markups.

3.6 Duke Energy Transmission

Non-Responsive

3.7 Duke Energy Fiber

Non-Responsive

3.8 Florida Gas Transmission

Non-Responsive

3.9 Florida Southeast Connection

Non-Responsive

3.10 Gulfstream Natural Gas

Gulfstream Natural Gas owns operates and maintains a 16" and 24" high pressure transmission pipeline within the project limits. At SR 429 and I-4 there is a Meter station 456, 457, and 458 and Radio Tower on the East side of I-4. There is a 24" Steel Natural Gas Transmission pipeline that runs along the back side of the meter station and runs parallel to I-4. Gulfstream is within an easement area and will be requesting for reimbursement on this project. Gulfstream did not provide a cost estimate at this time. See Appendix A for marked plans.

3.11 Kinder Morgan

Non-Responsive

3.12 Kissimmee Utility Authority (KUA) Transtate Natural Gas

KUA has a gas main that runs from the south along Old Lake Wilson to the north and goes into the meter station. See Appendix A for markups.

3.13 Osceola County

No Facilities e-mail received on 08/31/2021 from Jack Lott. See Appendix A for e-mail response.

3.14 Polk County

Non-Responsive

3.15 Sabal Trail

Non-Responsive

3.16 Summit Broadband

Summit Broadband has existing fiber optic cable (FOC) that runs from the south to the north along Old Lake Wilson Road and then turns and goes east to the meter station.

They also have 3-1 1/4 "conduit with a 72ct FOC that runs from the north along on the ramp to I-4 and then turns and crosses I-4 and follows the on ramp to SR 429 on the south side and continues east. See Appendix A for markups.

3.17 TECO Peoples Gas

Non-Responsive

3.18 TOHO Water Authority

Non-Responsive

3.19 Uniti Fiber

Uniti Fiber has 2-1.25" ducts with 3/4" fiber cable that runs along Old Lake Wilson on the east side and turns and goes into the meter station. See Appendix A for mark ups.

3.20 Verizon

Non-Responsive

3.21 Zayo

Zayo has 3- 1 1/4" HDPE ducts that run along Old Lake Wilson on the east side. See Appendix A for markups.

APPENDICES

Appendix A Title for Appendix A

Appendix B Title for Appendix B

APPENDIX A

Utility Marked Plans/As-Built Information

Trisha Miller

From: Jack Lott <Jack.Lott@OSCEOLA.ORG>
Sent: Tuesday, August 31, 2021 7:42 AM
To: Trisha Miller
Cc: Gary Yeager
Subject: FW: FPN#446581-1 Poinciana Extension Contact
Attachments: 446581-Poinciana Extension UAP Contact Letter8-26-21.docx; 500_Poinciana1.pdf

Good morning Trisha,
After review of the submitted documents we find that Osceola County has no fiber optic lines within the attached map outlines.
If anything else is needed let us know.

Jack Lott
Osceola County Traffic Operations
407-742-7534

From: Joshua DeVries <Joshua.Devries@OSCEOLA.ORG>
Sent: Monday, August 30, 2021 4:13 PM
To: Jack Lott <Jack.Lott@OSCEOLA.ORG>; Trisha Miller <trisha.miller@echoues.com>
Subject: FW: FPN#446581-1 Poinciana Extension Contact

Jack, Is this something you would review for Osceola County Utilities?

Trisha, Please remove me from this list, as I have mentioned several times in the past, I do not deal with County Utilities, and would be of very little help in regards to an Advanced Utility Notification. Jack may be the correct person to put on the list. He will correct me if that is not the case.

Thank You,

Joshua DeVries, AICP

Director of Planning / Sr. Planner
Department of Transportation and Transit
Osceola County Government
1 Courthouse Square, Suite 3100
Kissimmee, FL 34741
Phone: 407.742.7813
Fax: 407.742.0204
Joshua.Devries@Osceola.org

From: Trisha Miller <trisha.miller@echoues.com>
Sent: Monday, August 30, 2021 4:03 PM
To: Marvin.usryjr@charter.com; Michael.t.leslie@centurylink.com; Xan.rypkema@centurylink.com; CENFLR-NFL_construction@comcast.com; mark.hurst@duke-energy.com; fescobar@kua.com; roger.smith@ocfl.net; Joshua DeVries <Joshua.Devries@OSCEOLA.ORG>; rschuerle@ouc.com; mark.hurst@duke-energy.com; chrislyon@polkgov.net; mdaniel@summit-broadband.com; permit@summit-broadband.com; swinsor@tecoenergy.com; rpelham@tohowater.com; tulmerjr@transtate.us; james.mosley@uniti.com; Thomas.clark@verizon.com;

Subject: FPN#446581-1 Poinciana Extension Contact

[EXTERNAL EMAIL] - This email originates outside of Osceola County Government. Do not click links or open attachments unless you recognize and confirm the sender's email address. If you are unsure if an email is safe or not, please forward the email to itsecurity@osceola.org

RE: FPID/County: 446581-1-22-01/ Osceola
Poinciana Parkway Extension Project Development and Environmental Study
Description: From CR 532 to North of I-4

Dear Utility Agency/Owners:

Florida's Turnpike Enterprise, part of the Florida Department of Transportation is preparing a Project Development & Environmental Study (PD&E) study to evaluate an extension on new alignment of the Poinciana Parkway (SR 538) from CR 532 north to the I-4/SR 429 interchange and continuing north along SR 429 to Sand Hill Road in Osceola County, a total distance of approximately four miles. The existing interchanges at I-4/SR 429 and Sinclair Road will be evaluated for improvements. In addition, improvements along I-4 from the CR 532 interchange to the World Drive Interchange are being considered. Also, the Poinciana Parkway interchange planned by Central Florida Expressway Authority (CXF) at CR 532 will be evaluated for improvements. The enclosed base maps are provided for your assistance in showing where your existing and/or proposed facilities are located in relation to the project study area.

Your cooperation in providing information **regarding your facilities within the limits of the Poinciana Parkway Extension from CR 532 to North of I-4** is necessary for the Department to reach a decision on the type, design, and location of the proposed improvements described.

When determining route and design, it is our common obligation to accomplish the improvement without unnecessary cost to the public, whether as taxpayers or utility rate payers. By providing the following information, the Department can make the most beneficial decision for the public:

- 1) KMZ/GIS/CADD files of your information
- 2) Mark prints in Green Line to show existing facilities
- 3) Provide estimate of proposed relocation costs and/or reimbursement claims (unit costs)
- 4) Comments/Observations that may help in this study
- 5) Mark prints in Brown Line to show future facilities with identified cost to relocate/reimburse

Your assistance in completing this information no later than **September 23, 2021**, is necessary due to the limited time available to the Department to complete State and/or Federal reviews and authorizations. Once preliminary concept plans are available, we will further coordinate with you to determine more specific impacts, relocation needs, and cost estimates.

If you have any questions, please don't hesitate to contact this office for further details on criteria requested.

Your usual prompt attention to this request will be greatly appreciated.

Sincerely,

Trisha L. Miller

Trisha L. Miller
PD&E Utility Coordinator

Thank You,

Trisha L. Miller
Senior Utility Coordinator



ECHO UES, Inc.

400 SR 434 Suite 1024

Oviedo, Florida 32765

Office: 888.778.ECHO | Cell: 386.747.7359

www.echoues.com | Trisha.Miller@echoues.com

Please Note: Florida has a very broad Public Records Law. E-mails to this entity or its employees may be considered a public record. Your e-mail communication, including your email address may be disclosed to the public and media at any time.

ZAYO GREEN-LINES 9.16.21



LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

ZAYO (3) 1-1/4" HDPE DUCTS E/W FOC

5.941'-6"

MATCH LINE - SEE PLAN SHEET 7

MATCH LINE - SEE PLAN SHEET 6

MATCH LINE - SEE PLAN SHEET 4

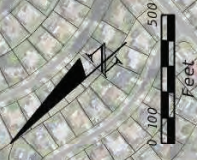
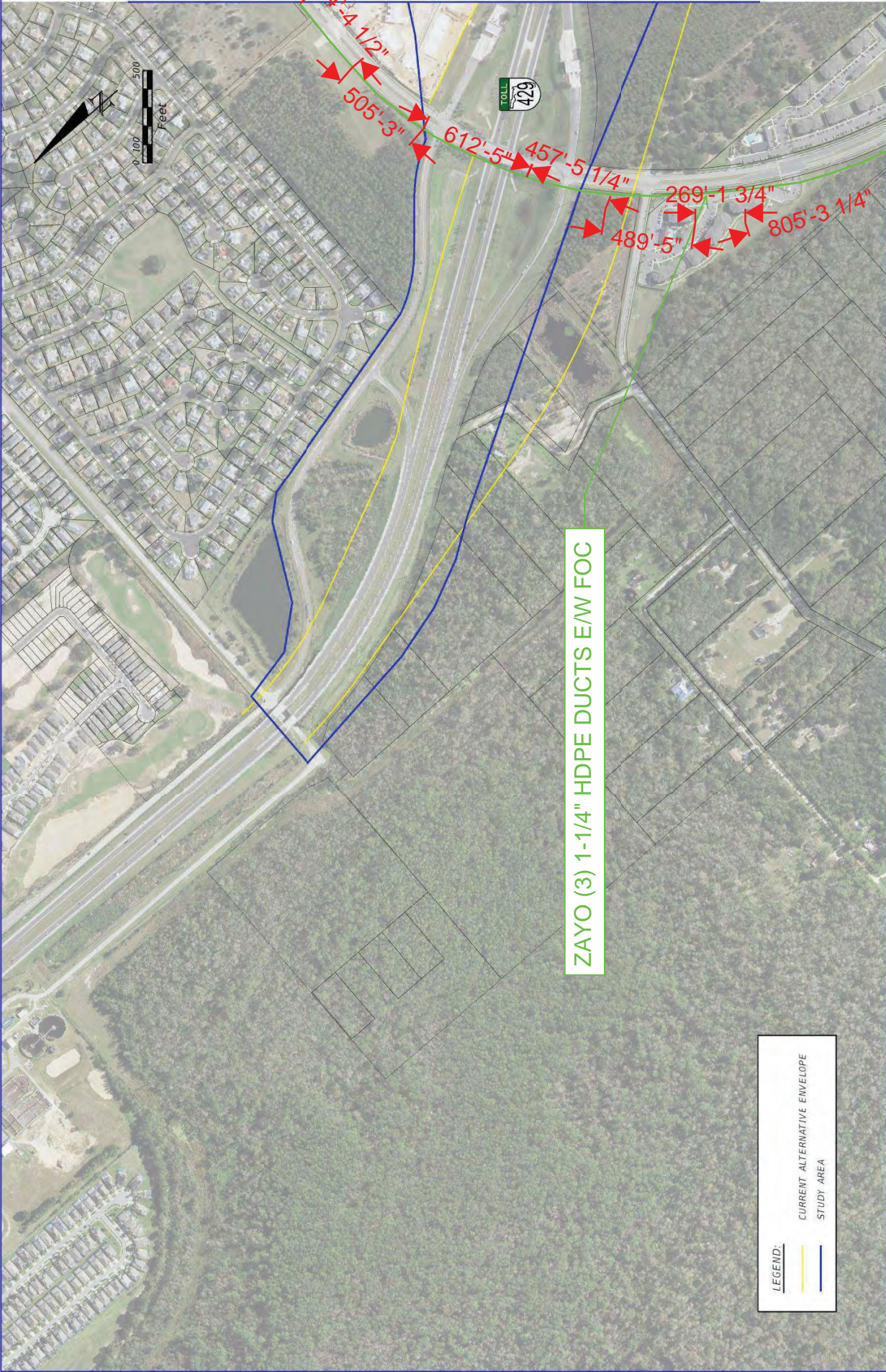
MATCH LINE - SEE PLAN SHEET 2

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	FINANCIAL PROJECT ID

PLAN SHEET (3)	
SHEET NO.	

MATCH LINE - SEE PLAN SHEETS 3 AND 6



ZAYO (3) 1-1/4" HDPE DUCTS EW FOC

LEGEND:

—	CURRENT ALTERNATIVE ENVELOPE
—	STUDY AREA

DATE	DESCRIPTION	DATE	DESCRIPTION
CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. COUNTY FINANCIAL PROJECT ID		PLAN SHEET (4)	
SHEET NO.		SHEET NO.	

Uniti Fiber Markup



LEGEND:

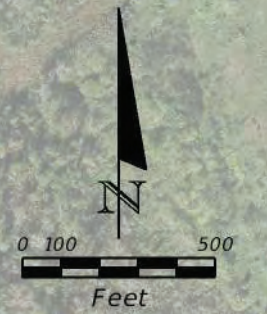
	CURRENT ALTERNATIVE ENVELOPE
	STUDY AREA

MATCH LINE - SEE PLAN SHEET 2

REVISIONS				CENTRAL FLORIDA EXPRESSWAY AUTHORITY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							PLAN SHEET (1)

MATCH LINE - SEE PLAN SHEET 1

MATCH LINE - SEE PLAN SHEET 3



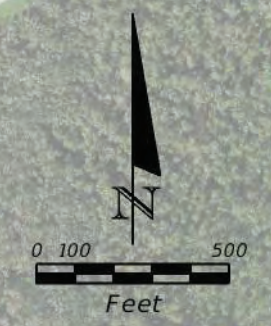
LEGEND:

	CURRENT ALTERNATIVE ENVELOPE
	STUDY AREA

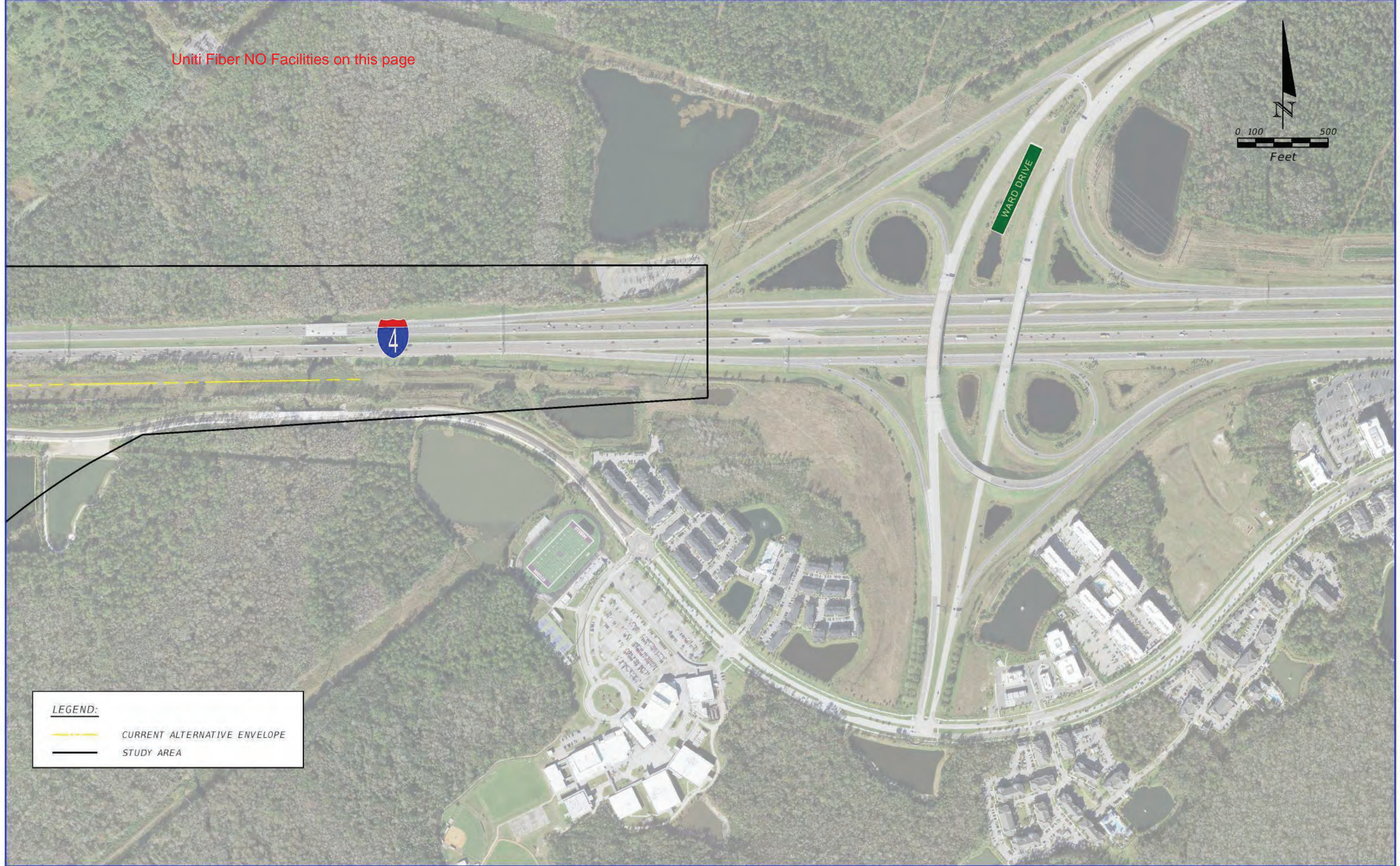
Uniti Fiber has (2) 1.25" ducts with 3/4" fiber cable

REVISIONS				CENTRAL FLORIDA EXPRESSWAY AUTHORITY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							PLAN SHEET (2)

Uniti Fiber NO Facilities on this page



MATCH LINE - SEE PLAN SHEET 2



LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

REVISIONS		REVISIONS		CENTRAL FLORIDA EXPRESSWAY AUTHORITY			PLAN SHEET (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					



S Lake Wilson Rd

S Lake Wilson Rd

Sandy Ridge Dr

Assembly Ct

TECO Peoples Gas

4
392-233

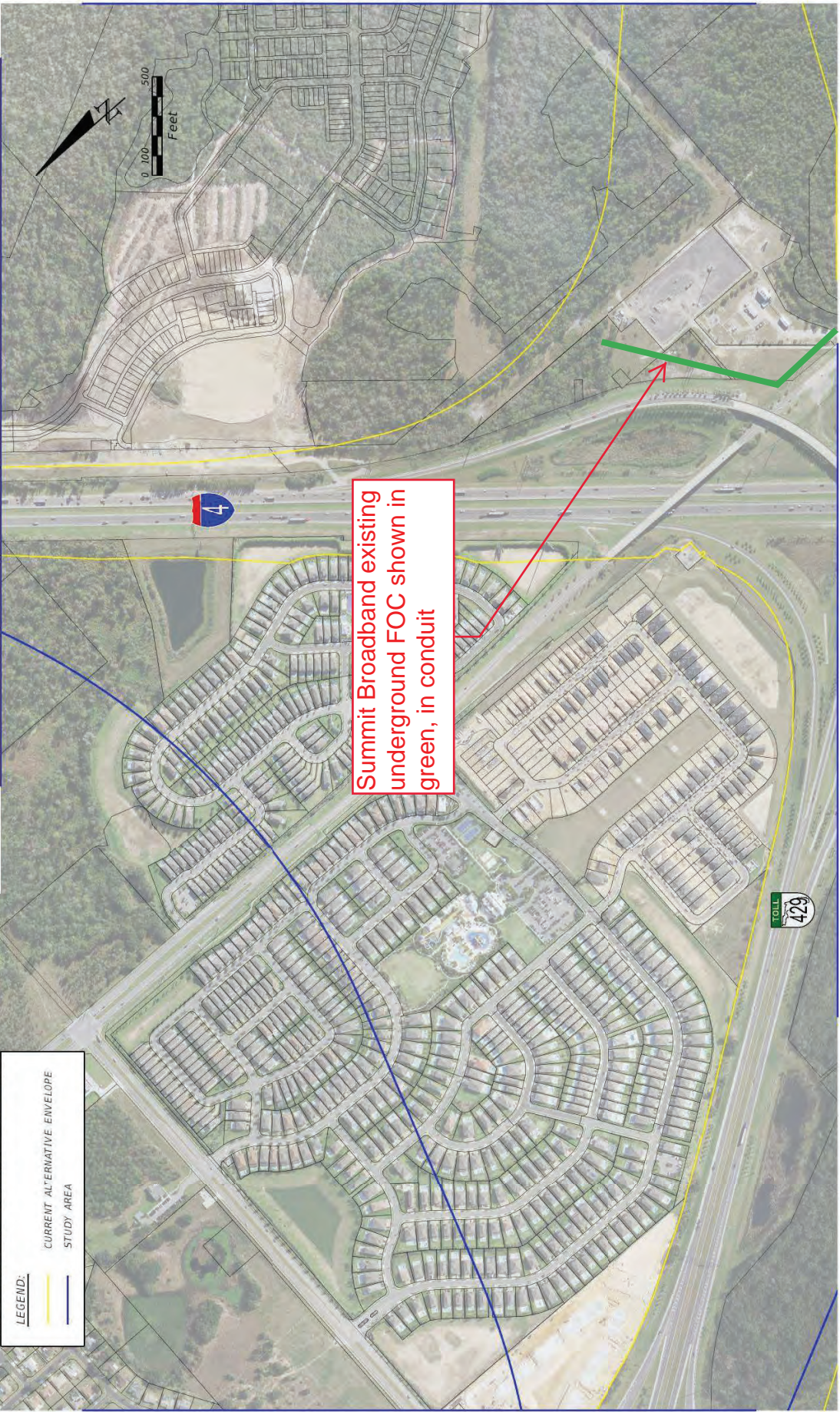
4
393-233

SR-400
SR-400

SR-400
SR-400

1 Ct

MATCH LINE - SEE PLAN SHEET 7



MATCH LINE - SEE PLAN SHEET 4

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

MATCH LINE - SEE PLAN SHEET 6

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		ROAD NO.		FINANCIAL PROJECT ID	
COUNTY					

PLAN SHEET (3)		SHEET NO.

MATCH LINE - SEE PLAN SHEETS 2 AND 3

Summit Broadband existing
underground 72ct FOC shown in
green, in HDPE 3-1.25" conduit.



LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		ROAD NO.		COUNTY		FINANCIAL PROJECT ID	

PLAN SHEET (7)		SHEET NO.	

MATCH LINE - SEE PLAN SHEET 2



**Kissimmee Utility
Authority Natural
Gas Pipeline**

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

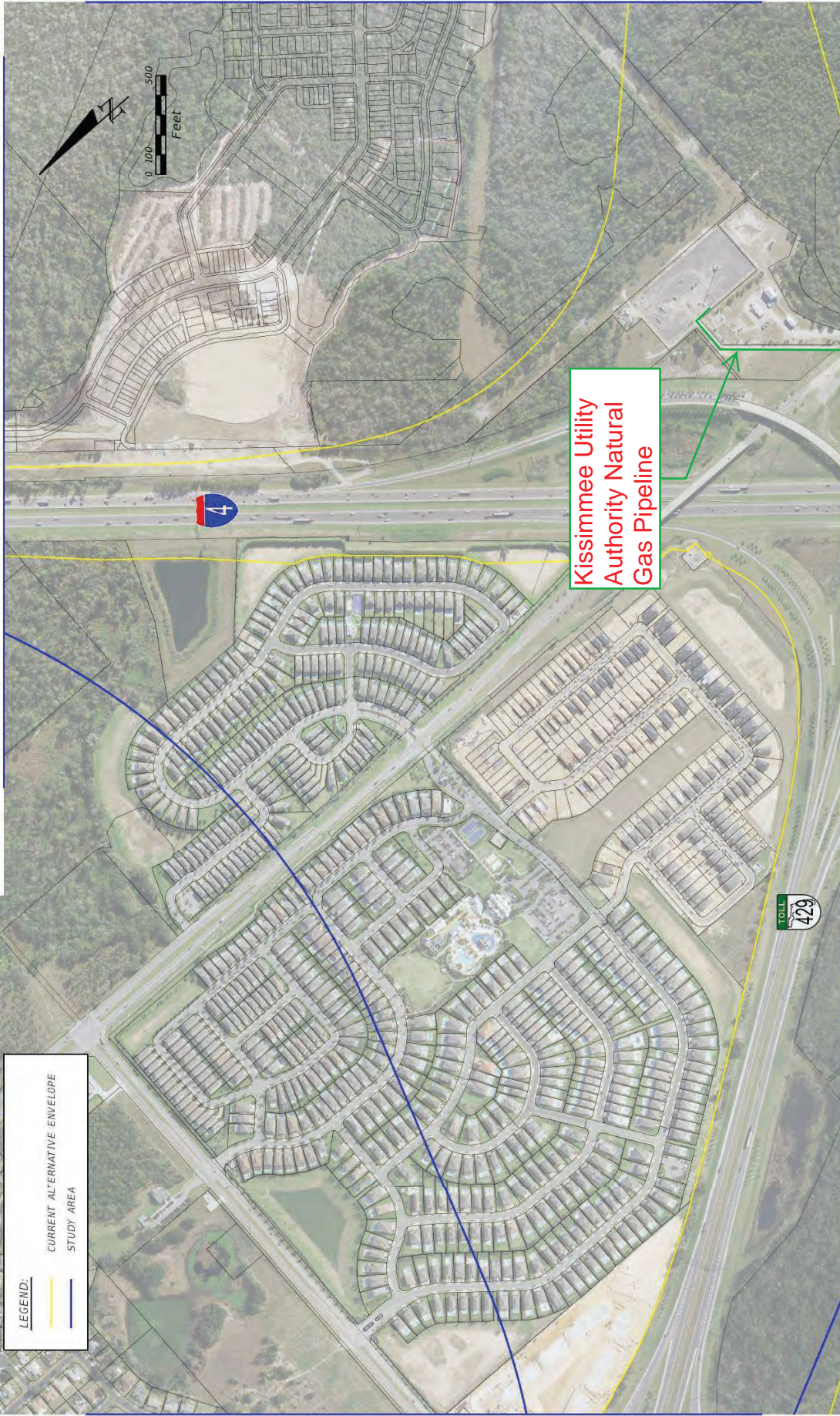
REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	FINANCIAL PROJECT ID

PLAN SHEET (1)	
SHEET NO.	

MATCH LINE - SEE PLAN SHEET 2

MATCH LINE - SEE PLAN SHEET 7



MATCH LINE - SEE PLAN SHEET 4

MATCH LINE - SEE PLAN SHEET 6

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

Kissimmee Utility
Authority Natural
Gas Pipeline

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. COUNTY FINANCIAL PROJECT ID				
PLAN SHEET (3)				
SHEET NO.				

Kissimmee Utility Authority Natural Gas



MATCH LINE - SEE PLAN SHEETS 3 AND 6

LEGEND:

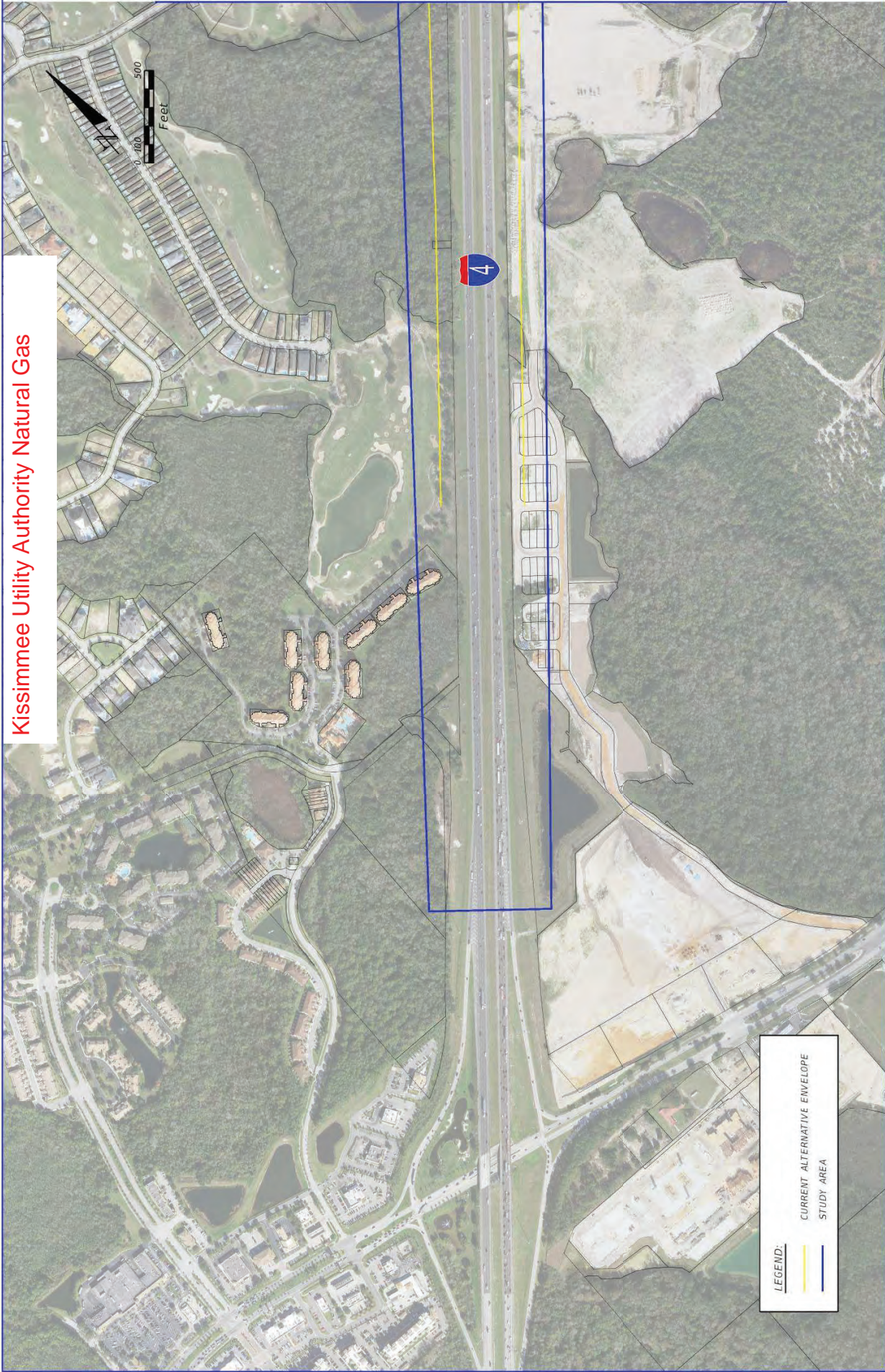
	CURRENT ALTERNATIVE ENVELOPE
	STUDY AREA

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	FINANCIAL PROJECT ID

PLAN SHEET (4)	
SHEET NO.	

Kissimmee Utility Authority Natural Gas



MATCH LINE - SEE PLAN SHEET 6

LEGEND:

	CURRENT ALTERNATIVE ENVELOPE
	STUDY AREA

DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	FINANCIAL PROJECT ID

PLAN SHEET (6)	
SHEET NO.	

MATCH LINE - SEE PLAN SHEET 3



MATCH LINE - SEE PLAN SHEET 4

Kissimmee Utility Authority Natural Gas

LEGEND:
 — CURRENT ALTERNATIVE ENVELOPE
 — STUDY AREA

MATCH LINE - SEE PLAN SHEET 5

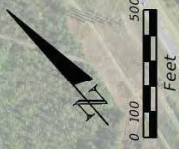
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	FINANCIAL PROJECT ID

PLAN SHEET (6)	
SHEET NO.	

Kissimmee Utility Authority Natural Gas

MATCH LINE - SEE PLAN SHEETS 2 AND 3



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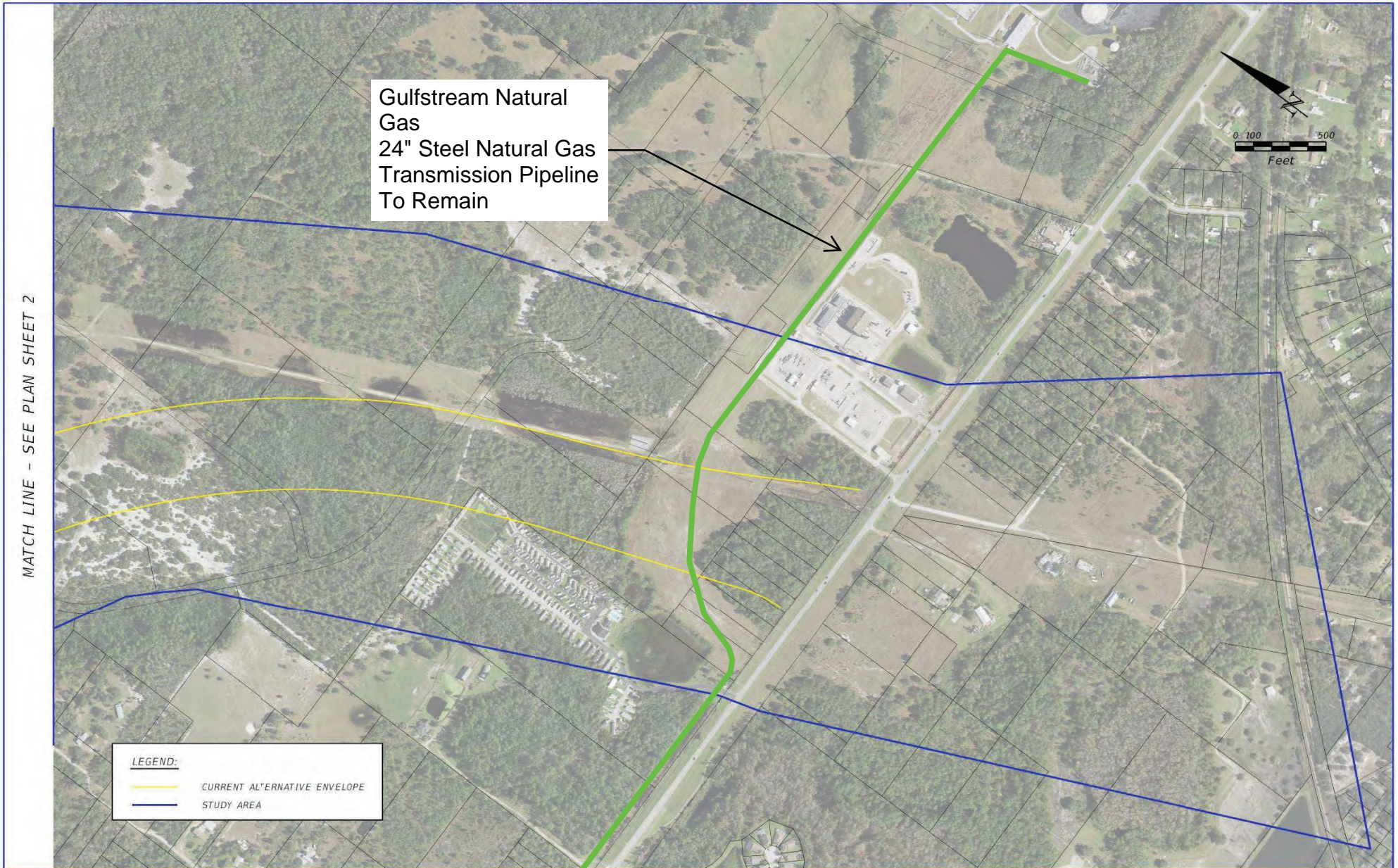
- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	COUNTY
FINANCIAL PROJECT ID	

PLAN SHEET (7)

SHEET NO.



Gulfstream Natural Gas
24" Steel Natural Gas
Transmission Pipeline
To Remain

MATCH LINE - SEE PLAN SHEET 2

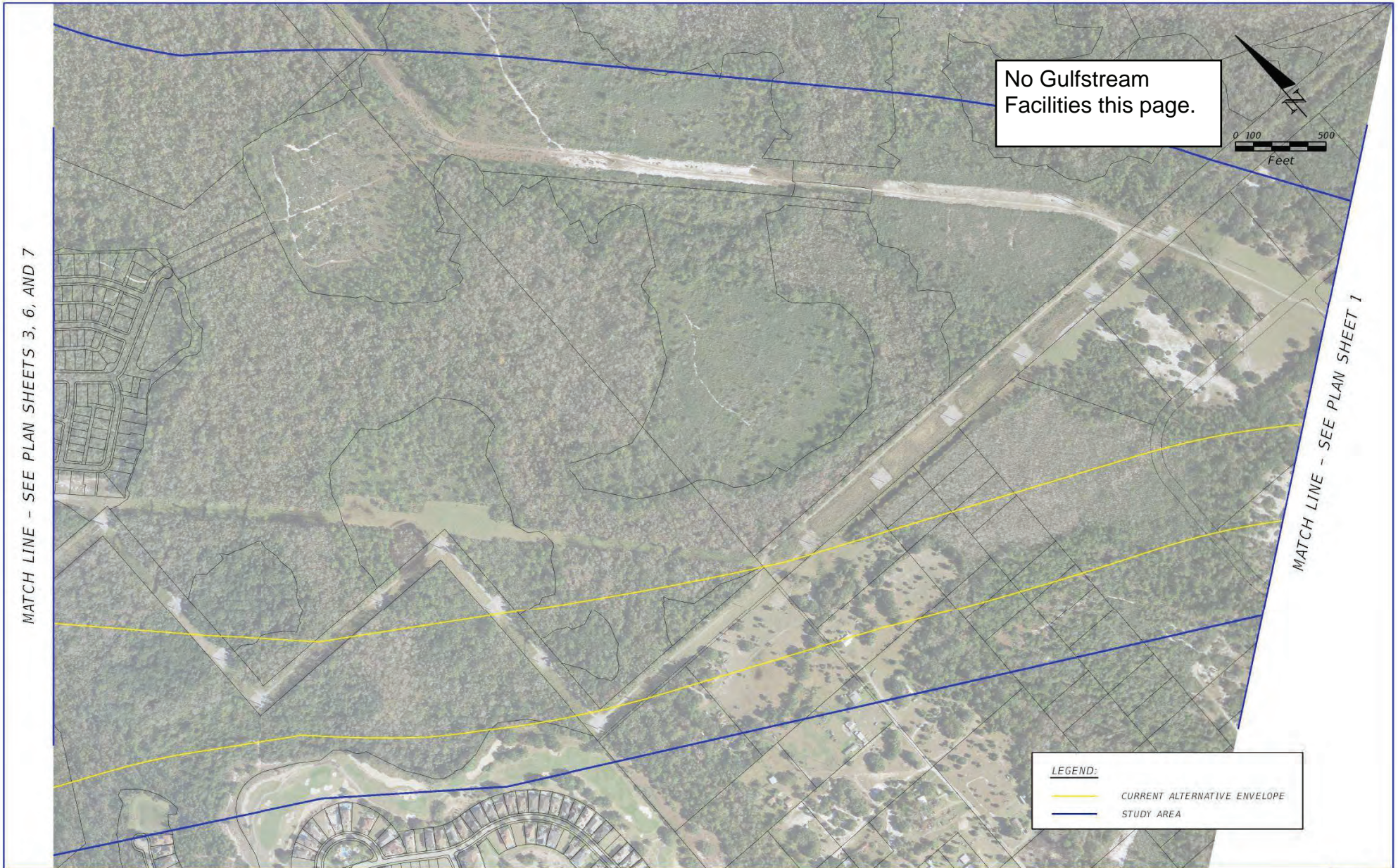
LEGEND:
 — CURRENT ALTERNATIVE ENVELOPE
 — STUDY AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

PLAN SHEET (1)

SHEET NO.



No Gulfstream
Facilities this page.



MATCH LINE - SEE PLAN SHEETS 3, 6, AND 7

MATCH LINE - SEE PLAN SHEET 1

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

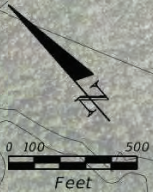
PLAN SHEET (2)

SHEET NO.

MATCH LINE - SEE PLAN SHEET 7

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

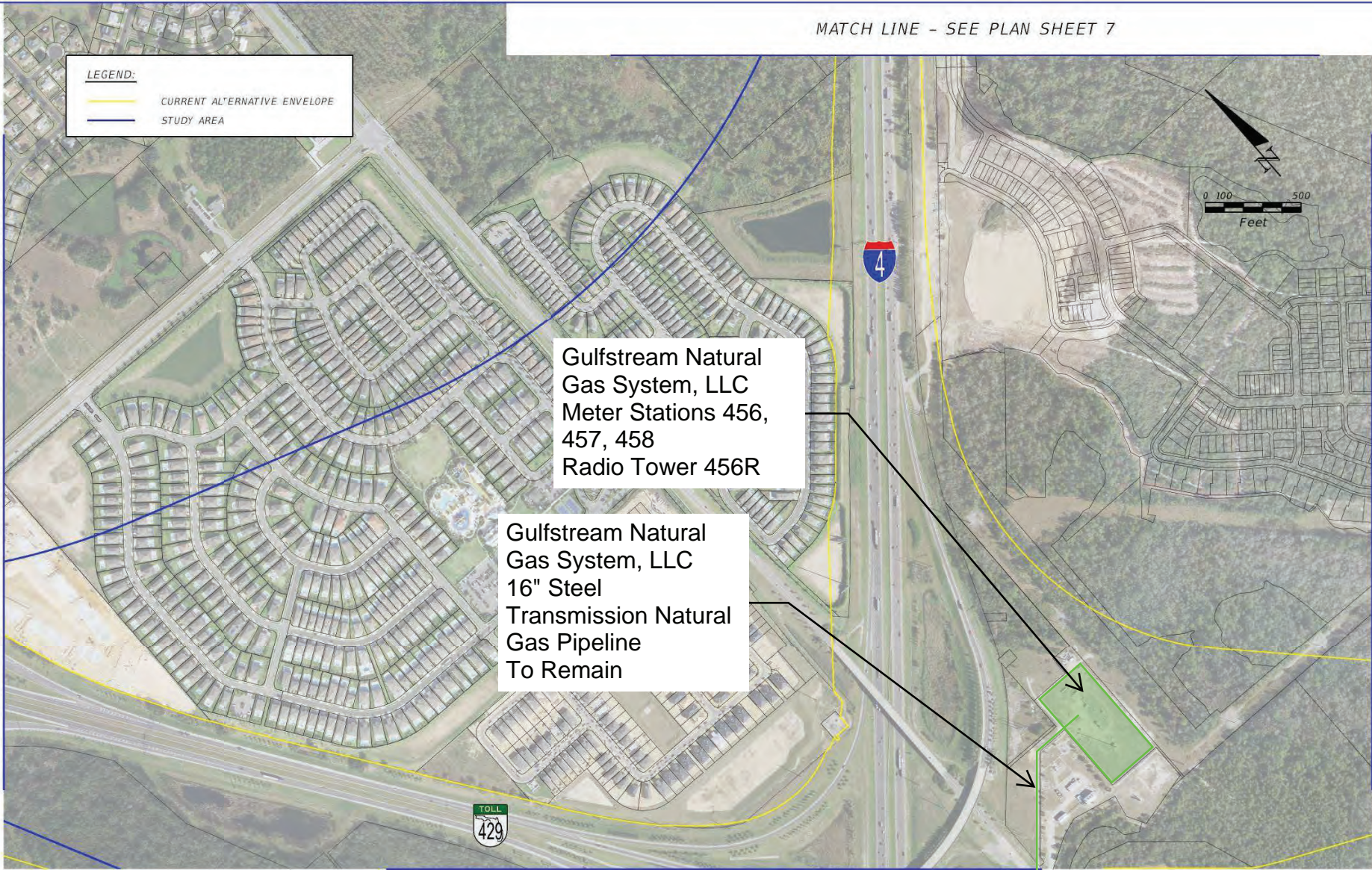


MATCH LINE - SEE PLAN SHEET 4

MATCH LINE - SEE PLAN SHEET 2

Gulfstream Natural Gas System, LLC
Meter Stations 456, 457, 458
Radio Tower 456R

Gulfstream Natural Gas System, LLC
16" Steel Transmission Natural Gas Pipeline
To Remain



MATCH LINE - SEE PLAN SHEET 6

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

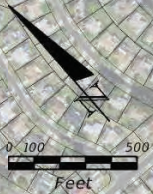
CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID



PLAN SHEET (3)

SHEET NO.



No Gulfstream
Facilities this page.



LEGEND:	
	CURRENT ALTERNATIVE ENVELOPE
	STUDY AREA

MATCH LINE - SEE PLAN SHEETS 3 AND 6

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	FINANCIAL PROJECT ID



PLAN SHEET (4)

SHEET
NO.



No Gulfstream
Facilities this page.



LEGEND:			
		CURRENT ALTERNATIVE ENVELOPE	
		STUDY AREA	

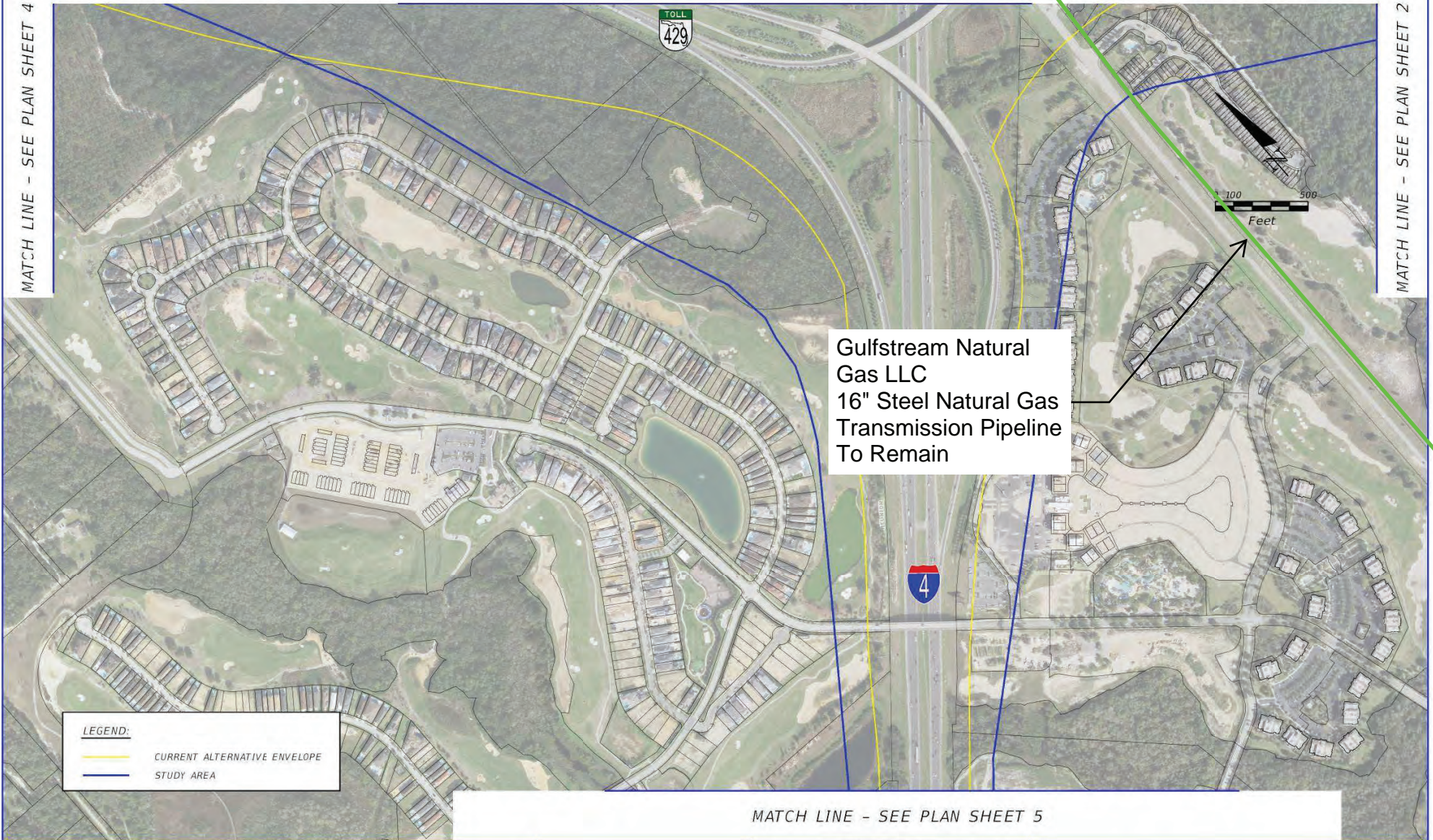
MATCH LINE - SEE PLAN SHEET 6

REVISIONS				CENTRAL FLORIDA EXPRESSWAY AUTHORITY			PLAN SHEET (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

MATCH LINE - SEE PLAN SHEET 3



MATCH LINE - SEE PLAN SHEET 4

MATCH LINE - SEE PLAN SHEET 2



MATCH LINE - SEE PLAN SHEET 5

LEGEND:

	CURRENT ALTERNATIVE ENVELOPE
	STUDY AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

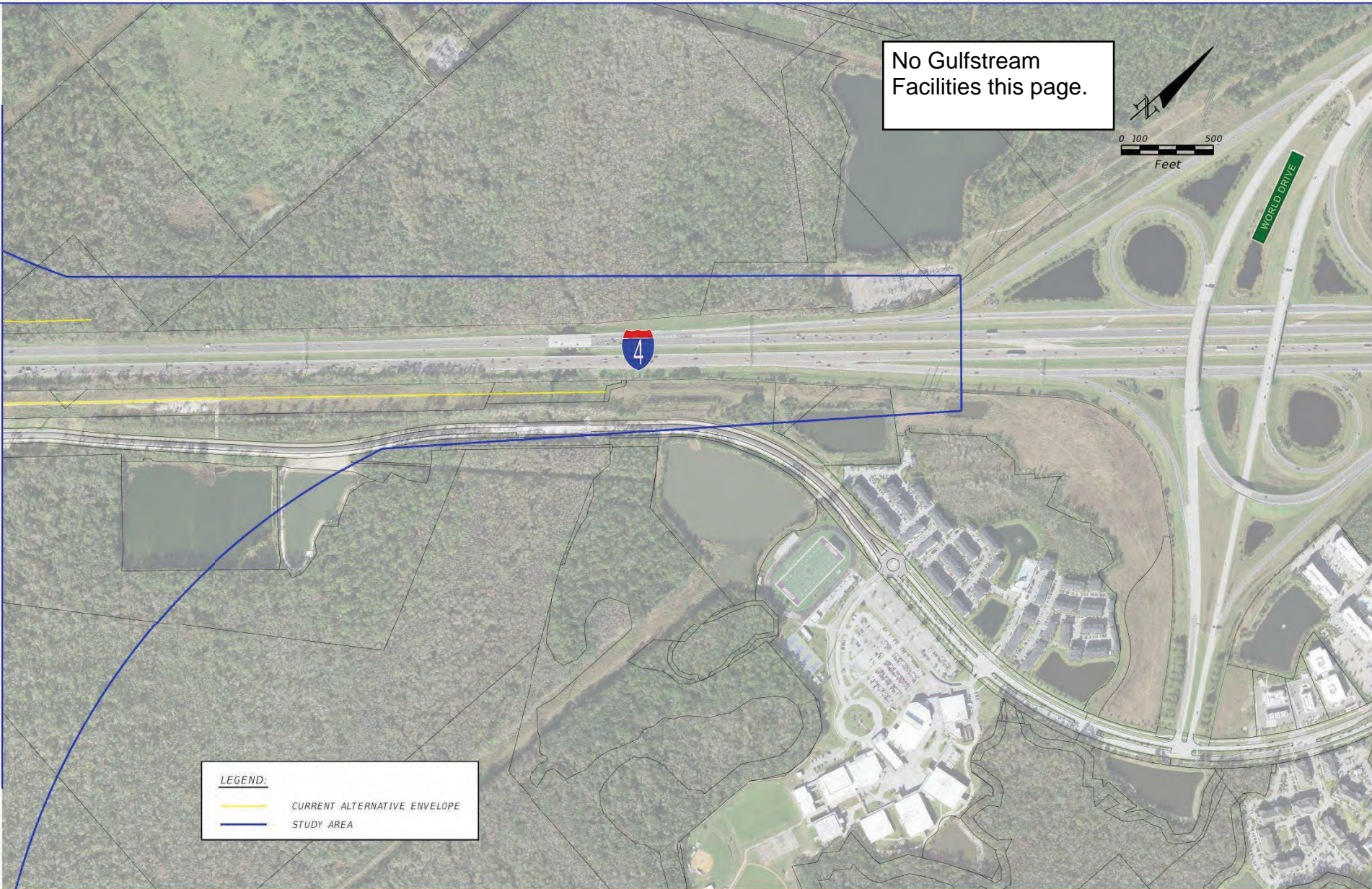
CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

PLAN SHEET (6)

SHEET NO.

MATCH LINE - SEE PLAN SHEETS 2 AND 3

No Gulfstream
Facilities this page.



LEGEND:
 — CURRENT ALTERNATIVE ENVELOPE
 — STUDY AREA

		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

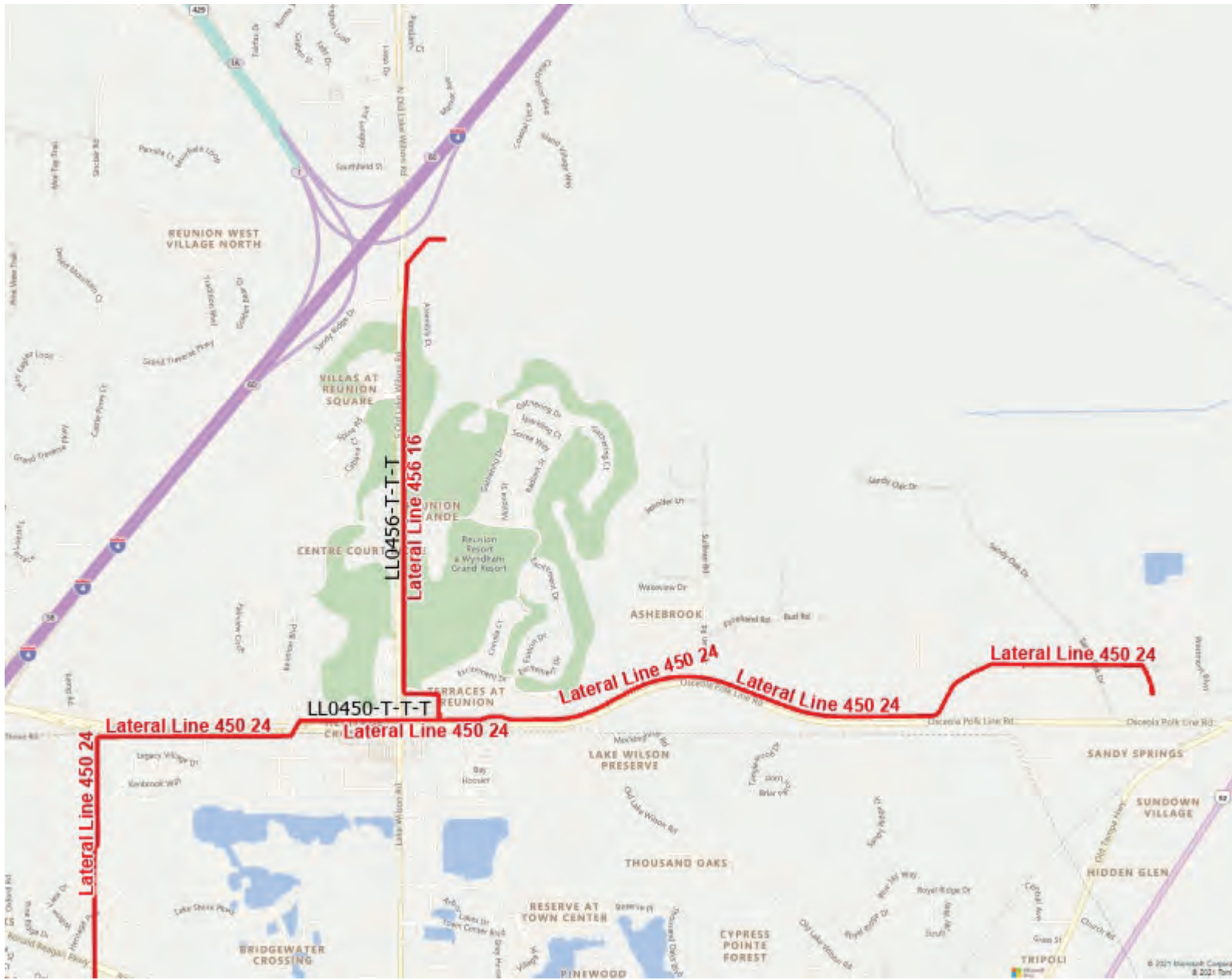
CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

PLAN SHEET (7)

SHEET
NO.



Williams Mapping



Legend

- Office Location Point
- Compressor Station Point
- LNG Plant Point
- Processing Plant Point
- Underground Storage Point
- Terminal Point
- Treatment Plant Point
- Offshore Platform Point
- Pump Station Point

Pipeline Segment by Operator

- In-Service
- In-Service Leased
- In-Service NonOp
- Out of Service
- Out of Service Leased
- Out of Service NonOp
- Retired
- Abandoned
- <all other values>

Pipeline Segment by Franchise

- Anadarko Basin/Mid-Con
- Barnett
- Eagle Ford
- Eastern Interstates
- Gulf of Mexico
- Haynesville
- Laurel Mountain Midstream
- NGL Services
- Northwest Pipeline
- ORSH Gathering
- Permian
- Piceance
- Rocky Mountain Midstream
- SRSH Bradford
- SRSH Susquehanna
- Southwest Wv/minn

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 Created: 9/16/2021 10:08 AM

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FPID 446581-1-22-01

Notes



September 16, 2021

Ms. Trisha Miller
ECHO Utility Engineering and Survey
400 SR 434 Suite 1024
Oviedo, FL 32765

RE: FPID# : 446581-1-22-01
County : Osceola
Poinciana Parkway Extension Project Development and Environmental Study
Description : From CR 532 to North of I-4

Ms. Miller,

Gulfstream Natural Gas System has reviewed the PD&E plans sent under your email dated August 30, 2021 for the subject project. Gulfstream Natural Gas in fact owns operates and maintains a 16" & 24" high pressure natural gas transmission pipeline within the project study limits. Both pipelines along with the limits of a meter station/communication facility have been indicated in the plan set provided. Gulfstream does have compensable interests in lands held in and across the proposed project study corridor. Easements are recorded in the following Official Records:

LL456

OR BK 1931 PG 1089

OR BK 1996 PG 2144

OR BK 2098 PG 1649

OR BK 2192 PG 1887

OR BK 2594 PG 1433

LL450

OR BK 1858 PG 310 Amended at OR BK 1972 PG 1146

OR BK 2204 PG 2199

OR BK 1909 PG 1164

OR BK 1890 PG 1953

OR BK 1909 PG 1170

OR BK 1875 PG 2629

OR BK 2109 PG 1894

OR BK 1890 PG 1958

OR BK 1890 PG 1962

OR BK 1931 PG 1144

OR BK 1931 PG 1134

OR BK 1972 PG 1111

OR BK 2098 PG 1639

Clean Energy for Florida's Future

I have also included with this transmittal as-built survey notes for the pipeline facilities within the project study area along with a general overview map.

A cost estimate is undeterminable at this time due to the unknown extent of impact the Departments project will have on Gulfstream's transmission system. The meter facilities located within the identified facility site, interconnect with 3 other utilities and would provide major impacts to all 4 of the utility providers.

If you have any questions, please contact me at (941) 723-7108.

Sincerely,

Fred DeLoach
Engineer Sr.
Gulfstream Management & Operating Services, L.L.C.
As Operator of Gulfstream Natural Gas System, L.L.C.

Cc: File - Line 450, Line 456, James Villarreal, Melissa Hammer

GULFSTREAM LINE 456 SURVEY REPORT

AS-BUILT SURVEY BOOK

UTM - 17 North NAD 83 US Feet NAVD 88

HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
38+87.92	38+91.87	10259665.27	1450388.22	128.32	TIE LT. 59' CONC. R/W MONUMENT
39+11.32	39+15.29	10259688.70	1450384.64	123.32	TIE LT. 63' PWR. POLE
39+86.60	39+90.64	10259763.35	1450447.32	123.50	12" WATER MAIN, (COVER UNKNOWN)
39+96.78	40+00.83	10259773.53	1450447.36	123.06	8" FORCE MAIN, (COVER UNKNOWN)
40+86.81	40+91.10	10259863.54	1450449.17	112.74	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ARC, ID 1.5 MILS LE, PO# 12075
41+43.89	41+48.38	10259921.25	1450388.02	109.43	TIE LT. 62' PWR. POLE
42+06.51	42+11.21	10259983.23	1450450.75	102.79	P.I. 00°54'58.56" LT.
43+27.54	43+32.45	10260104.27	1450450.93	96.00	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
43+85.05	43+89.97	10260161.44	1450391.82	95.70	TIE LT. 58' PWR. POLE
44+26.77	44+31.71	10260203.49	1450449.19	97.83	O/H PWR. LINE 2W
44+83.96	44+88.97	10260260.68	1450449.32	95.41	4S B/W FENCE
44+87.74	44+92.76	10260264.46	1450449.69	94.33	2 U/G CABLES, (18" AND 36" COV. - 27" AND 9" ABOVE LN. 456)
45+16.36	45+21.43	10260293.08	1450449.05	94.10	C.L. PRIVATE DRIVE (DIRT)
45+17.42	45+22.49	10260293.82	1450394.48	91.94	TIE LT. 54' PWR. POLE
45+24.19	45+29.27	10260300.91	1450448.89	93.21	2 U/G CABLES, (6" COV. - 50" ABOVE LN. 456)
45+37.26	45+42.36	10260313.96	1450445.89	93.30	TEST LEAD 1 (GRADE CALC.)
45+43.44	45+48.55	10260320.16	1450449.72	92.94	4S B/W FENCE
46+11.54	46+16.80	10260387.95	1450395.48	88.61	TIE LT. 53' PWR. POLE
46+23.58	46+28.87	10260400.30	1450447.90	81.92	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 1.2" CONC 190#, ID 1.5 MILS LE, PO# 12075
46+45.00	46+50.41	10260421.74	1450448.21	79.87	P.I. 01°12'11.65" RT.
46+57.53	46+62.97	10260435.22	1450384.57	80.73	TIE LT. 64' END CULVERT
46+73.14	46+78.64	10260450.82	1450384.84	81.85	TIE LT. 64' END CULVERT
47+06.28	47+11.86	10260482.97	1450450.26	82.11	EDGE OF WATER (DAVENPORT CREEK)
47+46.04	47+51.64	10260522.74	1450450.43	82.11	EDGE OF WATER
48+35.87	48+41.68	10260613.39	1450396.68	92.69	TIE LT. 54' PWR. POLE
48+57.42	48+63.33	10260634.11	1450451.44	81.64	P.I. 00°41'31.03" LT.
48+77.47	48+83.47	10260654.16	1450451.61	83.57	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
50+85.59	50+91.79	10260862.44	1450400.98	99.97	TIE LT. 51' PWR. POLE
52+91.61	52+97.85	10261068.46	1450402.13	103.26	TIE LT. 51' PWR. POLE
54+88.80	54+95.10	10261265.64	1450403.96	105.87	TIE LT. 49' PWR. POLE
56+95.55	57+01.88	10261472.39	1450406.42	108.38	TIE LT. 48' PWR. POLE
57+00.59	57+06.92	10261477.52	1450376.90	109.42	TIE LT. 77' C.L. HWY. 545
59+71.98	59+78.34	10261748.67	1450454.93	99.53	P.I. 00°30'28.16" RT.
61+49.74	61+56.13	10261926.99	1450408.75	102.66	TIE LT. 48' PWR. POLE
62+21.27	62+27.67	10261997.94	1450457.92	95.36	P.I. 00°32'43.82" LT.
63+63.22	63+69.64	10262139.89	1450456.79	98.74	C.L. FIELD ROAD
63+75.85	63+82.27	10262152.58	1450432.34	99.10	TIE LT. 26' GUY ANCHOR
63+76.74	63+83.16	10262153.52	1450411.35	100.16	TIE LT. 47' PWR. POLE
63+80.99	63+87.41	10262157.78	1450409.10	100.40	TIE LT. 49' PIPELINE TEST LEAD
66+01.13	66+07.55	10262377.92	1450410.86	99.78	TIE LT. 48' PWR. POLE
68+27.12	68+33.56	10262603.90	1450412.22	100.59	TIE LT. 47' TELE. PEDESTAL
68+29.43	68+35.87	10262606.22	1450411.71	100.50	TIE LT. 48' PWR. POLE
70+54.54	70+60.99	10262831.32	1450412.41	103.08	TIE LT. 48' PWR. POLE
71+59.17	71+65.62	10262935.84	1450460.24	97.15	P.I. 01°00'19.13" RT.
72+78.25	72+84.70	10263055.87	1450413.85	102.32	TIE LT. 49' PWR. POLE
72+84.56	72+91.01	10263061.20	1450462.75	96.95	P.I. 01°02'30.07" RT.
75+06.74	75+13.24	10263285.40	1450414.20	99.16	TIE LT. 57' PWR. POLE
76+60.82	76+67.33	10263437.19	1450477.12	91.96	P.I. 01°17'58.66" RT.
77+30.22	77+36.74	10263510.41	1450416.47	96.10	TIE LT. 65' PWR. POLE
79+54.53	79+61.05	10263735.16	1450416.07	93.63	TIE LT. 79' PWR. POLE
81+51.53	81+58.13	10263927.03	1450506.26	85.33	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ARC, ID 1.5 MILS LE, PO# 12075
81+82.20	81+88.81	10263963.22	1450416.74	92.18	TIE LT. 92' PWR. POLE

GULFSTREAM LINE 456 SURVEY REPORT

AS-BUILT SURVEY BOOK

UTM - 17 North NAD 83 US Feet NAVD 88

HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
82+32.40	82+39.03	10264007.77	1450510.85	82.97	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 1.2" CONC 190#, ID 1.5 MILS LE, PO# 12075
82+32.64	82+39.28	10264013.17	1450426.20	90.01	TIE LT. 86' PARALLEL FENCE
82+70.74	82+77.39	10264051.62	1450421.65	86.50	TIE LT. 93' 4x4 CONC. MONUMENT
82+76.36	82+83.01	10264058.13	1450407.20	88.26	TIE LT. 108' END CULVERT
82+81.26	82+87.91	10264063.06	1450406.86	87.92	TIE LT. 108' END CULVERT
82+94.43	83+01.08	10264069.76	1450513.36	86.73	EDGE OF WATER (CREEK)
83+02.61	83+09.26	10264077.79	1450516.17	87.80	PROPERTY LINE, GINN-LA ORLANDO II, L.L.L.P. (CALC.)
83+06.30	83+12.95	10264081.61	1450514.05	86.73	EDGE OF WATER
83+36.80	83+43.48	10264111.91	1450518.25	82.11	P.I. 01^15'38.20" LT.
83+57.16	83+63.87	10264132.24	1450519.65	83.15	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
83+82.37	83+89.09	10264158.90	1450482.66	91.11	TIE LT. 37' CORNER OF ELEVATED WATER TANK
84+13.43	84+20.17	10264189.97	1450483.21	92.06	TIE LT. 38' CORNER OF ELEVATED WATER TANK
84+18.29	84+25.03	10264197.39	1450417.30	94.67	TIE LT. 104' FPC PWR. POLE (WOOD)
84+35.49	84+42.25	10264214.42	1450422.06	94.05	TIE LT. 100' PIPELINE TEST LEAD
84+38.72	84+45.48	10264218.14	1450409.63	94.79	TIE LT. 113' FLORIDA GAS TRANSMISSION PIPELINE
84+44.04	84+50.82	10264218.77	1450530.16	93.17	TIE RT. 8' 8" WATER MAIN/2" WATER SRVC LN
84+45.25	84+52.04	10264224.70	1450408.91	93.74	TIE LT. 114' 8" WATER MAIN/2" WATER SRVC LN
84+46.49	84+53.28	10264230.77	1450284.66	95.50	TIE LT. 238' WATER VALVE
84+58.59	84+65.37	10264233.61	1450523.14	92.72	O/H PWR. LINE 3W
84+73.65	84+80.45	10264251.26	1450456.75	93.98	TIE LT. 67' BURIED ELECT. CABLE
84+86.91	84+93.72	10264264.68	1450453.01	95.12	TIE LT. 71' FLORIDA GAS TRANSMISSION PIPELINE
84+91.13	84+97.94	10264268.76	1450456.65	94.65	TIE LT. 68' C.L. ROAD (GRAVEL)
85+11.55	85+18.38	10264288.47	1450475.29	94.90	TIE LT. 50' FLORIDA GAS TRANSMISSION PIPELINE
85+28.40	85+35.24	10264303.37	1450525.70	89.54	16"OD x 0.375" WT., API-5L-X65, SHAW, STEEL, 14 MILS FBE, 456-3 BEGIN 38^ INDUCTION BEND, ID 1.5 MILS LE, PO# GS02-00233
85+28.40	85+35.24	10264303.37	1450525.70	89.54	P.I. 01^00'57.70" RT.
85+32.38	85+39.22	10264307.34	1450525.92	89.56	P.I. 07^20'34.56" RT.
85+34.91	85+41.78	10264309.86	1450526.39	89.58	P.I. 25^46'54.16" RT.
85+34.94	85+41.80	10264348.07	1450454.88	96.07	TIE LT. 81' TECO PWR. POLE (WOOD)
85+34.94	85+41.81	10264364.30	1450437.04	96.85	TIE LT. 105' TECO PWR. POLE (WOOD)
85+34.94	85+41.82	10264349.76	1450418.34	97.21	TIE LT. 115' FPC PWR. POLE (WOOD)
85+34.94	85+41.82	10264352.32	1450361.18	97.22	TIE LT. 171' WOOD PWR. POLE
85+37.23	85+44.07	10264311.70	1450527.75	89.64	P.I. 02^01'24.67" RT.
85+39.35	85+46.19	10264309.00	1450534.57	93.68	TIE RT. 7' 8" WATER MAIN/2" WATER SRVC LN
85+40.90	85+47.74	10264314.58	1450530.03	89.70	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 456-3 END 38^ INDUCTION BEND, ID 1.5 MILS LE, PO# 12075
85+40.90	85+47.74	10264314.58	1450530.03	89.70	P.I. 02^56'44.15" RT.
85+43.21	85+50.05	10264324.49	1450522.26	92.77	TIE LT. 12' T.O.P. CONDUIT
85+62.99	85+69.83	10264339.66	1450534.96	92.62	TIE LT. 13' T.O.P. CONDUIT
85+73.34	85+80.18	10264353.82	1450534.55	96.25	TIE LT. 23' FLORIDA GAS TRANSMISSION PIPELINE
85+92.12	85+98.96	10264361.44	1450554.31	92.81	TIE LT. 13' T.O.P. CONDUIT
86+54.06	86+60.91	10264408.22	1450594.91	94.44	TIE LT. 13' T.O.P. CONDUIT
86+54.93	86+61.78	10264415.84	1450587.56	97.94	TIE LT. 24' FLORIDA GAS TRANSMISSION PIPELINE
86+71.92	86+78.78	10264421.73	1450606.59	94.98	TIE LT. 13' T.O.P. CONDUIT
86+96.92	87+03.78	10264427.09	1450638.35	97.85	TIE RT. 7' 8" WATER MAIN/2" WATER SRVC LN
87+11.66	87+18.52	10264451.78	1450632.61	95.62	TIE LT. 14' T.O.P. CONDUIT
87+35.95	87+42.82	10264477.82	1450639.78	99.48	TIE LT. 25' FLORIDA GAS TRANSMISSION PIPELINE
87+51.22	87+58.09	10264481.25	1450658.99	95.93	TIE LT. 13' T.O.P. CONDUIT
87+81.09	87+87.96	10264503.79	1450678.59	96.26	TIE LT. 13' T.O.P. CONDUIT
87+96.92	88+03.79	10264502.21	1450704.35	99.30	TIE RT. 7' 8" WATER MAIN/2" WATER SRVC LN
88+20.71	88+27.59	10264534.14	1450704.08	97.23	TIE LT. 14' T.O.P. CONDUIT
88+24.38	88+31.26	10264545.58	1450696.63	100.70	TIE LT. 27' FLORIDA GAS TRANSMISSION PIPELINE
88+60.39	88+67.27	10264564.21	1450729.97	97.77	TIE LT. 15' T.O.P. CONDUIT
88+99.14	89+06.02	10264602.12	1450745.54	101.74	TIE LT. 28' FLORIDA GAS TRANSMISSION PIPELINE (PI)
89+09.90	89+16.78	10264600.40	1450763.80	98.40	TIE LT. 13' T.O.P. CONDUIT
89+34.18	89+41.06	10264628.18	1450768.97	101.88	TIE LT. 28' FLORIDA GAS TRANSMISSION PIPELINE

GULFSTREAM LINE 456 SURVEY REPORT

AS-BUILT SURVEY BOOK

UTM - 17 North NAD 83 US Feet NAVD 88

HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
89+69.31	89+76.20	10264644.78	1450803.28	99.04	TIE LT. 13' T.O.P. CONDUIT
89+96.92	90+03.81	10264652.46	1450836.36	100.99	TIE RT. 7' 8" WATER MAIN/2" WATER SRVC LN
89+99.52	90+06.41	10264676.52	1450812.94	102.23	TIE LT. 27' FLORIDA GAS TRANSMISSION PIPELINE
89+99.67	90+06.56	10264402.76	1451124.38	95.05	TIE RT. 388' WINDMILL
90+02.85	90+09.74	10264671.66	1450823.52	101.82	TIE LT. 15' BURIED ELECT. CABLE
90+03.24	90+10.13	10264678.93	1450815.84	102.37	TIE LT. 26' FLORIDA GAS PIPELINE
90+03.34	90+10.23	10264680.08	1450814.68	102.38	TIE LT. 28' C.L. ROAD (GRAVEL)
90+18.83	90+25.72	10264682.86	1450834.98	99.09	TIE LT. 14' T.O.P. CONDUIT
90+52.67	90+59.56	10264715.56	1450849.03	102.58	TIE LT. 25' FLORIDA GAS TRANSMISSION PIPELINE
90+71.85	90+78.74	10264724.03	1450868.44	99.88	TIE LT. 16' T.O.P. CONDUIT
90+77.36	90+84.25	10264726.94	1450873.48	98.36	TIE LT. 14' T.O.P. CONDUIT
90+90.89	90+97.78	10264727.53	1450893.30	95.05	16"OD x 0.375" WT., API-5L-X65, SHAW, STEEL, 14 MILS FBE, 456-4 BEGIN 49^ INDUCTION BEND, ID 1.5 MILS LE, PO# GS02-00233
90+90.89	90+97.78	10264727.53	1450893.30	95.05	P.I. 00^19'20.60" LT.
90+93.53	91+00.42	10264725.07	1450900.15	101.44	TIE RT. 7' 8" WATER MAIN/2" WATER SRVC LN
90+94.61	91+01.50	10264730.34	1450895.74	94.94	P.I. 13^10'45.42" RT.
90+94.80	91+01.69	10264740.04	1450888.97	98.09	TIE LT. 12' T.O.P. CONDUIT
90+97.35	91+04.24	10264731.94	1450897.96	94.92	P.I. 24^52'57.96" RT.
91+00.83	91+07.72	10264732.60	1450901.38	94.83	P.I. 10^45'55.13" RT.
91+04.47	91+11.36	10264732.61	1450905.02	94.81	16"OD x 0.375" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 456-4 END 49^ INDUCTION BEND, ID 1.5 MILS LE, PO# 12075
91+04.47	91+11.36	10264732.61	1450905.02	94.81	P.I. 00^53'35.17" RT.
91+05.25	91+12.14	10264776.64	1450906.36	102.12	TIE LT. 44' FLORIDA GAS TRANSMISSION PIPELINE
91+05.28	91+12.17	10264744.77	1450905.98	97.90	TIE LT. 12' T.O.P. CONDUIT
91+21.24	91+28.13	10264747.12	1450921.97	97.68	TIE LT. 15' T.O.P. CONDUIT
91+40.80	91+47.70	10264788.74	1450942.06	102.13	TIE LT. 57' FENCE
91+45.45	91+52.35	10264746.16	1450946.18	98.18	TIE LT. 14' T.O.P. CONDUIT
92+03.04	92+09.95	10264724.84	1451003.50	99.45	TIE RT. 7' 8" WATER MAIN/2" WATER SRVC LN
92+18.11	92+25.02	10264747.59	1451018.86	99.53	TIE LT. 16' BURIED ELECT. CABLE
92+29.87	92+36.79	10264731.00	1451030.41	92.56	P.I. 01^05'25.11" LT.
92+44.86	92+51.79	10264741.49	1451045.33	96.10	TIE LT. 10' T.O.P. 2-CONDUIT
92+46.88	92+53.81	10264754.89	1451047.27	99.52	TIE LT. 24' BURIED ELECT. CABLE
92+49.92	92+56.85	10264788.47	1451050.10	99.63	TIE LT. 57' FENCE CORNER
92+52.12	92+59.05	10264780.36	1451052.35	99.87	TIE LT. 49' EDGE OF CONCRETE PAD
92+53.45	92+60.38	10264791.49	1451053.61	100.03	TIE LT. 60' EDGE OF CONCRETE PAD
92+68.04	92+74.99	10264774.55	1451068.31	100.01	TIE LT. 43' BURIED ELECT. CABLE
92+69.92	92+76.88	10264731.25	1451070.45	98.90	PROPERTY LINE, GULFSTREAM NATURAL GAS SYSTEM, L.L.C., STATION SITE 456 (CALC.), ENTER STATION 456
92+74.52	92+81.48	10264741.37	1451074.99	96.29	TIE LT. 10' T.O.P. 2-CONDUIT
92+76.94	92+83.90	10264724.67	1451077.51	98.78	TIE RT. 7' 8" WATERLINE 8"X8"X6" TEE
92+77.75	92+84.71	10264742.39	1451078.22	96.32	TIE LT. 11' CONDUIT PIL 90^
92+78.51	92+85.47	10264745.31	1451078.96	96.26	TIE LT. 14' T.O.P. 2-CONDUIT
92+79.18	92+86.14	10264615.59	1451080.43	94.08	TIE RT. 116' T.O.P. 3-CONDUIT
92+79.67	92+86.63	10265267.27	1451076.89	94.80	TIE LT. 536' EXISTING TAP
92+79.69	92+86.66	10264679.78	1451080.54	95.56	TIE RT. 52' T.O.P. 3-CONDUIT
92+79.80	92+86.77	10264612.78	1451081.07	93.97	TIE RT. 119' CONDUIT PIR 90^
92+80.41	92+87.38	10264814.59	1451080.43	96.65	TIE LT. 83' T.O.P. 3-CONDUIT
92+80.81	92+87.78	10264679.84	1451081.66	95.69	TIE RT. 51' T.O.P. 3-CONDUIT
92+81.14	92+88.11	10264616.35	1451082.39	94.08	TIE RT. 115' T.O.P. 3-CONDUIT
92+81.19	92+88.16	10264818.55	1451081.19	96.32	TIE LT. 87' T.O.P. 2-CONDUIT
92+81.25	92+88.22	10264819.16	1451081.25	96.31	TIE LT. 88' T.O.P. 2-CONDUIT
92+81.31	92+88.28	10264819.62	1451081.30	96.37	TIE LT. 88' T.O.P. 2-CONDUIT
92+81.75	92+88.72	10264613.81	1451083.01	93.96	TIE RT. 118' CONDUIT PIR 90^
92+81.89	92+88.86	10264820.30	1451081.87	96.30	TIE LT. 89' T.O.P. 2-CONDUIT
92+81.96	92+88.93	10264872.57	1451081.62	97.56	TIE LT. 141' T.O.P. 2-CONDUIT
92+82.18	92+89.15	10264815.57	1451082.19	96.71	TIE LT. 84' T.O.P. 3-CONDUIT
92+82.62	92+89.59	10264942.12	1451081.85	97.44	TIE LT. 211' T.O.P. 2-CONDUIT
92+82.93	92+90.00	10264611.70	1451084.21	93.80	TIE RT. 120' T.O.P. 3-CONDUIT

GULFSTREAM LINE 456 SURVEY REPORT

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UTM - 17 North NAD 83 US Feet NAVD 88

HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
92+82.95	92+90.32	10264816.53	1451082.95	96.82	TIE LT. 85' T.O.P. 3-CONDUIT
92+84.96	92+92.34	10264612.61	1451086.23	93.69	TIE RT. 119' T.O.P. 3-CONDUIT
92+86.74	92+94.12	10264724.66	1451087.31	98.65	TIE RT. 7' 8" WATER VALVE & BLIND FLANGE
92+88.28	92+95.66	10264814.24	1451088.30	98.70	TIE LT. 83' EXISTING 20" PIPE
92+88.57	92+95.95	10264841.26	1451088.42	98.70	TIE LT. 110' EXISTING 20" PIPE
92+94.95	93+02.33	10264612.57	1451096.22	93.69	TIE RT. 119' T.O.P. 3-CONDUIT
92+99.94	93+06.90	10264731.27	1451100.48	94.00	END PIPELINE PIPING - BEGIN FABRICATION PIPING
93+00.91	93+10.67	10264731.44	1451101.48	94.19	P.I. 90°54'37.93" RT.
93+15.07	93+25.55	10264717.46	1451087.78	98.75	TIE RT. 14' 2" WATER VALVE & CAP
93+30.43	93+40.98	10264701.96	1451101.20	95.81	END LINE 456, C.L. INSULATION FLANGE

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HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
1315+40.21	1316+11.43	10257094.76	1455683.90	94.03	C.L. SULLIVAN ROAD (DIRT)
1315+40.63	1316+11.85	10257096.19	1455684.52	88.86	P.I. 00°55'56.91" RT.
1315+53.11	1316+24.33	10257091.94	1455696.50	93.33	EDGE OF ROAD
1315+65.91	1316+37.13	10257089.53	1455709.08	93.38	B/W FENCE (DOWN)
1315+73.54	1316+44.76	10257091.21	1455717.05	93.54	PROPERTY LINE, SHIC, JOHN & FU-MEI (CALC.)
1315+87.93	1316+59.15	10257089.03	1455731.28	89.10	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
1315+87.93	1316+59.15	10257089.03	1455731.28	89.10	P.I. 03°42'40.68" RT.
1316+05.76	1316+76.98	10257037.91	1455738.28	92.46	TIE RT. 48' TELE. PEDESTAL
1316+68.62	1317+39.86	10257071.68	1455810.08	90.39	P.I. 00°11'44.13" RT.
1316+87.58	1317+58.82	10257067.54	1455828.58	90.43	P.I. 00°08'17.11" RT.
1317+14.90	1317+86.14	10257014.54	1455844.60	93.02	TIE RT. 48' FLORIDA GAS PIPELINE
1317+16.07	1317+87.31	10257016.33	1455846.20	93.33	TIE RT. 46' PWR. POLE
1317+18.93	1317+90.17	10257060.62	1455859.16	90.23	P.I. 03°26'14.30" RT.
1317+69.25	1318+40.49	10257046.59	1455907.49	90.16	P.I. 00°29'17.76" LT.
1318+23.36	1318+94.60	10257031.95	1455959.57	89.68	P.I. 03°44'04.99" RT.
1318+50.07	1319+21.32	10257023.06	1455984.77	89.95	P.I. 00°43'12.49" RT.
1318+75.41	1319+46.66	10257014.33	1456008.55	93.99	PROPERTY LINE, FRANKEN, RICHARD, TRUSTEE (CALC.)
1318+83.51	1319+54.76	10257011.54	1456016.15	90.21	P.I. 02°15'26.56" LT.
1319+20.34	1319+91.59	10257000.22	1456051.21	90.18	P.I. 00°03'41.47" RT.
1319+58.10	1320+29.35	10256988.58	1456087.12	90.00	P.I. 03°03'24.21" RT.
1319+60.17	1320+31.42	10256950.08	1456074.55	95.66	TIE RT. 40' R/W MONUMENT
1319+61.15	1320+32.40	10256935.97	1456070.18	92.40	TIE RT. 55' FLORIDA GAS PIPELINE
1319+61.74	1320+32.99	10256941.68	1456073.01	93.33	TIE RT. 49' PWR. POLE
1319+75.51	1320+46.76	10256982.33	1456103.38	94.19	PROPERTY LINE, PATRICIA D. & RICHARD L. BENTON (CALC.)
1320+01.21	1320+72.46	10256973.12	1456127.36	90.13	P.I. 00°01'53.60" LT.
1320+75.51	1321+46.76	10256946.51	1456196.74	93.79	PROPERTY LINE, PIZZARO, ELENA (CALC.)
1321+75.51	1322+46.76	10256910.70	1456290.11	93.41	PROPERTY LINE, HERNANDEZ, CARLOS, TRUSTEE & HERNANDEZ, JUANA, TRUSTEE (CALC.)
1322+13.60	1322+84.85	10256849.40	1456307.39	92.35	TIE RT. 51' TELE. PEDESTAL
1322+68.82	1323+40.07	10256831.22	1456359.56	91.10	TIE RT. 49' TELE. PEDESTAL
1322+75.51	1323+46.76	10256874.89	1456383.48	92.89	PROPERTY LINE, KAC, ESTER SYTERNBLITZ, TRUSTEE (CALC.)
1323+62.26	1324+33.51	10256798.39	1456447.04	92.78	TIE RT. 49' PWR. POLE
1323+70.98	1324+42.23	10256790.09	1456453.20	92.17	TIE RT. 54' FLORIDA GAS PIPELINE
1323+75.51	1324+46.76	10256839.08	1456476.85	92.35	PROPERTY LINE, KAC, ESTER SYTERNBLITZ, TRUSTEE (CALC.)
1324+75.51	1325+46.76	10256803.27	1456570.21	92.65	PROPERTY LINE, KAC, ESTER SYTERNBLITZ, TRUSTEE (CALC.)
1324+84.75	1325+56.00	10256799.96	1456578.84	0.00	BEGIN KARST AREA-NO SURV. (450-NS-01)
1325+35.51	1326+06.78	10256781.61	1456626.17	88.12	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 1.95" CONC 190#, ID 1.5 MILS LE, PO# 12075
1325+57.51	1326+28.80	10256724.66	1456627.88	90.81	TIE RT. 53' TELE. PEDESTAL
1325+75.51	1326+46.82	10256767.46	1456663.58	89.26	PROPERTY LINE, KAC, ESTER SYTERNBLITZ, TRUSTEE (CALC.)
1326+75.51	1327+46.95	10256731.65	1456756.95	87.01	PROPERTY LINE, KAC, ESTER SYTERNBLITZ, TRUSTEE (CALC.)
1327+12.53	1327+83.99	10256672.57	1456773.94	88.80	TIE RT. 49' PWR. POLE
1327+75.52	1328+46.99	10256695.83	1456850.32	86.85	PROPERTY LINE, CARDONA, JIMMY & GONZALEZ ALMA J. (CALC.)
1328+75.52	1329+46.99	10256660.02	1456943.69	86.28	PROPERTY LINE, PEREZ, CARLOS LOPEZ, ET AL (CALC.)
1329+75.51	1330+46.98	10256624.21	1457037.05	87.35	PROPERTY LINE, PEREZ, CARLOS LOPEZ, ET AL (CALC.)
1330+39.55	1331+11.04	10256601.28	1457096.85	81.38	P.I. 02°05'41.33" LT.
1330+58.91	1331+30.41	10256549.19	1457099.48	89.26	TIE RT. 48' PWR. POLE
1330+75.30	1331+46.81	10256589.71	1457130.67	87.40	PROPERTY LINE, PEREZ, CARLOS LOPEZ, ET AL (CALC.)
1330+84.53	1331+56.00	10256586.74	1457139.34	0.00	END KARST AREA-NO SURV. (450-NS-01)
1331+73.79	1332+45.34	10256557.82	1457223.85	88.33	PROPERTY LINE, ANGULO-GALVIS, CARLOS (CALC.)
1332+45.36	1333+16.93	10256534.98	1457291.68	86.94	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
1332+72.31	1333+43.88	10256525.93	1457317.06	90.37	PROPERTY LINE, ANGULO-GALVIS, CARLOS & DEURENA HELENA GAMBOA (CALC.)
1332+77.80	1333+49.38	10256524.15	1457322.26	87.74	P.I. 03°23'06.35" LT.
1333+20.71	1333+92.29	10256458.45	1457348.57	90.32	TIE RT. 56' PIPELINE MARKER
1333+23.78	1333+95.36	10256511.86	1457366.57	88.12	P.I. 00°12'47.78" RT.

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HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
1333+70.86	1334+42.44	10256499.08	1457411.89	91.95	PROPERTY LINE, BALDWIN, DEAN , ET AL (CALC.)
1333+71.55	1334+43.13	10256498.92	1457412.55	88.65	P.I. 01^52'32.16" LT.
1333+86.55	1334+58.13	10256495.33	1457427.12	88.81	P.I. 00^13'18.65" LT.
1333+94.66	1334+66.24	10256493.42	1457435.00	88.88	P.I. 00^45'40.21" LT.
1333+99.15	1334+70.73	10256445.66	1457428.70	91.49	TIE RT. 48' PWR. POLE
1334+00.00	1334+71.58	10256437.34	1457427.68	91.05	TIE RT. 56' FLORIDA GAS PIPELINE
1334+63.41	1335+34.99	10256478.12	1457502.03	89.27	P.I. 02^11'15.50" RT.
1334+69.42	1335+41.00	10256476.56	1457507.83	91.55	PROPERTY LINE, BALDWIN, DEAN , ET AL (CALC.)
1334+80.55	1335+52.14	10256473.67	1457518.58	89.04	P.I. 05^14'34.13" LT.
1335+45.39	1336+16.98	10256462.63	1457582.47	89.11	P.I. 00^15'59.31" LT.
1335+67.33	1336+38.92	10256417.60	1457597.15	91.76	TIE RT. 42' 1/4" REBAR
1335+67.99	1336+39.58	10256458.89	1457604.76	92.12	PROPERTY LINE, CHU, MU CHING & SHIU-LIN, TSENG (CALC.)
1336+13.39	1336+84.98	10256395.19	1457640.09	91.82	TIE RT. 57' PIPELINE MARKER
1336+87.23	1337+58.82	10256439.13	1457722.35	89.22	P.I. 00^12'59.94" LT.
1337+37.49	1338+09.08	10256430.99	1457771.94	89.30	P.I. 05^58'47.94" LT.
1337+39.19	1338+10.78	10256384.97	1457770.96	92.07	TIE RT. 46' PWR. POLE
1337+65.12	1338+36.71	10256429.35	1457799.53	92.19	PROPERTY LINE, BARRETO, ADOLFO & BARRETO, MARIA A. (CALC.)
1337+68.03	1338+39.62	10256429.21	1457802.44	89.41	P.I. 00^30'37.52" LT.
1338+63.65	1339+35.24	10256424.49	1457897.94	92.36	PROPERTY LINE, LAREDO, JOE BENSADON (CALC.)
1339+62.03	1340+33.62	10256419.63	1457996.20	88.20	PROPERTY LINE, LAREDO, SAM BENSADON (CALC.)
1340+60.51	1341+32.10	10256414.77	1458094.56	91.58	PROPERTY LINE, GARCIA, OLGA DIAZ (CALC.)
1340+69.15	1341+40.74	10256373.20	1458101.15	93.12	TIE RT. 41' R/W MONUMENT
1340+82.44	1341+54.03	10256364.97	1458114.05	90.95	TIE RT. 49' PWR. POLE
1340+89.39	1341+60.98	10256359.55	1458120.74	90.48	TIE RT. 54' FLORIDA GAS PIPELINE
1340+90.07	1341+61.66	10256413.31	1458124.08	88.74	P.I. 00^17'14.69" LT.
1341+19.37	1341+90.96	10256412.01	1458153.36	88.60	P.I. 02^48'05.87" LT.
1341+60.48	1342+32.07	10256412.20	1458194.46	90.54	PROPERTY LINE, GARCIA, OLGA DIAZ (CALC.)
1341+71.02	1342+42.61	10256354.31	1458205.27	86.05	TIE RT.58' PIPELINE MARKER
1342+54.73	1343+26.33	10256305.93	1458289.19	89.74	TIE RT. 107' C.L. CO. HWY 532
1342+60.83	1343+32.43	10256412.65	1458294.81	90.05	PROPERTY LINE, JUAN CARLOS, ET AL (CALC.)
1343+04.24	1343+75.85	10256413.46	1458338.22	89.37	4S B/W FENCE (DOWN)
1343+17.56	1343+89.18	10256413.46	1458351.54	88.83	O/H PWR. LINE 2W
1343+18.14	1343+89.76	10256365.91	1458352.33	88.22	TIE RT. 47' PWR. POLE
1343+18.68	1343+90.30	10256365.81	1458352.87	88.30	TIE RT. 47' TELE. PEDESTAL
1343+55.56	1344+27.19	10256413.53	1458389.54	84.65	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 1.95" CONC 190#, ID 1.5 MILS LE, PO# 12075
1343+96.37	1344+68.00	10256415.05	1458430.34	0.00	DC DECOUPLER, BEGIN DUAL ZINC RIBBON
1344+05.71	1344+77.34	10256413.92	1458439.68	87.64	TEST LEAD 1 (GRADE CALC.)
1344+61.16	1345+32.79	10256413.86	1458495.14	86.08	3S B/W FENCE
1345+79.72	1346+51.36	10256366.97	1458613.91	86.41	TIE RT. 47' PWR. POLE
1348+53.89	1349+25.55	10256376.14	1458888.04	84.50	TIE RT. 39' 1/2" REBAR
1348+54.92	1349+26.58	10256415.34	1458888.90	84.28	PROPERTY LINE, DYKGRAAF, MARTHA L., ET AL (CALC.)
1350+78.83	1351+50.51	10256370.06	1459113.01	84.34	TIE RT. 46' PWR. POLE
1351+92.31	1352+64.00	10256416.86	1459226.28	79.13	P.I. 00^37'03.34" LT.
1353+93.00	1354+64.72	10256420.89	1459426.94	79.72	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
1354+54.32	1355+26.04	10256421.74	1459488.24	79.39	24"OD x 0.547" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ARC, ID 1.5 MILS LE, PO# 12075
1354+64.20	1355+35.92	10256421.04	1459498.14	0.00	DC DECOUPLER, END DUAL ZINC RIBBON
1354+72.58	1355+44.30	10256422.09	1459506.50	85.92	PRIVATE U/G ELECT. LINE, (4" COV. - 70" ABOVE LN. 450)
1354+88.55	1355+60.28	10256422.21	1459522.48	87.73	8' BRICK RETAINING WALL
1354+98.99	1355+70.72	10256422.43	1459532.91	87.70	EDGE OF ROAD
1355+11.39	1355+83.12	10256422.43	1459545.31	87.81	C.L. 21 PALMS RV ROAD
1355+22.41	1355+94.14	10256422.62	1459556.33	88.05	EDGE OF ROAD
1355+25.49	1355+97.22	10256422.57	1459559.41	88.05	SPRINT U/G FIBER OPTIC TELE. CABLE, (34" COV. - 59" ABOVE LN. 450)
1355+31.14	1356+02.87	10256422.69	1459565.06	87.91	8' BRICK RETAINING WALL
1355+40.87	1356+12.60	10256422.85	1459574.79	86.83	6' CHAIN LINK FENCE
1355+44.39	1356+16.12	10256422.69	1459578.31	86.42	PRESSURE TANK

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1355+50.65	1356+22.43	10256460.00	1459584.00	0.00	B.M. - R.R. SPIKE NW SIDE 10" PINE TREE 38' LT. 450-06
1355+51.83	1356+23.56	10256423.05	1459585.75	86.22	6' CHAIN LINK FENCE
1355+62.89	1356+34.62	10256422.91	1459596.81	82.87	O/H PWR. LINE 1W
1355+64.92	1356+36.65	10256422.89	1459598.85	82.87	PRIVATE U/G ELECT. LINE, (COVER UNKNOWN)
1355+73.35	1356+45.08	10256423.03	1459607.27	82.93	O/H PWR. LINE 3W
1355+73.67	1356+45.40	10256373.25	1459608.35	87.17	TIE RT. 49' PWR. POLE
1355+74.15	1356+46.01	10256441.64	1459607.79	86.80	TIE LT. 19' PWR. POLE
1355+74.77	1356+46.69	10256455.40	1459608.20	86.85	TIE LT. 33' GUY ANCHOR
1355+78.51	1356+50.48	10256381.34	1459613.07	87.47	TIE RT. 41' END RETAINING WALL
1355+80.65	1356+52.62	10256423.12	1459614.57	87.90	4S B/W FENCE
1355+81.32	1356+53.29	10256422.81	1459615.24	87.90	PROPERTY LINE, ROK, MASZA (CALC.)
1355+84.75	1356+56.75	10256447.16	1459618.31	87.13	TIE LT. 24' GUY ANCHOR
1355+97.57	1356+69.58	10256423.06	1459631.49	80.87	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
1355+97.57	1356+69.58	10256423.06	1459631.49	80.87	P.I. 01^10'05.72" LT.
1356+14.30	1356+86.31	10256423.41	1459648.22	87.25	4S B/W FENCE
1356+19.43	1356+91.45	10256423.84	1459653.34	81.47	P.I. 12^13'02.70" LT.
1356+30.38	1357+02.41	10256387.00	1459674.00	0.00	B.M. - R.R. SPIKE NW SIDE 12" PINE TREE 41' LT. 450-04
1356+59.20	1357+31.25	10256433.64	1459691.89	83.17	P.I. 12^36'07.98" LT.
1356+76.38	1357+48.45	10256441.10	1459707.36	0.00	DC DECOUPLER, BEGIN DUAL ZINC RIBBON
1356+79.14	1357+51.21	10256442.65	1459709.68	84.00	P.I. 00^13'44.44" RT.
1356+90.79	1357+62.88	10256447.87	1459720.09	84.48	P.I. 09^35'21.87" LT.
1356+98.98	1357+71.21	10256452.71	1459726.69	84.54	P.I. 00^30'57.12" RT.
1357+10.25	1357+82.48	10256364.40	1459821.07	84.81	P.I. 06^35'42.27" LT.
1357+10.25	1357+82.48	10256364.40	1459821.07	87.36	TIE RT. 128' FLORIDA GAS PIPELINE
1357+29.27	1358+01.50	10256472.09	1459749.91	84.67	P.I. 02^25'15.83" LT.
1357+39.14	1358+11.37	10256479.04	1459756.93	84.59	P.I. 06^59'38.45" LT.
1357+51.07	1358+23.31	10256488.40	1459764.31	84.32	P.I. 04^12'51.36" LT.
1357+86.44	1358+58.68	10256517.70	1459784.13	87.49	PROPERTY LINE, KUPPER, JACK & KUPPER, DIANA (CALC.)
1357+86.52	1358+58.76	10256517.77	1459784.18	83.62	P.I. 01^52'29.58" LT.
1357+97.61	1358+69.85	10256527.15	1459790.08	83.61	P.I. 03^10'00.03" LT.
1358+05.69	1358+77.93	10256534.22	1459794.00	83.58	P.I. 02^16'05.49" LT.
1360+04.33	1360+76.57	10256711.59	1459883.43	87.49	PROPERTY LINE, ROSENFELD, MARIO & ROSENFELD, SELMA (CALC.)
1360+54.49	1361+26.74	10256756.38	1459906.01	83.63	P.I. 01^03'31.94" RT.
1361+89.75	1362+62.00	10256876.01	1459969.13	0.00	BEGIN KARST AREA-TYPE 1 (450-06)
1361+93.85	1362+66.10	10256879.64	1459971.04	87.18	PROPERTY LINE, FLOM, PAUL, TRUSTEE (CALC.)
1362+23.53	1362+95.78	10256905.89	1459984.89	83.65	P.I. 02^17'15.47" RT.
1362+32.10	1363+04.35	10256913.30	1459989.19	83.62	P.I. 06^27'13.68" RT.
1362+58.22	1363+30.49	10256919.27	1460025.00	0.00	TIE RT. 25' KARST MONUMENT LOCATION 450-06
1362+68.66	1363+40.91	10256942.67	1460010.97	83.37	P.I. 08^13'47.60" RT.
1362+79.32	1363+51.57	10256950.23	1460018.47	83.38	P.I. 03^12'05.49" RT.
1363+69.56	1364+41.81	10257010.63	1460085.53	83.59	P.I. 01^24'20.29" RT.
1363+80.52	1364+52.77	10257017.76	1460093.84	83.54	P.I. 06^23'16.11" RT.
1363+95.20	1364+67.45	10257026.02	1460105.99	83.54	P.I. 04^29'07.30" RT.
1364+03.75	1364+76.00	10257030.26	1460113.41	0.00	END KARST AREA-TYPE 1 (450-06)
1364+66.75	1365+39.00	10257061.50	1460168.12	0.00	BEGIN KARST AREA-TYPE 2 (450-05)
1365+26.75	1365+99.00	10257091.26	1460220.22	0.00	END KARST AREA-TYPE 2 (450-05)
1366+40.37	1367+12.63	10257147.61	1460318.88	87.33	PROPERTY LINE, GARCIA, LUIS ALBERTO ZUNIGA (CALC.)
1366+59.28	1367+31.54	10257156.99	1460335.30	84.43	P.I. 00^38'43.15" LT.
1366+71.23	1367+43.49	10257163.03	1460345.60	84.40	P.I. 05^45'42.05" RT.
1366+86.75	1367+59.00	10257169.49	1460359.71	0.00	BEGIN KARST AREA-TYPE 1 (450-04)
1367+02.32	1367+74.58	10257175.98	1460373.87	84.04	P.I. 00^24'45.93" RT.
1367+36.41	1368+08.76	10257285.75	1460361.91	86.14	TIE LT. 105' GUY ANCHOR
1367+62.62	1368+35.02	10257201.41	1460428.56	86.92	16" CENTRAL FLORIDA PIPELINE, (31" COV. - 37" ABOVE LN. 450)
1368+11.56	1368+84.05	10257221.50	1460473.18	86.88	O/H PWR. LINE 5W
1368+12.87	1368+85.36	10257365.89	1460409.72	89.09	TIE LT. 159' PWR. POLE
1368+46.01	1369+18.53	10257234.89	1460504.93	83.81	P.I. 00^51'47.54" RT.
1368+58.61	1369+31.13	10257217.72	1460526.06	0.00	TIE RT. 24' KARST MONUMENT LOCATION 450-04

GULFSTREAM LINE 450 SURVEY REPORT

AS-BUILT SURVEY BOOK

UTM - 17 North NAD 83 US Feet NAVD 88

HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
1369+52.48	1370+25.00	10257277.07	1460602.69	0.00	END KARST AREA-TYPE 1 (450-04)
1369+99.92	1370+72.44	10257295.87	1460646.25	83.77	P.I. 03^12'20.59" RT.
1370+10.58	1370+83.10	10257299.54	1460656.26	83.87	P.I. 02^46'43.28" RT.
1370+19.53	1370+92.05	10257302.21	1460664.80	83.94	P.I. 05^32'53.59" RT.
1370+23.17	1370+95.69	10257303.30	1460668.29	87.81	PROPERTY LINE, DIAMONDBACK LAND COMPANY (CALC.)
1370+46.80	1371+19.32	10257307.79	1460691.49	84.27	P.I. 06^23'50.14" RT.
1370+58.26	1371+30.78	10257308.87	1460702.90	84.50	P.I. 04^49'38.09" RT.
1372+07.59	1372+80.12	10257310.39	1460852.22	83.58	P.I. 00^55'38.57" RT.
1373+00.93	1373+73.46	10257309.83	1460945.56	87.89	PROPERTY LINE, CARLOME CORP. C/O ALEXENA REALTY CO. (CALC.)
1373+13.53	1373+86.06	10257266.02	1460957.90	87.93	TIE RT. 44' 4" WELL (PVC)
1373+80.59	1374+53.13	10257309.35	1461025.22	87.61	PROPERTY LINE, FLOM, MICHEL & LAURE, TRUSTEE (CALC.)
1374+32.02	1375+04.56	10257308.64	1461076.64	87.42	4S B/W FENCE (DOWN)
1374+62.04	1375+34.58	10257356.46	1461106.95	85.83	TIE LT. 48' PWR. POLE
1374+97.30	1375+69.84	10257307.95	1461141.93	0.00	DC DECOUPLER
1375+57.18	1376+29.72	10257308.29	1461201.81	83.11	P.I. 00^19'41.62" RT.
1377+31.28	1378+03.82	10257306.25	1461375.89	86.41	PROPERTY LINE, FLOM, PAUL, TRUSTEE (CALC.)
1378+95.20	1379+67.74	10257358.67	1461540.44	85.40	TIE LT. 54' C.L. DIRT ROAD
1379+59.45	1380+32.00	10257303.57	1461604.05	0.00	BEGIN KARST AREA-TYPE 2 (450-02)
1380+81.17	1381+53.72	10257302.14	1461725.76	83.15	PROPERTY LINE, PENINSULAR DEVELOPMENT CORPORATION (CALC.)
1381+14.45	1381+87.00	10257301.75	1461759.04	0.00	END KARST AREA-TYPE 2 (450-02)
1381+84.05	1382+56.61	10257347.91	1461829.18	82.77	TIE LT. 47' PWR. POLE
1383+25.80	1383+98.36	10257299.27	1461970.38	78.96	P.I. 00^03'05.34" RT.
1383+93.65	1384+66.21	10257298.26	1462038.21	78.08	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 1.95" CONC 190#, ID 1.5 MILS LE, PO# 12075
1384+34.42	1385+07.00	10257297.90	1462078.99	0.00	BEGIN KARST AREA-TYPE 2 (450-01)
1384+61.31	1385+33.89	10257297.56	1462105.88	79.76	PROPERTY LINE, FLOM, LAURE & MICHEL, TRUSTEE (CALC.)
1386+84.41	1387+57.00	10257294.74	1462328.95	0.00	END KARST AREA-TYPE 2 (450-01)
1386+85.95	1387+58.54	10257294.72	1462330.49	77.01	24"OD x 0.456" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
1386+85.95	1387+58.54	10257294.72	1462330.49	77.01	P.I. 00^26'23.85" RT.
1388+16.53	1388+89.12	10257292.30	1462461.05	81.73	4S B/W FENCE
1388+39.85	1389+12.44	10257291.89	1462484.37	81.65	C.L. DIRT ROAD
1388+48.94	1389+21.53	10257291.41	1462493.45	81.65	PROPERTY LINE, VALDES, ELIZABETH (CALC.)
1389+10.78	1389+83.38	10257340.41	1462556.30	80.00	TIE LT. 50' PWR. POLE
1391+79.76	1392+52.37	10257284.69	1462824.20	73.83	P.I. 00^20'24.92" LT.
1393+16.97	1393+89.58	10257283.11	1462961.41	72.96	24"OD x 0.547" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
1394+23.47	1394+96.10	10257281.19	1463067.89	76.39	PROPERTY LINE, WESTMONT BLVD. (CALC.)
1394+55.31	1395+27.94	10257282.46	1463099.75	0.00	DC DECOUPLER, END DUAL ZINC RIBBON
1394+85.64	1395+58.31	10257280.29	1463130.05	75.73	PROPERTY LINE, FLORIDA POWER CORPORATION (CALC.)
1395+01.17	1395+73.84	10257280.07	1463145.58	70.44	P.I. 00^25'50.05" LT.
1395+81.95	1396+54.66	10257279.87	1463226.36	75.89	6' CYCLONE FENCE
1395+87.69	1396+60.41	10257240.83	1463231.83	75.60	TIE RT. 39' GUY ANCHOR
1395+90.41	1396+63.14	10257209.70	1463234.34	76.02	TIE RT. 70' GUY ANCHOR
1395+99.56	1396+72.36	10257279.63	1463243.97	75.52	FLORIDA U/G ELECT. LINES, (25" COV. - 36" ABOVE LN. 450)
1396+04.97	1396+77.77	10257279.88	1463249.38	75.39	18" STORM DRAIN, (23" COV. - 44" ABOVE LN. 450)
1396+05.90	1396+79.07	10257203.01	1463249.78	73.40	TIE RT. 76' CATCH BASIN
1396+08.24	1396+81.43	10257239.17	1463252.37	73.41	TIE RT. 40' PWR. POLE
1396+12.99	1396+86.20	10257279.58	1463257.40	75.34	UNKNOWN U/G FOREIGN UTILITY, (COVER UNKNOWN)
1396+13.84	1396+87.27	10257210.84	1463257.78	73.81	TIE RT. 68' PWR. POLE
1396+63.23	1397+36.67	10257279.74	1463307.64	69.61	24"OD x 0.547" WT., API-5L-X65, SHAW, STEEL, 14 MILS FBE, 450-10 BEGIN 63^ INDUCTION BEND, ID 1.5 MILS LE, PO# GS01-00012
1396+71.74	1397+45.18	10257287.54	1463331.73	69.59	P.I. 61^11'52.70" RT.
1396+71.74	1397+45.18	10257287.54	1463331.73	74.32	TIE LT. 18' C.L. ROAD
1396+82.02	1397+55.46	10257270.80	1463322.78	69.58	24"OD x 0.547" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, 450-10 END 63^ INDUCTION BEND, ID 1.5 MILS LE, PO# 12075
1397+12.40	1397+85.84	10257243.79	1463336.69	74.03	UNKNOWN U/G FOREIGN UTILITY, (COVER UNKNOWN)
1397+20.40	1397+93.84	10257232.66	1463332.94	74.03	O/H PWR. LINE 1W

GULFSTREAM LINE 450 SURVEY REPORT

AS-BUILT SURVEY BOOK

UTM - 17 North NAD 83 US Feet NAVD 88

HORIZONTAL STATION	CONTOUR STATION	NORTHING	EASTING	ELEV	REMARKS
1397+36.58	1398+10.02	10257237.25	1463375.42	74.56	TIE LT. 32' CORNER OF STEEL BLDG.
1397+40.65	1398+14.10	10257214.53	1463341.97	73.98	O/H PWR. LINE 5W
1397+54.20	1398+27.65	10257202.35	1463347.94	74.04	C.L. 16" DRAIN (CONC.)
1397+71.44	1398+44.89	10257191.63	1463364.35	74.46	8" WATER LINE, (36" COV. - 18" ABOVE LN. 450)
1397+89.55	1398+63.00	10257206.46	1463429.84	73.56	TIE LT. 66' FIRE HYDRANT
1397+89.64	1398+63.09	10257201.31	1463420.52	73.57	TIE LT. 55' CATCH BASIN
1397+96.13	1398+69.58	10257169.49	1463375.33	69.54	P.I. 07^08'14.71" RT.
1398+01.68	1398+75.15	10257199.32	1463467.25	74.28	TIE LT. 96' GUY ANCHOR
1398+98.75	1399+72.27	10257074.27	1463413.60	70.57	24"OD x 0.547" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ARC, ID 1.5 MILS LE, PO# 12075
1399+26.31	1399+99.83	10257044.22	1463412.38	75.78	8" WATER LINE (STEEL), (44" COV. - 12" ABOVE LN. 450)
1399+53.26	1400+26.78	10257027.65	1463444.11	74.72	TIE LT. 13' C.L. ROAD
1399+80.35	1400+53.87	10256998.03	1463442.70	70.78	24"OD x 0.547" WT., API-5L-X65, STUPP, STEEL, 14 MILS FBE, ID 1.5 MILS LE, PO# 12075
1400+17.74	1400+91.30	10256949.12	1463420.13	75.88	TIE RT. 38' FIRE HYDRANT
1400+25.77	1400+99.34	10256955.50	1463458.63	70.72	P.I. 07^58'46.69" RT.
1400+27.68	1401+01.25	10256950.99	1463447.88	75.50	8" WATER LINE (STEEL), (COVER UNKNOWN)
1400+95.48	1401+69.05	10256887.65	1463474.66	70.74	P.I. 00^29'57.25" RT.
1400+97.06	1401+70.66	10256886.22	1463475.49	75.56	TEST LEAD 1 (GRADE CALC.)
1400+97.17	1401+70.77	10256886.00	1463475.04	75.77	PROPERTY LINE, GULFSTREAM NATURAL GAS SYSTEM, L.L.C., STATION SITE 450 (CALC.), ENTER STATION SITE 450
1400+97.76	1401+71.37	10256883.08	1463464.81	70.89	END PIPELINE PIPING - BEGIN FABRICATION PIPING
1401+99.73	1402+74.92	10256785.99	1463497.75	80.18	END LINE 450, WELD AT RECEIVER DOOR

MATCH LINE - SEE PLAN SHEET 2



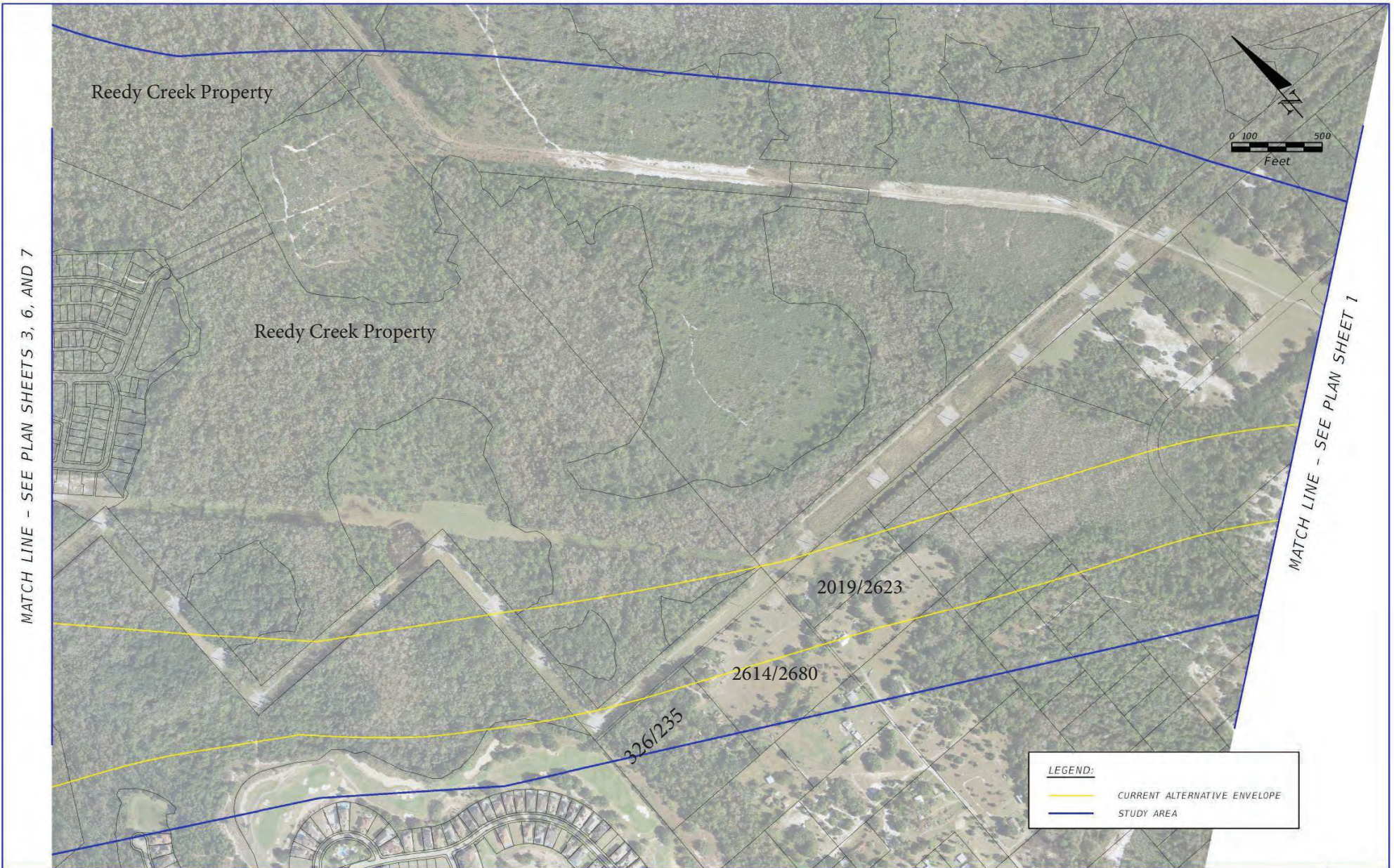
LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

PLAN SHEET (1)	SHEET NO.
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MATCH LINE - SEE PLAN SHEETS 3, 6, AND 7

MATCH LINE - SEE PLAN SHEET 1

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

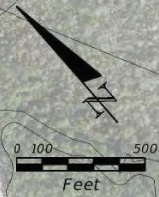
PLAN SHEET (2)

SHEET NO.

MATCH LINE - SEE PLAN SHEET 7

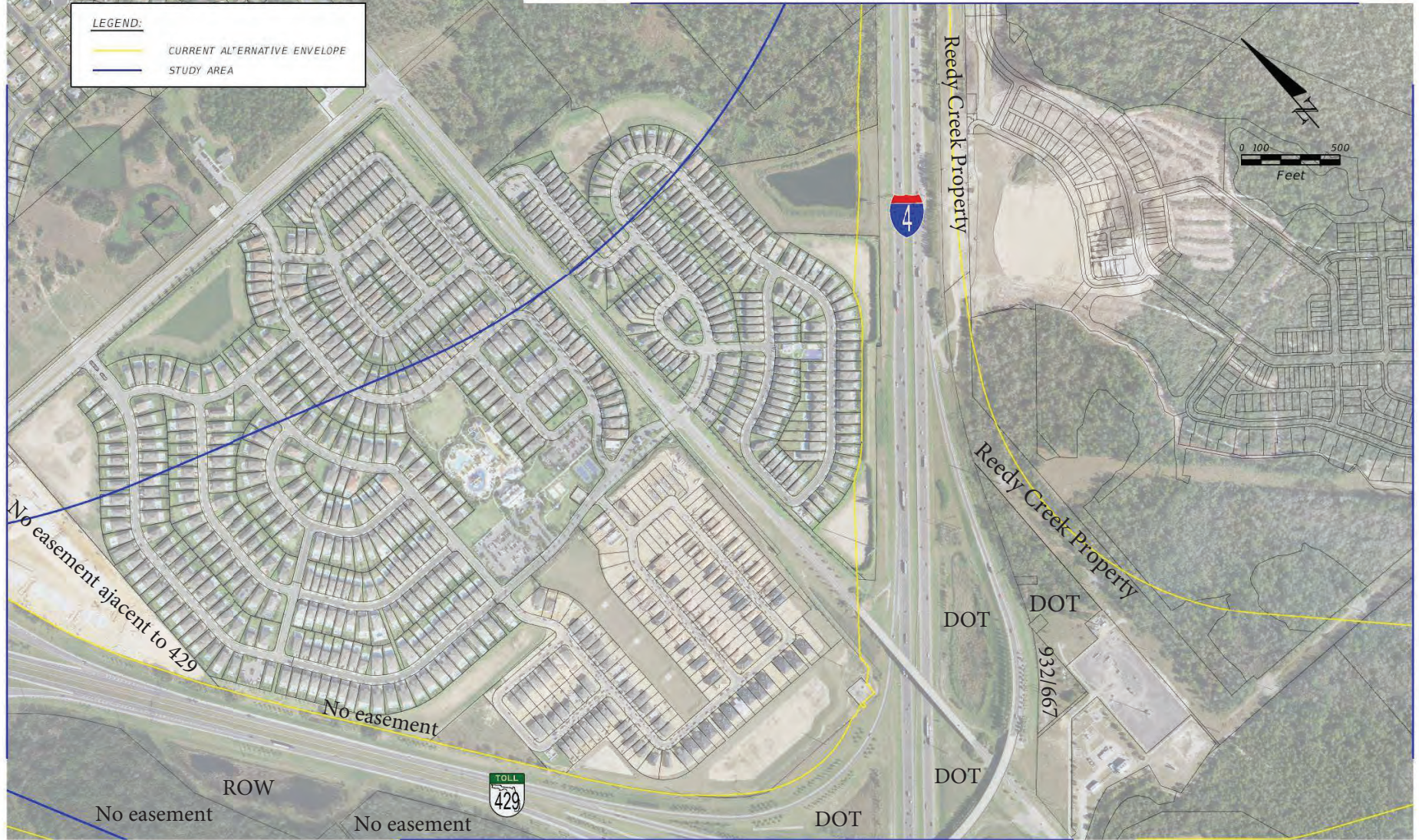
LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA



MATCH LINE - SEE PLAN SHEET 4

MATCH LINE - SEE PLAN SHEET 2



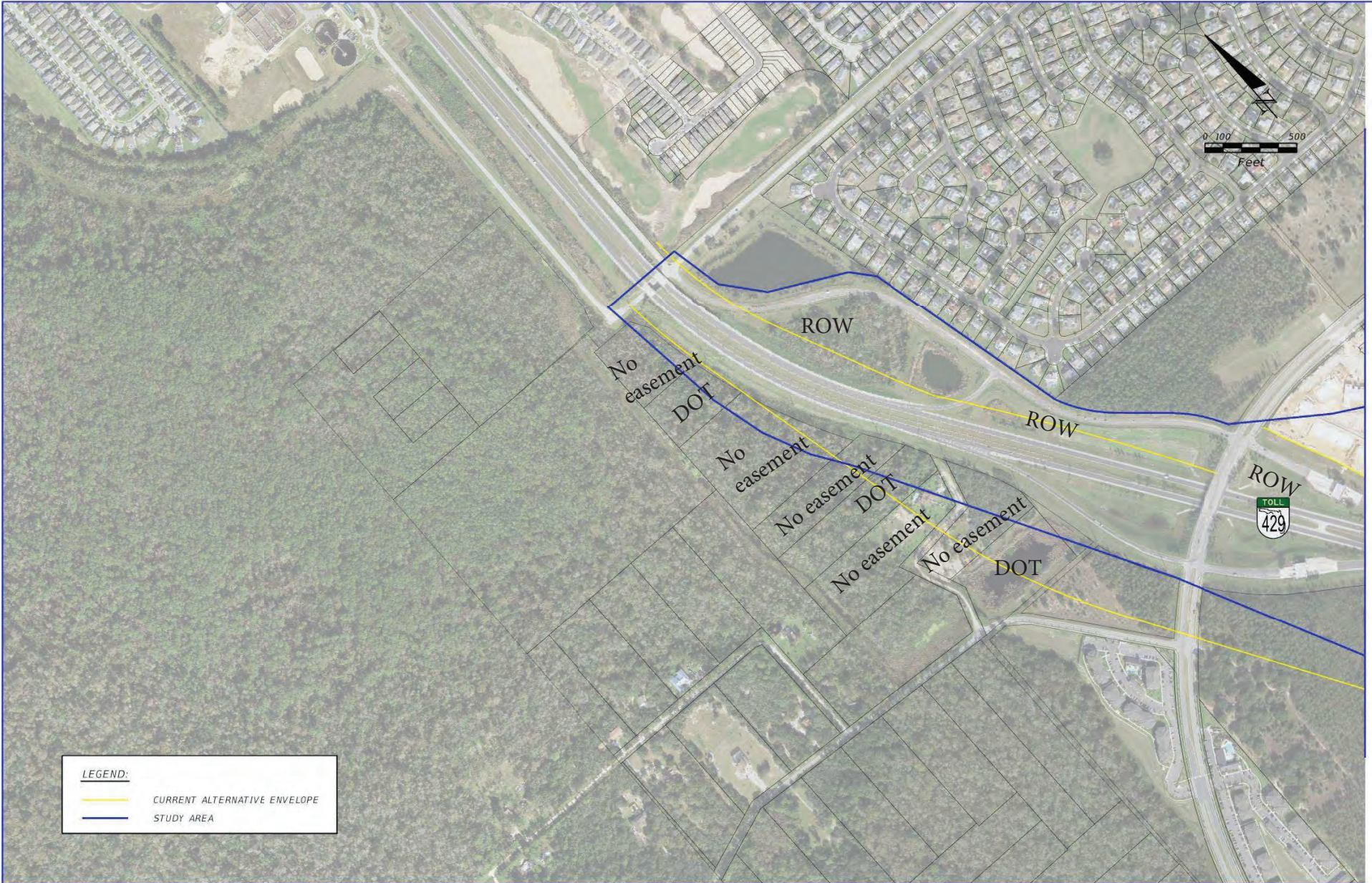
MATCH LINE - SEE PLAN SHEET 6

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

PLAN SHEET (3)

SHEET NO.



LEGEND:

	CURRENT ALTERNATIVE ENVELOPE
	STUDY AREA

MATCH LINE - SEE PLAN SHEETS 3 AND 6

		REVISIONS		CENTRAL FLORIDA EXPRESSWAY AUTHORITY			PLAN SHEET (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



MATCH LINE - SEE PLAN SHEET 6

LEGEND:	
—	CURRENT ALTERNATIVE ENVELOPE
—	STUDY AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

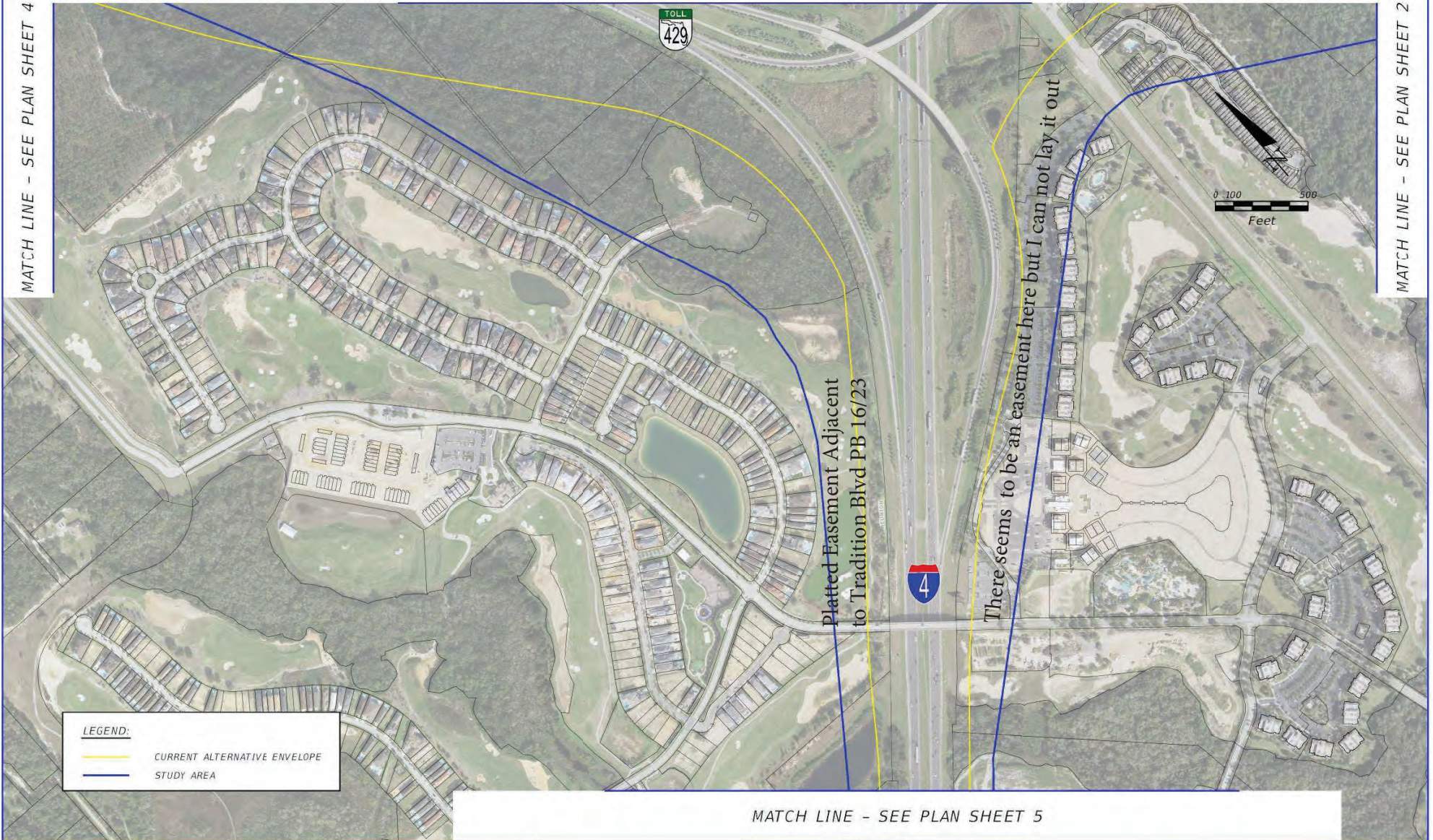
PLAN SHEET (5)

SHEET NO.

MATCH LINE - SEE PLAN SHEET 3

MATCH LINE - SEE PLAN SHEET 4

MATCH LINE - SEE PLAN SHEET 2



LEGEND:			
		CURRENT ALTERNATIVE ENVELOPE	
		STUDY AREA	

MATCH LINE - SEE PLAN SHEET 5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

PLAN SHEET (6)

SHEET NO.

MATCH LINE - SEE PLAN SHEETS 2 AND 3



No easement found on this property Reedy Creek Property

No easement found on these properties
Reedy Creek & Celebration properties

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

PLAN SHEET (7)

SHEET NO.

DUKE ENERGY
 DISTRIBUTION MARKUPS BY
 MARK MANNER DUKE
 ENERGY ENGINEER
 9-10-21



12.47 KV 3 PH OE
 AND BE SERVE
 LARGE CUST HERE

7.2 KV 1 PH OE

12.47 KV 3 PH OE
 MAIN LINE HERE

THIS AREA SOUTH OF CR
 532 ALREADY UNDER
 DESIGN ON PREVIOUS
 POINCIANA PKWY EXT
 PHASE-THERE IS 7.2 KV 1 PH
 OE IN WAY-BLKT ESMNTS

7.2 KV 1 PH OE AND
 7.2 KV BE HERE-

7.2 KV 1 PH OE

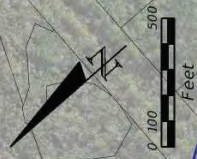
LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

MATCH LINE - SEE PLAN SHEET 2

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. COUNTY FINANCIAL PROJECT ID	PLAN SHEET (1)	SHEET NO.

MATCH LINE - SEE PLAN SHEETS 3, 6, AND 7



MATCH LINE - SEE PLAN SHEET 1

12.47 KV 3PH BE AND 7.2 KV 1 PH BE PLANNED HERE- SUBDIV DEVELOPMENT- SOME BE MAY BE INSTALLED ALREADY

7.2 KV 1 PH OE

7.2 KV 1 PH OE- LINES NOT ACCURATE

7.2 KV 1 PHASE BE HERE

7.2 KV 1 PHASE BE HERE

LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

DATE	DESCRIPTION	DATE	DESCRIPTION

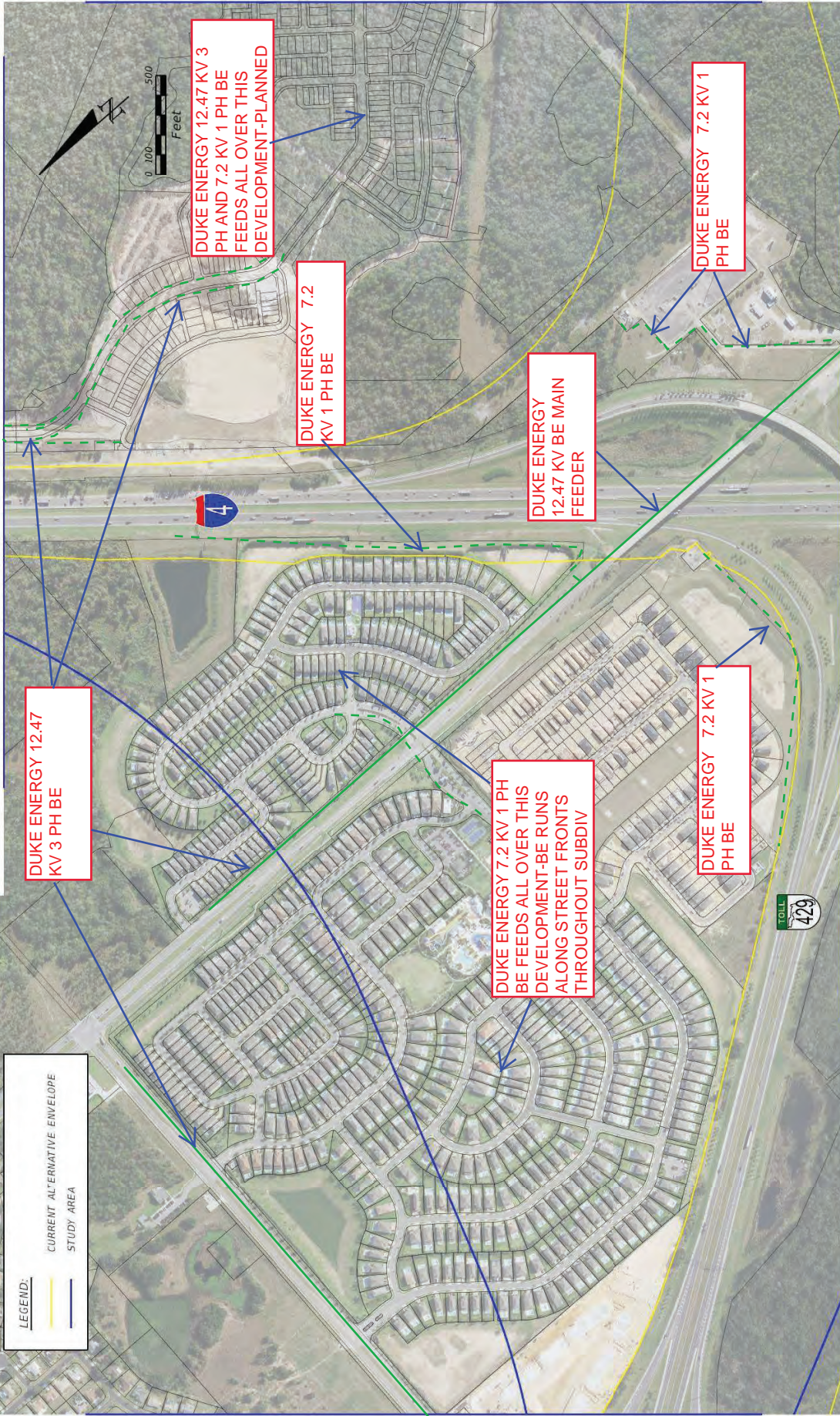
REVISIONS

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. COUNTY FINANCIAL PROJECT ID

PLAN SHEET (2)

SHEET NO.

MATCH LINE - SEE PLAN SHEET 7



MATCH LINE - SEE PLAN SHEET 4

MATCH LINE - SEE PLAN SHEET 2

MATCH LINE - SEE PLAN SHEET 6

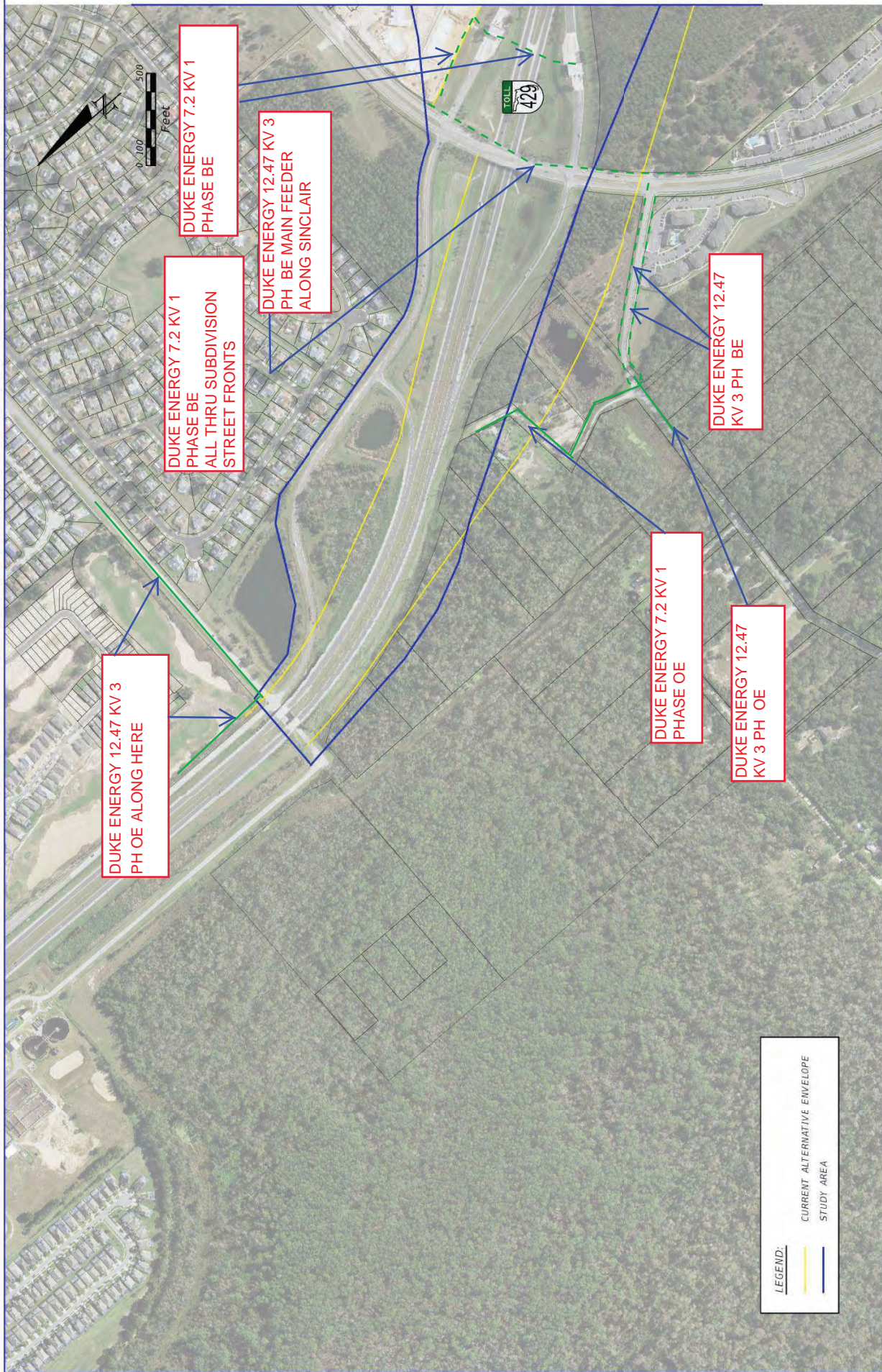
LEGEND:
 CURRENT ALTERNATIVE ENVELOPE
 STUDY AREA

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	FINANCIAL PROJECT ID

PLAN SHEET (3)	
SHEET NO.	

MATCH LINE - SEE PLAN SHEETS 3 AND 6



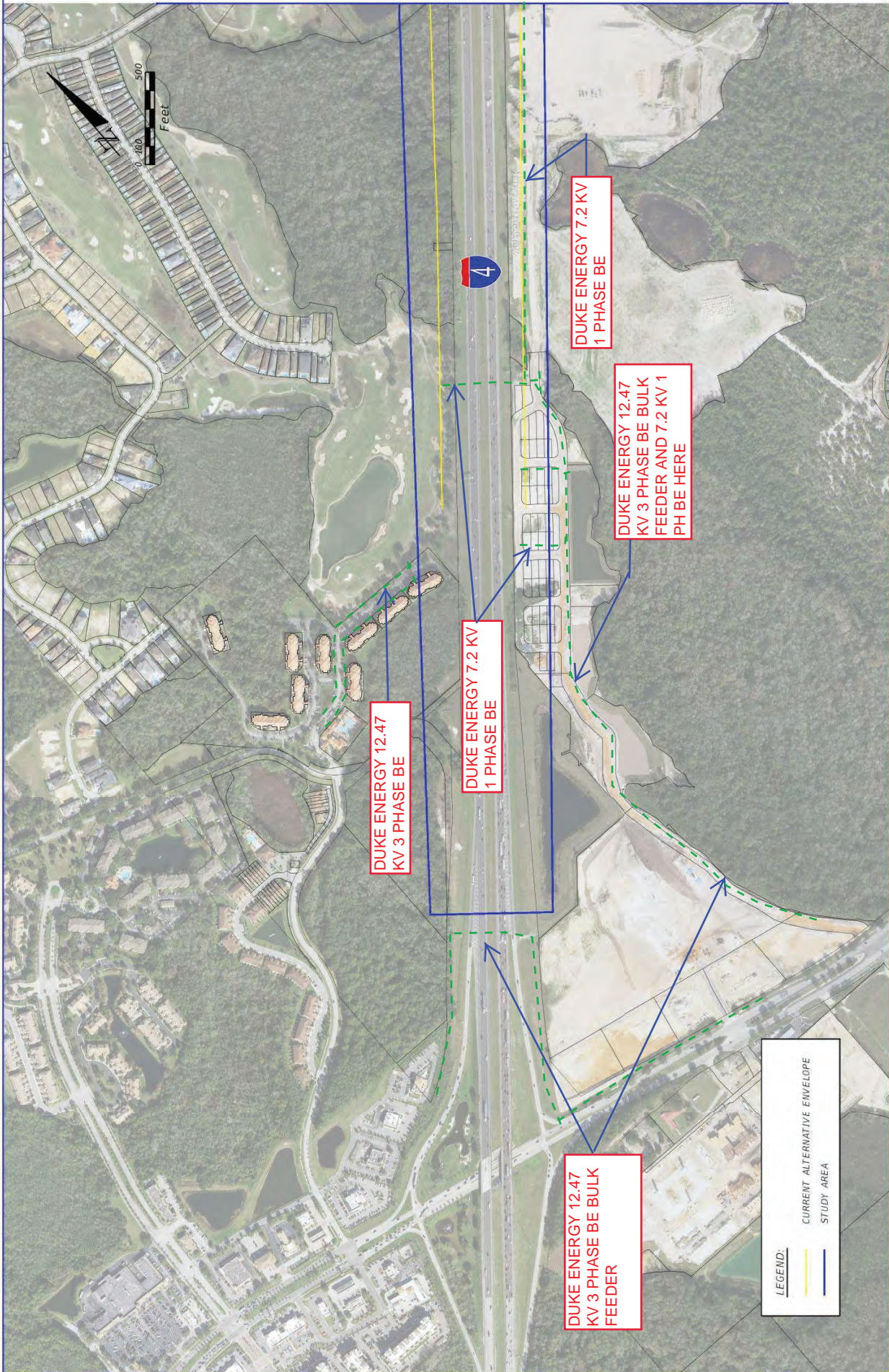
LEGEND:
 — CURRENT ALTERNATIVE ENVELOPE
 — STUDY AREA

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	FINANCIAL PROJECT ID
COUNTY	

PLAN SHEET (4)	
SHEET NO.	

DATE	DESCRIPTION	DATE	DESCRIPTION



LEGEND:

- CURRENT ALTERNATIVE ENVELOPE
- STUDY AREA

DUKE ENERGY 12.47 KV 3 PHASE BE BULK FEEDER

DUKE ENERGY 12.47 KV 3 PHASE BE

DUKE ENERGY 7.2 KV 1 PHASE BE

DUKE ENERGY 12.47 KV 3 PHASE BE BULK FEEDER AND 7.2 KV 1 PH BE HERE

DUKE ENERGY 7.2 KV 1 PHASE BE

MATCH LINE - SEE PLAN SHEET 3



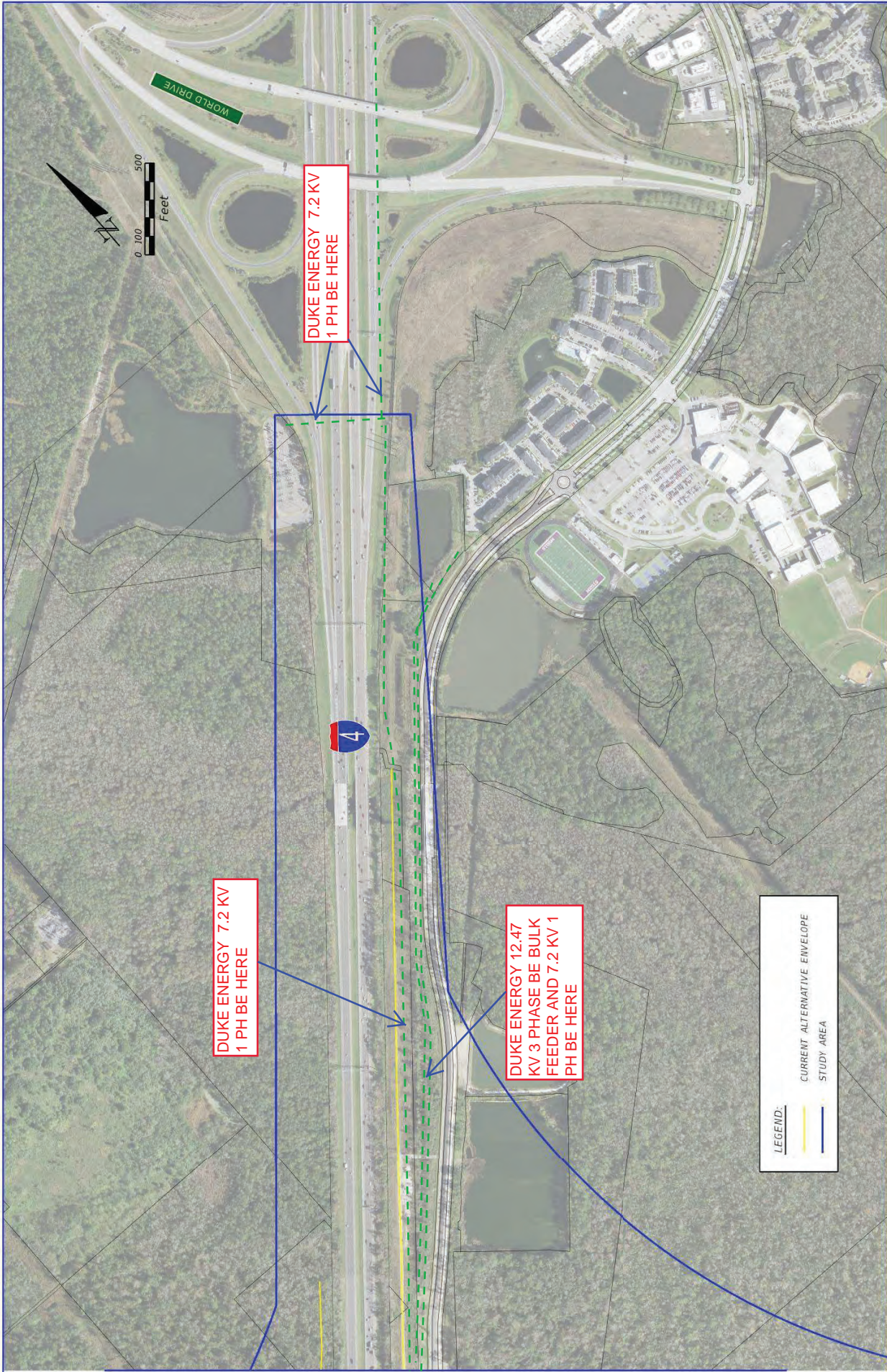
MATCH LINE - SEE PLAN SHEET 4

MATCH LINE - SEE PLAN SHEET 5

LEGEND:
 — CURRENT ALTERNATIVE ENVELOPE
 — STUDY AREA

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
CENTRAL FLORIDA EXPRESSWAY AUTHORITY				
ROAD NO.		FINANCIAL PROJECT ID		
COUNTY				
PLAN SHEET (6)				
SHEET NO.				

MATCH LINE - SEE PLAN SHEETS 2 AND 3



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY		FINANCIAL PROJECT ID	
ROAD NO.	COUNTY		

PLAN SHEET (7)		SHEET NO.

Trisha Miller

From: Manner, Mark Robert <Mark.Manner@duke-energy.com>
Sent: Thursday, September 23, 2021 2:16 PM
To: Trisha Miller
Subject: RE: [EXTERNAL] Poinciana Parkway
Attachments: Base Maps With Easements.pdf; Poinciana Pkwy Ext PDE DukeDist.pdf

Trisha, please find attached marked up pdf maps with approximate locations of Duke Energy distribution (some in planning or construction) and land agent researcher's marked up maps.

Let me know if you need anything else. I really cannot give you a good estimate for relocation work as I do not know which facilities would be in conflict at this time. Where we have easements we would expect full reimbursement for any relocation work. For areas South of CR 532, I have provided info to another consultant on another project that is further along than this one.

Regards,

Mark Manner
Duke Energy (Distribution)
(South -South Central Area Asset Engineering)
Cell 863-241-1663

From: Trisha Miller <trisha.miller@echoues.com>
Sent: Thursday, September 23, 2021 1:59 PM
To: Manner, Mark Robert <Mark.Manner@duke-energy.com>
Subject: [EXTERNAL] Poinciana Parkway

***** CAUTION! EXTERNAL SENDER *** STOP. ASSESS. VERIFY!!** Were you expecting this email? Are grammar and spelling correct? Does the content make sense? Can you verify the sender? If suspicious report it, then do not click links, open attachments or enter your ID or password.

Good afternoon, Mark

I received your voice mail and you can send the information to me trisha.miller@echoues.com.

Let me know if you need anything else.

*Thank You,
Trisha L. Miller
Senior Utility Coordinator*



ECHO UES, Inc.
400 SR 434 Suite 1024
Oviedo, Florida 32765

Trisha Miller

From: Walls, Eric <ewalls@terratechllc.net>
Sent: Wednesday, September 8, 2021 3:22 PM
To: Trisha Miller
Cc: Prario, Ronald
Subject: PD&E FOR POINCIANA PKWY EXT FROM CR532 TO N OF I-4/SR429 INTCHG
Attachments: Poinciana Preliminary Base Maps Utility 8-31-2021 CenturyLink-FKA LEVEL 3.pdf

Re: PD&E FOR POINCIANA PKWY EXT FROM CR532 TO N OF I-4/SR429 INTCHG

Hello Trish,

Attached are marked up plans showing CenturyLink/**FKA LEVEL 3** facilities for the project listed above. At the request of Level 3, I have reviewed the above referenced project to provide location(s) of Level 3 facilities. *There are no National/Level 3 facilities within the project limits.*

Please note that these plans are drawn **using the plans provided** to CenturyLink(Level-3) and Terra Technologies LLC. We highly recommend that your project team call **Sunshine 811** for locating paint and flags prior to any work beginning as required by Florida Law, Chapter 556.

Please also note that this markup **does not apply to CenturyLink Local/"Legacy CenturyLink" facilities**, only CenturyLink National "Century Link - Level 3" facilities.

Feel free to reach out to me directly should you have any questions or follow up.

Please note CenturyLink and Level 3 now have a single notification email, please utilize the unified email, relocations@CenturyLink.com for all CenturyLink/Level 3 notifications.

Thank you,

Eric

Eric Walls
Terra Technologies LLC
407.907.9284
ewalls@terratechllc.net



Eric Walls

TERRA TECHNOLOGIES LLC



407.907.9284



ewalls@terratechllc.net



terratechllc.net

APPENDIX B

Sunshine 811 Design Ticket

DESIGN TICKET

Ticket : 150002312 Rev:000 Taken: 05/29/20 11:18ET

State: FL Cnty: OSCEOLA GeoPlace: KISSIMMEE
CallerPlace: KISSIMMEE
Subdivision:

Address :
Street : S POINCIANA BLVD
Cross 1 : S ORANGE BLOSSOM TRL
Within 1/4 mile: Y

Locat: DESIGN STARTS FROM THE INTERSECTION OF S POINCIANA BLVD & S ORANGE BLOSSOM TRL, GOING WEST FROM ROW TO ROW FOR 4.5 MI AND TURNING NORTHWEST TO THE I-4/ SR 429 INTERCHANGE FOR 2.64 MI FOR A TOTAL DISTANCE OF 7.14 MI

Remarks : DESIGN ONLY, NO LOCATES
IN RESPONSE TO RECEIPT OF A DESIGN TICKET, SSOCOF PROVIDES THE ORIGINATOR OF THE DESIGN TICKET WITH A LIST OF SSOCOF MEMBERS IN THE VICINITY OF THE DESIGN PROJECT. SSOCOF DOES NOT NOTIFY SSOCOF MEMBERS OF THE RECEIPT BY SSOCOF OF A DESIGN TICKET. IT IS THE SOLE RESPONSIBILITY OF THE DESIGN ENGINEER TO CONTACT SSOCOF MEMBERS TO REQUEST INFORMATION ABOUT THE LOCATION OF SSOCOF MEMBERS' UNDERGROUND FACILITIES. SUBMISSION OF A DESIGN TICKET WILL NOT SATISFY THE REQUIREMENT OF CHAPTER 556, FLORIDA STATUTES, TO NOTIFY SSOCOF OF AN INTENT TO EXCAVATE OR DEMOLISH. THAT INTENT MUST BE MADE KNOWN SPECIFICALLY TO SSOCOF IN THE MANNER REQUIRED BY LAW. IN AN EFFORT TO SAVE TIME ON FUTURE CALLS, SAVE YOUR DESIGN TICKET NUMBER IF YOU INTEND TO BEGIN EXCAVATION WITHIN 90 DAYS OF YOUR DESIGN REQUEST. THE DESIGN TICKET CAN BE REFERENCED, AND THE INFORMATION ON IT CAN BE USED TO SAVE TIME WHEN YOU CALL IN THE EXCAVATION REQUEST.

*** LOOKUP BY MANUAL ***

Grids	: 2815A8130A	2815A8131A	2815A8131B	2815A8131C	2815A8131D
Grids	: 2815A8132C	2815A8132D	2815A8133A	2815A8133B	2815A8134D
Grids	: 2815B8129A	2815B8129B	2815B8130A	2815B8130B	2815B8130C
Grids	: 2815B8130D	2815B8131C	2815B8131D	2815B8132A	2815B8132B
Grids	: 2815B8132C	2815B8132D	2815B8133B	2815B8133C	2815B8133D
Grids	: 2815C8129A	2815C8129B	2815C8129C	2815C8129D	2815C8130D
Grids	: 2816A8134A	2816A8135C	2816A8135D	2816B8134A	2816B8134B
Grids	: 2816B8134C	2816C8134B	2816C8134C	2816C8134D	2816D8133A
Grids	: 2816D8134C	2816D8134D	2817D8135C	2817D8135D	

Work date: 05/29/20 Time: 11:08ET Hrs notc: 000 Category: 6 Duration: UNKNOWN
Due Date : 06/02/20 Time: 23:59ET Exp Date : 06/29/20 Time: 23:59ET
Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A
Done for : DESIGN

Company : ECHO U.E.S INC Type: OTHR
Co addr : 4803 GEORGE RD., STE 350
City : TAMPA State: FL Zip: 33634
Caller : CHRISTINA BYRAM Phone: 888-788-3246
Contact : MIKE ALABANESE Phone: 727-638-4187
BestTime: 7AM-5PM
Mobile : 727-638-4187
Email : CHRISTINA.BYRAM@ECHOUES.COM

Submitted: 05/29/20 11:18ET Oper: CHR Chan: WEB
Mbrs : AT1931 CFPIPL CNTL01 CVCFTV ECD442 FG1442 FLW941 FPC313 FPC322 FS2216
Mbrs : FWS701 FWS702 FWS704 GN1133 HW1474 KUA L3C900 LCA395 MCIU01 OC1586
Mbrs : OTC811 PE1741 PGSORL POLKNE SE2188 SL2333 TI1322

** There aren't any Excavator comments, so the column is omitted **

<u>Ex. Circum</u>	<u>Service Area</u>	<u>Utility_Type(s)</u>	<u>Contact</u>	<u>Alt. Contact</u>	<u>Emergency Contact</u>	<u>Positive Response</u>
No	AMERICAN TRAFFIC SOLUTIONS AT1931	COMMUNICATION LINES, ELECTRIC	VICTORIA GRASSER (480) 596-4559	IT HELP DESK (866) 382-8689	IT HELP DESK (866) 382-8689	
No	KINDER MORGAN / CENTRAL FLORIDA PIPELINE CFPIPL	FUEL OIL PIPELINE	MARK CLARK (727) 271-0024	CRAIG WILSON (321) 276-7893	MARK CLARK (727) 271-0024	
No	CENTURYLINK CNTL01	FIBER, TELEPHONE	BILL MCCLOUD (850) 599-1444	THOMAS STURMER (720) 578-8090	TAC CENTER (800) 778-9140	
No	CHARTER COMMUNICATIONS CVCFTV	CATV, FIBER, TELEPHONE	RAMON NUNEZ (407) 215-5870		RAMON NUNEZ (407) 215-5870	
No	ENTERPRISE COMMUNITY DEVELOPMENT DISTRICT ECD442	SEWER, WATER	RAJ SINGH (407) 647-7275	LORLEE MILLER (407) 566-4132	RUSSELL SIMMONS (407) 747-1238	
No	FLORIDA GAS TRANSMISSION - DAVENPORT FG1442	GAS	JOSEPH E. SANCHEZ (407) 838-7171	DANNY FLETCHER (407) 244-4594	JAMES HUFF (321) 508-6038	
No	ZAYO GROUP / FORMERLY LIGHTWAVE, LLC FLW941	FIBER	HENRY KLOBUCAR (406) 496-6510	STAKE CENTER / LOUIS SIMONE (772) 579-8956	JON RAY (813) 417-2184	
No	DUKE ENERGY FPC313	ELECTRIC	STEPHANIE OLMO (407) 905-3376	USIC DISPATCH (800) 778-9140	DUKE'S CUSTOMER SERVICE CENTER (407) 629-1010	
No	DUKE ENERGY FPC322	ELECTRIC	STEPHANIE OLMO (407) 905-3376	USIC DISPATCH (800) 778-9140	DUKE'S CUSTOMER SERVICE CENTER (407) 629-1010	
No	FLORIDA SOUTHEAST CONNECTION LLC FS2216	GAS	SEGUN OJETAYO (713) 951-5379	LOREN BROWN (305) 552-2132	JACOB HICKEY (941) 729-5766	
No	TOHO WATER AUTHORITY - ZONE 1 FWS701	RECLAIMED WATER, WASTEWATER				
No	TOHO WATER AUTHORITY - ZONE 2 FWS702	RECLAIMED WATER, SEWER, WATER				
No	TOHO WATER AUTHORITY - ZONE 4 FWS704	RECLAIMED WATER, SEWER, WATER				
No	GULFSTREAM NATURAL GAS SYSTEM GN1133	NATURAL GAS	SAM WOOLEY (251) 215-6438		WILLIAMS 24 HRS GAS CONTROL (800) 440-8475	
No	CENTURYLINK		ONE CALL CENTER	JIM RICKARD	ONE CALL CENTER	

	13A1474		(618) 547-0604	(888) 365-2382	(888) 365-2382
No	KISSIMMEE UTILITY AUTHORITY KUA	ELECTRIC	FELIX ESCOBAR (407) 933-7777 x6612	ALAN BURKHARDT (407) 933-7777 x6616	LOGAN MURPHY (407) 933-7777 x6617
No	CENTURYLINK L3C900	FIBER	NETWORK RELATIONS (877) 366-8344 x2	TECH ON DUTY (877) 366-8344 x3	TECH ON DUTY (877) 366-8344 x3
No	COMCAST COMMUNICATIONS/ LK CNTY CBLV LCA395	CATV	WADE MATHEWS (352) 516-3824		USIC DISPATCH (800) 778-9140
No	MCI MCIU01	COMMUNICATION LINES, FIBER	MCIU01 INVESTIGATIONS (469) 886-4091	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675
No	OSCEOLA COUNTY TRAFFIC OC1586	FIBER, TRAFFIC LIGHTS	JACK LOTT (407) 742-7534	JACK LOTT (407) 742-7534	MARC CASTLE (407) 343-7148
No	SUMMIT BROADBAND OTC811	FIBER, TELEPHONE	LESTER GUTHRIE (407) 996-1183	MICHAEL RINESMITH (239) 571-0568	NETWORK OPERATION CENTER (407) 996-1188
No	DUKE ENERGY PE1741	FIBER	MARK HURST (727) 820-5208	USIC CHAD LAYMAN (317) 575-7804	MARK HURST (727) 820-5208
No	TECO PEOPLES GAS- ORLANDO PGSORL	GAS	JOAN DOMNING (813) 275-3783	HEATH MCARDLE (407) 487-9004	TECO PEOLPES GAS CUSTOMER SERVICE*** (877) 832-6747
No	POLK COUNTY UTILITIES - NE REGION POLKNE	SEWER, WATER	TOM HOLLINGTON** (863) 559-1102	ANYONE IRTHNET (863) 298-4177	ON CALL LOCATOR (AS ASSIGNED) (863) 370-5125
No	SPECTRA ENERGY- SABAL TRAIL SE2188	GAS	STEVE PECK (201) 853-4218	JOHN HARRIS (407) 390-1075	STEVE PECK (201) 853-4218
No	UNITI FIBER LLC SL2333	FIBER	JOHN HALLEY (251) 753-8695		NOC UNITI FIBER (877) 652-2321
No	TRANSTATE INDUSTRIAL PIPELINE SYSTEMS INC TI1322	GAS	TOM ULMER** (772) 778-2255	TOM ULMER** (772) 778-2255	TOM ULMER** (772) 778-2255

