

DRAFT UTILITIES TECHNICAL MEMORANDUM

Florida Department of Transportation

District Five

I-75 (SR 93)

SR 200 to SR 326

Marion County, Florida

Financial Management Number: 452074-1

ETDM Number: 14542

December 2023

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 USC § 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.



I-75 FORWARD

S.R. 200 TO S.R. 326

Utilities Technical Memorandum

FDOT District 5
Marion County

December 2023

FPID: 452074-1

DRAFT

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.

CONTENTS

1.0	Project Description.....	4
1.1	Purpose and Need.....	6
1.1.1	Project Purpose.....	6
1.1.2	Project Need	6
1.2	Alternatives.....	7
1.2.1	No-Build Alternative	7
1.2.2	Auxiliary Lanes Alternative.....	7
2.0	Existing Utilities.....	8
2.1	General.....	8
2.2	Utility Coordination.....	8
2.3	Description of Existing Utility Facilities	13
2.3.1	Windstream Communication (Telephone)	14
2.3.2	AT&T Corp. (Communication Lines, Fiber)	14
2.3.3	Clay Electric (Electric).....	14
2.3.4	Century Link (Fiber, Telephone).....	14
2.3.5	City Of Ocala - Telecommunication (Fiber).....	14
2.3.6	City Of Ocala - Water and Sewer Department (Sewer, Water)	15
2.3.7	Cox Cable (CATV)	15
2.3.8	Florida Gas Transmission (Gas).....	16
2.3.9	Duke Energy (Electric - Distribution & Transmission).....	16
2.3.10	Marion County Utilities.....	16
2.3.11	Ocala Electric Utility (Electric).....	16
2.3.12	Duke Energy (Fiber)	16
2.3.13	AT&T Distribution (Telephone)	17
2.3.14	Uniti Fiber LLC. (Fiber).....	17
2.3.15	Traffic Control Devices, Inc. (Electric, Fiber).....	17
2.3.16	TECO Peoples Gas (Gas, Natural Gas).....	17
2.4	Potential Utility Impacts	17

Appendices.....	19
Appendix A Sunshine811 Tickets.....	19
Appendix B Utility Owners’ Markups/ Plans.....	20

FIGURES

Figure 1-1 Project Location Map	5
Figure 1-2 Auxiliary Lanes Alternative Typical Section.....	7

TABLES

Table 2-1 Existing Utility Type & Contact.....	8
--	---

ACRONYMS AND ABBREVIATIONS

AADT	Average Annual Daily Traffic
C.R.	County Road
CFR	Code of Federal Regulations
FDOT	Florida Department of Transportation
ILC	Intermodal Logistic Center
LOS	Level of Service
NEPA	National Environmental Policy Act
PD&E	Project Development and Environment
PTAR	Project Traffic Analysis Report
SIS	Strategic Intermodal System
S.R.	State Road
U.S.C.	United States Code

1.0 Project Description

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for proposed operational improvements to the I-75 corridor in the City of Ocala and Marion County, Florida. These interim improvements were identified as part of Phase 1 of a master planning effort for the I-75 corridor between Florida's Turnpike and County Road 234. The operational improvements being evaluated by this PD&E Study include construction of auxiliary lanes between interchanges for an eight-mile segment of I-75 between S.R. 200 and S.R. 326. The limits of the project are shown in **Figure 1-1**. Within the study limits, I-75 is an urban principal arterial interstate that runs in a north and south direction with a posted speed of 70 miles per hour. I-75 is part of the Florida Intrastate Highway System, the Florida Strategic Intermodal System (SIS), and is designated by the Florida Department of Emergency Management as a critical link evacuation route. Within the study limits, I-75 is a six-lane limited access facility situated within approximately 300 feet of right-of-way. No transit facilities, frontage roads, or managed lanes are currently provided.

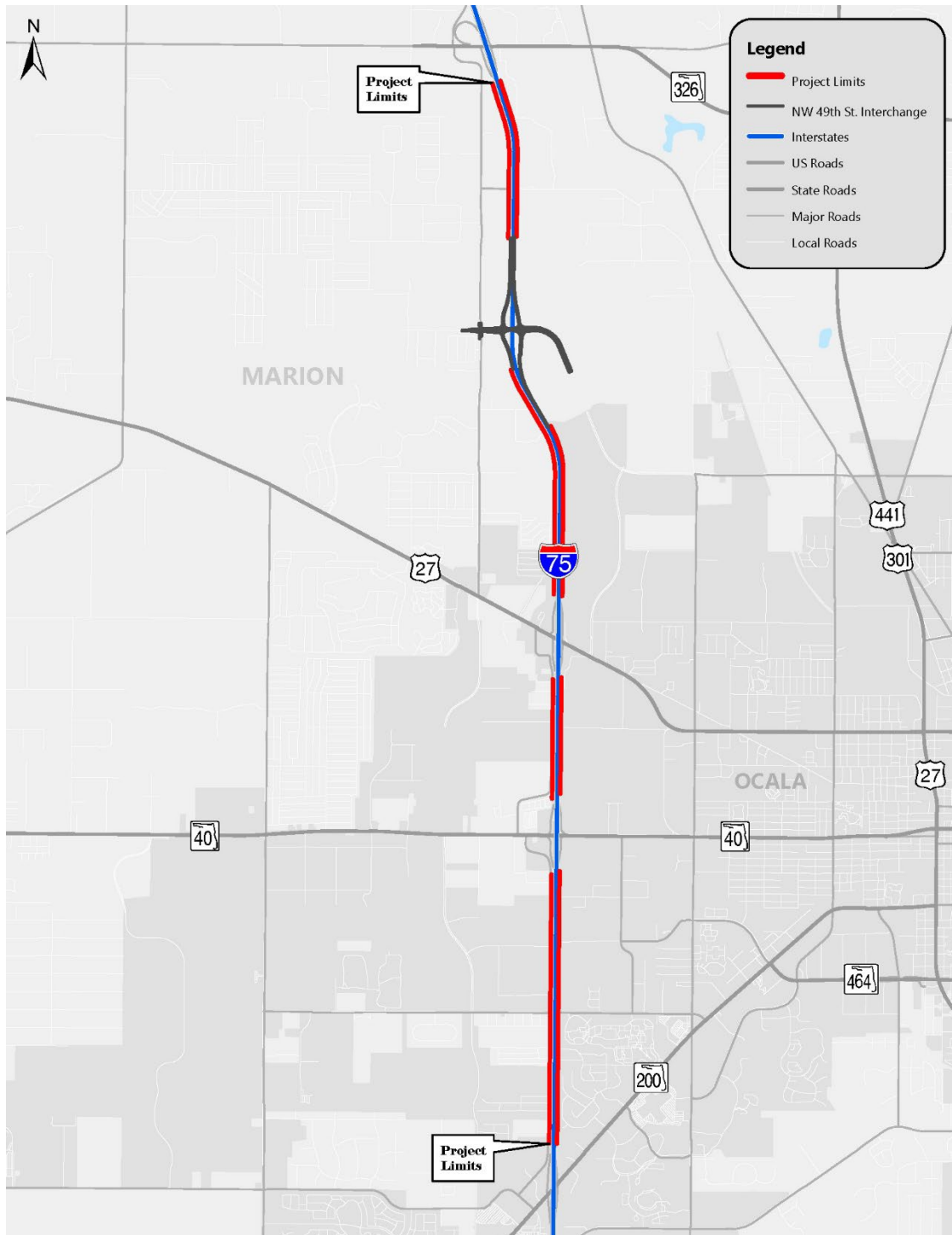


Figure 1-1 | Project Location Map

1.1 Purpose and Need

1.1.1 Project Purpose

The purpose of this project is to evaluate operational improvements between existing interchanges for I-75 between S.R. 200 and S.R. 326. This project involves adding managed lanes to I-75/S.R. 93 from north of S.R. 200 to S.R. 326 for approximately 8 miles within Marion County (or a distance as determined by the Department). The project includes the evaluation of access from the proposed mainline improvements to the four interchanges within the project limits at S.R. 40, U.S. 27, NW 49th Street, and S.R. 326. The project will analyze adding managed lanes in the northbound and southbound direction between interchanges.

1.1.2 Project Need

The primary needs for this project are to enhance current transportation safety and modal interrelationships while providing additional capacity between existing interchanges.

1.1.2.1 Safety

I-75 experiences crash rates greater than the statewide average for similar facilities. Crash data analyzed between 2018 and 2022 indicates there was a total of 1,228 vehicle crashes between S.R. 200 and S.R. 326. Of these, 297 resulted in at least one injury and 7 resulted in a fatality. The number of crashes increased every year from 161 crashes in 2018 to 272 crashes in 2022.

Based on the data, rear end collisions and sideswipes are cited as the primary types of crashes on I-75 mainline and the on/off-ramps. Contributing factors includes the closely spaced interchanges in the Ocala area that cause vehicles to “stack” in the right-hand lane with insufficient weaving distance between interchanges, weaving associated with vehicles entering and existing the I-75 mainline, and congestion at off-ramps that cause vehicles to queue from off-ramps onto the mainline.

1.1.2.2 Modal Interrelationships

Truck traffic on I-75 is substantial and accounts for over 20 percent of all daily vehicle trips within the study limits based on the FDOT, Traffic Characteristics Inventory. The segment of I-75 between U.S. 27 and S.R. 326 experiences the highest volume of trucks with more than 30 percent of the total trips made by trucks. Multiple existing and planned Intermodal Logistic Centers (ILC) and freight activity centers in Ocala contribute to the growth in truck volumes. These facilities include the Ocala/Marion County Commerce Park (Ocala 489), Ocala 275 ILC, and the Ocala International Airport and Business Park.

The interaction between heavy freight vehicles and passenger vehicles between interchanges contributes to both operational congestion and safety concerns.

1.1.2.3 Capacity

Existing annual average daily traffic (AADT) on I-75 within the study limits ranges from 74,000 vehicles per day (vpd) to 97,500 vpd, with the highest volume of traffic occurring between S.R. 200 and S.R. 40. As early as 2030, I-75 northbound from S.R. 200 to S.R. 40 and I-75 southbound from S.R. 326 to S.R. 40 will operate at Level of Service (LOS) F in the no-build condition. By 2050, AADTs within the study limits will range from 122,000 vpd to 161,000 vpd, with the highest volume of traffic continuing to occur between S.R. 200 and S.R. 40.

I-75 peak traffic typically occurs on weekends and during specific seasons rather than daily rush hours, thereby leading to non-recurring congestion. On peak days, traffic can be double the annual average. Non-recurring congestion accounts for 80 percent of existing delay and contributes to I-75 reaching an unacceptable LOS F for 134 days per year, on average.

1.2 Alternatives

1.2.1 No-Build Alternative

The No-Build Alternative is defined as the scenario in which the proposed activity would not take place. The existing six-lane I-75 facility, the existing interchange configurations, and the programmed new interchange at NW 49th Street are considered the No-Build Alternative. The No-Build Alternative does not address the purpose and need for this project; however, it serves as the baseline against which the build alternative is evaluated.

1.2.2 Auxiliary Lanes Alternative

The Auxiliary Lanes Alternative is the sole build alternative evaluated in this PD&E study and is based on recommendations from previous master planning activities. The Auxiliary Lanes Alternative proposes to add one 12-foot auxiliary lane (additional lane between interchanges) to the outside of the general purpose lanes in each direction. The auxiliary lanes would not impact the interchange bridges. The typical section is shown in **Figure 1-2**.

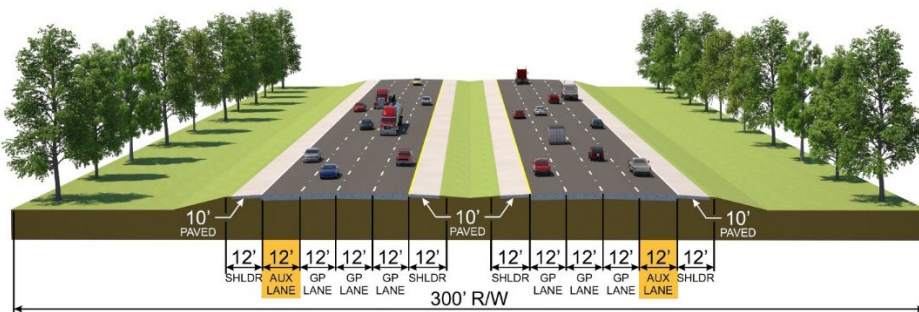


Figure 1-2 | Auxiliary Lanes Alternative Typical Section

2.0 Existing Utilities

2.1 General

This report was prepared as part of the I-75 between S.R. 200 and S.R. 326 PD&E Study to provide information concerning the location and type of major utilities within the project study area and potential impacts associated with the Auxiliary Lanes Alternative. The project study area encompasses a mixture of land use classifications including agricultural, public/semi-public, residential, vacant residential, vacant non-residential and retail/office.

2.2 Utility Coordination

The existing utilities within the project area were identified through the Sunshine State 811 “IRTH One Call” system. The design ticket requests for I-75 between S.R. 200 and S.R. 326 are included as Attachment A. Each of the utility owners provided by Sunshine811 were contacted by email or phone to request specific information regarding the nature of their facilities within the project limits. An aerial view image of the project location was sent to the utility owner to identify potential facilities. The utility owner contact data was updated to include current information and is provided in Table 2-1. In this table, we have marked the names and contacts that are obtained from the District Utilities Office UAO Address Book with an asterisk (*). This symbol indicates that the source of the information is different from the rest of the table.

Table 2-1 | Existing Utility Type & Contact

Utility Type	Utility Owner	Contact Information	
Telephone	Windstream Communication AT1138	Locate Desk BJ McCay* 2301 Lucien Way Suite 200 Maitland, FL 32751	locate.desk@windstream.com (800) 289-1901 Billy.McCay@windstream.com (404) 985-7121
Communication Lines, Fiber	AT&T Corp. ATTF01	Kevin Talecki / Mike Gamboa Address The National Dispatch Center Address Martin Shaw*	Email (610) 200-3365 martin@Trecgroup.com (866) 460-6324 x5 fl-relocations@trecgroup.com (610) 328-6465
Electric	Clay Electric	Quinton Howe	Qhowe@Clayelectric.com

	CLAY05	<p>Address Gainesville district</p> <p>Hastings Mansolo Address</p> <p>Chris Bryan* Post Office Box 308 Keystone Heights, FL 32656-0308</p>	<p>(352) 337-8115 (x6215)</p> <p>Hmansolo@Clayelectric.com (352) 337-8109 (x6209)</p> <p>cbryan@clayelectric.com CC: jmyers@clayelectric.com (352) 473-8000 x8428 Alt. Phone: (352) 256-0515</p>
Fiber, Telephone	Century Link CNTL01	<p>Rick Prashad Area Manager, Ocala</p> <p>Bill McCloud Address</p> <p>Ryan Egan Address</p> <p>Cable Protection Center Address</p> <p>John Brugnoli* 501 McCormack St. Leesburg, FL 34748</p> <p>Kurt Judd* 319 SE Broadway Street Ocala, FL 34471</p> <p>John Plamondon*</p>	<p>Ricky.Prashad@lumen.com 407-844-7008</p> <p>Email (850) 599-1444</p> <p>Email (918) 547-0063</p> <p>Email (877) 366-8344 X3</p> <p>john.j.brugnoli@lumen.com copy in relocations@lumen.com (352) 326-1698 Alt. Phone: (352) 459-1781</p> <p>kurt.e.judd@lumen.com copy in relocations@lumen.com (352) 326-1722</p> <p>Jplamondon@terratechllc.net copy in relocations@lumen.com copy in vmckeon@terratechllc.net (352) 425-4444</p>

		319 SE Broadway Street Ocala, FL 34471	
Fiber	City Of Ocala Telecommunication CO2143	Oshane Parker 1805 NE 30th Avenue Bldg. 400 Ocala, FL 34470 Jason Cohen Address	Oparker@OcalaFL.org (352) 401-6950 (352) 401-6912* Email (352) 401-3999
Sewer, Water	City Of Ocala Water And Sewer Department COO593	Mr. Stacey Ferrante Address Richard Ragosta Address Sean Lanier* 1805 NE 30th Avenue Bldg. 400 Ocala, FL 34470	Email (352) 351-6775 Rragosta@Ocalafll.org Phone slanier@ocalafll.org CC: Otovar@ocalafll.org & Dpark@ocalafll.org (352) 351-6772
CATV	Cox Cable COX02	Todd Ardoin Marion County Randy Ehlers Marion County USIC Dispatch Marion County System Operations Center (SOC) Marion County Mathew Berry*	Todd.Ardoin@Cox.com (337) 281-9889 Randy.Ehlers@Cox.com Phone Email (800) 778-9140 Email (866) 396-4925 mathew.berry@cox.com
Gas	Florida Gas Transmission FGT10	Joseph E. Sanchez	Joseph.E.Sanchez@Eenergy.com joseph.e.sanchez@energytransfer.com* (407) 838-7171

		<p>2405 Lucien Way, Suite 200 Maitland, FL 32751*</p> <p>Troy Weaver Silver Springs</p> <p>Ken Graham Silver Springs</p> <p>Terry Coleman* (Subordinations) 2405 Lucien Way Suite 200 Maitland, FL 32751</p>	<p>Email (352) 598-7962</p> <p>Email (850) 350-5519</p> <p>terry.coleman@energytransfer.com (407) 838-7054 Alt. Phone: (407) 448-7123</p>
Electric (Distribution & Transmission)	Duke Energy FPC280	<p>Duke's Customer Service Center Address Ocala</p> <p>USIC Dispatch</p> <p>Robb Brown* 452 E. Crown Point Road Winter Garden, FL 34787</p> <p>Aric Rogers* 4427 Pet Lane, Suite 101 Lutz, FL 33559</p>	<p>FLNewconstruction@Duke-Energy.com (407) 629-1010</p> <p>Email (800) 778-9140</p> <p>Robb.brown@duke-energy.com (352) 459-4671</p> <p>Arogers@pike.com (813) 909-1245</p> <p>All plans should be sent to: DEFTransmissionGOV@duke-energy.com</p>
	Marion County Utilities FWS01	<p>Carrie Hyde Address</p> <p>Josh Kramer Address</p>	<p>Email Phone</p> <p>Joshua.Kramer@MarionFl.org (352) 438-2383</p>

		<p>Mark Thomas* 11800 SE US Hwy 441 Bellevue, FL 34420</p>	<p>Mark.thomas@marionfl.org (352) 307-4624 Alt. Phone: (352) 307-6000</p>
Electric	Ocala Electric Utility OEU503	<p>Randy Hahn Address</p> <p>System Control Center Address</p> <p>D. Fales* 1805 NE 30th Avenue Bldg. 400 Ocala, FL 34470</p>	<p>Rhahn@Ocalafl.org (352) 351-6615</p> <p>Email (352) 351-6666</p> <p>dfales@ocalafl.org</p>
Fiber	Duke Energy PE1741	<p>Mark Hurst Address</p> <p>USIC-Chad Layman Address</p> <p>Julian Jordan* 299 1st Ave North St. Petersburg, FL 33701</p>	<p>All plans should be sent to: DEFibergov@duke-energy.com CC: mark.hurst@duke-energy.com (727) 820-5208</p> <p>Email (317) 575-7804</p> <p>Julian.Jordan@duke-energy.com (813) 407-8777 Alt. Phone: (727) 512-6268</p>
Telephone	AT&T Distribution SBF09	<p>Dino Farruggio Address</p> <p>Luismer Mendoza* 2200 Old Middleburg Rd N. Rm 102A Jacksonville, FL 32210</p>	<p>Email (561) 683-2729</p> <p>lm3376@att.com (786) 635-4840</p>
Fiber	Uniti Fiber LLC.	Charlie Croft	Email

	SL1086	Address NOC Uniti Fiber Address Michael Chesser* 200 Cumberland Park Drive St. Augustine, FL 32095	(251) 214-7059 Email (877) 652-2321 michael.chesser@uniti.com (904) 506-7208 Alt. Phone: (904) 255-5555
Electric, Fiber	Traffic Control Devices, Inc. TC2046	David Nagessar Address Larry Taylor Address	D.Nagessar@TCD-USA.com (904) 693-9254 Email (904) 693-9254
Gas, Natural Gas	TECO Peoples Gas WFG361	Joan Domning Ocala TECO-Peoples Gas Customer Service Ocala Bruce Stout* 600 West Robinson Street Orlando, FL 32801	Email (813) 275-3783 Email (813) 832-6747 bstout@tecoenergy.com (407) 420-2678
* Names and contacts obtained from the District Utilities Office UAO Address Book.			

2.3 Description of Existing Utility Facilities

A preliminary investigation of existing utilities within the project area included written and verbal communications with the existing utility owners. An aerial map of the project area was sent to each utility contact. Utilities in the area include overhead electric/ power lines, underground fiber optic and underground telephone and cable TV conduits. Relocation of these utilities may be required to accommodate the proposed improvements based on the location and/or depth of these utilities.

2.3.1 Windstream Communication (Telephone)

The map provided by Windstream (Liza.Zingula@windstream.com), dated 06/09/2022, contains essential details such as underground structures (e.g., manholes, fiber splices), Windstream fiber, MFS/Adesta fiber, and Windstream copper conduit. This map covers approximately 1.8 miles of interstate I-75 from the north side of I-75 and US Highway 27 intersection to the north side of NW 63rd Road. A review of Windstream Communication's telephone facilities within the project area has confirmed that the proposed alternative to auxiliary lanes has no conflict with Windstream facilities. Attachment B provides a map verifying the absence of any conflict with Windstream's telephone facilities in the project area.

2.3.2 AT&T Corp. (Communication Lines, Fiber)

The examination of AT&T Corp.'s communication lines and fiber facilities within the I-75 project area, specifically between SR 200 and SR 326, was conducted through a Google Earth overview and requested maps and drawings. According to the information provided (by Kenneth Wagner dated 6/10/2022), AT&T Corp.'s transmission facilities are primarily located along Silver Springs Blvd (SR 40) and traverse the I-75 interchange with this boulevard. Importantly, these facilities are not within the project location, which encompasses four segments along I-75 from SR 200 to SR 326, excluding intersections. Consequently, the proposed Auxiliary Lanes Alternative is confirmed not to impact the identified utilities owned by AT&T Corp. A copy of the document verifying that there is no conflict with AT&T Corp.'s facilities within the project area is provided in Attachment B.

2.3.3 Clay Electric (Electric)

Clay Electric has responded that there are facilities on NW 193rd St. as well as underground conduits that cross I-75 perpendicularly. However, if the Auxiliary Lanes Alternative does not affect the right-of-way, the above-mentioned facilities will not be affected.

2.3.4 Century Link (Fiber, Telephone)

To be added...!

2.3.5 City Of Ocala - Telecommunication (Fiber)

Telecommunication facilities owned and operated by the City of Ocala Utilities Commission cross I-75 perpendicularly within the project area. A thorough examination of the facilities was conducted based on the aerial maps received. Based on the assessment, four potential conflicts were identified. Firstly, an underground fiber located on the north side of the I-75 and SW 20th St. intersection will be impacted by the proposed Auxiliary Lanes Alternative, as it crosses the corridor. Another conflict is the crossing of an aerial fiber near SW 7th Street from the east side to the west side of I-75. However, at the intersection of W Silver Springs Blvd and I-75, where one aerial fiber and one underground fiber are located, the proposed auxiliary lanes are designed as

segments and will not affect intersections during this phase, therefore avoiding conflicts. Lastly, an underground fiber line located on the north side of the US Hwy 27 and I-75 intersection, as explained previously, is not impacted by the project. These detailed assessments provide a comprehensive overview of potential conflicts with the proposed alternative. The approximate locations of these facilities are included in Attachment B.

2.3.6 City Of Ocala - Water and Sewer Department (Sewer, Water)

According to the detailed sheets provided by the City of Ocala Engineering Department, conflicts have been identified along the study corridor related to the City of Ocala's Water and Sewer Department infrastructure. A notable conflict involves an 8-inch PVC pipe crossing I-75 perpendicularly from east to west at milepost 16.7597. Detailed information for this location specifies a bore and jack of 300 feet of 24×8 inches steel casting pipe with an 8-inch PVC restrained joint force main, maintaining a minimum cover of 48 inches from the ground. Additionally, a 36-inch French drain (bottom of the pipe at 61.65) and an 18-inch storm drain (bottom of the pipe at 64.80) run parallel with I-75 below the centerline within the 300 ft right of way, as outlined in Sheet 22 of 29. This sheet provided in Attachment B provides further details.

Furthermore, there is another conflict that arises approximately 2,217 feet to the north of the intersection of I-75 and SR 200. On this location, there is a bore and jack of 340 feet of 18-inch D.I.P. force main with a 36-inch steel casting and a minimum cover of 36 inches from the ground crossing I-75 from east to west. In addition, there are two 18-inch CMP pipes and a 6-inch gas pipeline running parallel to the centerline of I-75. For more detailed information regarding this conflict, please refer to Sheet 8 of 25 provided in Attachment B.

It is important to note that there is no expectation of additional conflict points resulting from the construction of the Auxiliary Lanes Alternative. It has been previously approved that all conflict points between the sewer and water pipelines and the existing geometric characteristics of I-75 have been resolved. It is anticipated that the Auxiliary Lanes Alternative will not result in any additional conflicts within the project area at this phase. The additional as-built plans are included in Attachment B.

2.3.7 Cox Cable (CATV)

There is fiber optic cable running along the east/west sides of Interstate 75 owned by Cox Cable. In accordance with Randy Ehlers' information provided on 07/19/2022, the above-mentioned utilities run along the secondary roads and are not in conflict with Auxiliary Lanes Alternative along I75. Attachment B includes approximate locations of these facilities.

2.3.8 Florida Gas Transmission (Gas)

Subsequent to the Sunshine 811 ticket requests and preliminary utility coordination for this project, Florida Gas Transmission has provided us with a map (sent by Joseph Sanchez on June 15, 2022). It has been identified that there exists a 6.625 inches O.D.×0.188 inches W.T., grade B, natural gas transmission pipeline (FLBLO) crossing perpendicular to I-75 within the project area. This pipeline traverses I-75 from east to west, approximately 1 mile north of the US Hwy 27 and I-75 intersection. Importantly, the proposed Auxiliary Lanes Alternative, involving the addition of a new auxiliary lane, is not anticipated to introduce additional conflict points when compared to the existing condition. This evaluation ensures that the proposed project is compatible with the existing gas transmission infrastructure without resulting in any additional impacts on this utility. For further information, please refer to Attachment B for the aerial Google Earth image for this pipeline.

2.3.9 Duke Energy (Electric - Distribution & Transmission)

The Duke Energy response, specifically the Racehorse Substation, indicates that the approximate locations of the utilities crossing I-75 along NW 49th Avenue are outside the project area. Therefore, the construction of the proposed auxiliary lanes alternative on I-75 between SR 200 and SR 326 might not have any impact on this utility. In this regard, it is important to note that NW 100th St is located two miles north of the intersection of I-75 and SR 326. Therefore, Duke Energy's electric distribution and transmission facilities at this specific location are not expected to be affected by Auxiliary Lanes Alternative. A map of the approximate locations of these facilities can be found in attachment B.

2.3.10 Marion County Utilities

To be added...!

2.3.11 Ocala Electric Utility (Electric)

To be added...!

2.3.12 Duke Energy (Fiber)

The Duke Energy response, specifically the Racehorse Substation, indicates that the approximate locations of the utilities crossing I-75 along NW 49th Avenue are outside the project area. Therefore, the construction of the proposed auxiliary lanes alternative on I-75 between SR 200 and SR 326 might not have any impact on this utility. In this regard, it is important to note that NW 100th St is located two miles north of the intersection of I-75 and SR 326. Therefore, Duke Energy's electric distribution and transmission facilities at this specific location are not expected to be affected by Auxiliary Lanes Alternative. A map of the approximate locations of these facilities can be found in attachment B.

2.3.13 AT&T Distribution (Telephone)

The examination of AT&T Distribution facilities within the I-75 project area, specifically between SR 200 and SR 326 was conducted. According to the information provided, AT&T Distribution facilities are primarily located outside the project location, which encompasses four segments along I-75 from SR 200 to SR 326, excluding intersections. Consequently, the proposed Auxiliary Lanes Alternative is confirmed not to impact the identified utilities owned by AT&T Distribution. A copy of the document verifying that there is no conflict with AT&T Distribution's facilities within the project area is provided in Attachment B.

2.3.14 Uniti Fiber LLC. (Fiber)

Based on the investigation of aerial images prepared by Uniti Fiber Network Map (App) with ArcGIS Web AppBuilder, potential conflicts have been identified concerning Uniti Fiber LLC's fiber infrastructure along the project corridor as follows:

- An ISP underground fiber cable owned by Tower Cloud is located along SW 20th St. that leads towards I-75 and turns eastward along I-75 within the vicinity of the I-75 right of way. This location presents a possible conflict. It is important to emphasize that the project area along I-75 reaches an interchange (bridge) at this location, and the construction of the proposed additional lane may not have an impact on SW 20th St.
- Another underground fiber cable owned by Tower Cloud is situated at NW 10th St. However, it appears that this cable is not within the I-75 right of way and may not be impacted by the proposed Auxiliary Lanes Alternative.

These detailed assessments provide insights into potential conflict areas and ownership information, facilitating a comprehensive understanding of the impact of the proposed alternative on Uniti Fiber LLC's fiber infrastructure. For further details on these utilities, please refer to Attachment B for aerial images extracted by Uniti Fiber Network Map.

2.3.15 Traffic Control Devices, Inc. (Electric, Fiber)

To be added...!

2.3.16 TECO Peoples Gas (Gas, Natural Gas)

To be added...!

2.4 Potential Utility Impacts

Utilities within the project limits and utility contacts were previously identified in Section 2.2 of this report. The majority of the utilities including aerial and/ or buried power, telephone, cable and fiber optic lines are located within the existing right of way by permit. Depending on their location and depth, improvements associated with the construction of the preferred alternative

may require adjustment of some of these facilities. The preferred alternative was designed to avoid impacts to existing utilities located within easements to the maximum extent practicable.

The proposed improvements may potentially impact several of the power transmission poles and lighting poles in this area. Reimbursement costs are dependent on the size and quantity of structures impacted. The extent of utility impacts will be determined during the design phase of the project. Further coordination with utility owners during design and construction phase will be required to determine the need for potential relocation or replacement of any utilities that are against the proposed design and to assist in minimizing impacts.

Appendices

Appendix ASunshine811 Tickets

Ticket : 133202204 Rev:000 Taken: 05/13/22 10:14ET

State: FL Cnty: MARION GeoPlace: OCALA
CallerPlace: OCALA
Subdivision:

Address :
Street : I 75
Cross 1 : SR 200
Within 1/4 mile: Y
Cross 2 : MARION ALACHUA COUNTY LINE

Locat: LOCATE ALONG I-75 FROM SR 200 TO THE MARION/ALACHUA COUNTY LINE

Remarks : 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	: 2909A8211D	2909B8211D	2909C8211D	2909D8211D	2910A8211D
Grids	: 2910B8211D	2910C8211D	2910D8211D	2911A8211D	2911B8211D
Grids	: 2911C8211D	2911D8211D	2912A8211D	2912B8211D	2912C8211D
Grids	: 2912D8211D	2913A8211C	2913A8211D	2913B8211C	2913B8211D
Grids	: 2913C8211D	2913D8211D	2914A8211C	2914B8211C	2914C8211C
Grids	: 2914D8211C	2915A8211B	2915A8211C	2915B8211B	2915B8211C
Grids	: 2915C8211C	2915D8211C	2916A8211A	2916B8211A	2916B8211B
Grids	: 2916C8211A	2916C8211B	2916D8211B	2917A8212C	2917A8212D
Grids	: 2917B8212C	2917B8212D	2917C8212D	2917D8211A	2917D8212D
Grids	: 2918A8212B	2918B8212B	2918B8212C	2918C8212B	2918C8212C
Grids	: 2918D8212C	2919A8212A	2919B8212A	2919B8212B	2919C8212A
Grids	: 2919C8212B	2919D8212B	2920A8213D	2920B8213D	2920C8212A
Grids	: 2920C8213D	2920D8212A	2920D8213D	2921A8213B	2921A8213C
Grids	: 2921B8213B	2921B8213C	2921C8213C	2921C8213D	2921D8213C
Grids	: 2921D8213D	2922A8213A	2922A8214D	2922B8213A	2922C8213A
Grids	: 2922C8213B	2922D8213B	2923A8214B	2923A8214C	2923B8214C
Grids	: 2923C8214C	2923C8214D	2923D8214D	2924A8215C	2924A8215D
Grids	: 2924B8214A	2924B8215D	2924C8214A	2924C8214B	2924D8214A
Grids	: 2924D8214B	2925A8215A	2925A8215B	2925B8215A	2925B8215B
Grids	: 2925C8215B	2925C8215C	2925D8215B	2925D8215C	2925D8215D
Grids	: 2926A8215A	2926A8216D	2926B8215A	2926B8216D	2926C8215A
Grids	: 2926D8215A	2927A8216C	2927B8216C	2927B8216D	2927C8216C
Grids	: 2927C8216D	2927D8216D	2928A8216A	2928A8217D	2928B8216A
Grids	: 2928B8216B	2928B8217D	2928C8216A	2928C8216B	2928C8216C
Grids	: 2928D8216B	2928D8216C	2929D8217D		

Work date: 05/13/22 Time: 10:06ET Hrs notc: 000 Category: 6 Duration: UNKNOWN
Due Date : 05/17/22 Time: 23:59ET Exp Date : 06/13/22 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 : STANTEC Type: OTHR
Co addr : 777 S HARBOR ISLAND BLVD
Co addr2: SUITE 600
City : TAMPA State: FL Zip: 33602
Caller : JODI RANO Phone: 813-223-9500
Contact : DESIGN Phone:

BestTime: 8 - 5

Fax : 813-223-0009

Email : JODI.RANO@STANTEC.COM

Submitted: 05/13/22 10:14ET Oper: JOD Chan: WEB

Mbrs : AT1138 ATTF01 CLAY05 CNTL01 C02143 C00593 COX02 FGT10 FPC280 FWS01

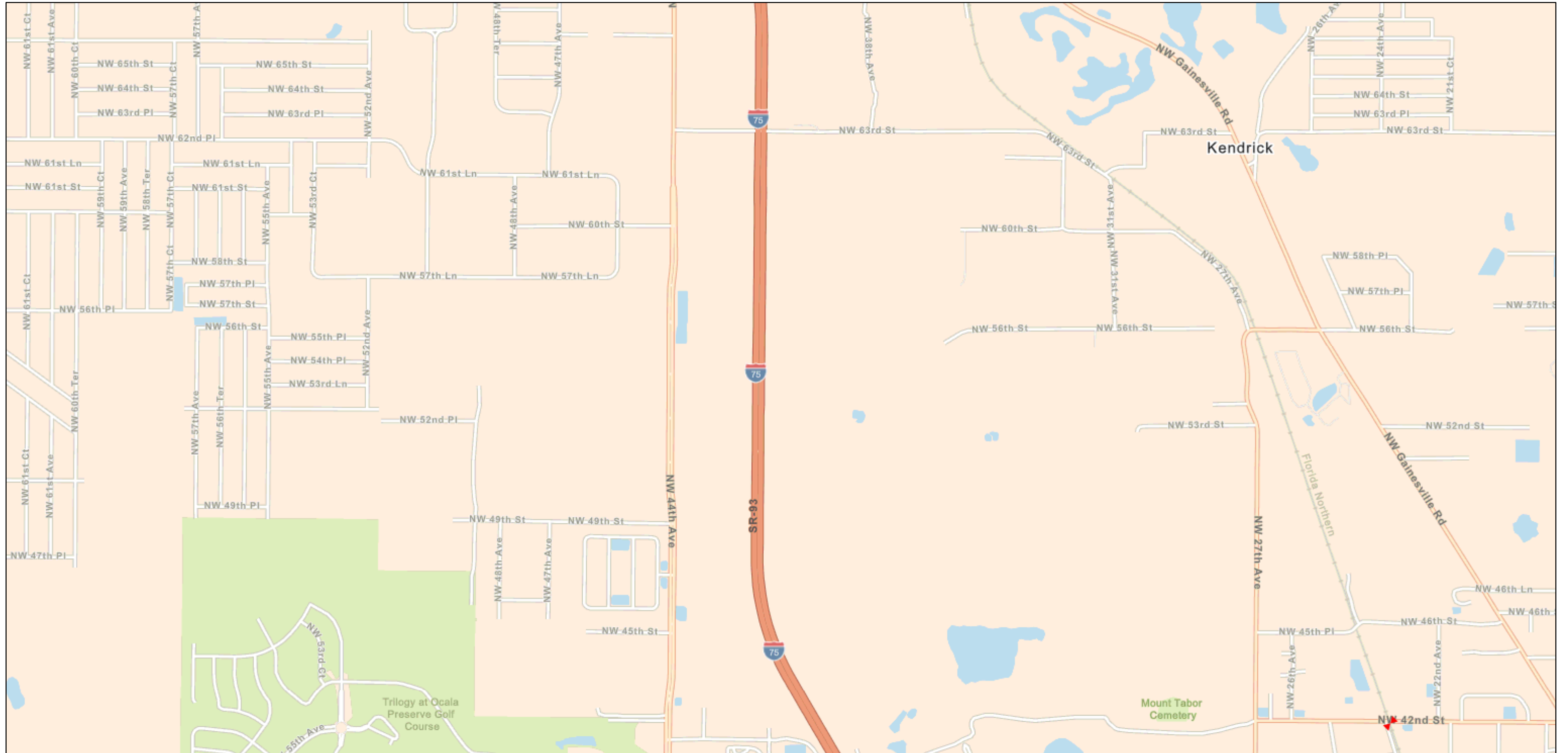
Mbrs : OEU503 PE1741 SBF09 SL1086 TC2046 WFG361

* Responses are current as of 05/13/2022 10:31 AM

<u>Ex. Circum</u>	<u>Service Area</u>	<u>Utility Type(s)</u>	<u>Contact</u>	<u>Alternate Contact</u>	<u>Emergency Contact</u>	<u>Positive Response</u>
No	WINDSTREAM COMMUNICATION AT1138	TELEPHONE	LOCATE DESK (800) 289-1901		LOCATE DESK (800) 289-1901	
No	AT T ATTF01 AT&T Corp.	COMMUNICATION LINES, FIBER	KEVIN TALECKI / MIKE GAMBOA (610) 200-3365	THE NATIONAL DISPATCH CENTER (866) 460-6324 x5	THE NATIONAL DISPATCH CENTER (866) 460-6324 x5	
No	CLAY ELECTRIC GAINESVILLE DISTRICT CLAY05	ELECTRIC	QUINTON HOWE (352) 337-8115 x6215		DREW WILLIAMS (352) 337-8109 x6209	
No	CENTURYLINK CNTL01	FIBER, TELEPHONE	BILL MCCLLOUD (850) 599-1444	RYAN EGAN (918) 547-0063	CABLE PROTECTION CENTER (877) 366-8344 x3	
No	CITY OF OCALA TELECOMMUNICAT CO2143	FIBER	OSHA NE PARKER (352) 401-6950	JASON COHEN (352) 401-3999	JASON COHEN (352) 401-3999	
No	CITY OF OCALA, WATER AND SEWER DEPARTMENT COO593	SEWER, WATER	MR STACEY FERRANTE (352) 351-6775		MR STACEY FERRANTE (352) 351-6775	
No	COX CABLE -- MARION COX02	CATV	TODD ARDOIN (337) 281-9889	USIC DISPATCH (800) 778-9140	SYSTEM OPERATIONS CENTER (SOC) (866) 396-4925	
No	FLA. GAS TRANS.- SILVER SPRINGS FGT10	GAS	JOSEPH E. SANCHEZ (407) 838-7171	TROY WEAVER (352) 598-7962	KEN GRAHAM (850) 350-5519	
No	DUKE ENERGY - OCALA FPC280	ELECTRIC Distribution & Transmission	DUKE'S CUSTOMER SERVICE CENTER (407) 629-1010	USIC DISPATCH (800) 778-9140	DUKE'S CUSTOMER SERVICE CENTER (407) 629-1010	
No	MARION COUNTY UTILITIES FWS01		CARRIE HYDE	JOSH KRAMER (352) 438-2383	JOSH KRAMER (352) 438-2383	
No	OCALA ELECTRIC UTILITY OEU503	ELECTRIC	RANDY HAHN (352) 351-6615		SYSTEM CONTROL CENTER (352) 351-6666	
No	DUKE ENERGY PE1741	FIBER	MARK HURST (727) 820-5208	USIC CHAD LAYMAN (317) 575-7804	MARK HURST (727) 820-5208	
No	A T & T/ DISTRIBUTION SBF09	TELEPHONE	DINO FARRUGGIO (561) 683-2729		DINO FARRUGGIO (561) 683-2729	
No	UNITI FIBER LLC SL1086	FIBER	CHARLIE CROFT (251) 214-7059		NOC UNITI FIBER (877) 652-2321	
No	TRAFFIC CONTROL DEVICES, INC. TC2046	ELECTRIC, FIBER	DAVID NAGESSAR (904) 693-9254	LARRY TAYLOR (904) 693-9254	DAVID NAGESSAR (904) 693-9254	
No	TECO PEOPLES GAS- OCALA WFG361	GAS, NATURAL GAS	JOAN DOMNING (813) 275-3783		TECO-PEOPLES GAS CUSTOMER SERVICE (813) 832-6747	

Appendix B Utility Owners' Markups/ Plans

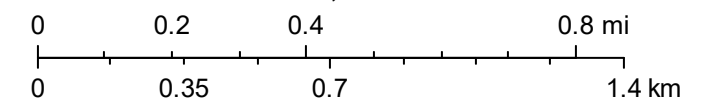
I-75 Ocala, FL



6/9/2022, 12:08:13 PM

1:18,056

- | | | | | | |
|--|------------------|--|---------------------|--|---------------------------|
| | Maintenance Loop | | EarthLink Fiber | | Windstream Copper Conduit |
| | Manhole | | Aerial | | Aerial |
| | Handhole | | Buried | | Buried |
| | Vault | | Aerial | | Aerial |
| | Fiber Splices | | Buried | | Buried |
| | | | Third Party Conduit | | |



Utility Owner: Windstream Communications



Engineering Office – Orlando

6000 Metro West Blvd.
Suite 201
Orlando, FL 32835-7631
Phone: (407) 578-8000
Fax: (407) 578-7300
Email: swagner@pea-inc.net

June 10, 2022

Stantec
Attn: Rose Soto
300 Primera Blvd., Suite 300
Lake Mary, FL 32746
(407) 585-0157

**RE: I-75 Master Plan Project
Ocala, FL
Marion County**

AT&T Corp Long Lines (Transmission) maintains a high-capacity fiber optic cable within the above project limits. Based on Goggle overview received on 06/10/2022 detailed plans will be necessary to determine any or no conflict with proposed construction at this time. Please send updated plans to this office as they become available. If you have any questions, please call this office at (407) 578-8000.

• All correspondence and coordination herein are with regards to att Corp. (Transmission) which is not responsible for facilities owned and managed by Trans Connectivity Group (TCG), LLC d/b/a TCA. Any questions, inquiries, and/or clarifications with regards to TCA facilities should be addressed to FL-RELOCATIONS@treccgroup.com.

Sincerely,

Kenneth S. Wagner
Assistant Engineer
Representing AT&T, Inc.

KSW

Cc: G. Jacobson (AT&T)
File: 22-01-001

Attention: The information contained in this E-mail message is privileged and confidential information intended only for the use of the individual(s) named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please contact the sender by reply E-mail and destroy all copies of the original message. Thank you.

Orlando, FL

Steve Eriksson

From: Craig Petrie
Sent: Friday, June 10, 2022 2:43 PM
To: Steve Eriksson; Kerdid Mann
Subject: FW: [EXTERNAL] I-75 Master Plan Project
Attachments: I-75 North Mainline Option 4.kmz

Importance: High

Process for response please.

From: Nina Weiss <nweiss@sdt-1.com>
Sent: Friday, June 10, 2022 2:23 PM
To: Craig Petrie <CPetrie@pea-inc.com>
Cc: martin@trecegroup.com; Steven Hamer <shamer@sdt-1.com>; Michael Gamboa <mgamboa@sdt-1.com>; Slade Hutchinson <shutchinson@sdt-1.com>
Subject: FW: [EXTERNAL] I-75 Master Plan Project
Importance: High

Good afternoon Craig,

This project starts in Ocala going north on I-75. I think it is your territory.

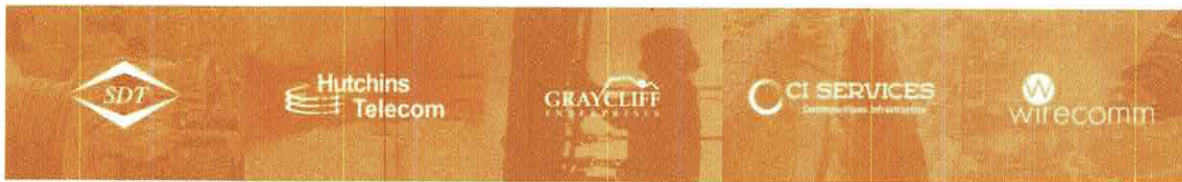
Thank you,



Proud Members of the UniTek Family

Nina Weiss
Inspector

SDT Solutions, LLC
2901 W. Busch Blvd, Suite 711, Tampa, FL 33618
Office: 813-888-8300 x203
www.unitekglobalservices.com



Important: Neither UniTek Global Services, Inc. nor its affiliates (together, "UniTek"), wish to receive, on a non-solicited basis, directly or indirectly, any non-public information related to any public issuer. Additionally, this e-mail may contain information that is confidential, privileged or otherwise protected from disclosure. If you are not an intended recipient of this e-mail, do not duplicate or redistribute it by any means. Please delete it and any attachments and notify the sender that you have received it in error. Unintended recipients are prohibited from taking action on the basis of information in this e-mail. UniTek reserves the right, to the extent and under circumstances permitted by applicable law, to review, retain, monitor and intercept e-mail messages to and from its systems. UniTek may also retain and reproduce electronic messages for state, federal, or other regulatory agencies as required by applicable law.

From: SHAW, MARTIN <martin@trecegroup.com>
Sent: Friday, June 10, 2022 2:06 PM

To: Nina Weiss <nweiss@sdt-1.com>
Subject: Fw: [EXTERNAL] I-75 Master Plan Project
Importance: High

Nina,

Please see attached.



Martin Shaw Engineer

Office: 610.328.6465 (Ext. 242)

Cell: 610.513.7050

Fax: 610.328.3716

www.trecgroup.com

From: Soto, Rose <Rose.Soto@stantec.com>
Sent: Friday, June 10, 2022 2:03 PM
To: SHAW, MARTIN
Cc: Soto, Rose
Subject: [EXTERNAL] I-75 Master Plan Project

Martin,

Thank you for taking the time to speak with me yesterday regarding Stantec's I-75 Master Plan Project.

As mentioned, this is a project that Stantec is working on with the Department of Transportation. The reason for my call was to request information in the form of maps or drawings that would assist us in determining what utilities currently run

in the areas of SR 200 - CR 234 (Ocala, FL) which is where our project is taking place. I have attached a file with drawings noting what our plans are. (Please pass this along to the appropriate point of contact.)

We would also appreciate any input or suggestions of improvement that would help in the development of this lane expansion project.

Thank you in advance,

Rose Soto

Administrative Assistant

Direct: (407) 585-0157

rose.soto@stantec.com

Stantec
300 Primera Blvd., Suite 300

Lake Mary, FL 32746-2145



Better Together, Even If We're Apart. [Read more](#) about Stantec's COVID-19 response, including remote working and business continuity measures.

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.

CAUTION: This email appears to have originated from outside the Organization. Please Do Not click on links or open attachments if the request seems suspicious.

Untitled Map

Write a description for your map.

Legend

Ocala Palms Golf

FedEx Ocala/und

Lillian Bryant Park

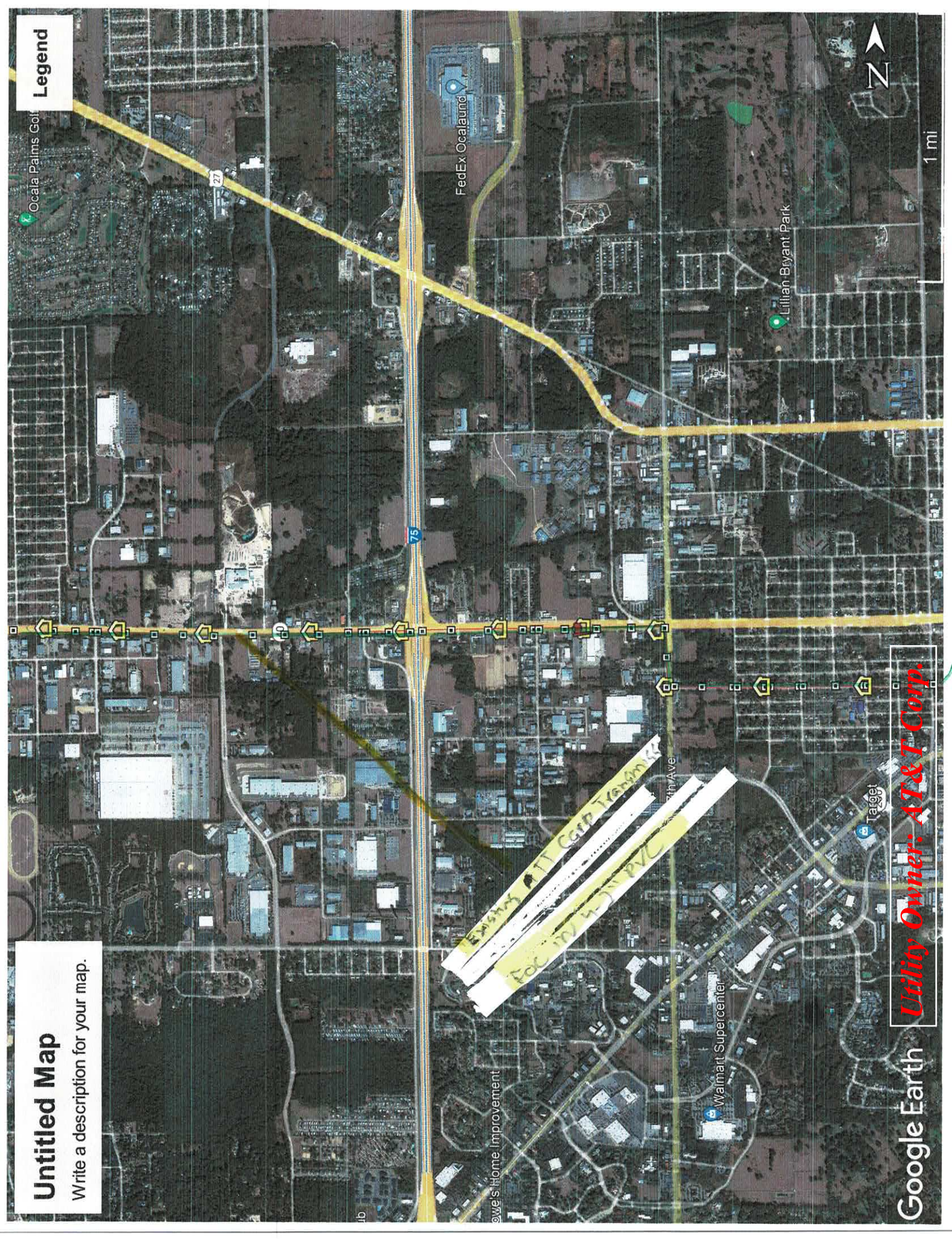


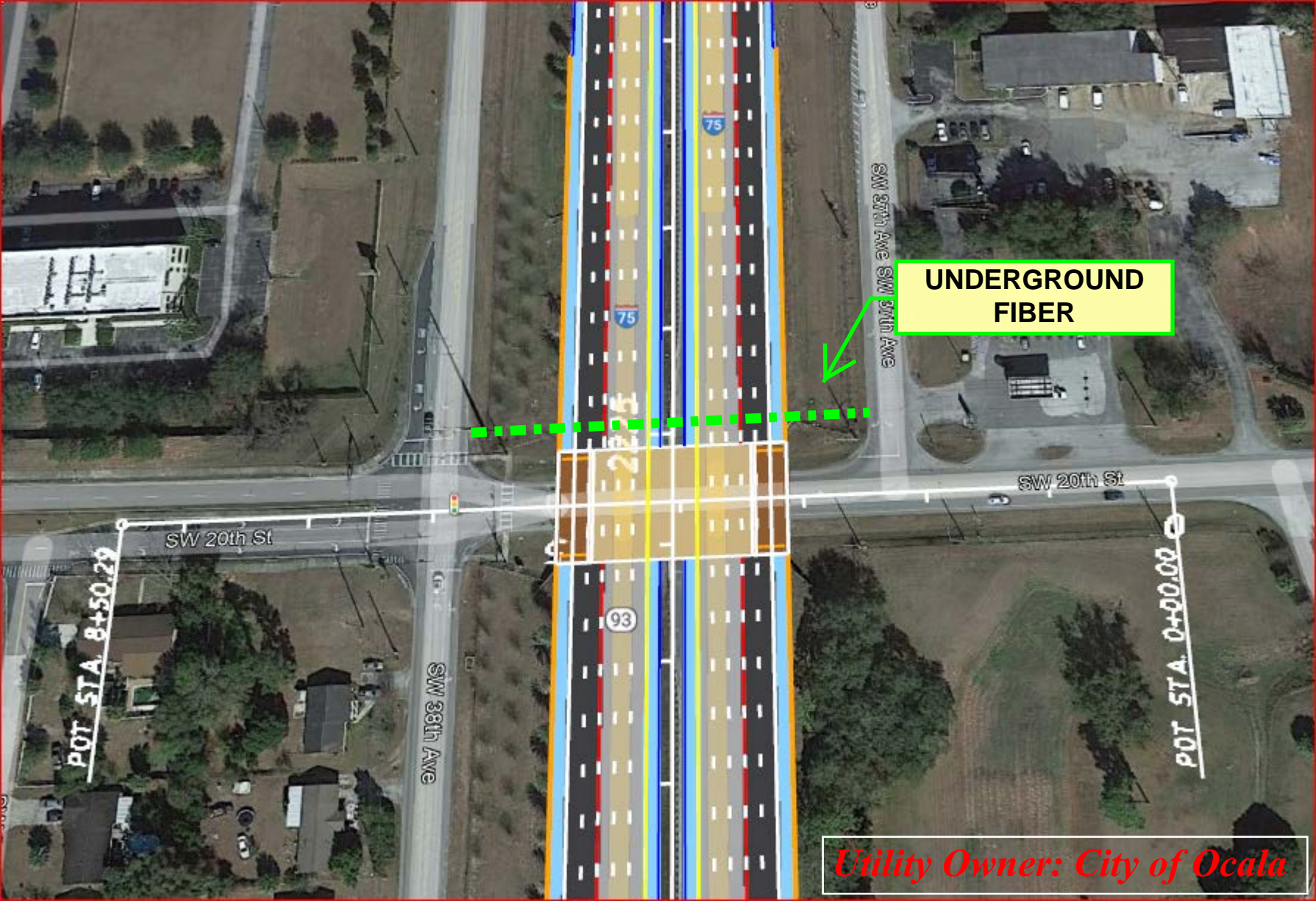
1 mi

Existing AT&T Corp. Work Area
For 12/14/2014 PVL

Utility Owner: AT&T Corp.

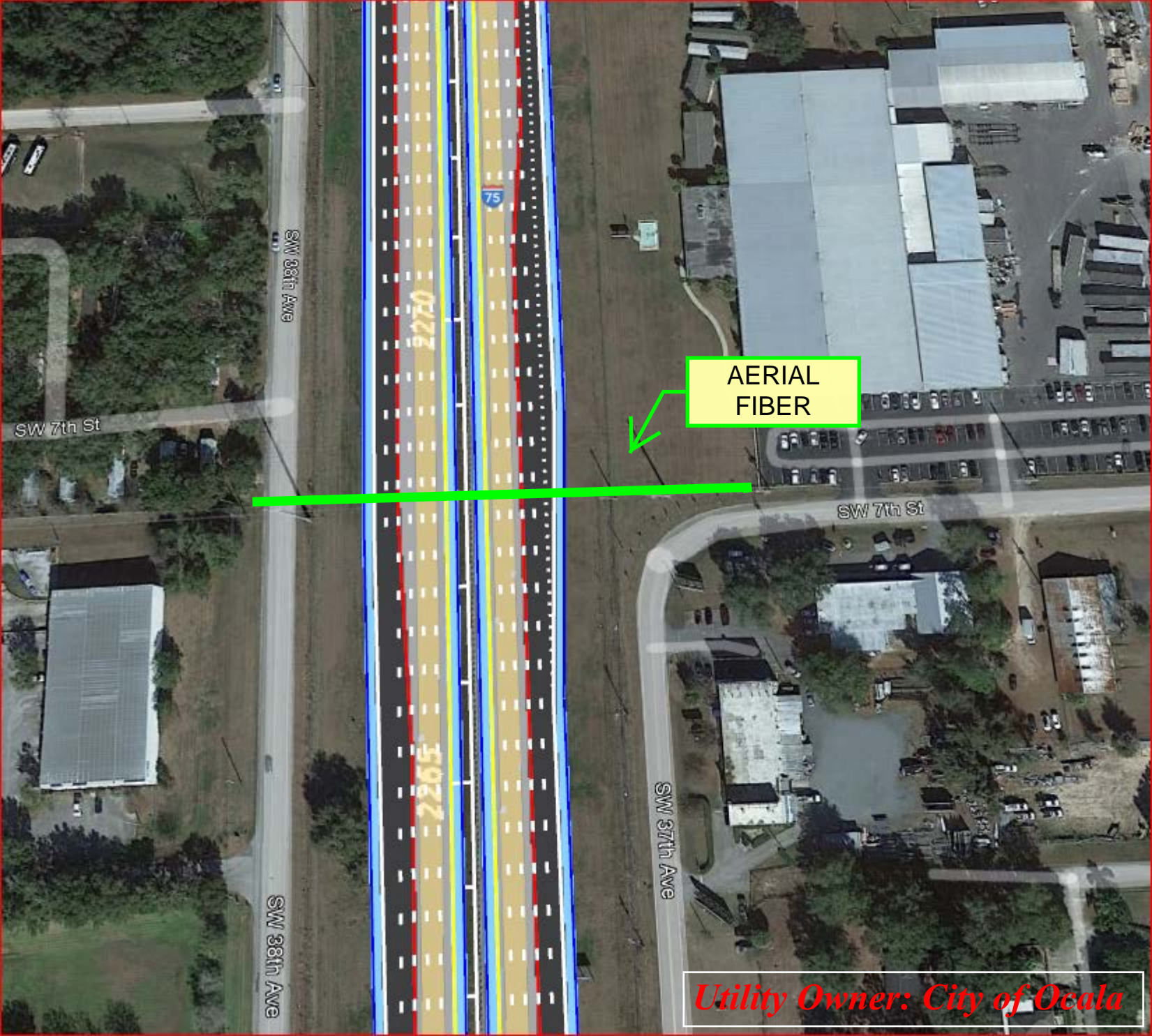
Google Earth





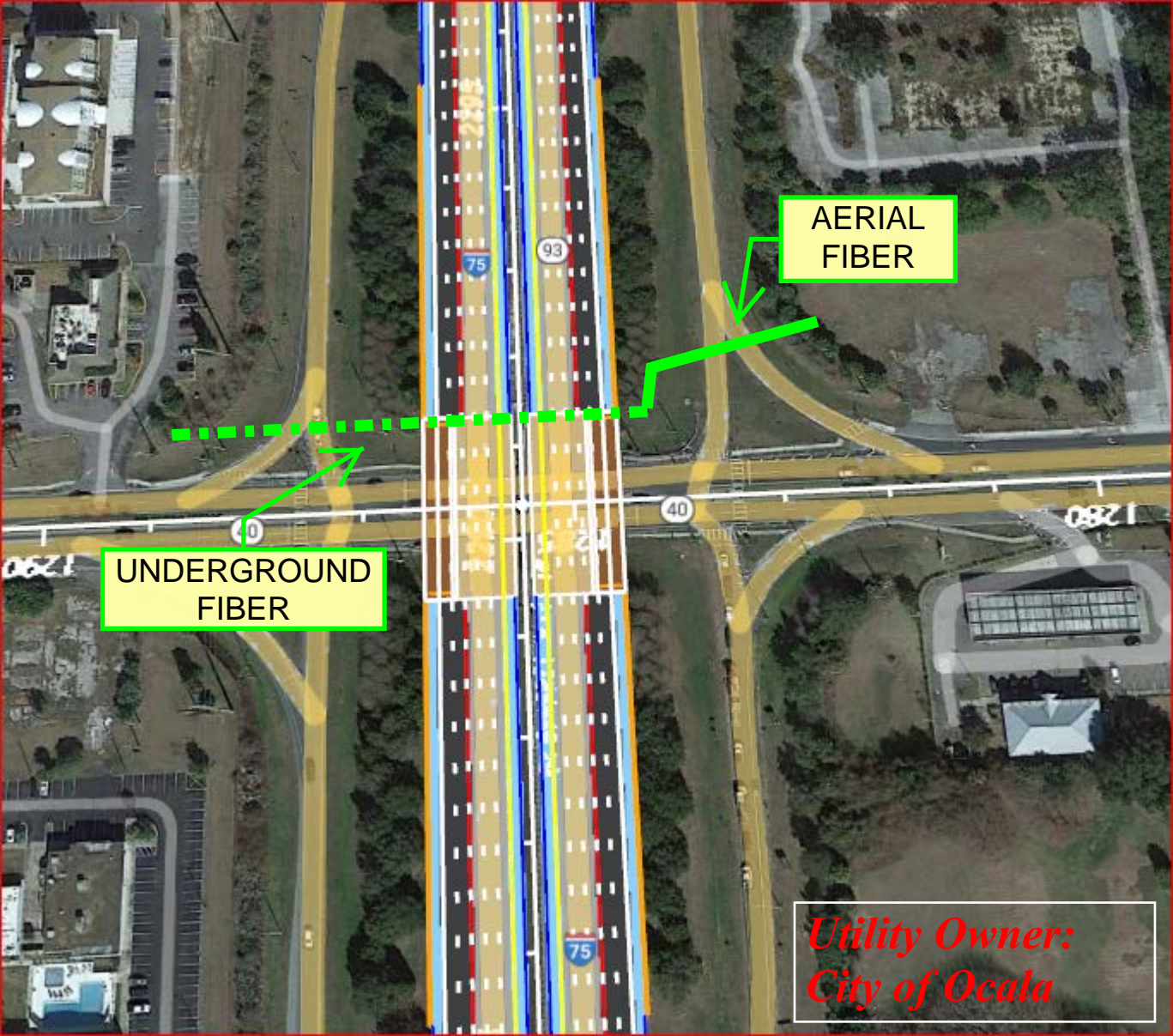
**UNDERGROUND
FIBER**

Utility Owner: City of Ocala



AERIAL
FIBER

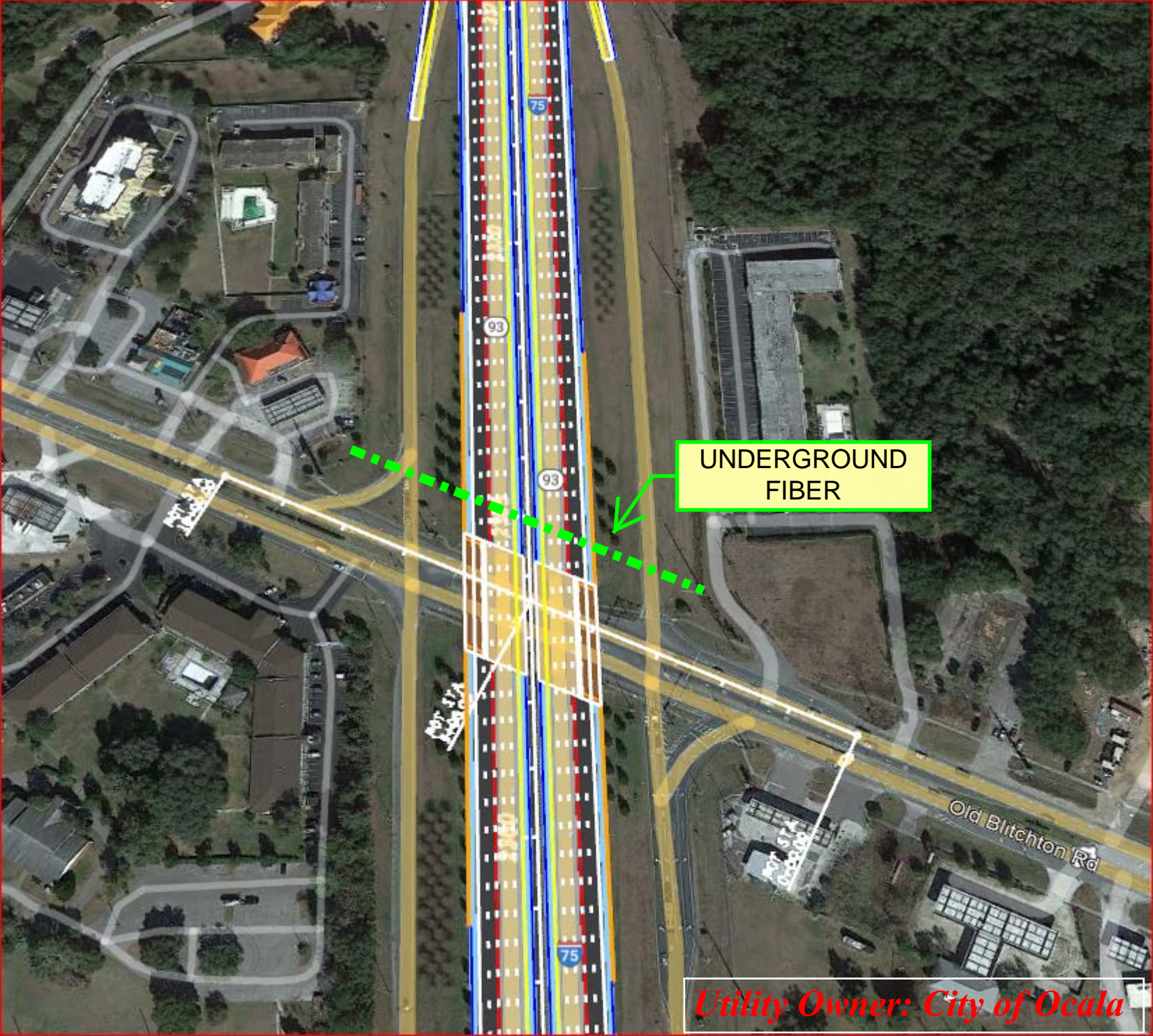
Utility Owner: City of Ocala



UNDERGROUND FIBER

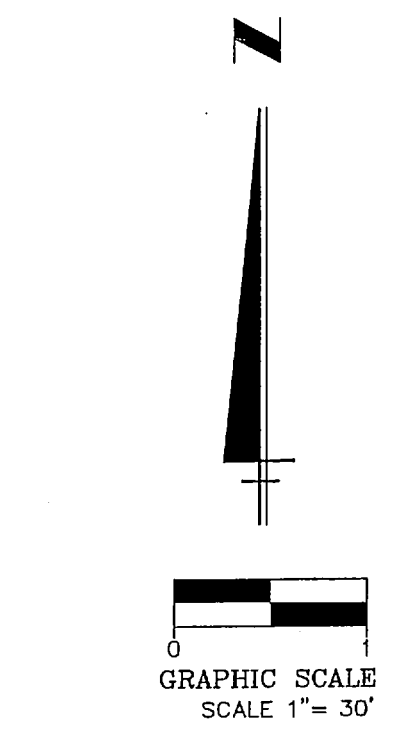
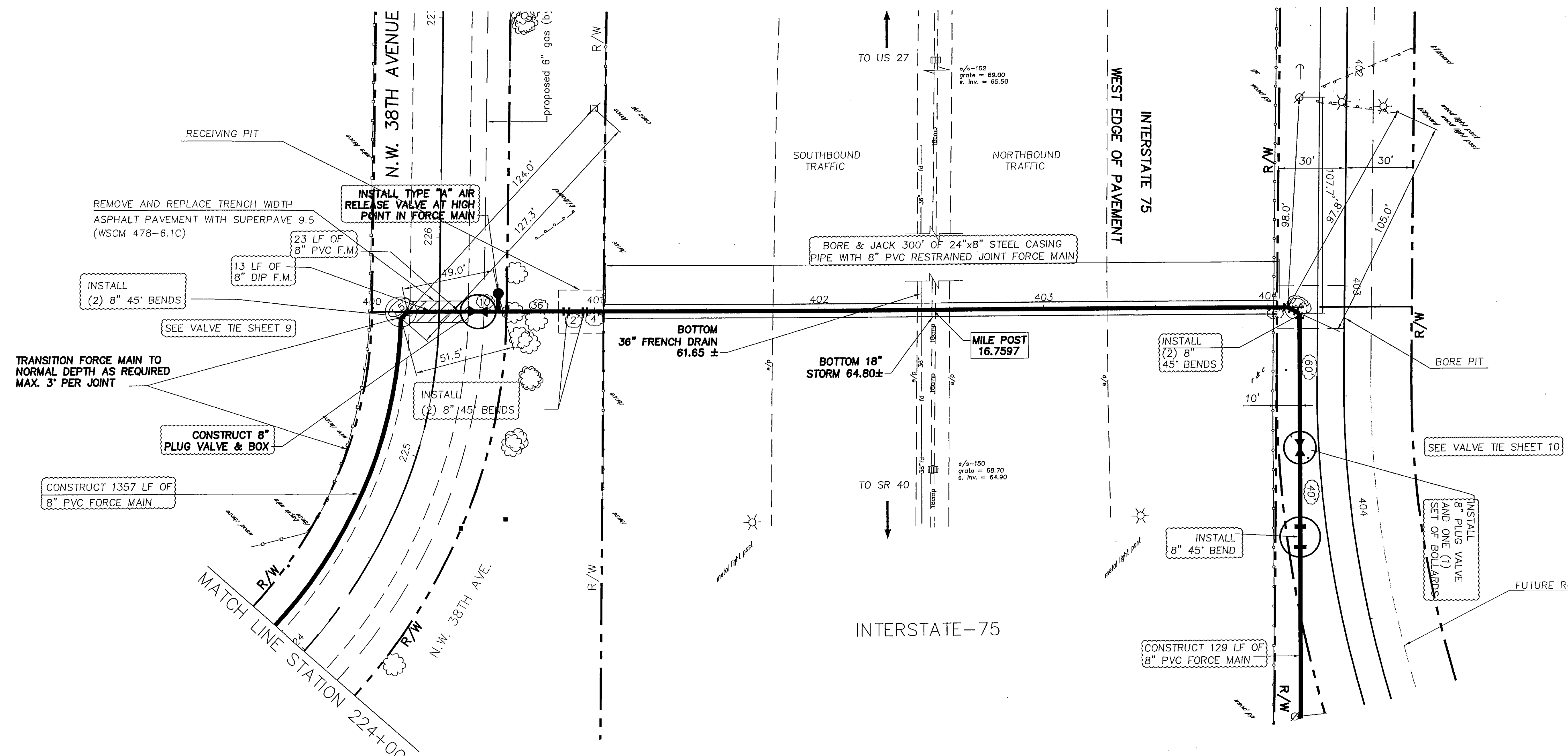
AERIAL FIBER

*Utility Owner:
City of Ocala*

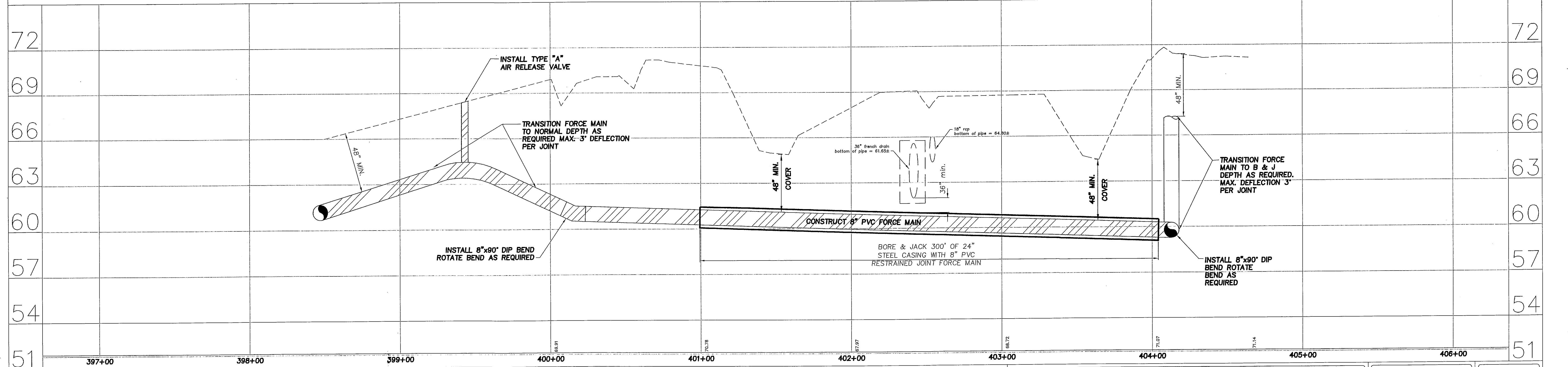


UNDERGROUND
FIBER

Utility Owner: City of Ocala



"AS-BUILT SURVEY"
 ○ = AS-BUILT



7			
6			
5			
4			
3			
2			
1	11/7/06	ADDED UTILITY LOCATIONS	BY
	NO.	DATE	REVISIONS

DRAWN BY:	JCH/PLB
DESIGNED BY:	JMG
HORIZ.:	1"=30'
VERT.:	1"=3'

PROJ. #	06310\03304\03304004
F.B. #	
FILE #	PD5-19
LAST-CHG.	3-26-06

PREPARED BY THE
CITY OF OCALA
 ENGINEERING DEPARTMENT

LIFT STATION IMPROVEMENT PROGRAM FOR
 LIFT STATIONS #7, 19, 49, 63 & 89

LIFT STATION #89 FORCE MAIN
 EASEMENT UNDER I-75

EDWARD TAYLOR EARNEST, P.E.
 PROFESSIONAL ENGINEER NO. 45859
 STATE OF FLORIDA DATE
 VALID ONLY WITH EMBOSSED SEAL

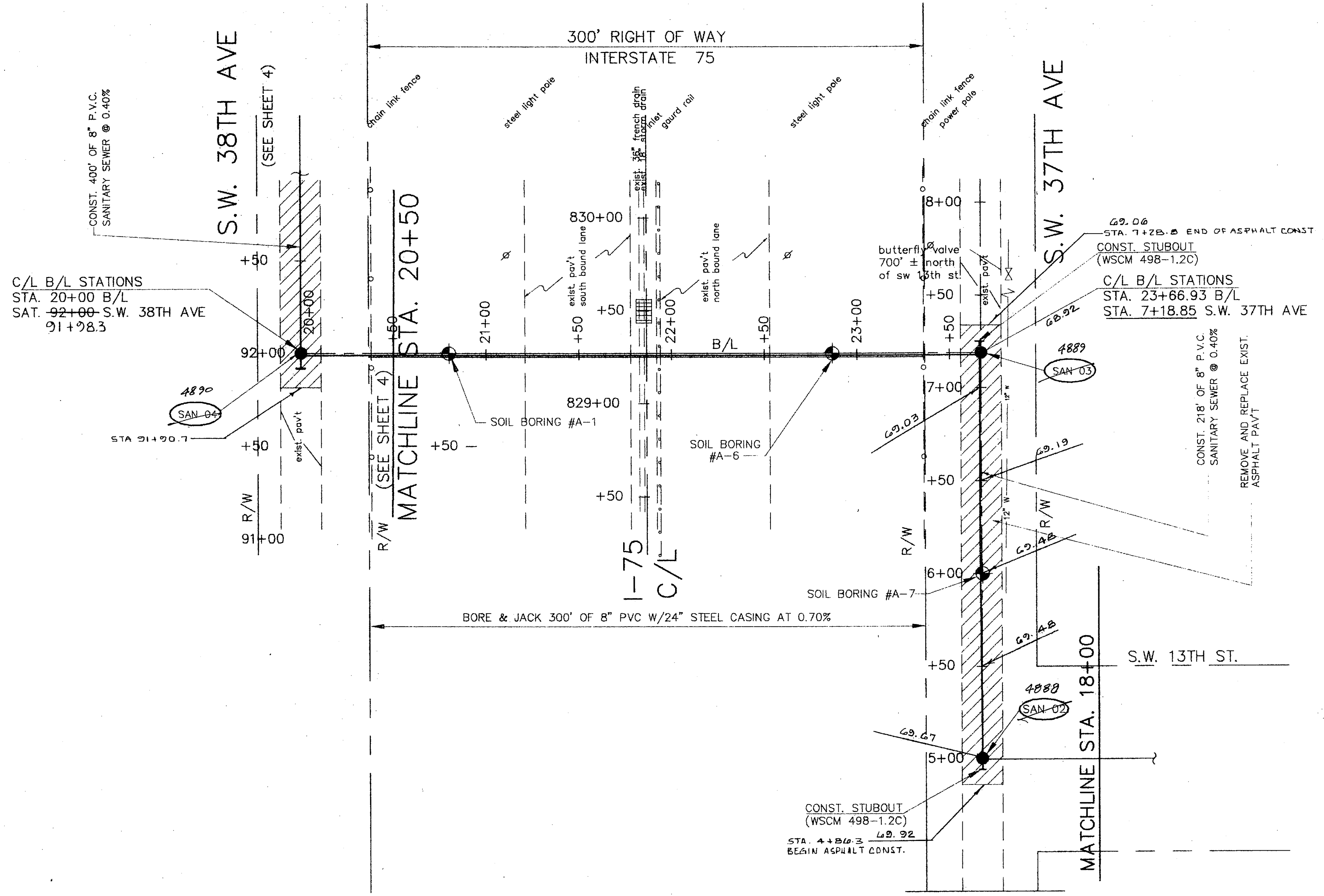
SHEET
 22
 OF
 29

PREPARED BY THE CITY OF OCALA
ENGINEERING DEPARTMENT.

S.W. 38TH AVE
UTILITY EXPANSION
PLAN & PROFILE
I-75 STA. 20+00 TO 24+00

DRAWN	HAR	SCALE
DESIGNED	HAR	HORIZONTAL 1" = 40'
CHECKED		VERTICAL 1" = 4'
		DATE APRIL 24, 1996

NO.	REVISIONS	DATE
1.		
2.		



SOIL BORING LEGEND

- TAN TO DARK GREY SILTY SAND
- GREY SANDY CLAY
- BROWN AND GREY SLIGHTLY CLAYEY TO CLAYEY SAND
- BROWN & GREY SLIGHTLY CLAYEY TO CLAYEY SAND

BENCH MARK DATA

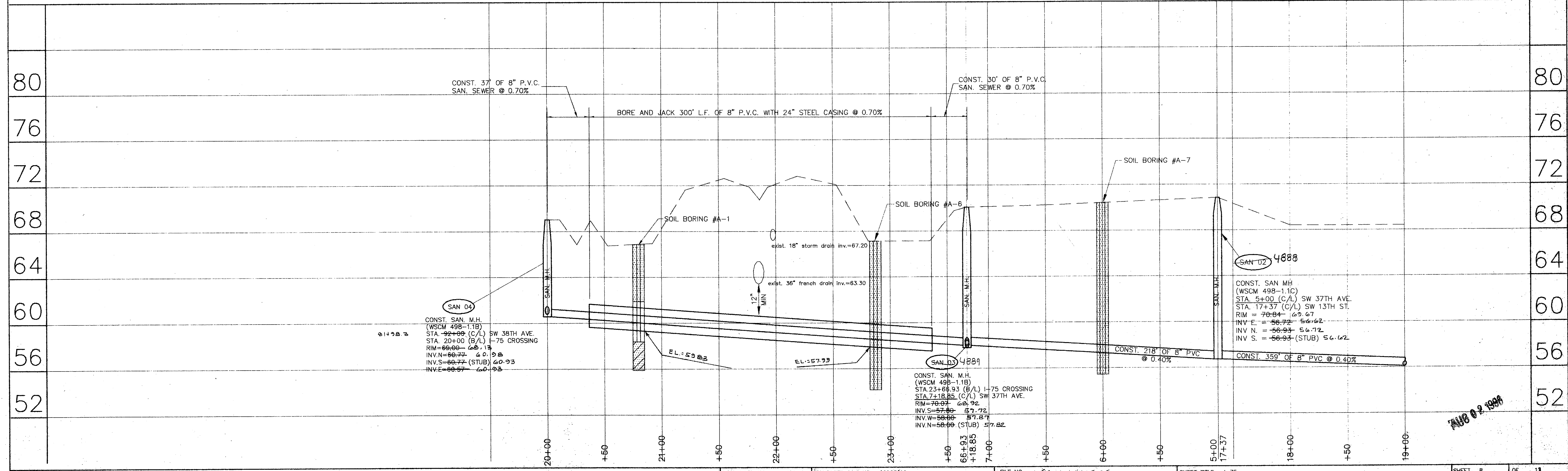
TBM # 456-1
ELEV. = 78.83

BRIDGE SPIKE ON EAST FACE OF P.P. # L-1229 @ S.W. 38TH AVE., NORTH OF S.W. 20TH ST.

BENCH MARK DATA

TBM # 456-2A
ELEV. = ~~69.69~~ 69.82

BRIDGE SPIKE ON EAST FACE OF P.P. # L-1251 @ S.W. 38TH AVE., NORTH OF S.W. 20TH ST.

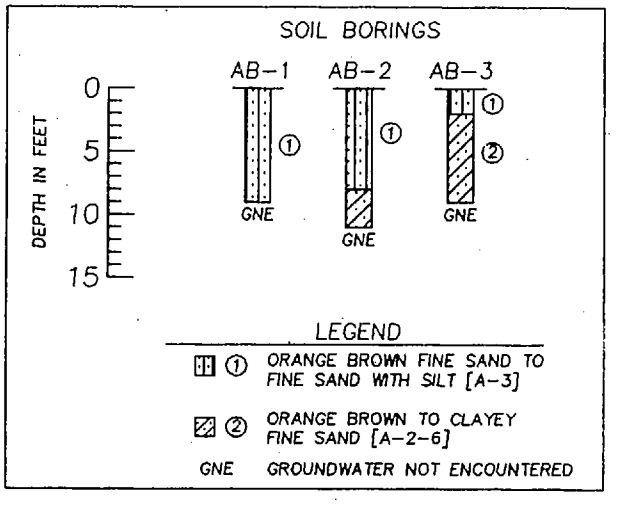
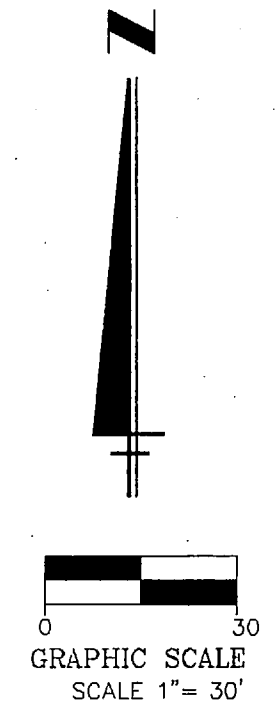
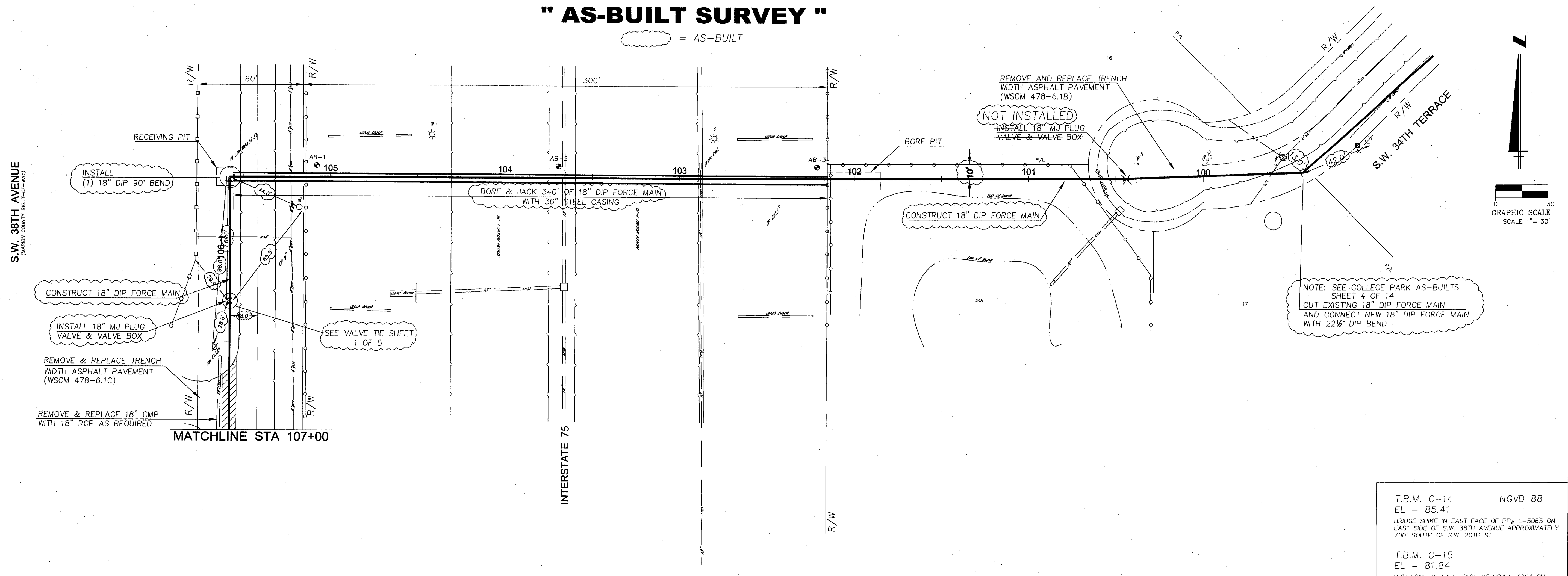


AUG 02 1996

"AS-BUILTS"

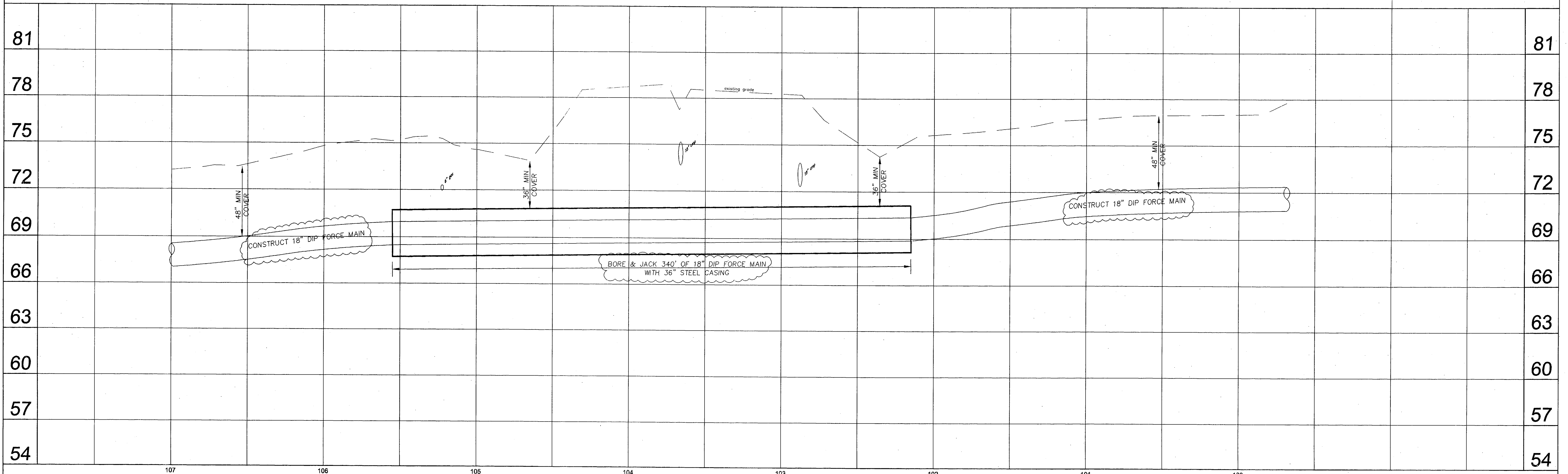
" AS-BUILT SURVEY "

☁ = AS-BUILT

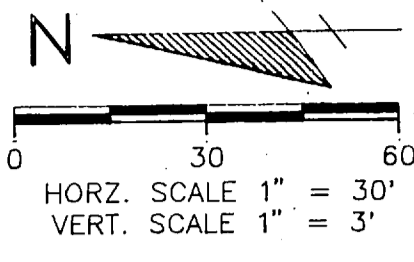


NOTE: SEE COLLEGE PARK AS-BUILTS SHEET 4 OF 14
CUT EXISTING 18" DIP FORCE MAIN AND CONNECT NEW 18" DIP FORCE MAIN WITH 22 1/2' DIP BEND

T.B.M. C-14 NGVD 88
EL = 85.41
BRIDGE SPIKE IN EAST FACE OF PP# L-5065 ON EAST SIDE OF S.W. 38TH AVENUE APPROXIMATELY 700' SOUTH OF S.W. 20TH ST.
T.B.M. C-15
EL = 81.84
R/R SPIKE IN EAST FACE OF PP# L-1324 ON S.W. 38TH AVENUE APPROXIMATELY 700' NORTH OF S.W. 28TH PLACE.



WATER & SEWER UTILITIES DIVISION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>7</td><td></td></tr> <tr><td>6</td><td></td></tr> <tr><td>5</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>1</td><td>7/7/19</td></tr> <tr><td>NO.</td><td>DATE</td></tr> </table>	7		6		5		4		3		2		1	7/7/19	NO.	DATE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>ADDED SOIL BORINGS</td><td></td></tr> <tr><td>REVISIONS</td><td></td></tr> </table>	ADDED SOIL BORINGS		REVISIONS		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DRAWN</td><td>JCH</td><td>SCALE</td><td></td></tr> <tr><td>DESIGNED</td><td>JCH</td><td>HORIZONTAL</td><td>1"=30'</td></tr> <tr><td>CHECKED</td><td>JMG</td><td>VERTICAL</td><td>1"=3'</td></tr> <tr><td>CHECKED</td><td>ETE</td><td>DATE</td><td>7-19-01</td></tr> <tr><td>FIELD BK:</td><td>504</td><td></td><td></td></tr> <tr><td>FILE NO:</td><td></td><td>COMP NO:</td><td>01307008</td></tr> </table>	DRAWN	JCH	SCALE		DESIGNED	JCH	HORIZONTAL	1"=30'	CHECKED	JMG	VERTICAL	1"=3'	CHECKED	ETE	DATE	7-19-01	FIELD BK:	504			FILE NO:		COMP NO:	01307008	<p>PREPARED BY THE CITY OF OCALA ENGINEERING DEPARTMENT</p>	<p>LIFT STATION 91 IMPROVEMENTS</p>	<p>18" FORCE MAIN STA 100+00 - STA 107+00</p>	<p>SHEET 8 OF 25</p>
7																																																			
6																																																			
5																																																			
4																																																			
3																																																			
2																																																			
1	7/7/19																																																		
NO.	DATE																																																		
ADDED SOIL BORINGS																																																			
REVISIONS																																																			
DRAWN	JCH	SCALE																																																	
DESIGNED	JCH	HORIZONTAL	1"=30'																																																
CHECKED	JMG	VERTICAL	1"=3'																																																
CHECKED	ETE	DATE	7-19-01																																																
FIELD BK:	504																																																		
FILE NO:		COMP NO:	01307008																																																

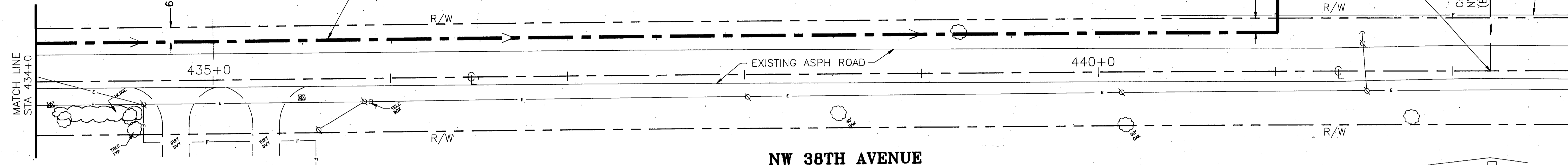


INTERSTATE 75

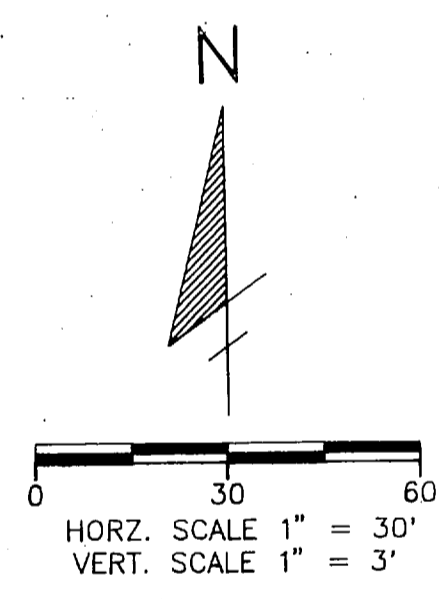
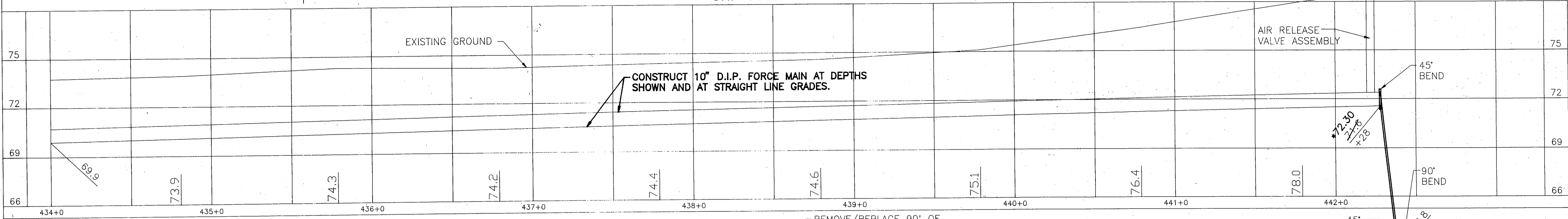
CONSTRUCT 10" D.I.P. FORCE MAIN

* INDICATES ASBUILT

STA 442+21.32 NW 38TH AVENUE
 STA 500+00.00 NW 10TH STREET
 CENTERLINE NW 10TH STREET (EXTENDED)
 REMOVE/REPLACE 70' OF EXISTING HOG WIRE FENCE



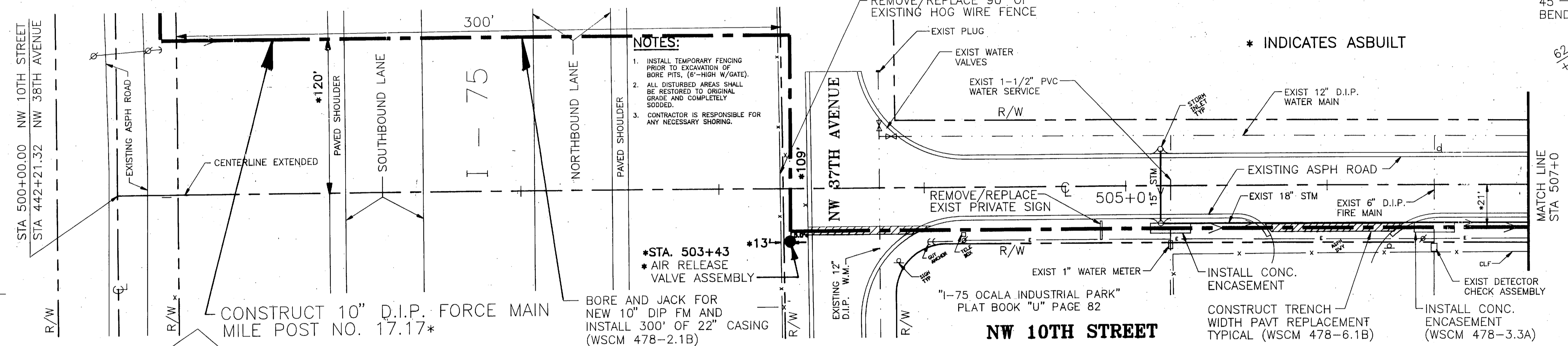
NW 38TH AVENUE



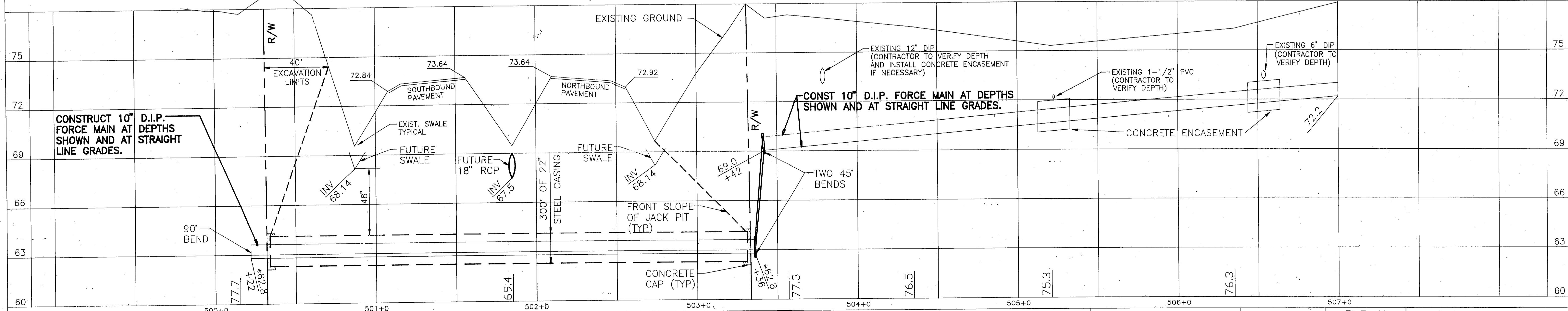
- NOTES:**
1. INSTALL TEMPORARY FENCING PRIOR TO EXCAVATION OF BORE PITS. (6'-HIGH W/GATE).
 2. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL GRADE AND COMPLETELY SODDED.
 3. CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY SHORING.

* INDICATES ASBUILT

- SOIL BORINGS: I-75**
- NOTES:**
1. TESTS PERFORMED ON 3-12-93
 2. WATER TABLE NOT ENCOUNTERED
- TEST HOLE #1**
- 00'-12" BROWN SAND (SP)
 - 12'-24" GRAY PLASTIC CLAY (CH)
 - 24'-30" RED & YELLOW SANDY CLAY LDAM (CL-SM)
 - 30'-48" RED & YELLOW SANDY CLAY (CL)
 - BROWN SANDY LDAM (CL-SM)
 - 48'-101' YELLOW SANDY CLAY (CL)
 - 101' LIME ROCK (REFUSAL)
- TEST HOLE #2**
- 00'-120" YELLOW & GRAY SANDY CLAY (CL) & YELLOW & GRAY PLASTIC SANDY CLAY (CH-CL)
- TEST HOLE #3**
- 00'-18" GRAY PLASTIC SANDY CLAY (CH-CL)
 - 18'-34" GRAY SANDY CLAY (CL)
 - 34'-70" GRAY SANDY LDAM (SP-SM)
 - 70'-120" GRAY & RED SANDY LDAM (SP-SM)



NW 10TH STREET



SCALES: HORIZONTAL 1"=30' VERTICAL 1"=3'

OCALA PALMS - UNIT 1

ASBUILT PLAN

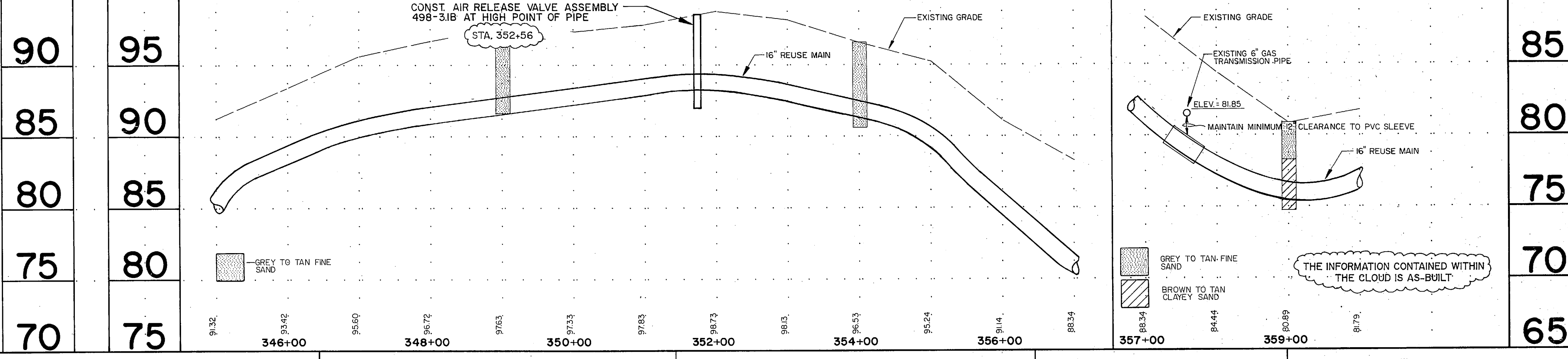
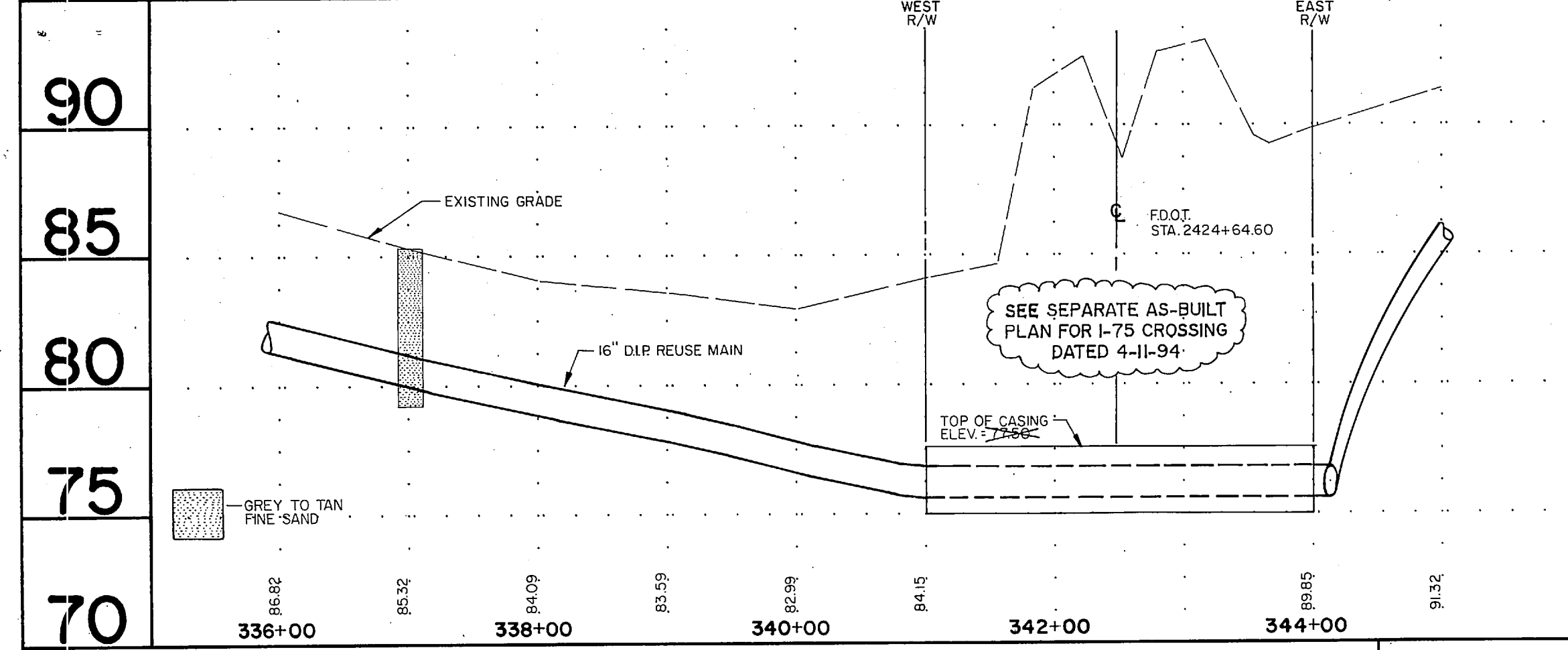
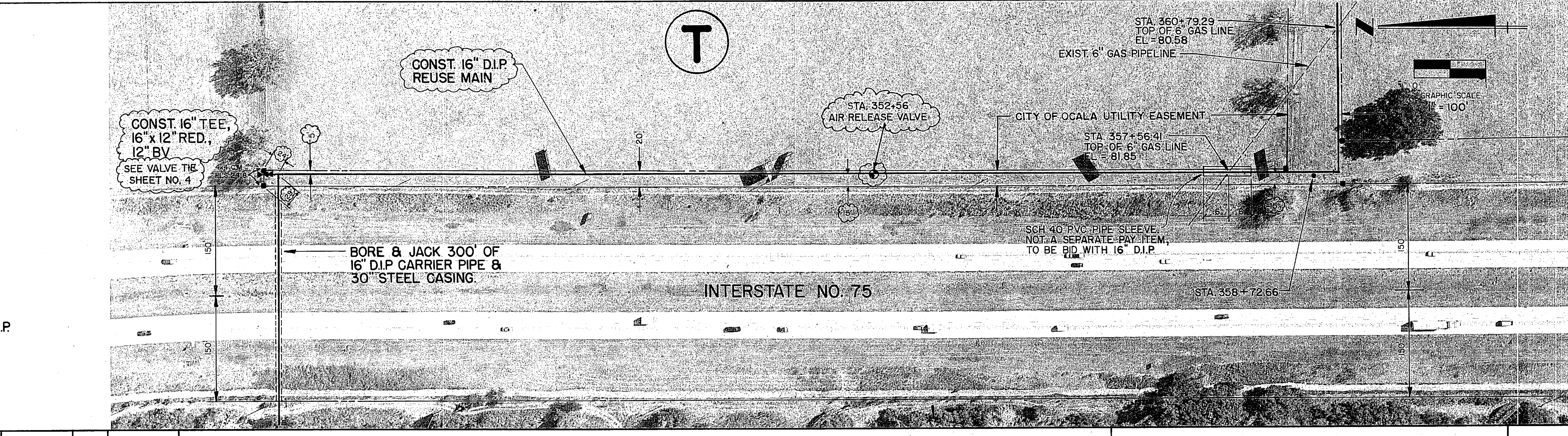
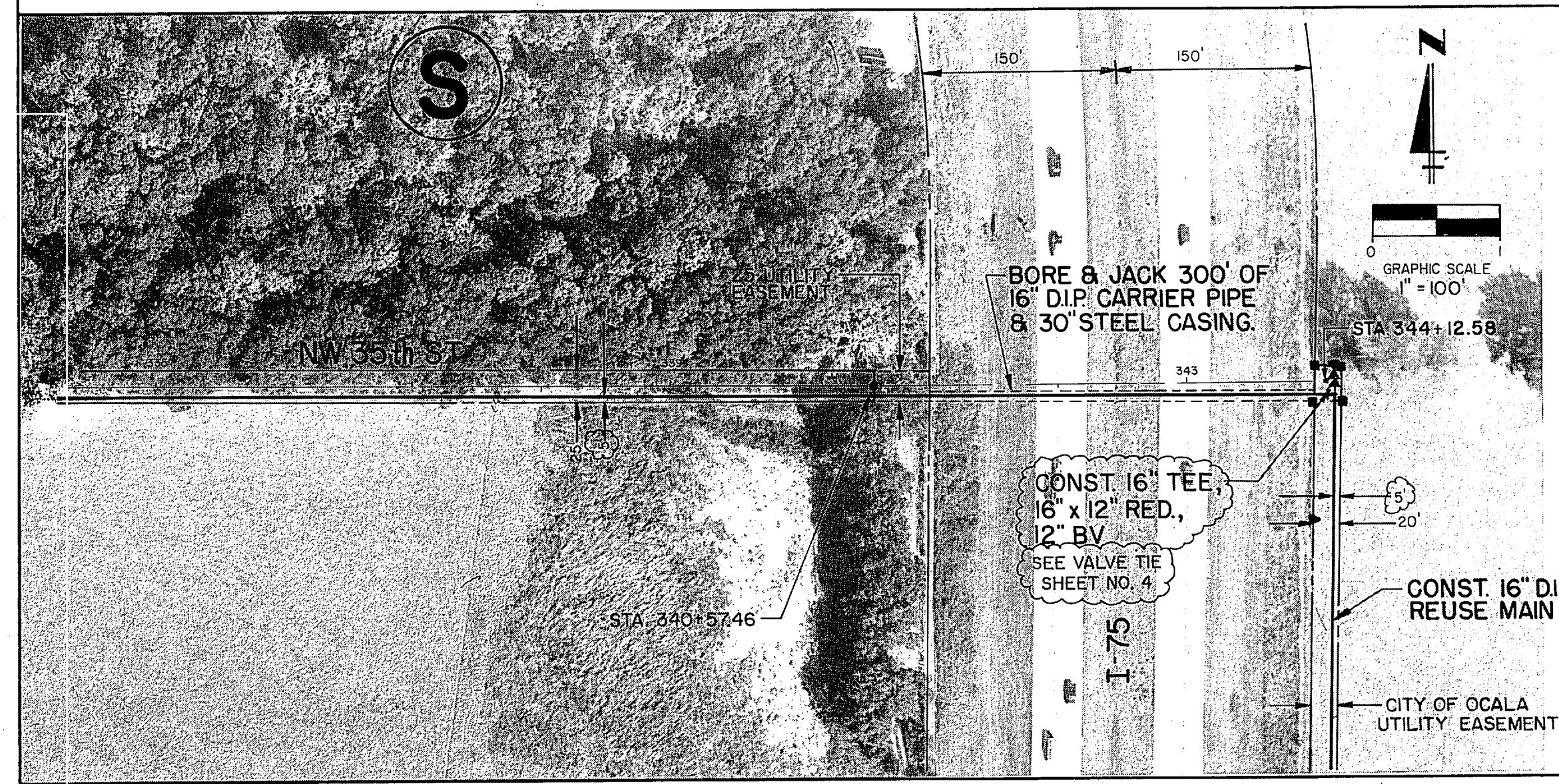
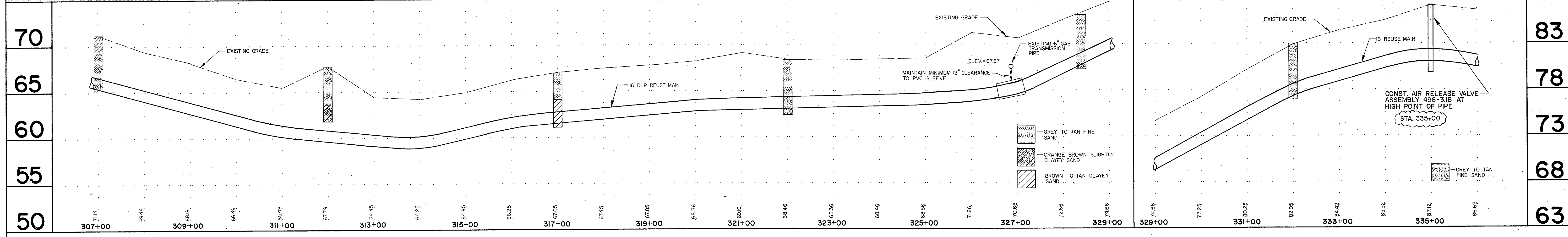
FILE NO. ASSPP16

SHEET NO. 16 OF 19

SUB. AS-BUILT SECTION

Utility Owner: City of Ocala

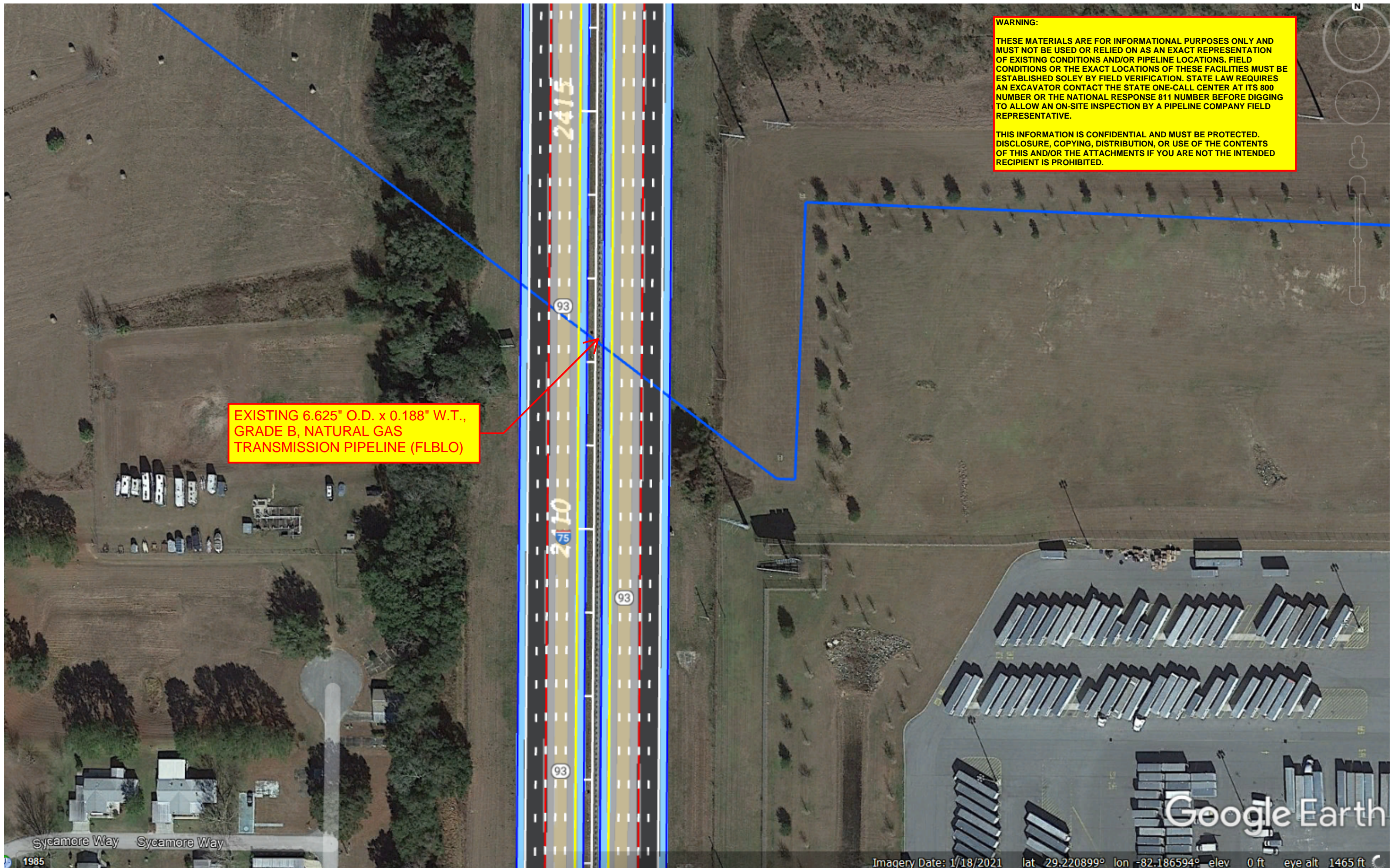
Utility Owner: City of Ocala



WARNING:
THESE MATERIALS ARE FOR INFORMATIONAL PURPOSES ONLY AND MUST NOT BE USED OR RELIED ON AS AN EXACT REPRESENTATION OF EXISTING CONDITIONS AND/OR PIPELINE LOCATIONS. FIELD CONDITIONS OR THE EXACT LOCATIONS OF THESE FACILITIES MUST BE ESTABLISHED SOLELY BY FIELD VERIFICATION. STATE LAW REQUIRES AN EXCAVATOR CONTACT THE STATE ONE-CALL CENTER AT ITS 800 NUMBER OR THE NATIONAL RESPONSE 811 NUMBER BEFORE DIGGING TO ALLOW AN ON-SITE INSPECTION BY A PIPELINE COMPANY FIELD REPRESENTATIVE.

THIS INFORMATION IS CONFIDENTIAL AND MUST BE PROTECTED. DISCLOSURE, COPYING, DISTRIBUTION, OR USE OF THE CONTENTS OF THIS AND/OR THE ATTACHMENTS IF YOU ARE NOT THE INTENDED RECIPIENT IS PROHIBITED.

EXISTING 6.625" O.D. x 0.188" W.T.,
GRADE B, NATURAL GAS
TRANSMISSION PIPELINE (FLBLO)



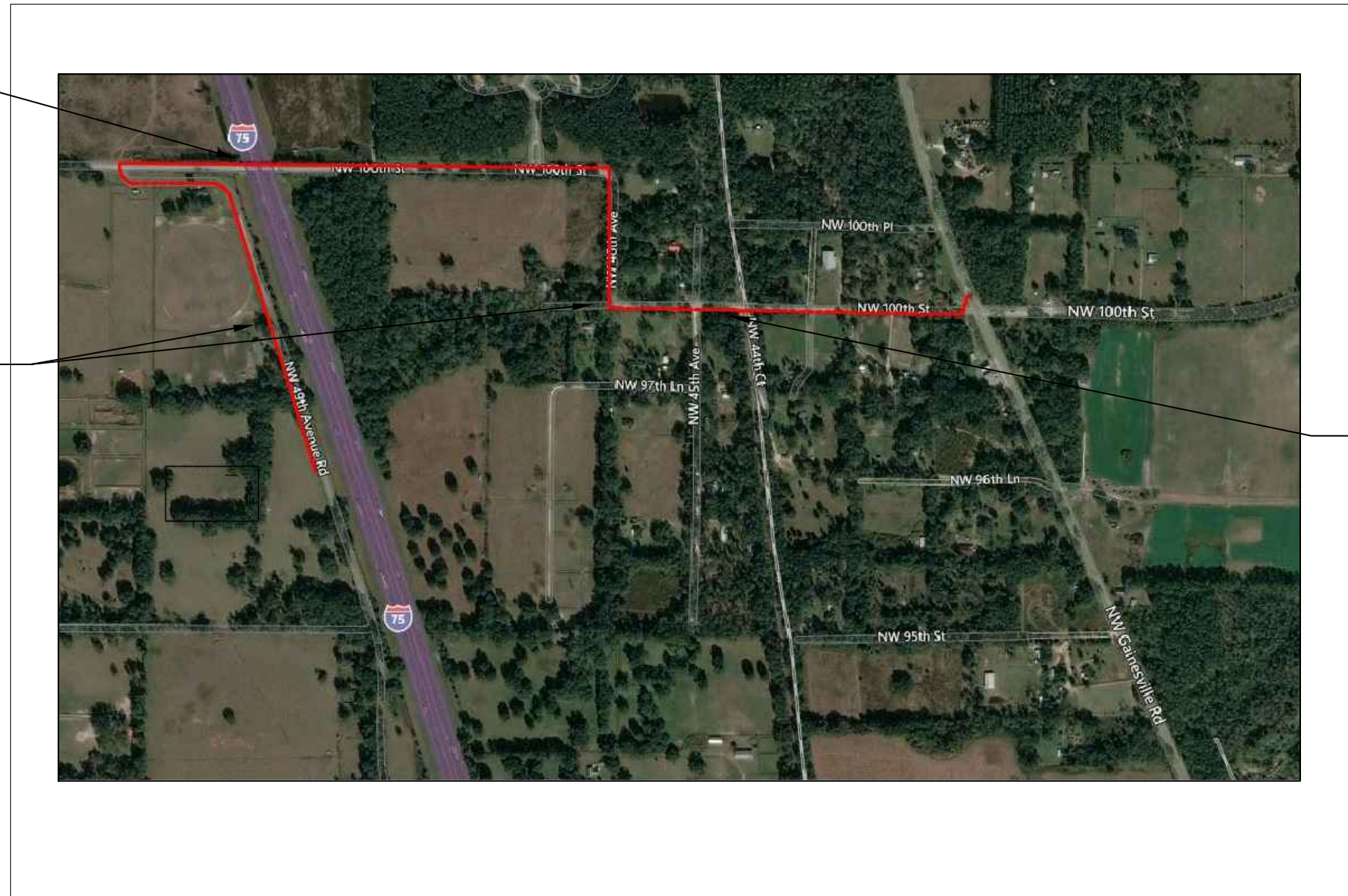
Sycamore Way Sycamore Way

Google Earth

Racehorse Substation

WORK LOCATION
FDOT Permit

WORK LOCATION
Marion Co Permit



WORK LOCATION
CSX Permit

HDPE: 1x2"- 4839' (300' FDOT)
DIRECTIONAL BORE: 4839' (300' FDOT)
HH: 3

SNOWSHOE: 2
48 FIBER: 8087'
AERIAL: 3248'
UG: 4839'

CALL BEFORE YOU DIG

THE LOCATIONS OF UTILITIES SHOWN ON THIS DRAWING ARE APPROXIMATE.

HEREBY DISCLAIMS ANY RESPONSIBILITY TO THIRD PARTIES FOR THE ACCURACY OF THIS INFORMATION. PERSONS WORKING IN THE AREA COVERED BY THIS DRAWING MUST CONTACT STATEWIDE "CALL BEFORE YOU DIG" SYSTEM TO ASCERTAIN THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO PERFORMING ANY EXCAVATION.



DUKE ENERGY
299 1st Ave North
Saint Petersburg, FL 33701

NO.	DATE	DESCRIPTION
1	6/30/21	PERMIT/CONSTRUCTION DRAWINGS
2	7/30/21	Revision 1
3	8/16/21	Revision 2
4	8/25/21	Revision 3

Duke Energy Racehorse Substation		
COVER PAGE		
LOCATION	SHEET NAME	DATA DATE
Marion County, FL	SHEET 1 OF 4	6/30/21

NOTES

GENERAL NOTES:

1. CONTRACTOR MUST CONTACT STATEWIDE "CALL BEFORE YOU DIG" SYSTEM: 811
2. THE MAJOR PORTION OF THE SPECIFIED WORK WILL BE PERFORMED IN THE PUBLIC RIGHT OF WAY.
3. ALL WORK SHALL BE PERFORMED WITHIN OSHA REGULATIONS.
4. ALL KNOWN UNDERGROUND UTILITIES ARE MARKED ON THE PLAN AND PROFILE DRAWINGS. OTHER UTILITY OBSTRUCTIONS MAY BE PRESENT. BEFORE ACTUAL CONSTRUCTION, EXACT LOCATION AND DEPTH OF ALL UTILITIES MUST BE DETERMINED BY THE CONTRACTOR. DAMAGE AND RESTORATION OF ANY UTILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT ONLY IF ABSOLUTELY NECESSARY AND WITH THE REQUIRED APPROVAL OF INVOLVED STATE AND LOCAL AGENCIES. ANY EXCAVATION LEFT OPEN OVERNIGHT MUST BE MARKED AND PROTECTED.
6. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, SIDEWALKS, GRASS, AND TREES WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
7. EQUIPMENT TYPES SPECIFIED ON PRINTS ARE SUGGESTIONS ONLY AND NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL ADJUST ACCORDINGLY.
8. ALL WORK TO BE PERFORMED WILL BE IN ACCORDANCE WITH THE APPLICABLE CODES AND REQUIREMENTS OF ANY REGULATING AGENCY, XO COMMUNICATIONS, OR RIGHT-OF-WAY GRANTOR.
9. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, SUPPORTING, AND PROTECTING ALL EXISTING UTILITIES DURING CONSTRUCTION OF THE PROPOSED FACILITIES. A 12" MINIMUM SHALL BE MAINTAINED BETWEEN ALL UTILITY CROSSINGS.
10. CONDUIT AND BELOW GROUND APPURTENANCE LOCATIONS INDICATED HAVE BEEN ESTABLISHED BASED ON VISUAL FIELD OBSERVATIONS. THE CONTRACTOR SHALL ADJUST THE PROPOSED CONDUIT AS REQUIRED TO AVOID CONFLICT WITH EXISTING STRUCTURES.
11. PROTECTION AND BACKFILLING OF ALL EXCAVATIONS WILL BE IN ACCORDANCE WITH STATE, OSHA, AND LOCAL REGULATIONS.
12. EXISTING RIGHT OF WAY LINES SHOWN HAVE BEEN ESTABLISHED FROM LOCALLY PROVIDED MAPS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND WORKING WITHIN THE EXISTING ROADWAY AND UTILITY EASEMENTS.
13. SEE CURRENT UAM FOR CONSTRUCTION NOTES.
14. Aerial crossing of I-75 will be built within County R/W. Trucks will not enter I-75 limited Access.
15. Regarding MOT: Flagger will be set up on County Road for bridge crossing.
16. Do not cut or take down I-75 fenceper FHWA guidelines.

CALL BEFORE YOU DIG

THE LOCATIONS OF UTILITIES SHOWN ON THIS DRAWING ARE APPROXIMATE.

HEREBY DISCLAIMS ANY RESPONSIBILITY TO THIRD PARTIES FOR THE ACCURACY OF THIS INFORMATION. PERSONS WORKING IN THE AREA COVERED BY THIS DRAWING MUST CONTACT STATEWIDE "CALL BEFORE YOU DIG" SYSTEM TO ASCERTAIN THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO PERFORMING ANY EXCAVATION.



DUKE ENERGY
299 1st Ave North
Saint Petersburg, FL 33701

NO.	DATE	DESCRIPTION
1	6/30/21	PERMIT/CONSTRUCTION DRAWINGS
2	7/30/21	Revision 1
3	8/16/21	Revision 2
4	8/25/21	Revision 3

Duke Energy Racehorse Substation		
NOTES		
LOCATION	SHEET NAME	DATA DATE
Marion County, FL	SHEET 2 OF 4	6/30/21



NW 100th St looking East



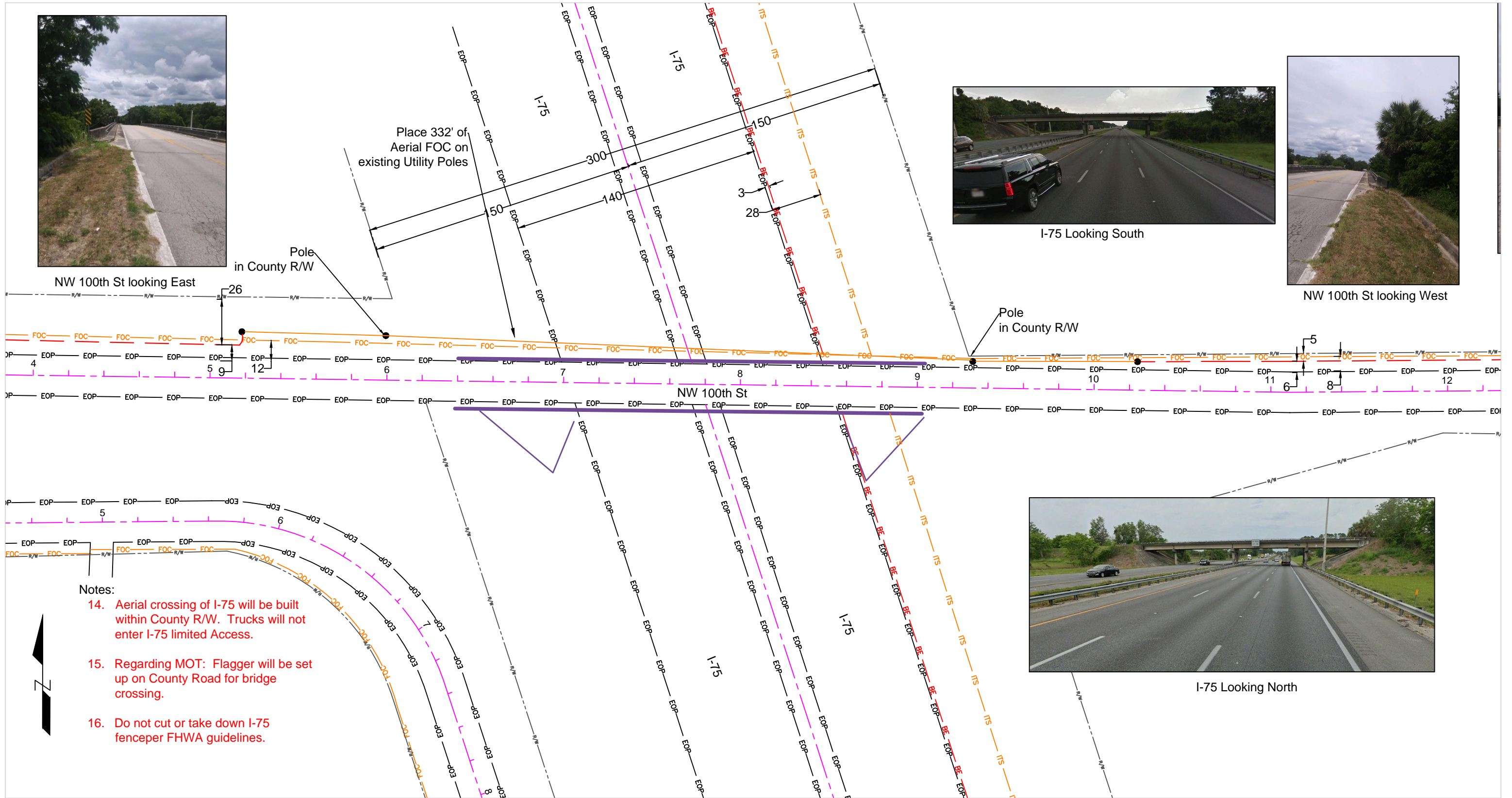
I-75 Looking South



NW 100th St looking West



I-75 Looking North



- Notes:
- 14. Aerial crossing of I-75 will be built within County R/W. Trucks will not enter I-75 limited Access.
 - 15. Regarding MOT: Flagger will be set up on County Road for bridge crossing.
 - 16. Do not cut or take down I-75 fenceper FHWA guidelines.

CALL BEFORE YOU DIG

THE LOCATIONS OF UTILITIES SHOWN ON THIS DRAWING ARE APPROXIMATE.

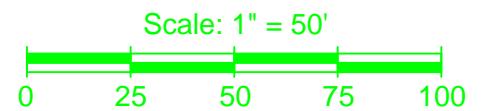
HEREBY DISCLAIMS ANY RESPONSIBILITY TO THIRD PARTIES FOR THE ACCURACY OF THIS INFORMATION. PERSONS WORKING IN THE AREA COVERED BY THIS DRAWING MUST CONTACT STATEWIDE "CALL BEFORE YOU DIG" SYSTEM TO ASCERTAIN THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO PERFORMING ANY EXCAVATION.



DUKE ENERGY
299 1st Ave North
Saint Petersburg, FL 33701

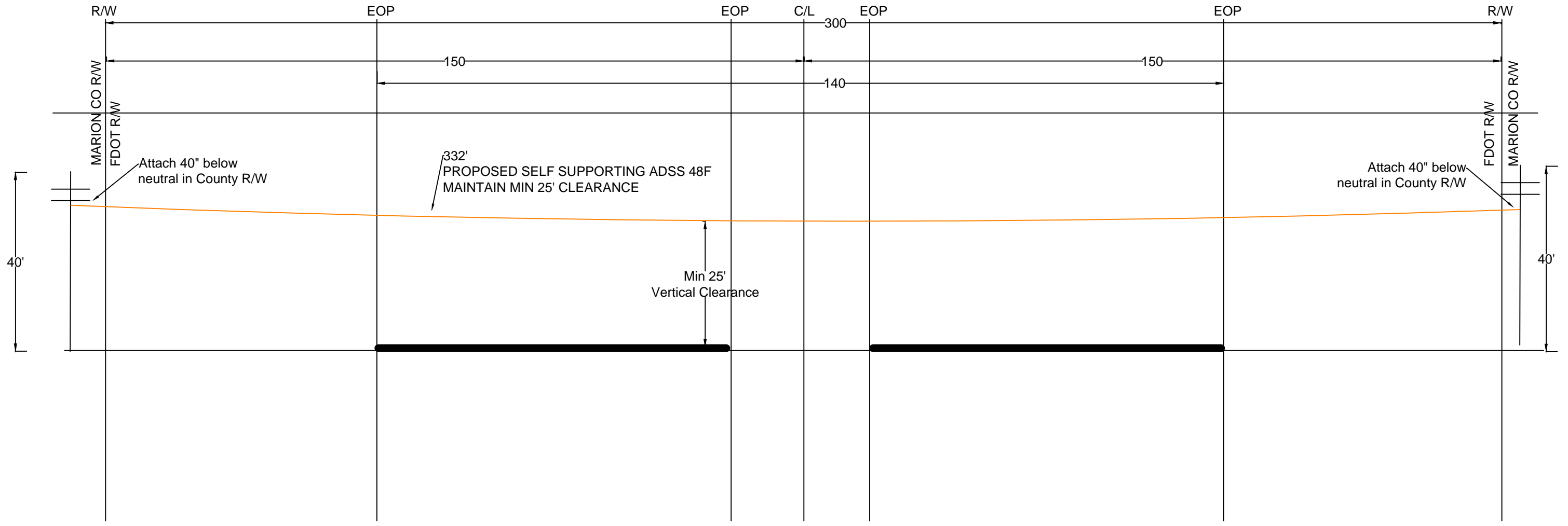
NO.	DATE	DESCRIPTION
1	6/30/21	PERMIT/CONSTRUCTION DRAWINGS
2	7/30/21	Revision 1
3	8/16/21	Revision 2
4	8/25/21	Revision 3
5	8/26/21	Revision 4

Duke Energy
Racehorse Substation



PLANVIEW 1

LOCATION	SHEET NAME	DATA DATE
Marion County, FL	SHEET 3 OF 4	6/30/21



Note: Ensure FDOT Spec 555 (Directional Bore) procedure and requirements are adhered to.

Notes:

- 14. Aerial crossing of I-75 will be built within County R/W. Trucks will not enter I-75 limited Access.
- 15. Regarding MOT: Flagger will be set up on County Road for bridge crossing.
- 16. Do not cut or take down I-75 fenceper FHWA guidelines.

I-75 at NW 100th St
Looking North
Work is north of bridge

Installation:

There will be 4 trucks-2 on each side of the bridge. A heavy rope (same as used to pull power) will be used. Rollers will be attached to the fiber. These will be passed between the trucks on the bridge. This rope and the rollers will stop the fiber from falling down past the bridge. Then the fiber will be placed on the poles at the end.

The construction contractor can meet prior to the build so that the installation process can be assessed before the fiber is placed. Please call Jerry Rossitter of KAM Services if needed at 321-689-1460.

CALL BEFORE YOU DIG

THE LOCATIONS OF UTILITIES SHOWN ON THIS DRAWING ARE APPROXIMATE.

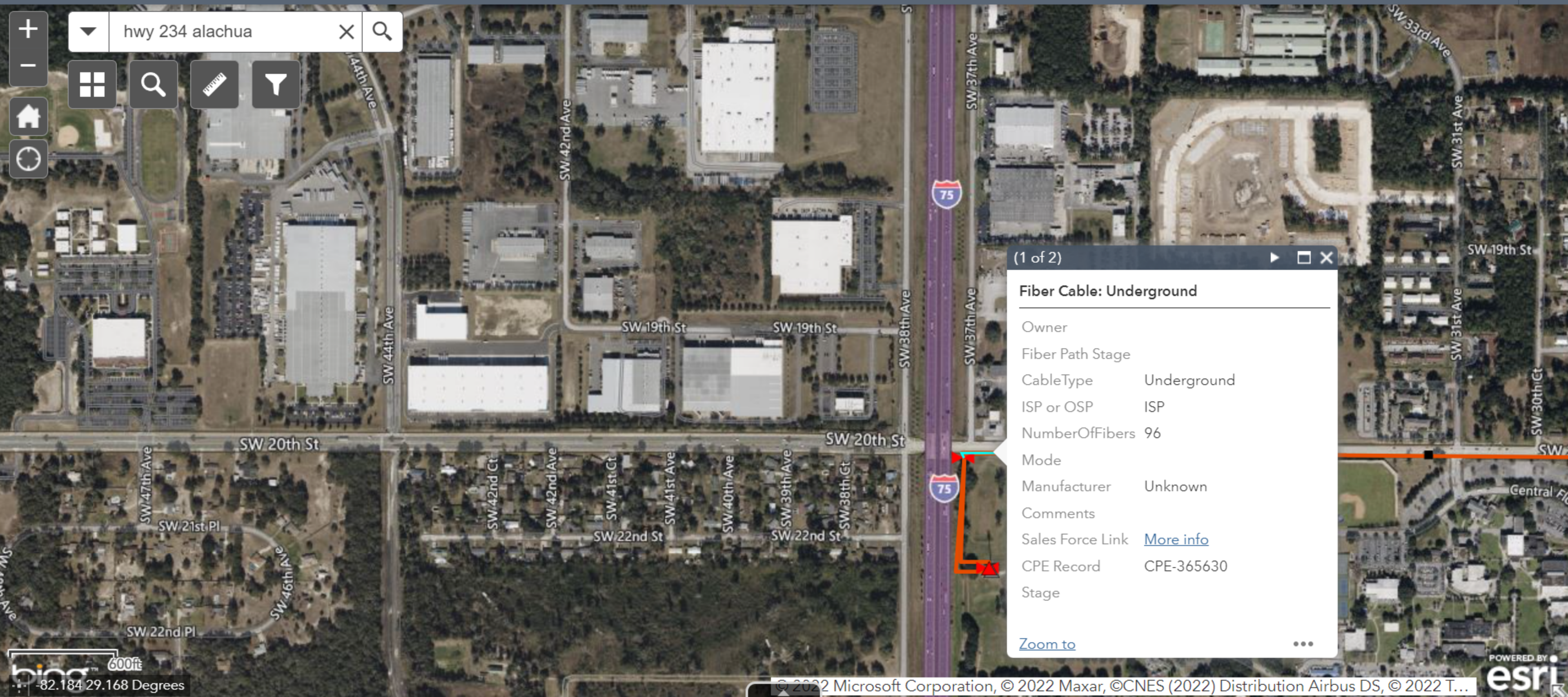
HEREBY DISCLAIMS ANY RESPONSIBILITY TO THIRD PARTIES FOR THE ACCURACY OF THIS INFORMATION. PERSONS WORKING IN THE AREA COVERED BY THIS DRAWING MUST CONTACT STATEWIDE "CALL BEFORE YOU DIG" SYSTEM TO ASCERTAIN THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO PERFORMING ANY EXCAVATION.



DUKE ENERGY
299 1st Ave North
Saint Petersburg, FL 33701

NO.	DATE	DESCRIPTION
1	6/30/21	PERMIT/CONSTRUCTION DRAWINGS
2	7/30/21	Revision 1
3	8/16/21	Revision 2
4	8/25/21	Revision 3

Duke Energy Racehorse Substation		
PROFILE		
LOCATION	SHEET NAME	DATA DATE
Marion County, FL	SHEET 4 OF 4	6/30/21



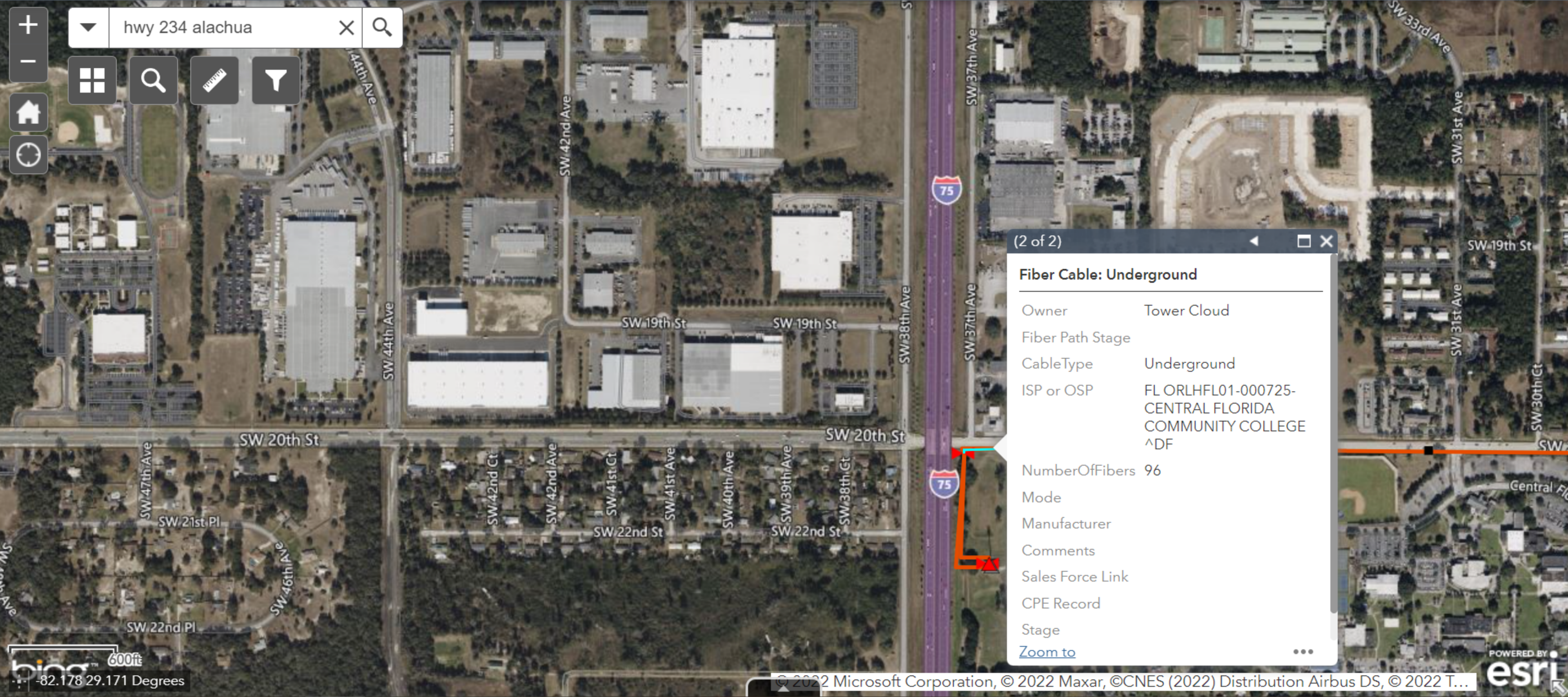
(1 of 2)

Fiber Cable: Underground

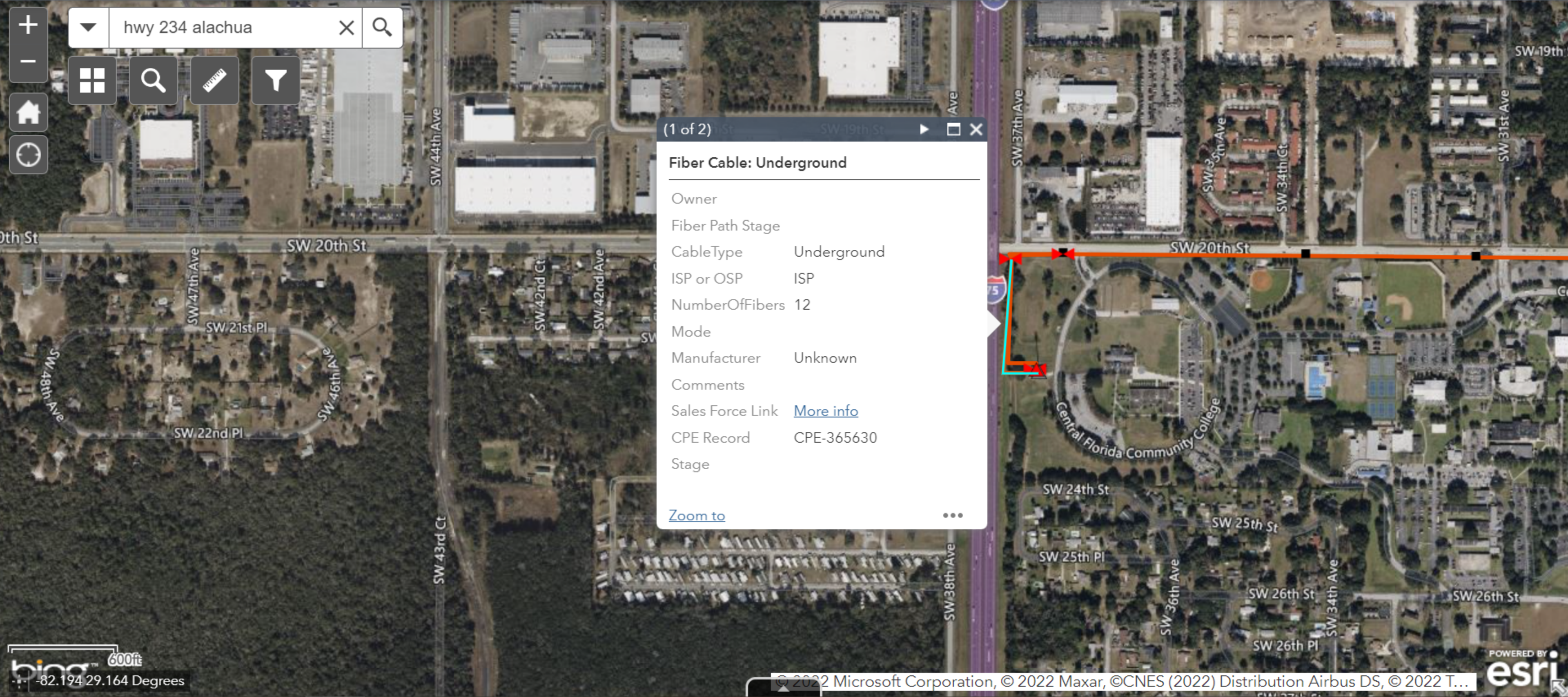
Owner	
Fiber Path Stage	
CableType	Underground
ISP or OSP	ISP
NumberOfFibers	96
Mode	
Manufacturer	Unknown
Comments	
Sales Force Link	More info
CPE Record	CPE-365630
Stage	

[Zoom to](#)

Utility Owner: Uniti Fiber



Utility Owner: Uniti Fiber



(1 of 2) SW 19th St

Fiber Cable: Underground

Owner

Fiber Path Stage

CableType Underground

ISP or OSP ISP

NumberOfFibers 12

Mode

Manufacturer Unknown

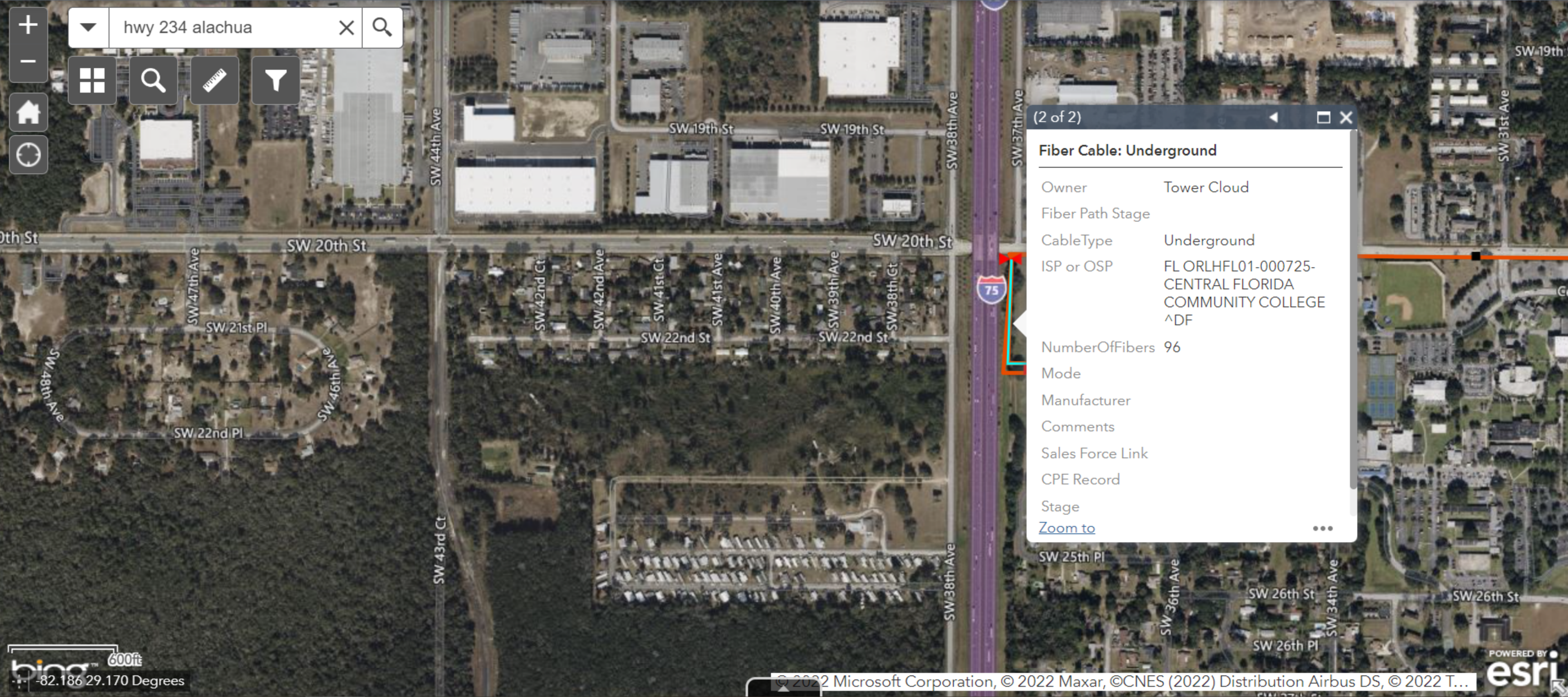
Comments

Sales Force Link [More info](#)

CPE Record CPE-365630

Stage

[Zoom to](#) ...

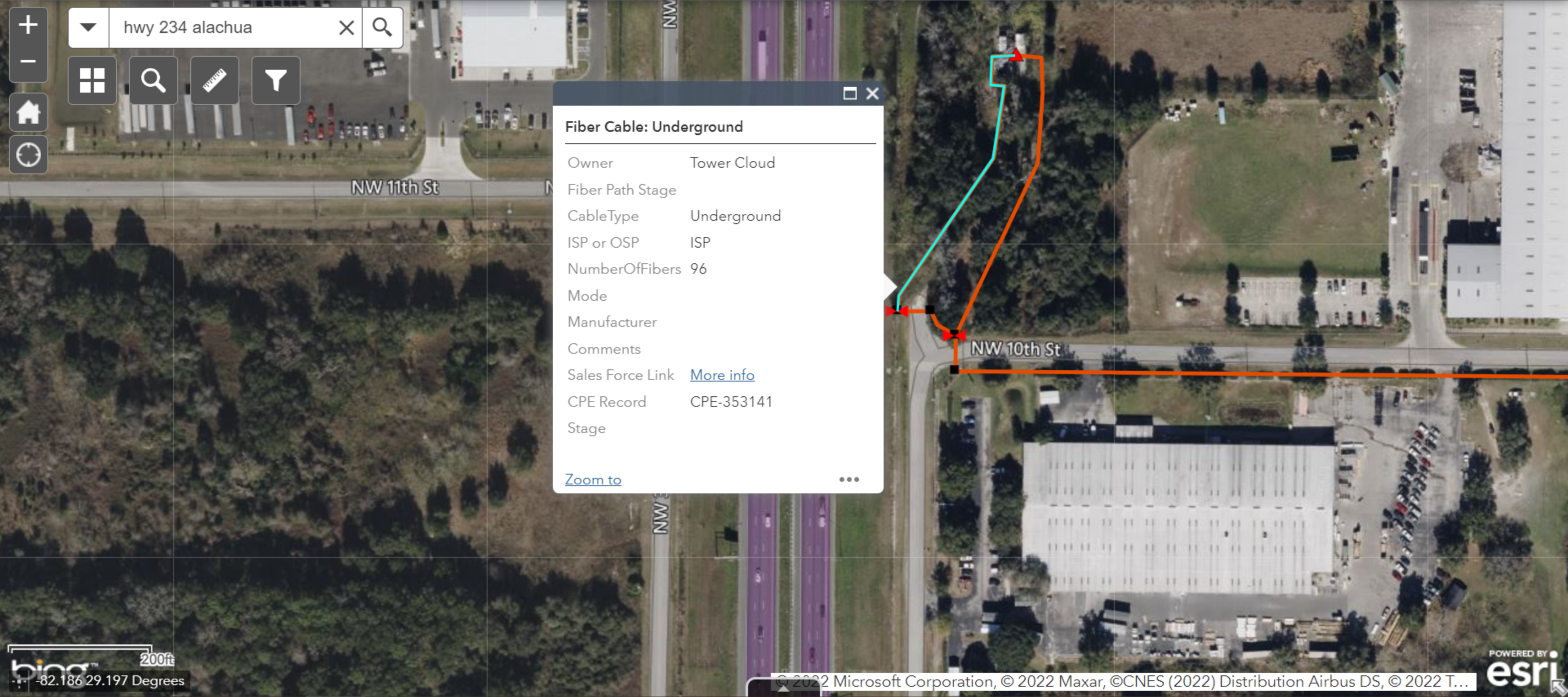


(2 of 2)

Fiber Cable: Underground

Owner	Tower Cloud
Fiber Path Stage	
CableType	Underground
ISP or OSP	FL ORLHFL01-000725-CENTRAL FLORIDA COMMUNITY COLLEGE ^DF
NumberOfFibers	96
Mode	
Manufacturer	
Comments	
Sales Force Link	
CPE Record	
Stage	
Zoom to	

Utility Owner: Uniti Fiber



Utility Owner: Uniti Fiber

Date: September 9, 2020

- Peoples Gas System, Inc. has no gas mains or services within the referenced area.
- We are returning your prints marked with Peoples Gas System, Inc. gas mains or services within the referenced area.
- We are returning a print of Peoples Gas System, Inc. gas main or services within the referenced area.
- Please furnish final construction plans for this job and include Peoples Gas System, Inc. in the pre-design and pre-construction meeting(s).

THE ATTACHED DRAWINGS ARE PROVIDED SUBJECT TO RESTRICTIONS AND LIMITATIONS.

(X) For further information please call:

[Landon Meahl](#)

Gas Design Tech
PGS - JACKSONVILLE

 9044437308

 LMEAHL@TECOENERGY.COM

Remarks:

NOTE: If a map is provided with this letter the following applies: The map is provided for convenience purpose only, and is not intended to be used for detailed locations. No warranty or guaranty expressed or implied, is made as to completeness, accuracy or fitness for a particular purpose. Use of this map is at the risk of the recipient who assumes full responsibility therefor.

Please call 811, two full business days prior to construction to have the locations of the facilities field verified



IT'S THE LAW

First and Last Name

Title

Department Office

