



**SR 400 (I-4) Project Development and Environment (PD&E) Study**  
FM No.: 432100-1-22-01



## Utility Impact Report

**Segment 4: State Road 400 (SR 400)/Interstate 4 (I-4)  
from East of SR 15-600/US 17-92 (Seminole/Volusia County Line)  
to ½ Mile East of SR 472**

**Volusia County (79110)**

**April, 2016**

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## 1.0 Introduction

This report was commissioned by the Florida Department of Transportation's (FDOT) District Five Utility Office in conjunction with a FDOT roadway Project Development and Environment (PD&E) study on Interstate 4 (SR 400) in Polk, Osceola, Orange, Seminole, and Volusia Counties. FDOT requested that HNTB Corporation conduct engineering investigations to identify the status of any existing and proposed facilities that may require relocation to accommodate the proposed I-4 expansion. The report provides supplemental utility relocation cost information for evaluating the expansion of I-4 existing roadway under the FDOT Financial Project Number 4321001-1-22-01. HNTB developed and prepared this report using information gathered through the review of aerial photography from Aerial Cartographics of America (ACA) and coordination with utility owners. The I-4 project is separated into five major segments: Segment 1 covers Polk/Osceola County Line to SR 528, Segment 2 covers SR 528 to west of Kirkman Road, Segment 3 covers 1.0 mile east of SR 434 to US 17/92, Segment 4 covers from US 17/92 to 0.5 miles east of SR 472, and Segment 5 covers US 27 to the Polk/Osceola County Line. This Utility Impact Report focuses on Segment 4, US 17/92 to SR 472. It includes analysis on the I-4 main corridor along with all major crossroads (Dirksen Dr., Saxon Blvd, SR 472) where exits may be redesigned to accommodate the expansion.

I-4's Segment 4 topography, through the study area, traverses east and west for 10.098 miles in Volusia County. The study begins 0.129 miles east of Seminole/Volusia County Line (MP 0.129) and continues east past the existing SR 472 exit. The study terminates 0.5 miles east of SR 472 (MP 10.227). The I-4 corridor has a 300-ft right-of-way for the majority of the corridor. The only deviation is between Enterprise Rd and Saxon Blvd, where the interstate's east bound and west bound lanes separate, here the maximum right-of-way is 630-ft.

### 1.1 Study Background

HNTB's study began by overlaying existing right of way maps, from FDOT's Right-of-Way Map Department, with aerial photography gathered by ACA. A Sunshine State One Call was made to identify the utility companies present throughout the segment. Roadway plans were sent to each of the utility companies, and HNTB requested they mark-up their facilities and return the markups to HNTB. The markups collected from the utility companies were input into CAD (Computer Aided Drafting) and displayed on the roadway plan sheets. The plan sheets are included in Appendix B of this report. Possible conflicts were identified and facilities that are expected to require relocation were noted in the Utility Impact Section of this report. Preliminary relocation cost information was also requested from each of the utility companies and is summarized in Appendix A.

## 2.0 Preliminary Design and Engineering-Roadway

The FDOT's projected growth for the study area warrants expansion of the existing I-4 corridor from a six lane divided general use highway to a ten lane divided highway, six general uses lanes and four managed (toll) lanes. Pavement widths on cross streets will also be increased as turn lanes are added at intersections and other applicable areas. Crossroads are to be reworked to accommodate the projected growth and ease congestion at entrance and exit ramps along Segment 4. Often additional right-of-way is required to support the expanded roadway of this type.

Based on information gathered as part of the PD&E study conducted on the I-4 expansion for Segment 4, additional 97.3 acres or right of way will need to be procured to accommodate roadway expansion.

### 2.1 Right-of-Way

I-4's main corridor has a 300-ft right-of-way corridor from milepost 0.129 in Volusia County to milepost 4.993. The lanes separate to accommodate a storm water treatment pond located in the certain of the road. The maximum right-of-way is 630-ft. The interstate's west bound and east bound lanes converge at milepost 5.605 in Volusia County, west of Saxon Blvd. From milepost 5.605 to 0.5 miles east of SR 472 (Howland Blvd) the right-of-way is 300-ft. Near interstate exits the right-of-way increases to accommodate ramps and storm water treatment. Three right-of-way outcroppings exist in Segment 4 to accommodate storm water treatment ponds.

The proposed improvements will require right of way for the roadway mainline improvements, storm-water management facilities and floodplain compensation sites. The total anticipated right of way impacts 119 parcels for a total of approximately 100 acres.

### 2.2 Environmental Issues

I-4 crosses over the St. Johns River in the western part of Segment 4. St. Johns River is habitat to multiple endangered and threatened species. Current environmental conditions should be minimally impacted to protect habitats. 0.22 miles south of Dirksen Drive underpass, I-4 main corridor crosses over Padgett Creek, a finger of Lake Monroe. Steps to minimize the environmental impact of expanding the interstate should be taken to ensure no contamination of Padgett Creek or Lake Monroe. Utilities in the area to be relocated within the vicinity of St. Johns River, Padgett Creek or Lake Monroe will be required to go through the proper environmental and wetland permitting processes.

## 3.0 Utility Impact Scope

HNTB began the investigation of the I-4 roadway utilities in June 2013. Initial objectives included identifying and verifying owners of existing utilities located in and around the area of study. Other important objectives included in the study: uncovering major utility impacts from potential construction, determine utility owners proposed facilities within the study corridor, verify utility owner's easements



and obtain an estimated cost of locating conflicting utilities. ITS along the project corridor is owned by FDOT. Therefore, relocation and cost associated with FDOT owned ITS was not included in this report. Refer to the Long Range Estimate (LRE) for further information on FDOT ITS relocation costs.

The process began by submitting design locate tickets to Sunshine State One Call (SSOC) for a list of utility contact information. SSOC returned a list of utilities located within the area of study. Utility owners, confirmed by the FDOT's District Five Contact List, were sent a set of Segment 4 plans for utility markup on June 28, 2013. After receiving markups from the utility companies, HNTB compared utility locations with the proposed roadway design and determined any utilities that posed a possible conflict.

### 3.1 Sunshine State One Calls

SSOC identified that the following utility companies maintain facilities in the area of study:

- AT&T Corporation
- AT&T Florida
- Bright House Networks
- CenturyLink
- City of Deltona
- Duke Energy Distribution (Formerly Progress Energy)
- Duke Energy Transmission (Formerly Progress Energy)
- Florida Department of Transportation
- Florida Gas Transmission
- Florida Power & Light
- Florida Public Utilities
- FPL Fibernet
- Sunesys LLC
- TW Telecom
- Volusia County Utilities

## 4.0 Utility Impacts

After receiving utility markup plans from the utility companies provided by the SSOC, HNTB compared the facility locations of each company with the proposed roadway design. A summary of each company's facilities and conflicts to the I-4 expansion are provided below.

## 4.1 AT&amp;T Corporation

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	AT&T Corporation	6.5" Underground Fiber Optic	From Station 10+00 on Saxon Blvd to intersection of Veterans Memorial Pkwy & Saxon Blvd	South side of road	10+00	40+52	No
Communications	AT&T Corporation	6.5" Underground Fiber Optic	Crossing at intersection of Veterans Memorial Pkwy & Saxon Blvd	East side of intersection	40+50	40+52	No
Communications	AT&T Corporation	6.5" Underground Fiber Optic	Crossing at intersection of N. Kentucky Ave & SR 472	East side of intersection	39+69	41+43	Yes, adjust to run parallel to road.

## 4.2 AT&amp;T Florida

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	AT&T	48 PR Aerial Fiber Optic Cable	From 1050-ft east of intersection of Enterprise Rd & Saxon Blvd east to 290-ft west of intersection of Medical Center Dr. & Saxon Blvd	North side of road	12+76	32+47	No
Communications	AT&T	48 PR Aerial Fiber Optic Cable	From 330-ft east of intersection of Veterans Memorial Pkwy & Saxon Blvd east on Saxon Blvd to intersection of I-4 westbound ramp to Saxon Blvd & Saxon Blvd	North side of road	43+40	59+38	Yes, relocation of poles required
Communications	AT&T	48 PR Aerial Fiber Optic Cable	Crossing of Saxon Blvd 440-ft east of intersection of Saxon Blvd ramp to I-4 eastbound & Saxon Blvd	N/A	84+56	85+04	Yes, relocation of poles required
Communications	AT&T	25-600 PR Underground Fiber Optic Cable	From end of project limits on Dirksen Dr. east to intersection of Dirksen Dr. and I-4 southbound ramp to Dirksen Dr.	North side of road	8+56	71+42	No
Communications	AT&T	900 PR Underground Fiber Optic Cable	From intersection of N Rd & Debary Ave. east to end of project limits	South side of road	136+32	144+52	No
Communications	AT&T	900 PR Underground Fiber Optic Cable	Crossing at intersection of N Rd. & Debary Ave	West side of intersection	136+31	136+32	No
Communications	AT&T	600 PR Underground Fiber Optic Cable	Crossing at intersection of Palm Rd & Dirksen Dr.	West side of intersection	60+82	61+03	No
Communications	AT&T	600 PR Underground Fiber Optic Cable	Crossing at intersection of Sunrise Blvd & Dirksen Dr.	East side of intersection	66+66	66+67	No
Communications	AT&T	600 PR Underground Fiber Optic Cable	From intersection of Palm Rd & Dirksen Dr to intersection of Deltona Blvd & Debary Ave.	South side of road	60+82	90+51	No
Communications	AT&T	300 PR Underground Fiber Optic Cable	From intersection of Deltona Rd & Debary Ave east to intersection of Maple Ave & Debary Ave	South side of road	90+51	96+29	No
Communications	AT&T	300 PR Underground Fiber Optic Cable	From intersection of N Rd & Dirksen Dr. east to end of project limits	North side of road	136+32	144+52	No
Communications	AT&T	200 PR Underground Fiber Optic Cable	From intersection of Maple Ave & Debary Ave east to 1370-ft east of intersection of entrance to utility plant entrance & Debary Ave.	South side of road	96+29	101+16	No
Communications	AT&T	100 PR Underground Fiber Optic Cable	From intersection of entrance to utility plant entrance to intersection of N Rd & Debary Ave.	South side of road	101+16	136+32	No
Communications	AT&T	100 PR Underground Fiber Optic Cable	Crossing at intersection of Enterprise Rd & Dirksen Rd	East side of intersection	121+47	121+48	No

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	AT&T	100 PR Underground Fiber Optic Cable	From intersection of Enterprise Rd & Debary Ave east to intersection N Rd and Debary Ave	North side of road	121+48	136+32	No
Communications	AT&T	50 PR Underground Fiber Optic Cable	Crossing at intersection of N Rd. & Debary Ave.	East side of intersection	136+92	136+93	No
Communications	AT&T	48 PR Underground Fiber Optic Cable	Crossing at intersection of Enterprise Rd & Saxon Blvd	West side of intersection	5+19	5+66	No
Communications	AT&T	48 PR Underground Fiber Optic Cable	From intersection of to 1050-ft east of intersection of Enterprise Rd & Saxon Blvd	North side of road	6+54	16+12	No
Communications	AT&T	48 PR Underground Fiber Optic Cable	From 290-ft west of intersection of Medical Center Dr. east to 330-ft east of intersection of Veterans Memorial Pkwy & Saxon Blvd	North side of road	24+87	43+40	No
Communications	AT&T	48 PR Underground Fiber Optic Cable	From intersection of I-4 southbound ramp to Saxon Blvd & Saxon Blvd east to intersection of Saxon Blvd ramp I-4 northbound & Saxon Blvd	North side of road	61+61	84+56	No
Communications	AT&T	Unknown Size Underground Fiber Optic Cable	Crossing at intersection of I-4 southbound ramp to Dirksen Dr. & Dirksen Dr.	West side of intersection	71+42	71+42	No

#### 4.3 Bright House Networks

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	BrightHouse Networks	Unknown Size Aerial Fiber Optic	From intersection of Enterprise Rd & Saxon Blvd to 500-ft west of intersection of Veterans Memorial Pkwy & Saxon Blvd	South side of road	5+80	35+00	No
Communications	BrightHouse Networks	Unknown Size Aerial Fiber Optic	Crossing of Saxon Blvd, 150-ft west of intersection of Medical Center Rd & Saxon Blvd	N/A	30+44	30+47	No
Communications	BrightHouse Networks	Unknown Size Aerial Fiber Optic	From 150-ft west of intersection of Medical Center Dr. & Saxon Blvd to 660-ft west of intersection of I-4 west bound ramp to Saxon Blvd	North side of road	30+44	57+01	No
Communications	BrightHouse Networks	Unknown Size Aerial Fiber Optic	Crossing of Saxon Blvd, 670-ft west of intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd	N/A	56+96	57+01	No
Communications	BrightHouse Networks	Unknown Size Aerial Fiber Optic	Crossing at intersection of Wolf Pack Run & SR 472	West side of intersection	124+25	124+32	No
Communications	BrightHouse Networks	Unknown Size Aerial Fiber Optic	From intersection of Wolf Pack Run & SR 472 east to station 134+00 on SR 472	North side of road	124+32	125+05	No
Communications	BrightHouse Networks	Unknown Size Aerial Fiber Optic	Crossing of Saxon Blvd, at intersection of Red Fox Run & Saxon Blvd	East side of intersection	138+06	138+06	No
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	From 130-ft west of intersection of Palm Rd & Dirksen Dr. to intersection of Dirksen Dr. ramp to I-4 east bound & Dirksen Dr.	North side of road	60+00	71+42	No
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	From 150-ft west of intersection of Palm Rd & Dirksen Dr. to intersection of I-4 west bound ramp to Dirksen Dr. & Dirksen Dr.	South side of road	60+82	72+88	No



Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	Crossing at intersection of I-4 west bound ramp to Dirksen Dr. & Dirksen Dr.	West side of intersection	71+42	71+42	No
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	From 1730-ft south to 1000-ft north of Enterprise Rd on I-4 Corridor	West side of road	2806+00	2833+28	Yes, adjust to run parallel to road.
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	Crossing at intersection of Veterans Memorial Pkwy & Saxon Blvd	East side of intersection	39+37	40+65	No
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	From 430-ft west of intersection of I-4 west bound ramp to SR 472 east to station 134+00 on SR 472	North side of road	92+17	134+00	No
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	From intersection of E. Graves Ave to intersection of Forest Edge Dr. & SR 472	South side of road	100+90	111+18	No
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	Crossing at intersection of Forest Edge Dr. & Saxon Blvd	West side of intersection	111+18	111+37	No

#### 4.4 CenturyLink

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of Enterprise Rd & Saxon Blvd to intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd	North side of road	7+31	62+72	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of Enterprise Rd & Saxon Blvd to intersection of Medical Center Dr. & Saxon Blvd	South side of road	4+00	31+84	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of Broward Ave & Saxon Blvd	South side of intersection	39+60	40+52	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of Broward Ave & Saxon Blvd	East side of intersection	40+50	40+52	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of Broward Ave & Saxon Blvd to 660-ft west of intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd	South side of intersection	39+54	56+97	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd	West side of intersection	62+71	62+72	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd to intersection of W. Apache Circle & Saxon Blvd	South side of road	62+71	95+91	Yes, adjust to run parallel to road.
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing 350-ft west of intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd	N/A	59+26	59+27	No

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From 350-ft west to intersection of intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd	South side of road	59+26	62+71	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing 120-ft west of intersection of W. Apache Circle & Saxon Blvd	N/A	95+89	95+91	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of N. Normandy Blvd & Saxon Blvd	West side of intersection	109+96	110+03	Yes, extend across proposed Saxon Blvd.
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of N. Normandy Blvd & Saxon Blvd to intersection of Falmouth Ave & Saxon Blvd	South side of road	110+94	116+48	Yes, adjust to run parallel to road.
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing of Saxon Blvd, 200-ft west of intersection of Falmouth Ave & Saxon Blvd	N/A	116+42	116+48	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of Trinidad Ave & Saxon Blvd	West side of intersection	129+92	129+95	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of Trinidad Ave & Saxon Blvd to 200-ft east of intersection of Templewood Ave & Saxon Blvd	South side of road	130+58	133+38	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of Boxham Ave & Saxon Blvd	East side of intersection	14+61	14+64	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From 1840-ft west of intersection to intersection of N. Kentucky Ave & SR 472	South side of road	22+99	38+51	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From 1000-ft west to 380-ft west of intersection of N. Kentucky Ave & SR 472	North side of road	30+16	36+22	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing 380-ft west of intersection of N. Kentucky Ave & SR 472	N/A	36+22	36+22	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of N. Kentucky Ave & SR 472	North side of intersection	38+32	41+34	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of N. Kentucky Ave & SR 472	East side of intersection	39+69	41+59	No

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From 520-ft west of to intersection of Forest Edge Dr. & Howland Blvd	South side of road	106+45	111+00	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of Forest Edge Dr. & Howland Blvd to station 134+00 on Howland Blvd	North side of road	111+34	134+00	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of Forest Edge Dr. & Howland Blvd to 420-ft west of intersection of Wolf Pack Run & Howland Blvd	South side of road	111+00	120+93	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing of Howland Blvd, 420-ft west of intersection of Wolf Pack Run & Howland Blvd	N/A	120+79	120+81	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of Wolf Pack Run & Howland Blvd	East side of intersection	125+35	125+36	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of to 270-ft east of Wolf Pack Run & Howland Blvd intersection	South side of road	125+35	127+84	No
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of Roseapple Ave & Howland Blvd east to station 134+00 on Howland Blvd	South side of road	132+41	134+00	No

#### 4.5 City of Deltona

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Water	City of Deltona	Unknown Size Water Main	From 190-ft west to 260-ft east of intersection of Sunrise Blvd & Dirksen Dr.	North side of road	64+21	69+22	No
Water	City of Deltona	Unknown Size Water Main	Crossing of Dirksen Dr., 260-ft east of intersection of Sunrise Blvd & Dirksen Dr.	N/A	69+22	69+25	No
Water	City of Deltona	Unknown Size Water Main	From intersection of Debary Ave ramp to I-4 east bound & Debary Ave east for 190-ft	South side of road	72+77	86+90	No
Water	City of Deltona	Unknown Size Water Main	Crossing of Debary Ave, 190-ft east of intersection of Debary Ave ramp to I-4 east bound & Debary Ave	N/A	86+90	87+00	No
Water	City of Deltona	Unknown Size Water Main	From 330-ft west to intersection of Deltona Blvd & Debary Ave.	North side of road	87+00	89+54	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Debary Ave & Deltona Blvd	North side of intersection	89+54	90+71	No
Water	City of Deltona	Unknown Size Water Main	From intersection of Deltona Blvd & Debary Ave to intersection of Welcome Center Dr. & Debary Ave	North side of road	90+65	95+48	No
Water	City of Deltona	Unknown Size Water Main	Crossing of Debary Ave, 160-ft west of intersection of Welcome Center Dr. & Debary Ave	N/A	94+08	94+12	No
Water	City of Deltona	Unknown Size Water Main	From 160-ft west of intersection of Welcome Center Dr. & Debary Ave east to station 134+50 on Debary Ave	South side of road	94+12	134+50	No



Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Lakefront Dr. & Debary Ave	South side of intersection	100+49	101+26	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Enterprise Rd & Debary Ave	West side of intersection	120+68	120+69	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Main St & Debary Ave	South side of intersection	136+22	136+95	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of W. Finland Dr. & Saxon Blvd	West side of intersection	91+73	91+83	No
Water	City of Deltona	Unknown Size Water Main	From 730-ft west to 410-ft west of intersection of W. Finland Dr. & Saxon Blvd	North side of road	84+53	91+83	No
Water	City of Deltona	Unknown Size Water Main	From intersection to 200-ft east of intersection of W. Finland Dr. & Saxon Blvd	North side of road	92+47	93+92	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of W. Finland Dr. & Saxon Blvd	North side of intersection	91+83	92+47	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of W. Apache Cir & Saxon Blvd	North side of intersection	96+89	97+58	No
Water	City of Deltona	Unknown Size Water Main	From intersection of W. Apache Cir & Saxon Blvd to 310-ft west of intersection of N. Normandy Blvd & Saxon Blvd	North side of road	97+58	107+39	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Diane Terrace & Saxon Blvd	West side of intersection	100+94	100+96	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of N. Normandy Blvd & Saxon Blvd	West side of intersection	110+09	110+22	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of N. Normandy Blvd & Saxon Blvd	North side of intersection	110+22	111+37	No
Water	City of Deltona	Unknown Size Water Main	From intersection of N. Normandy Blvd & Saxon Blvd to intersection of Bamboo Ct & Saxon Blvd	North side of road	111+37	126+57	Yes, relocate to run parallel to road
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Falmouth Ave & Saxon Blvd	West side of intersection	118+33	118+35	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Bamboo Ct & Saxon Blvd	West side of intersection	126+54	126+57	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Bamboo Ct & Saxon Blvd	West side of intersection	126+89	126+92	No
Water	City of Deltona	Unknown Size Water Main	From intersection of Bamboo Ct & Saxon Blvd to 150-ft east of intersection of Templewood Ave & Saxon Blvd	South side of road	126+54	135+16	No
Water	City of Deltona	Unknown Size Water Main	Crossing at intersection of Trinidad Ave & Saxon Blvd	West side of intersection	129+97	130+00	No
Wastewater/ Storm Water	City of Deltona	Unknown Size Sanitary Main	Crossing 290-ft east of intersection of Sunrise Blvd & Dirksen Dr.	N/A	69+33	69+34	No
Wastewater/ Storm Water	City of Deltona	Unknown Size Sanitary Main	From 290-ft east to 420-ft east of intersection of Sunrise Blvd & Dirksen Dr.	North side of road	69+33	70+58	No
Wastewater/ Storm Water	City of Deltona	Unknown Size Sanitary Main	From intersection of Debary Ave ramp to I-4 east bound & Debary Ave east for 190-ft	South side of road	83+00	86+72	No
Wastewater/ Storm Water	City of Deltona	Unknown Size Sanitary Main	Crossing of Debary Ave, 190-ft east of intersection of Debary Ave ramp to I-4 east bound & Debary Ave	N/A	86+63	86+72	No
Wastewater/ Storm Water	City of Deltona	Unknown Size Sanitary Main	From 340-ft east of intersection of Enterprise Rd & Debary Ave east to station 134+50 on Debary Ave	North side of road	124+56	134+50	No
Wastewater/ Storm Water	City of Deltona	Unknown Size Sanitary Main	Crossing at intersection of Main St. & Debary Ave	West side of road	136+04	136+06	No

#### 4.6 Duke Energy - Distribution (Formerly Progress Energy)

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From station 10+00 on Dirksen Dr. east to intersection of I-4 westbound ramp to Dirksen Dr. & Dirksen Dr.	North side of road	10+00	73+65	No

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Palm Rd & Dirksen Dr.	East side of intersection	61+21	62+10	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Dirksen Dr. 320-ft west of intersection of Palm Rd & Dirksen Dr.	N/A	57+85	58+18	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From Dirksen Dr. I-4 Overpass east to intersection of Lakefront Ct. & Debary Ave	North side of road	85+65	99+01	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of I-4 eastbound ramp to Dirksen Dr. & Dirksen Dr.	North side of intersection	83+95	85+65	Yes, relocation of poles required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Two Crossings 210-ft west of intersection of Lakefront Ct & Debary Ave	N/A	98+16	100+16	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Debary Ave 220-ft west of intersection of Enterprise Rd & Debary Ave	N/A	118+79	119+44	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of I-4 Corridor at Enterprise Rd, I-4 overpass	East side of overpass	2822+53	2826+11	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of I-4 Corridor 2140-ft west of Saxon Blvd, I-4 overpass	N/A	2892+34	2892+36	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of I-4 Corridor at Graves Ave, I-4 overpass	North side of overpass	3056+13	3056+91	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From Graves Ave, I-4 Overpass east 1260-ft on I-4 Corridor	West side of road	3056+13	3068+69	Yes, adjust to run parallel to road
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Enterprise Rd & Saxon Blvd	North side of intersection	5+14	7+30	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Enterprise Rd & Saxon Blvd	East side of intersection	6+66	7+12	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Boxham Ave & Saxon Blvd	East side of intersection	14+70	14+86	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing 110-ft west of intersection of Veterans Memorial Pkwy & Saxon Blvd	N/A	38+54	39+18	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From intersection of Treadgill Pl. & Saxon Blvd east to 410-ft west of intersection of I-4 westbound ramp to Saxon Blvd & Saxon Blvd	North side of road	19+00	64+00	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of W. Finland Dr. & Saxon Blvd	West side of intersection	91+58	91+63	Yes, relocation of poles required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of W. Finland Dr. & Saxon Blvd	South side of intersection	91+58	92+37	Yes, relocation of poles required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd from intersection to 170-ft east of W. Finland Dr. & Saxon Blvd	Diagonally across road	92+37	93+65	Yes, relocation of poles required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd from 170-ft east to 360-ft east of intersection of W. Finland Dr. & Saxon Blvd	Diagonally across road	93+65	95+74	Yes, relocation of poles required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From 140-ft west to 270-ft east of intersection of W. Apache Cir. & Saxon Blvd	South side of road	95+75	99+56	Yes, relocation of poles required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd from 165-ft west of to intersection of Diane Terrace & Saxon Blvd	Diagonally across road	99+56	100+92	Yes, relocation of poles required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From 260-ft west of intersection of Exotic Terrace & Saxon Blvd east to station 134+50 on Saxon Blvd	North side of road	100+92	134+50	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of N. Normandy Blvd & Saxon Blvd	West side of intersection	109+81	110+09	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd 120-ft east of intersection of N. Normandy Blvd & Saxon Blvd	N/A	111+76	111+79	Yes, relocation of poles required

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd 120-ft west of intersection of Falmouth Ave & Saxon Blvd	N/A	116+97	117+62	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd 210-ft west of intersection of Bamboo Ct. & Saxon Blvd	N/A	124+98	125+02	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Bamboo Ct. & Saxon Blvd	West side of intersection	126+62	126+84	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Trinidad Ave & Saxon Blvd	West side of intersection	129+91	129+92	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd 150-ft east of intersection of Templewood Ave & Saxon Blvd	N/A	134+75	135+06	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From station 10+00 on SR 472 east to 1070-ft west of intersection of I-4 westbound ramp to SR 472 & SR 472	North side of road	10+00	60+43	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of SR 472 1130-ft west of intersection of Martin Luther King Jr. Bellway & SR 472	N/A	28+70	28+70	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Martin Luther King Jr. Bellway & SR 472	East side of intersection	40+52	41+87	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Forest Edge Dr. & Howland Blvd	West side of intersection	111+18	111+37	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From intersection of Forest Edge Dr. & Howland Blvd east to station 134+00 on Howland Blvd	North side of road	112+06	134+00	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Howland Blvd, 500-ft west of intersection of Wolf Pack Run & Howland Blvd	N/A	119+91	119+96	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of Wolf Pack Run & Howland Blvd	West side of intersection	124+25	124+32	No
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Howland Blvd 300-ft west of intersection of Wolf Pack Run & Howland Blvd	N/A	122+40	122+46	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing of Dirksen Dr. 750-ft east of intersection of Mansion Blvd & Dirksen Dr.	N/A	50+31	50+56	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing at intersection of Mansion Blvd & Dirksen Dr.	West side of intersection	42+67	42+75	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing of Dirksen Dr. 1100-ft east of intersection of Clara Vista St & Dirksen Dr.	N/A	26+79	27+27	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing at intersection of Clara Vista St & Dirksen Dr.	West side of intersection	15+46	15+63	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing of Debary Ave 330-ft west of intersection of Deltona Blvd & Debary Ave	N/A	86+46	87+32	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing of Debary Ave 250-ft west of intersection of Deltona Blvd & Debary Ave	N/A	87+51	88+08	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing at intersection of Lakefront Ct & Debary Ave	Diagonally across intersection	98+16	101+90	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	From 220-ft west of to intersection of Enterprise Rd & Debary Ave on Debary Ave	North side of road	119+36	120+65	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing 850-ft west of intersection of N. Rd & Debary Ave	N/A	128+10	128+11	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing of Debary Ave 90-ft west of intersection of N. Rd & Debary Ave	N/A	135+50	135+50	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing at intersection of Main St & Debary Ave	East side of intersection	136+96	136+96	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	From 850-ft west to 650-ft east of intersection of N. Rd & Debary Ave	South side of road	128+11	141+14	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing of Saxon Blvd 730-ft west of intersection of W. Finland Dr. & Saxon Blvd	N/A	84+58	85+07	Yes, relocation of poles required



Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing at intersection of Roseapple Ave & Howland Blvd	West to center of intersection	131+97	132+37	No
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing at intersection of Red Fox Run & Howland Blvd	East side of intersection	139+95	139+95	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Dirksen Dr. 160-ft east of intersection of Mansion Blvd & Dirksen Dr.	N/A	44+59	44+68	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing at intersection of Deltona Blvd & Debary Ave	East side of intersection	90+69	91+18	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Debary Ave 430-ft east of intersection of Main St & Debary Ave	N/A	140+72	140+89	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Debary Ave 580-ft east of intersection of Main St & Debary Ave	N/A	142+21	142+38	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Debary Ave 210-ft east of intersection of Veterans Memorial Pkwy & Saxon Blvd	N/A	42+00	42+04	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Saxon Blvd 330-ft east of intersection of Enterprise Rd & Saxon Blvd	N/A	9+63	9+96	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Saxon Blvd 1220-ft east of intersection of Veterans Memorial Pkwy & Saxon Blvd	N/A	52+17	52+18	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Saxon Blvd 660-ft west of intersection of I-4 westbound ramp to Saxon	N/A	57+04	57+06	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing at intersection of Forest Edge Dr. & SR 472	North side of intersection	111+37	112+07	No
Electricity	Duke Energy Distribution	120 V Aerial Electric	Crossing of Howland Blvd 170-ft west of intersection of Red Fox Run & Howland Blvd	N/A	138+01	138+02	No
Electricity	Duke Energy Distribution	Unknown Size Aerial Electric	Crossing at intersection of Sunrise Blvd & Dirksen Dr.	East side of intersection	104+00	104+03	No
Electricity	Duke Energy Distribution	Unknown Size Aerial Electric	Crossing of Saxon Blvd 210-ft east of intersection of Tiffin Ave & Saxon Blvd	N/A	122+32	122+62	No
Electricity	Duke Energy Distribution	13 KV Underground Electric	Crossing of I-4 Corridor at Dirksen Dr., I-4 Underpass	North side of underpass	2915+76	2914+84	No
Electricity	Duke Energy Distribution	13 KV Underground Electric	Crossing of Saxon Blvd from intersection of Enterprise Rd & Saxon Blvd to 260-ft east of intersection	Diagonally across road	7+47	9+17	No
Electricity	Duke Energy Distribution	13 KV Underground Electric	Crossing of Saxon Blvd 520-ft west of intersection of I-4 westbound ramp to Saxon Blvd & Saxon Blvd	N/A	58+12	58+15	No
Electricity	Duke Energy Distribution	13 KV Underground Electric	From 520-ft west of to 360-ft west of intersection of I-4 westbound ramp to Saxon Blvd & Saxon Blvd	South side of road	58+12	58+73	No
Electricity	Duke Energy Distribution	7.2 KV Underground Electric	From 1490-ft west of to 990-ft west of SR 472 overpass, along I-4 corridor	West side of road	3064+20	3069+00	Yes, adjust to be parallel to proposed road
Electricity	Duke Energy Distribution	7.2 KV Underground Electric	Crossing of Dirksen Dr. at intersection of I-4 westbound ramp to Dirksen Dr. & Dirksen Dr.	East side of intersection	72+78	73+65	Yes, relocation of line parallel to I-4 Corridor

#### 4.7 Duke Energy – Transmission (Formerly Progress Energy)

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Crossing of Debary Ave, 850-ft west of intersection of Enterprise Rd & Debary Ave	N/A	111+92	113+07	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Crossing of Debary Ave, 800-ft west of intersection of Enterprise Rd & Debary Ave	N/A	112+30	113+58	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Three crossings of Debary Ave, 650-ft west of intersection of Enterprise Rd & Debary Ave	N/A	114+18	115+45	No

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Two crossings of Debary Ave, 250-ft west of intersection of Enterprise Rd & Debary Ave	N/A	118+54	118+86	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From 330-ft east of intersection of Enterprise Rd & Saxon Blvd east on Saxon Blvd to 760-ft east of intersection of Veterans Memorial Pkwy & Saxon Blvd	North side of road	9+96	117+12	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From intersection of Enterprise Rd & Saxon Blvd east to intersection of Veterans Memorial Pkwy & Saxon Blvd	North side of road	6+62	39+33	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From intersection of I-4 westbound to Saxon Blvd westbound & Saxon Blvd east to intersection of W. Finland Dr. & Saxon Blvd	North side of road	63+56	91+62	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, from intersection to 400-ft east of W. Finland Dr. & Saxon Blvd	Diagonal across road	91+62	95+75	Yes, relocation of poles required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, from 150-ft west of intersection of W. Apache Circle & Saxon Blvd to intersection of Diane Terrace & Saxon Blvd	Diagonal across road	95+75	100+92	Yes, relocation of poles required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From intersection of Diane Terrace & Saxon Blvd east on Saxon Blvd to 130-ft east of intersection of Exotic Terrace & Saxon Blvd	North side of road	100+92	104+64	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, 130-ft east of intersection of Exotic Terrace & Saxon Blvd east to intersection of N. Normandy Blvd & Saxon Blvd	Diagonal across road	104+64	109+81	Yes, relocation of poles required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, from intersection to 450-ft east of intersection of N. Normandy Blvd & Saxon Blvd	Diagonal across road	109+81	114+74	Yes, relocation of poles required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, from 390-ft west to 230-ft west of intersection of Falmouth Ave & Saxon Blvd	Diagonal across road	114+74	122+53	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal Crossing of Saxon Blvd, from 230-ft east to 490-ft east of intersection of Falmouth Ave & Saxon Blvd	Diagonal across road	122+53	124+00	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From 620-ft west of intersection of Trinidad Ave & Saxon Blvd east on Saxon Blvd to 160-ft east of intersection of Templewood Ave & Saxon Blvd	North side of road	124+00	134+87	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal Crossing of Saxon Blvd, 400-ft west of to 40-ft east of intersection of Fruitland Ave & Saxon Blvd	Diagonal across road	134+87	139+52	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From 500-ft west of to intersection of Forest Edge Dr. & SR 472	South side of road	105+45	111+18	Yes, relocation of poles required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal Crossing of Howland Blvd from intersection to 400-ft east of intersection of Forest Edge Dr. & Saxon Blvd	Diagonal across road	111+00	116+34	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Crossing of Howland Blvd, 800-ft west of intersection of Red Fox Run & Howland Blvd	N/A	131+86	132+37	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From 800-ft west of to 530-ft west of intersection of Red Fox Run & Howland Blvd	South side of road	131+90	134+47	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Two Crossings of I-4 Corridor, Enterprise Rd, I-4 Corridor Overpass	East side of overpass	2820+57	2825+92	No

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Six crossing of I-4 Corridor, between 320-ft east and 550-ft east of Debary Ave, I-4 Corridor underpass	N/A	2767+91	2772+19	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Crossing of I-4 Corridor, 6850-ft west of SR 472, I-4 overpass	N/A	2986+84	2987+90	No
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From 6850-ft west of SR 472, I-4 overpass east on I-4 to Graves Ave, I-4 Corridor overpass	East side of road	2987+90	3055+94	Yes, adjust to run parallel to road.
Electricity	Duke Energy Transmission	69 KV Aerial Electric	Two crossings at intersection of Enterprise Rd & Saxon Blvd	East side of intersection	6+67	7+43	No

#### 4.8 Florida Gas Transmission

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Natural Gas	Florida Gas Transmission	8.625" Natural Gas Main	From 175-ft west of intersection of Marsh Landark Cir. & Dirksen Dr. to intersection of Palm Rd & Dirksen Dr.	North side of road	53+00	61+00	No
Natural Gas	Florida Gas Transmission	8.625" Natural Gas Main Out of Service	From 140-ft west of intersection of Palm Rd. & Dirksen Dr. east to station 134+50 on Debary Ave.	South side of road	59+72	134+50	No
Natural Gas	Florida Gas Transmission	6.625" Natural Gas Main	Crossing at intersection of Broward Ave & Saxon Blvd	East side of intersection	40+33	40+40	No
Natural Gas	Florida Gas Transmission	6.625" Natural Gas Main	Crossing at intersection of Palm Rd & Dirksen Dr.	North side of intersection	61+10	61+72	No

#### 4.9 Florida Power & Light

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Electricity	Florida Power and Light	230 KV Aerial Electric	Two Crossings of I-4 Corridor, 350-ft north of the Saxon Blvd, I-4 Overpass	N/A	2917+67	2918+70	No
Electricity	Florida Power and Light	115 KV Aerial Electric	Crossing at the intersection of Wolf Pack Run and Howland Blvd	East side of the intersection.	125+01	125+21	No
Electricity	Florida Power and Light	115 KV Aerial Electric	Crossing of I-4 Corridor, 700-ft north of the Saxon Blvd, I-4 Overpass	N/A	2917+61	2918+80	No

#### 4.10 Florida Public Utilities

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Natural Gas	Florida Public Utilities	6" Natural Gas Main	From intersection of Enterprise Rd & Saxon Blvd to intersection of Treadgill Pl. & Saxon Blvd	North side of road	7+04	19+00	No
Natural Gas	Florida Public Utilities	6" Natural Gas Main	From intersection of Palm Rd & Dirksen Dr. to intersection of Deltona Blvd & Debary Ave	North side of road	61+50	89+58	No
Natural Gas	Florida Public Utilities	4" Natural Gas Main	Crossing at intersection of Enterprise Rd & Saxon Blvd	East side of intersection	8+17	8+17	No
Natural Gas	Florida Public Utilities	2" Natural Gas Main	Crossing at intersection of Boxham Ave & Saxon Blvd	N/A	14+07	14+82	No
Natural Gas	Florida Public Utilities	1.25" Natural Gas Main	From intersection of Boxham Ave. & Saxon Blvd to 150-ft west of intersection of Treadgill Pl & Saxon Blvd	South side of road	14+82	16+94	No
Natural Gas	Florida Public Utilities	1.25" Natural Gas Main	Crossing at intersection of Palm Rd & Dirksen Dr.	East side of intersection	61+40	61+72	No

## 4.11 FPL Fibernet

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	FPL Fibernet	Unknown Size Underground Fiber Optic	Crossing of the I-4 Corridor, 460-ft east of Saxon, I-4 Overpass	N/A	2915+76	2920+99	No
Communications	FPL Fibernet	Unknown Size Underground Fiber Optic	Crossing at the intersection of Enterprise Rd and Saxon Blvd	West side of intersection	5+13	6+12	No

## 4.12 Sunesys LLC

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	Sunesy	Unknown Size Underground Fiber Optic	I-4 crossing south side of Enterprise Rd overpass	South side of overpass	2813+46	2833+46	No
Communications	Sunesy	Unknown Size Underground Fiber Optic	From intersection of E. Graves Ave to intersection of Forest Edge Dr. & SR 472	South side of road	100+35	110+95	No
Communications	Sunesy	Unknown Size Underground Fiber Optic	Crossing at intersection of Forest Edge Dr. & Saxon Blvd	West side of intersection	110+93	110+94	No
Communications	Sunesy	Unknown Size Aerial Fiber Optic	From intersection of Forest Edge Dr. & Saxon Blvd. to intersection of Wolf Pack Run & Saxon Blvd	North side of road	110+93	124+41	No
Communications	Sunesy	Unknown Size Aerial Fiber Optic	Crossing at intersection of Wolf Pack Run & Saxon Blvd	West side of intersection	124+41	124+53	No
Communications	Sunesy	2-2" Underground Fiber Optic	Crossing I-4 Corridor at Graves Ave overpass	North side of overpass	3058+95	3053+96	No

## 4.13 TW Telecom

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Communications	TW Telecom	Underground Fiber Optic Cable	From intersection of Medical Center Dr. & Saxon Blvd to intersection of Veterans Memorial Pkwy & Saxon Blvd	North side of road	32+55	39+37	No

## 4.14 Volusia County Utilities

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Water	Volusia County	14" Reclaim Water Main	Crossing at intersection of Wolf Pack Run & Howland Blvd	East side of intersection	125+16	125+23	No
Water	Volusia County	14" Reclaim Water Main	From intersection of Wolf Pack Run & Howland Blvd to intersection of Roseapple Ave & Howland Blvd	North side of road	125+16	132+42	No
Water	Volusia County	12" Reclaim Water Main	Crossing of I-4 Corridor, 6570-ft south of SR 472, I-4 overpass	N/A	3013+87	3015+22	No
Water	Volusia County	16" Water Main	Crossing at intersection of Martin Luther King Jr. Bellway & SR 472	West side of intersection	37+96	37+96	No
Water	Volusia County	16" Water Main	From intersection of Martin Luther King Jr. Bellway to intersection of E. Graves Ave & Howland Blvd	South side of road	37+96	99+99	Yes, adjust to run parallel to the road.
Water	Volusia County	16" Water Main	From 300-ft west of intersection of Forest Edge Dr. & Howland Blvd east to intersection of Wolf Pack Run & Howland Blvd	South side of road	112+39	124+38	No
Water	Volusia County	12" Water Main	Crossing at intersection of E. Graves Ave & Howland Blvd	West side of intersection	99+77	99+99	No



Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required
Water	Volusia County	12" Water Main	Crossing 390-ft east of intersection of Martin Luther King Jr. Bellway & SR 472	N/A	43+87	43+87	No
Water	Volusia County	12" Water Main	Crossing 1060-ft east of intersection of Martin Luther King Jr. Bellway & SR 472	N/A	54+40	54+42	No
Water	Volusia County	12" Water Main	From intersection of Wolf Pack Run & Howland Blvd to intersection of Roseapple Ave & Howland Blvd	South side of road	124+98	131+92	No
Water	Volusia County	12" Water Main	From intersection of Wolf Pack Run & Howland Blvd east to station 134+00 on Howland Blvd	South side of road	131+92	134+00	No
Water	Volusia County	12" Water Main	Crossing at intersection of Roseapple Ave & Howland Blvd	West side of intersection	131+92	131+93	No
Water	Volusia County	10" Water Main	From intersection of Boxham Ave & Saxon Blvd to 300-ft west of intersection of west bound Saxon Blvd ramp to I-4 West Bound & Saxon Blvd	South side of road	14+75	60+67	No
Water	Volusia County	10" Water Main	Crossing at intersection of Broward Ave & Saxon Blvd	South side of intersection	39+65	40+97	No
Water	Volusia County	10" Water Main	From intersection of Forest Edge Dr. & Howland Blvd to intersection of Wolf Pack Run & Howland Blvd	South side of intersection	112+38	124+38	No
Water	Volusia County	10" Water Main	Crossing at intersection of Forest Edge Dr. & Howland Blvd	East side of intersection	112+37	112+39	No
Wastewater/ Storm Water	Volusia County	10" Force Main	Crossing at intersection of Roseapple Ave & Howland Blvd	North-center of intersection	131+50	133+00	No
Wastewater/ Storm Water	Volusia County	10" Force Main	Crossing 200-ft east of intersection of Roseapple Ave & Howland Blvd	N/A	134+00	134+21	No
Wastewater/ Storm Water	Volusia County	8" Force Main	Crossing of I-4 Corridor at Graves Ave & I-4 Overpass	South side of overpass	3054+57	3055+27	No
Wastewater/ Storm Water	Volusia County	8" Force Main	From 630-ft west to 220-ft west of intersection of Broward Ave & Saxon Blvd	South side of road	37+89	40+65	No
Wastewater/ Storm Water	Volusia County	8" Force Main	From intersection to 440-ft east of intersection to Veterans Memorial Pkwy & Saxon Blvd	South side of road	40+68	44+65	No
Wastewater/ Storm Water	Volusia County	8" Force Main	Crossing at intersection of E. Graves Ave & Howland Blvd	West side of intersection	100+01	100+19	No
Wastewater/ Storm Water	Volusia County	6" Force Main	Crossing at intersection of Wolf Pack Run & Howland Blvd	West side of intersection	124+34	124+53	No
Wastewater/ Storm Water	Volusia County	6" Force Main	From 220-ft east of intersection Wolf Pack Run & Howland Blvd east to station 134+00 on Howland Blvd	North side of road	124+34	134+00	No
Wastewater/ Storm Water	Volusia County	6" Force Main	Crossing at intersection of Red Fox Run & Howland Blvd	South-center of intersection	138+06	138+06	No
Wastewater/ Storm Water	Volusia County	Force Main of Varying Size	From intersection of Martin Luther King Jr. Bellway east to station 134+00 on Howland Blvd	North side of road	40+04	134+00	Yes, adjust to run parallel to road.

## 5.0 Summary

The appendix contains utility plan sheets showing existing utilities within the corridor of the project, as well as a detailed breakdown of the estimated cost of utilities requiring relocation. Our research has concluded utility relocation and adjustment costs will be in the range of \$7,542,000.



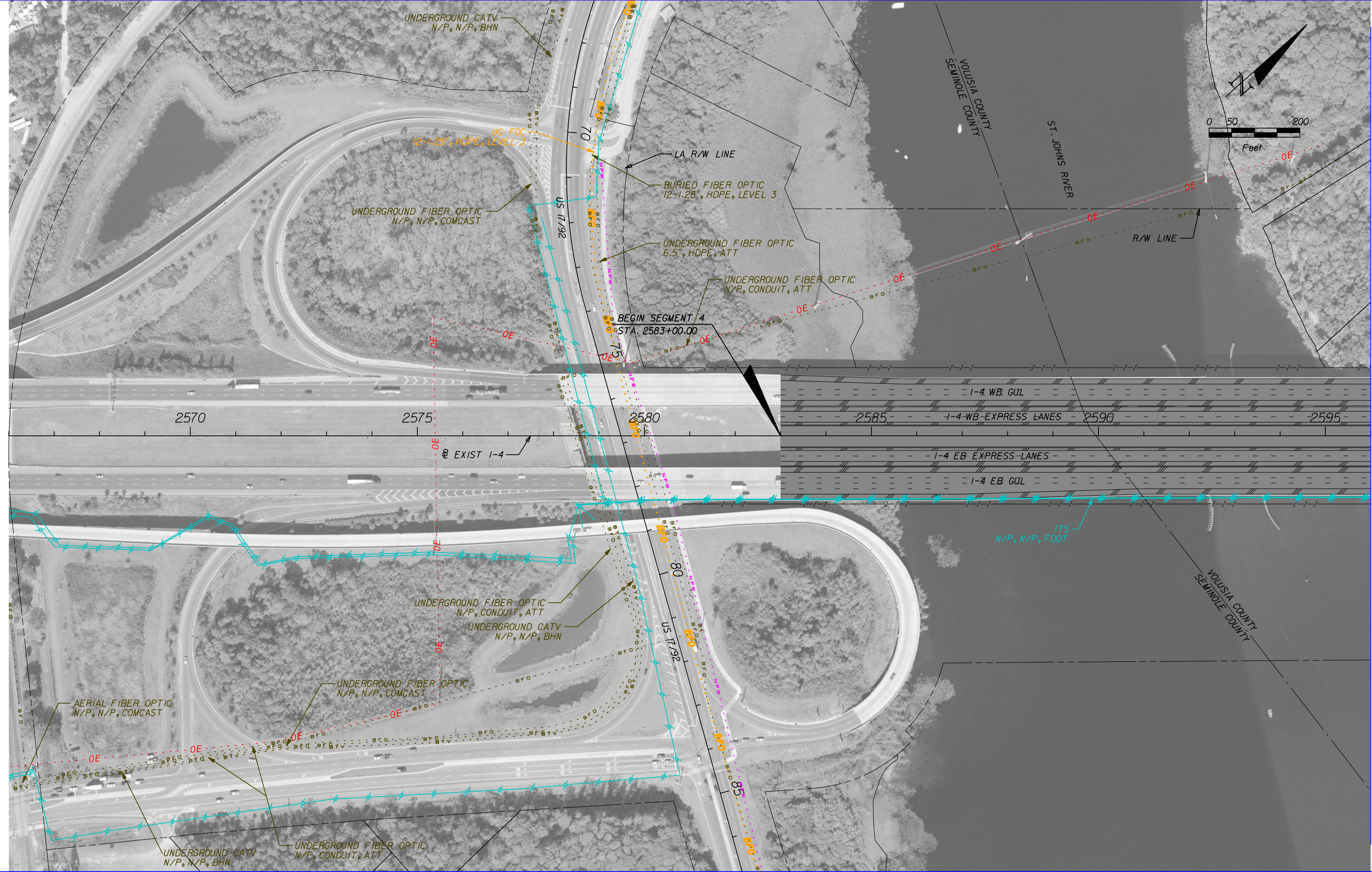
## Appendix A: Estimate Relocation Costs

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required	Relocation Cost
Communications	AT&T	48 PR Aerial Fiber Optic Cable	From 330-ft east of intersection of Veterans Memorial Pkwy & Saxon Blvd east on Saxon Blvd to intersection of I-4 westbound ramp to Saxon Blvd & Saxon Blvd	North side of road	43+40	59+38	Yes, relocation of poles required	\$175,000
Communications	AT&T	48 PR Aerial Fiber Optic Cable	Crossing of Saxon Blvd 440-ft east of intersection of Saxon Blvd ramp to I-4 eastbound & Saxon Blvd	N/A	84+56	85+04	Yes, relocation of poles required	\$175,000
Communications	AT&T Corporation	6.5" Underground Fiber Optic	Crossing at intersection of N. Kentucky Ave & SR 472	East side of intersection	39+69	41+43	Yes, adjust to run parallel to road.	\$25,000
Communications	BrightHouse Networks	Unknown Size Underground Fiber Optic	From 1730-ft south to 1000-ft north of Enterprise Rd on I-4 Corridor	West side of road	2806+00	2833+28	Yes, adjust to run parallel to road.	\$25,000
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of I-4 west bound ramp to Saxon Blvd & Saxon Blvd to intersection of W. Apache Circle & Saxon Blvd	South side of road	62+71	95+91	Yes, adjust to run parallel to road.	\$10,000
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	Crossing at intersection of N. Normandy Blvd & Saxon Blvd	West side of intersection	109+96	110+03	Yes, extend across proposed Saxon Blvd.	\$5,000
Communications	CenturyLink	Underground Fiber Optic/Copper Cable of Varying Strand Count	From intersection of N. Normandy Blvd & Saxon Blvd to intersection of Falmouth Ave & Saxon Blvd	South side of road	110+94	116+48	Yes, adjust to run parallel to road.	\$10,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of I-4 eastbound ramp to Dirksen Dr. & Dirksen Dr.	North side of intersection	83+95	85+65	Yes, relocation of poles required	\$15,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From Graves Ave, I-4 Overpass east 1260-ft on I-4 Corridor	West side of road	3056+13	3068+69	Yes, adjust to run parallel to road	\$50,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of W. Finland Dr. & Saxon Blvd	West side of intersection	91+58	91+63	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing at intersection of W. Finland Dr. & Saxon Blvd	South side of intersection	91+58	92+37	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd from intersection to 170-ft east of W. Finland Dr. & Saxon Blvd	Diagonally across road	92+37	93+65	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd from 170-ft east to 360-ft east of intersection of W. Finland Dr. & Saxon Blvd	Diagonally across road	93+65	95+74	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	From 140-ft west to 270-ft east of intersection of W. Apache Cir. & Saxon Blvd	South side of road	95+75	99+56	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd from 165-ft west of to intersection of Diane Terrace & Saxon Blvd	Diagonally across road	99+56	100+92	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	13 KV Aerial Electric	Crossing of Saxon Blvd 120-ft east of intersection of N. Normandy Blvd & Saxon Blvd	N/A	111+76	111+79	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	7.2 KV Aerial Electric	Crossing of Saxon Blvd 730-ft west of intersection of W. Finland Dr. & Saxon Blvd	N/A	84+58	85+07	Yes, relocation of poles required	\$10,000
Electricity	Duke Energy Distribution	7.2 KV Underground Electric	From 1490-ft west of to 990-ft west of SR 472 overpass, along I-4 corridor	West side of road	3064+20	3069+00	Yes, adjust to be parallel to proposed road	\$10,000
Electricity	Duke Energy Distribution	7.2 KV Underground Electric	Crossing of Dirksen Dr. at intersection of I-4 westbound ramp to Dirksen Dr. & Dirksen Dr.	East side of intersection	72+78	73+65	Yes, relocation of line parallel to I-4 Corridor	\$10,000

Type of Utility	Utility Owner	Type of Facility	Limits	Offset / Side	Begin Sta.	End Sta.	Relocation Required	Relocation Cost
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, from intersection to 400-ft east of W. Finland Dr. & Saxon Blvd	Diagonal across road	91+62	95+75	Yes, relocation of poles required	\$950,000
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, from 150-ft west of intersection of W. Apache Circle & Saxon Blvd to intersection of Diane Terrace & Saxon Blvd	Diagonal across road	95+75	100+92	Yes, relocation of poles required	\$950,000
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, 130-ft east of intersection of Exotic Terrace & Saxon Blvd east to intersection of N. Normandy Blvd & Saxon Blvd	Diagonal across road	104+64	109+81	Yes, relocation of poles required	\$950,000
Electricity	Duke Energy Transmission	115 KV Aerial Electric	Diagonal crossing of Saxon Blvd, from intersection to 450-ft east of intersection of N. Normandy Blvd & Saxon Blvd	Diagonal across road	109+81	114+74	Yes, relocation of poles required	\$950,000
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From 500-ft west of to intersection of Forest Edge Dr. & SR 472	South side of road	105+45	111+18	Yes, relocation of poles required	\$950,000
Electricity	Duke Energy Transmission	115 KV Aerial Electric	From 6850-ft west of SR 472, I-4 overpass east on I-4 to Graves Ave, I-4 Corridor overpass	East side of road	2987+90	3055+94	Yes, adjust to run parallel to road.	\$950,000
Water	City of Deltona	Unknown Size Water Main	From intersection of N. Normandy Blvd & Saxon Blvd to intersection of Bamboo Ct & Saxon Blvd	North side of road	111+37	126+57	Yes, relocate to run parallel to road	\$50,000
Water	Volusia County	16" Water Main	From intersection of Martin Luther King Jr. Bellway to intersection of E. Graves Ave & Howland Blvd	South side of road	37+96	99+99	Yes, adjust to run parallel to the road.	\$650,000
Wastewater/ Storm Water	Volusia County	Force Main of Varying Size	From intersection of Martin Luther King Jr. Bellway east to station 134+00 on Howland Blvd	North side of road	40+04	134+00	Yes, adjust to run parallel to road.	\$552,000
Estimated Total Cost								\$7,542,000

## Appendix B: Existing Utility Plan Sheets





MATCHLINE STA. 2596+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

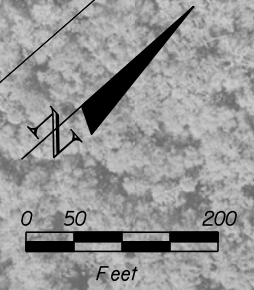
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610 CRESCENT EXECUTIVE CT  
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CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	SEMINOLE VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
MAINLINE  
SEGMENT 4**

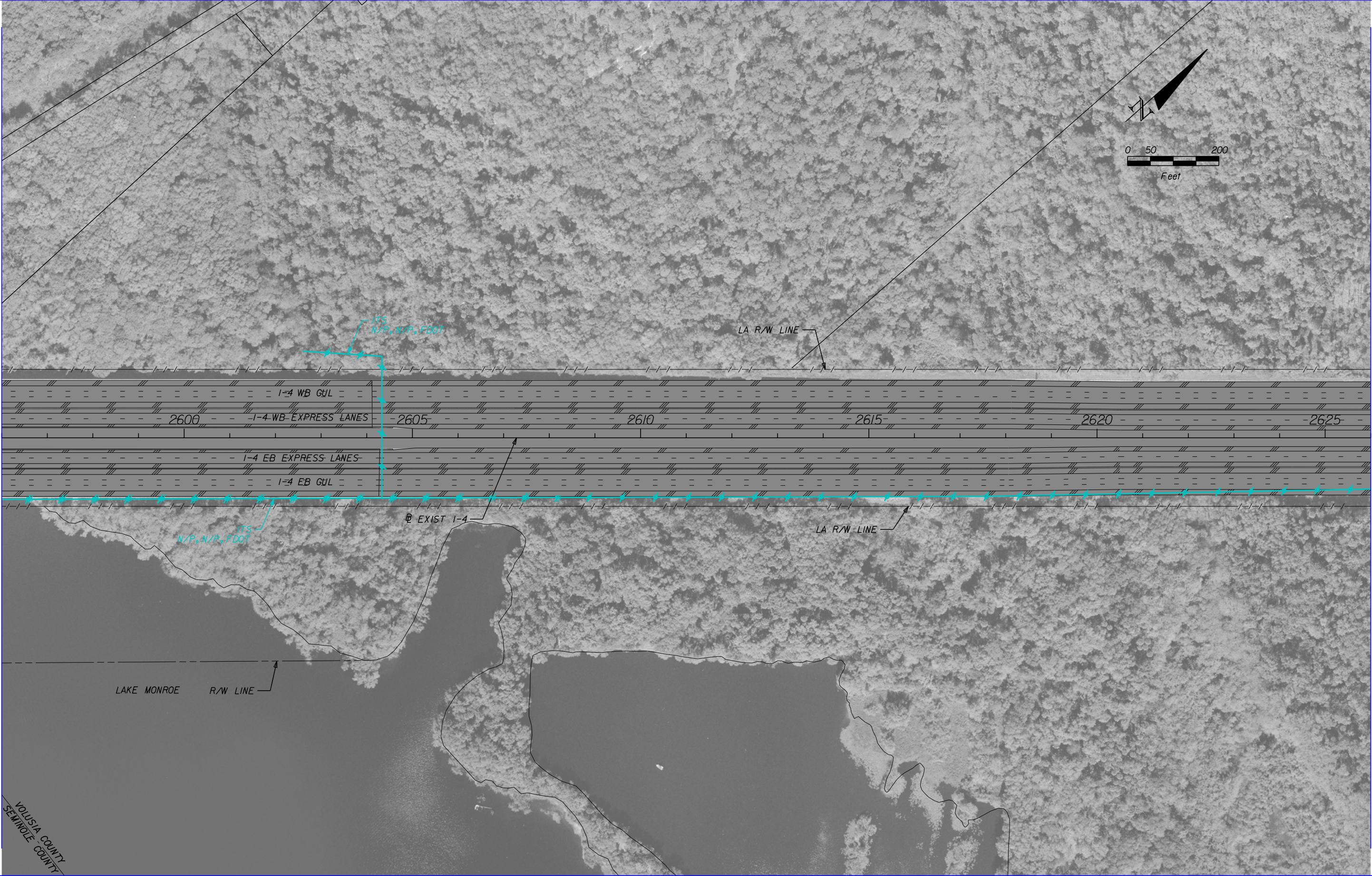
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MATCHLINE STA. 2596+00.00

MATCHLINE STA. 2626+00.00



VOLUSIA COUNTY  
SEMINOLE COUNTY

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

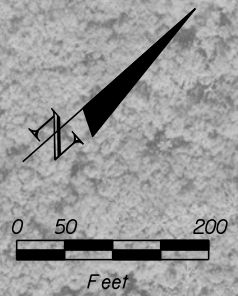
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

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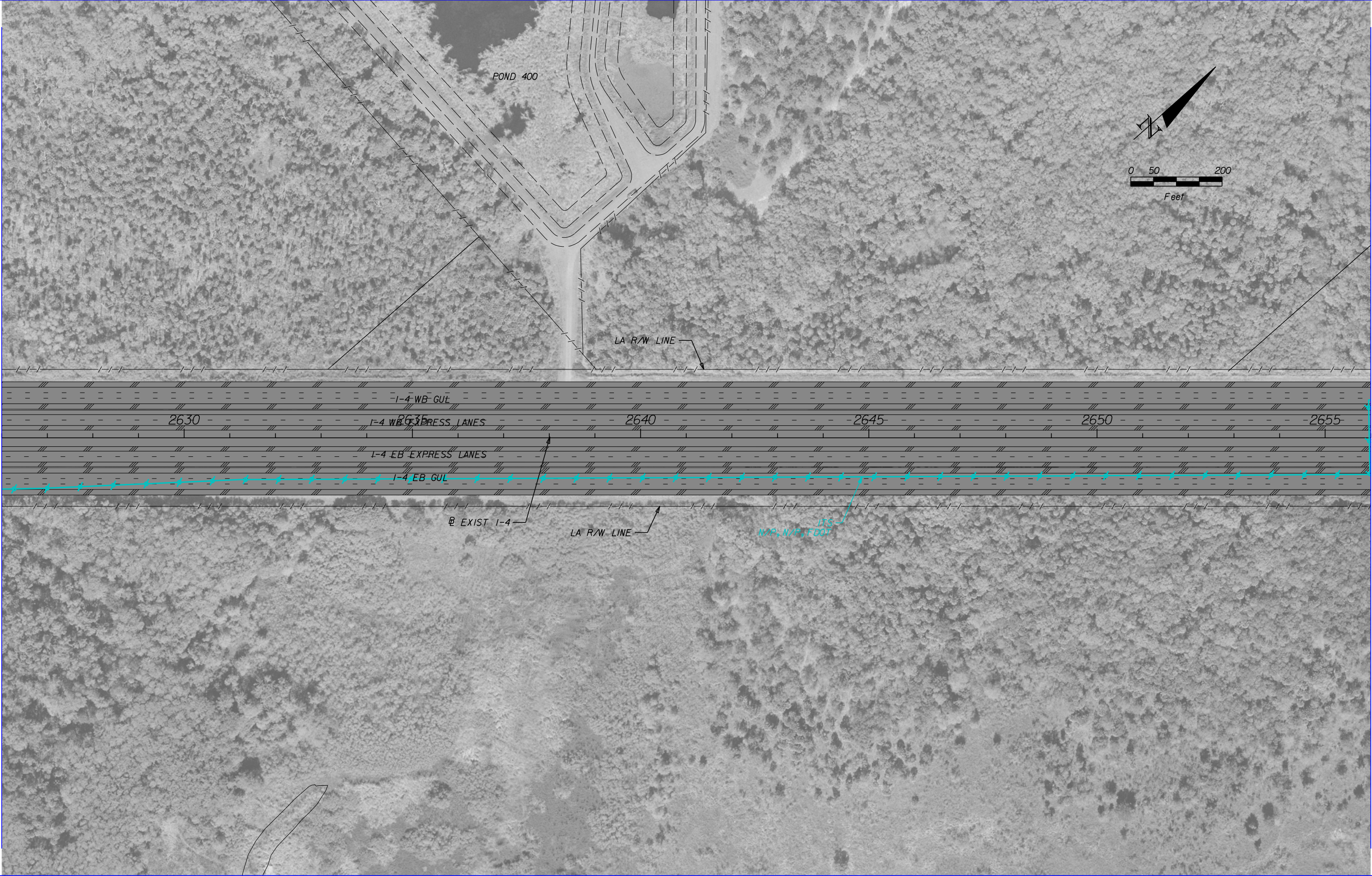
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MATCHLINE STA. 2656+00.00



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	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

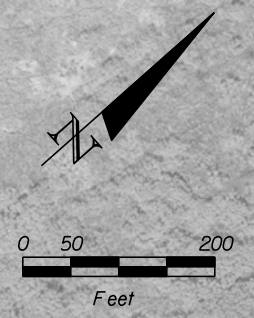
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

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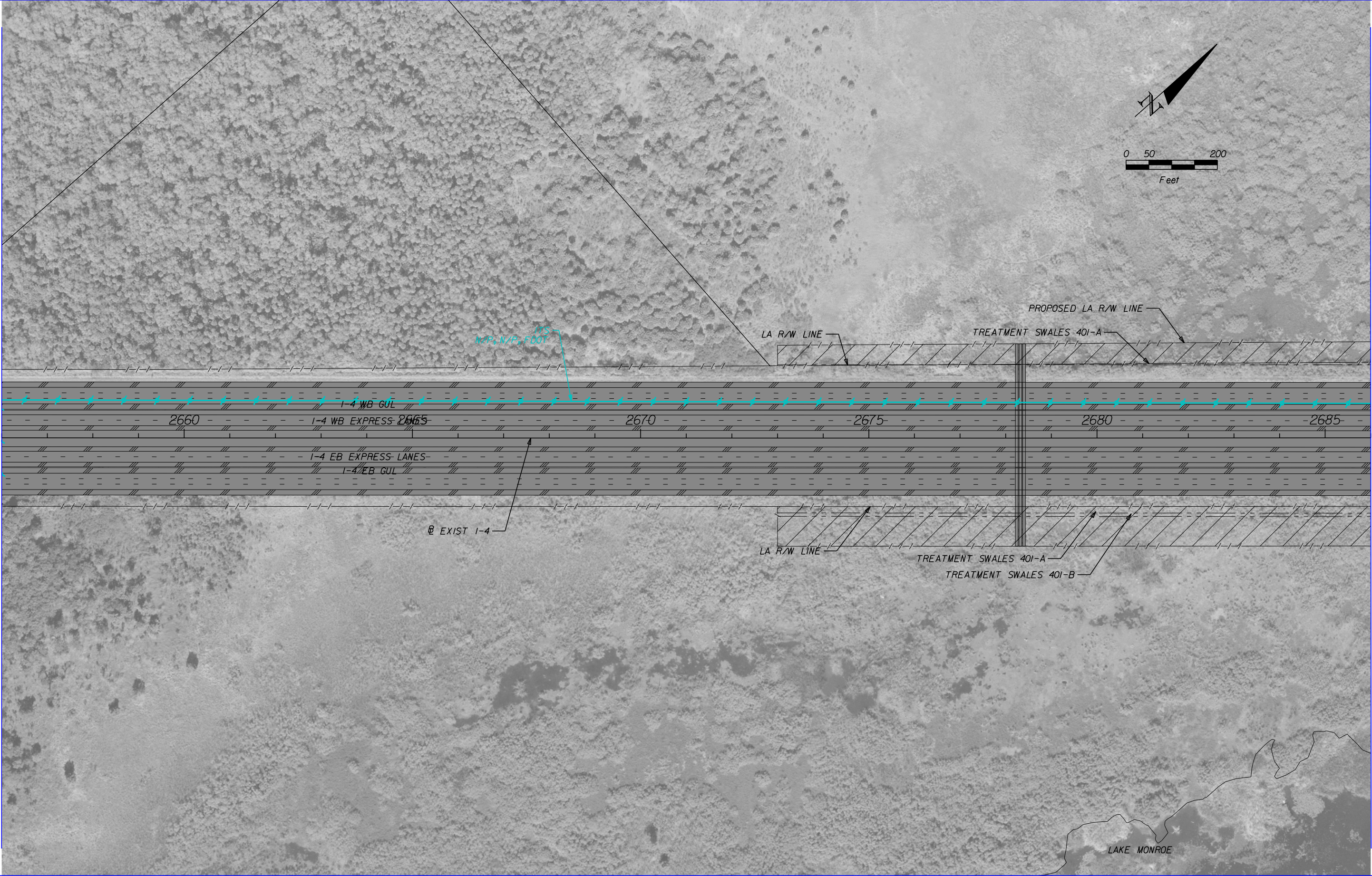
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MATCHLINE STA. 2686+00.00



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	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

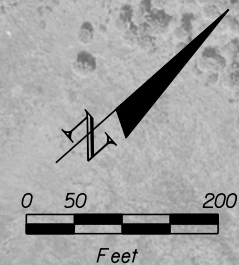
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SEGMENT 4**

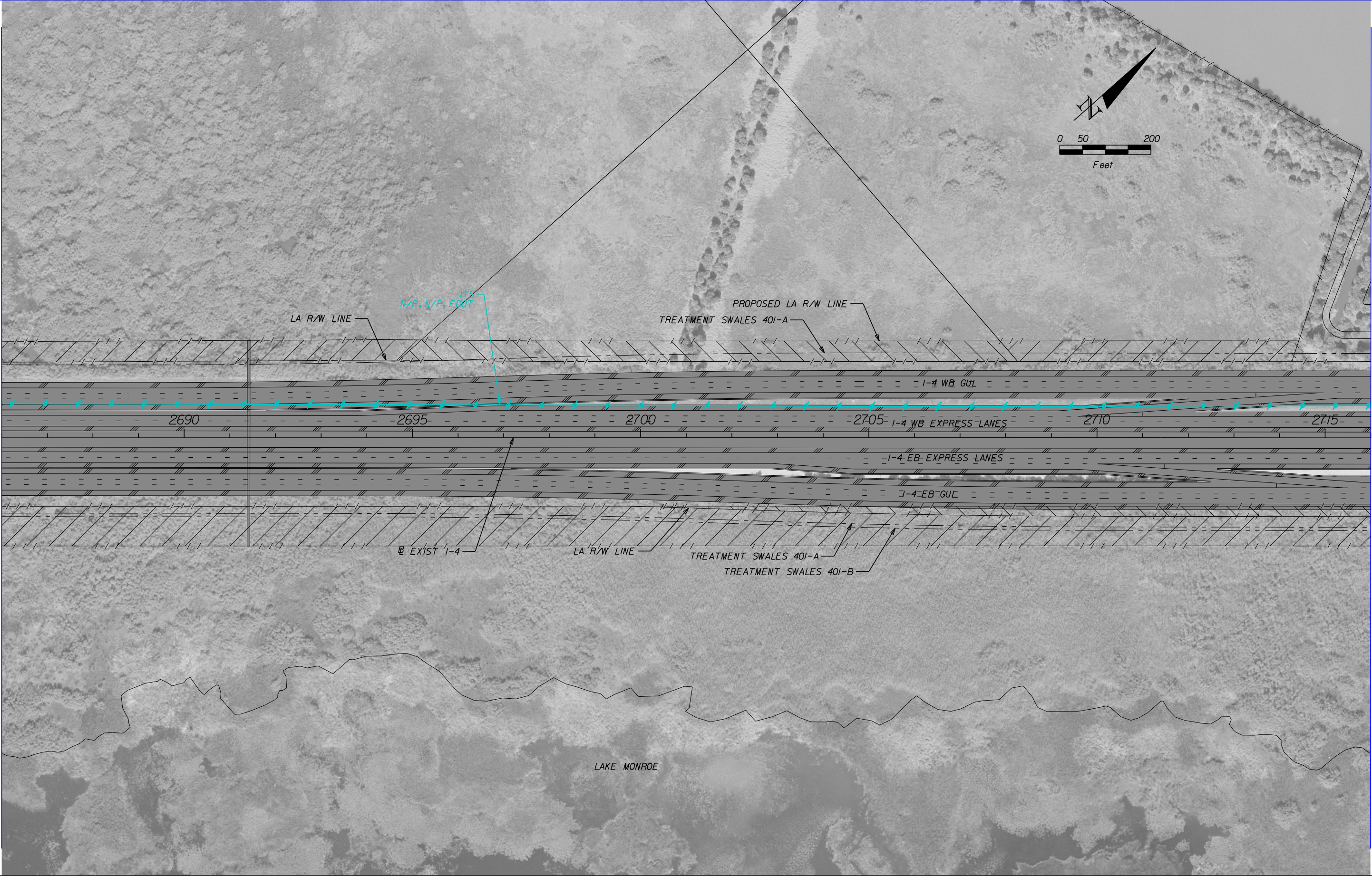
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MATCHLINE STA. 2716+00.00



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	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

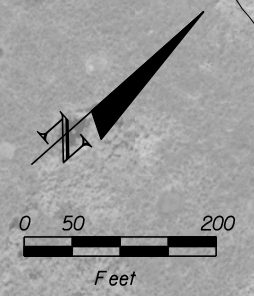
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

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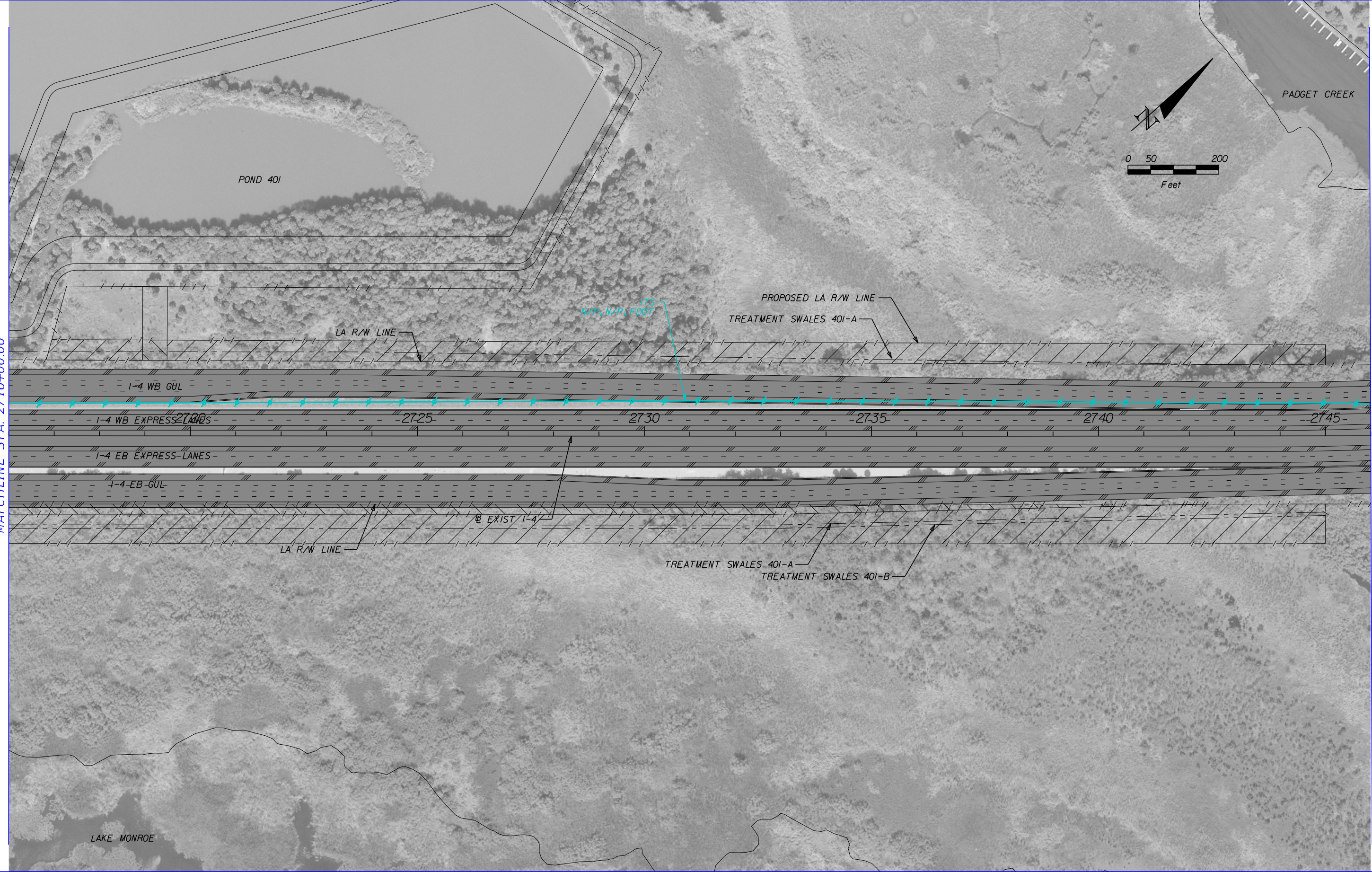
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MATCHLINE STA. 2746+00.00



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	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

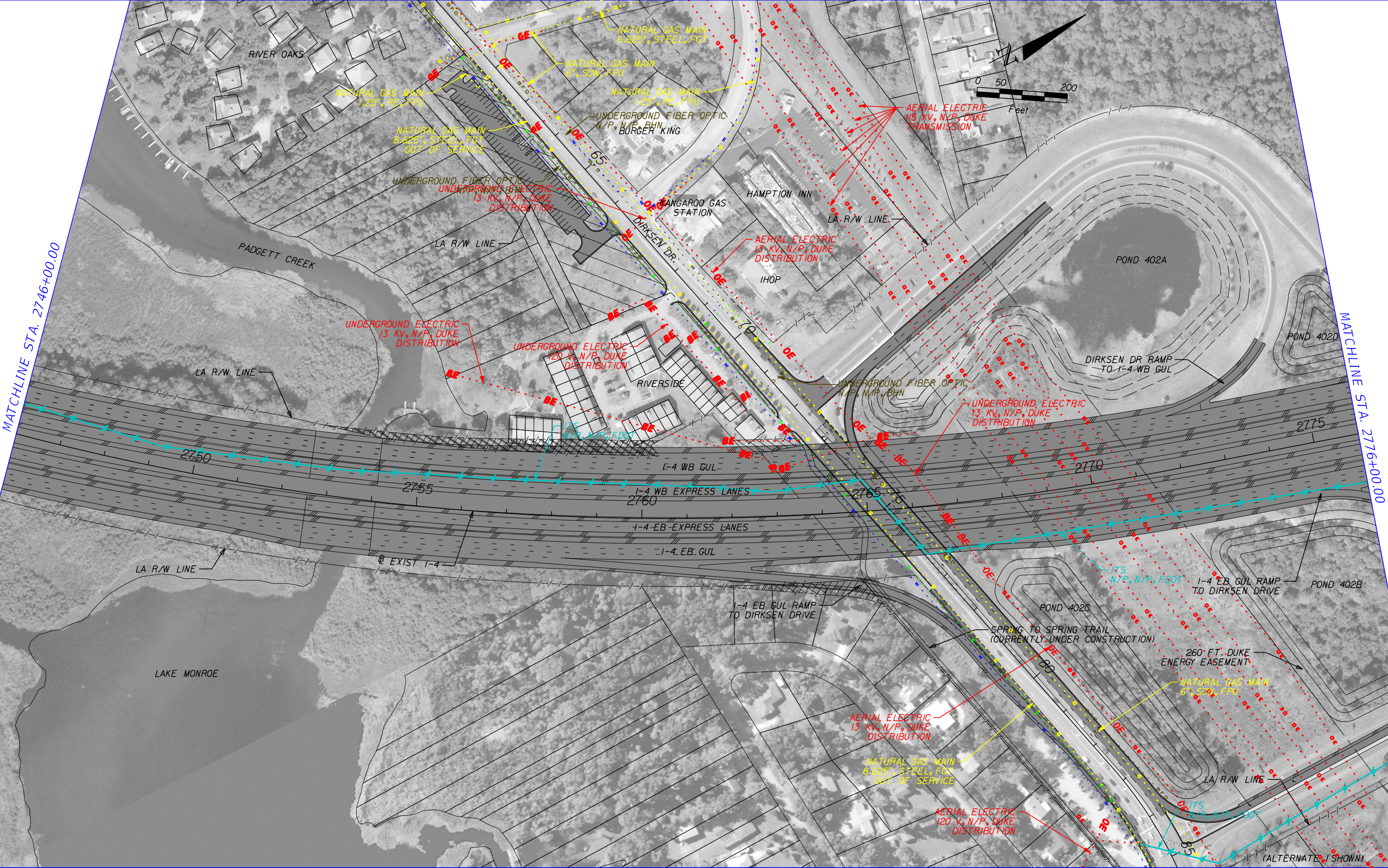
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400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET NO.  
**6**





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	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

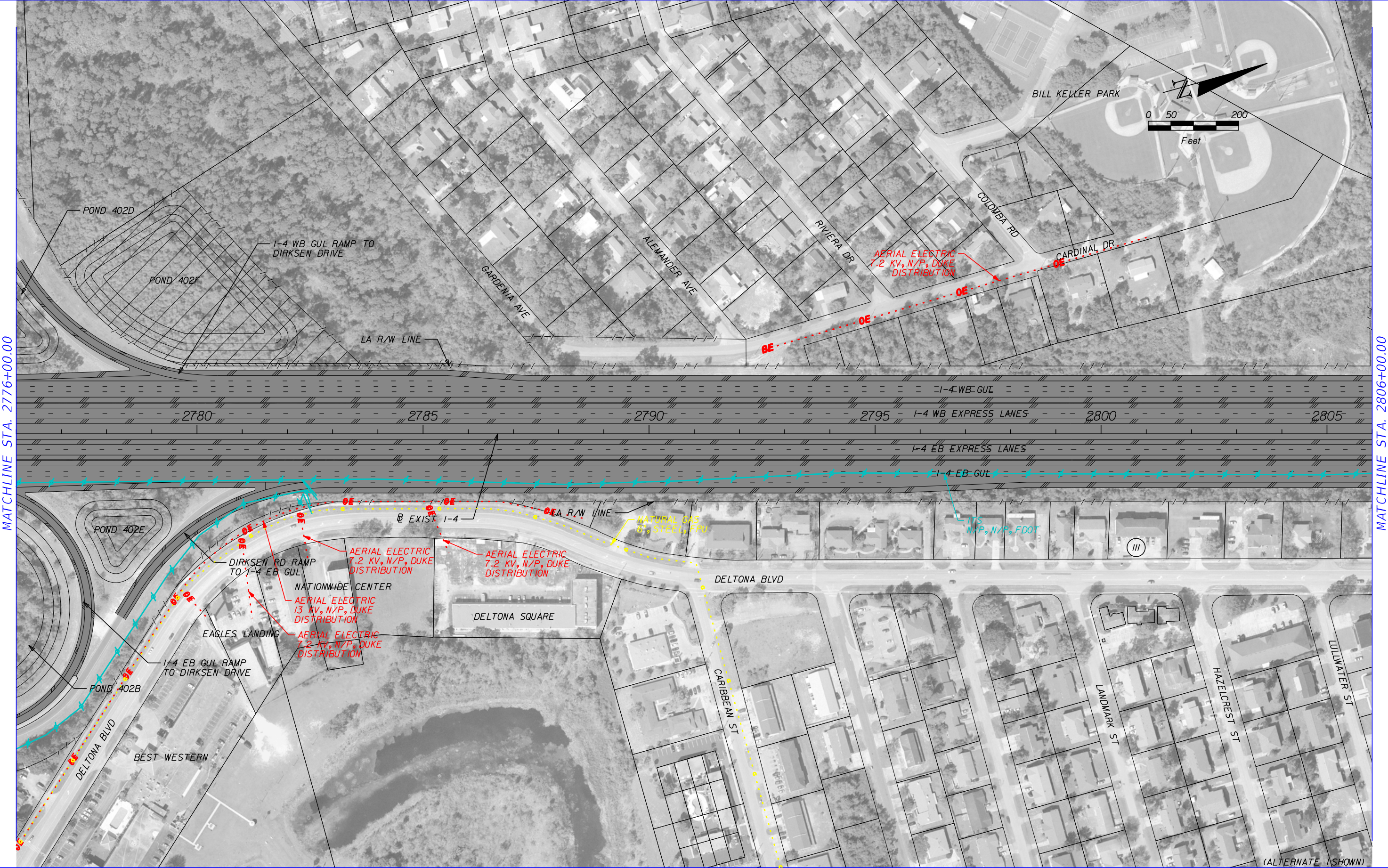
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET NO.
7





MATCHLINE STA. 2776+00.00

MATCHLINE STA. 2806+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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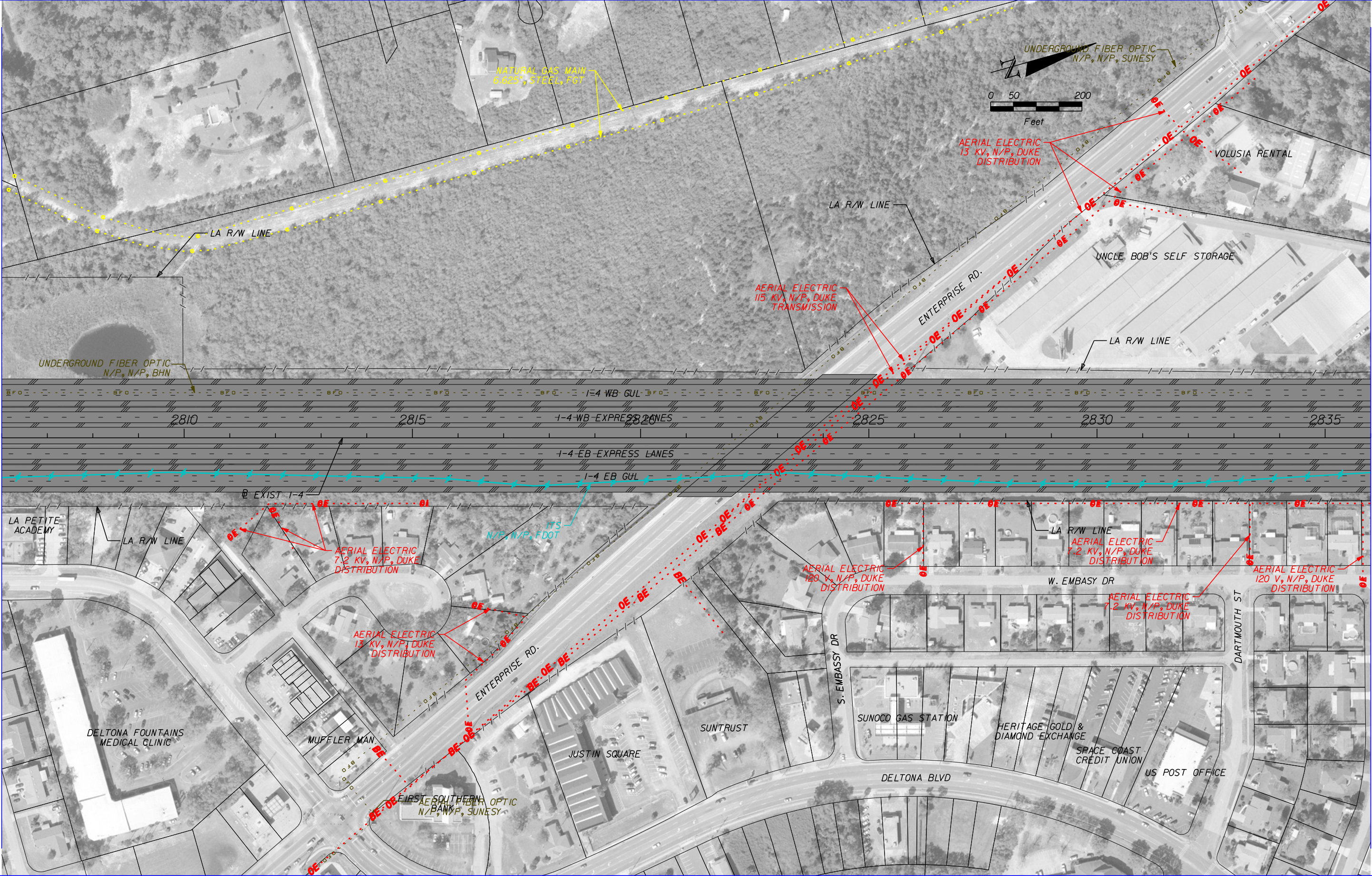
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MAINLINE  
SEGMENT 4**

SHEET NO.
8



MATCHLINE STA. 2806+00.00

MATCHLINE STA. 2836+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
MAINLINE  
SEGMENT 4**

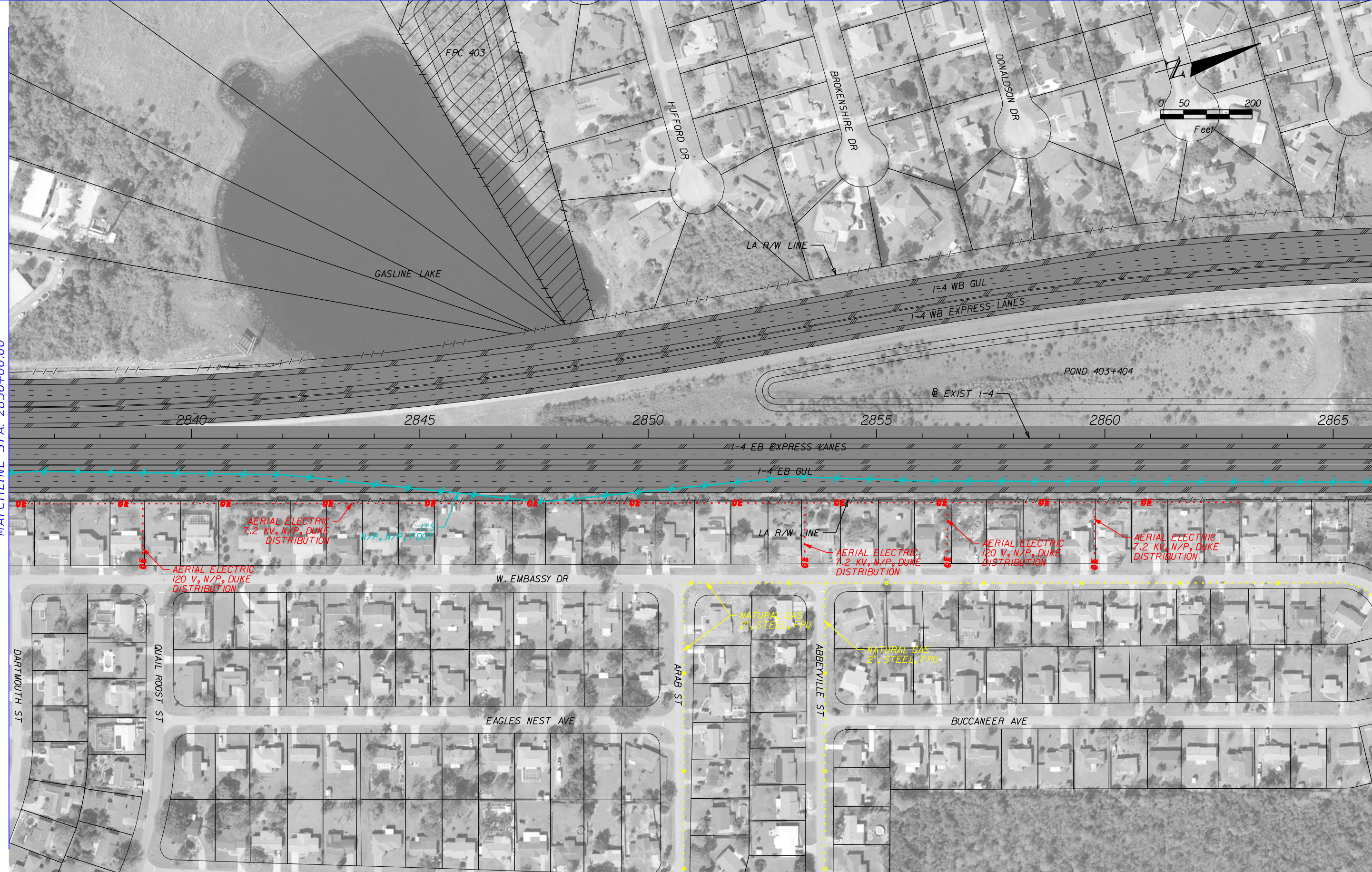
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MATCHLINE STA. 2836+00.00

MATCHLINE STA. 2866+00.00



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	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

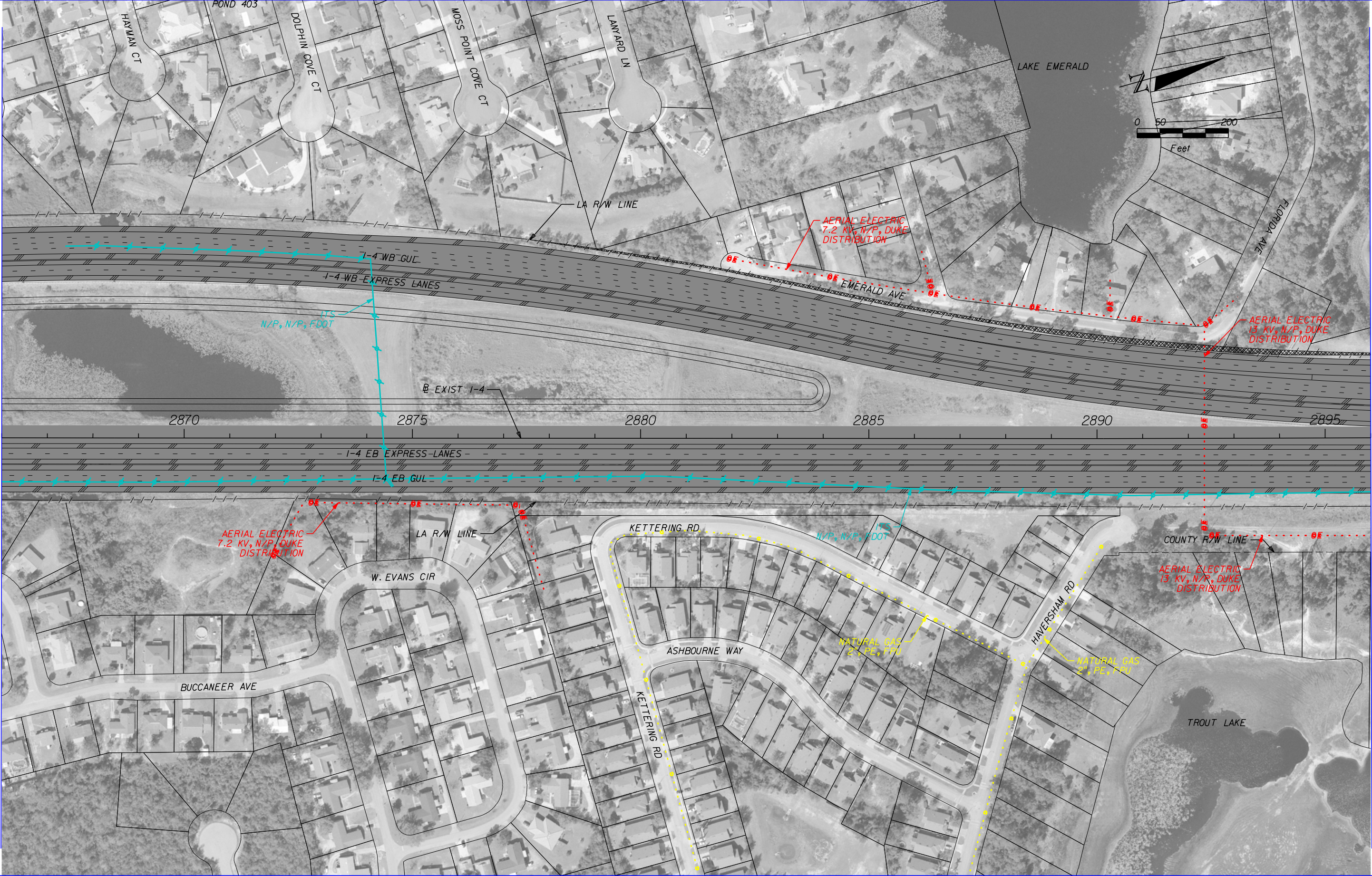
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SHEET NO.  
**10**



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MATCHLINE STA. 2896+00.00



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	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

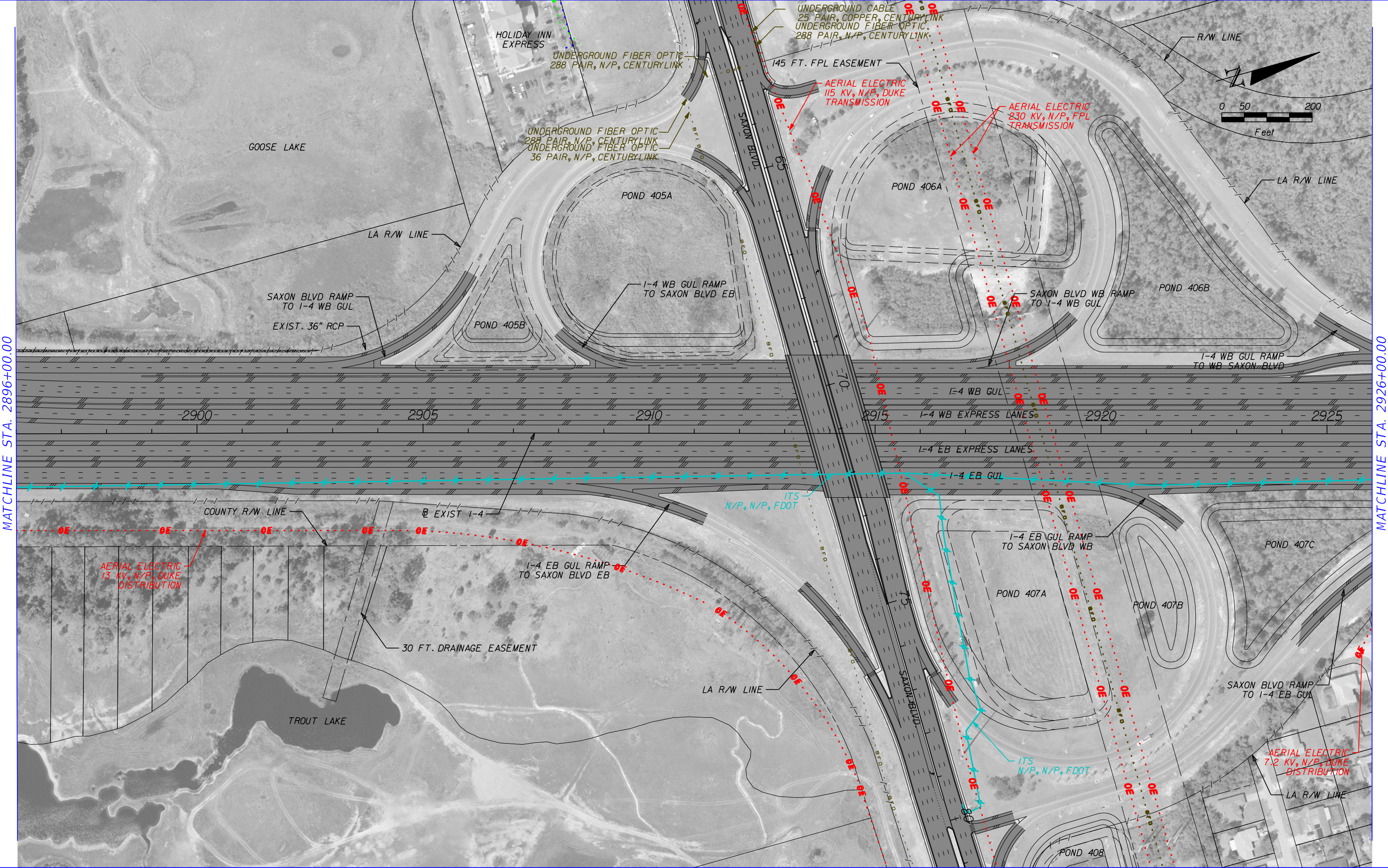
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET NO.  
**11**





MATCHLINE STA. 2896+00.00

MATCHLINE STA. 2926+00.00

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	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

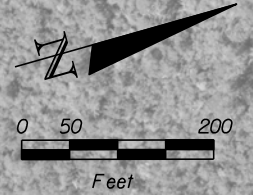
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
MAINLINE  
SEGMENT 4**

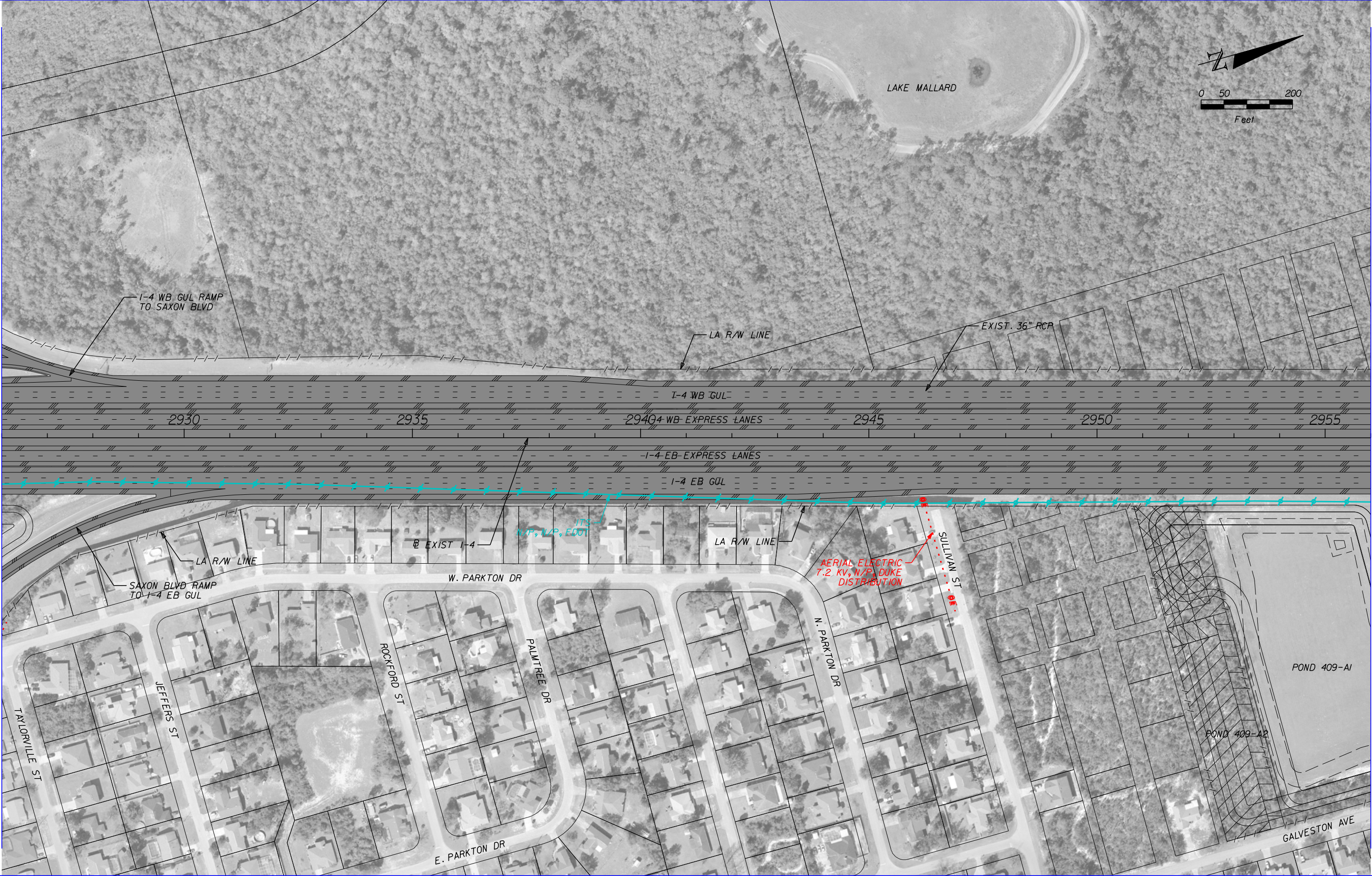
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MATCHLINE STA. 2926+00.00

MATCHLINE STA. 2956+00.00



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	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

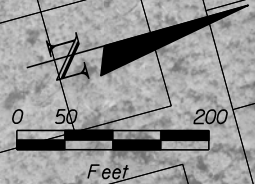
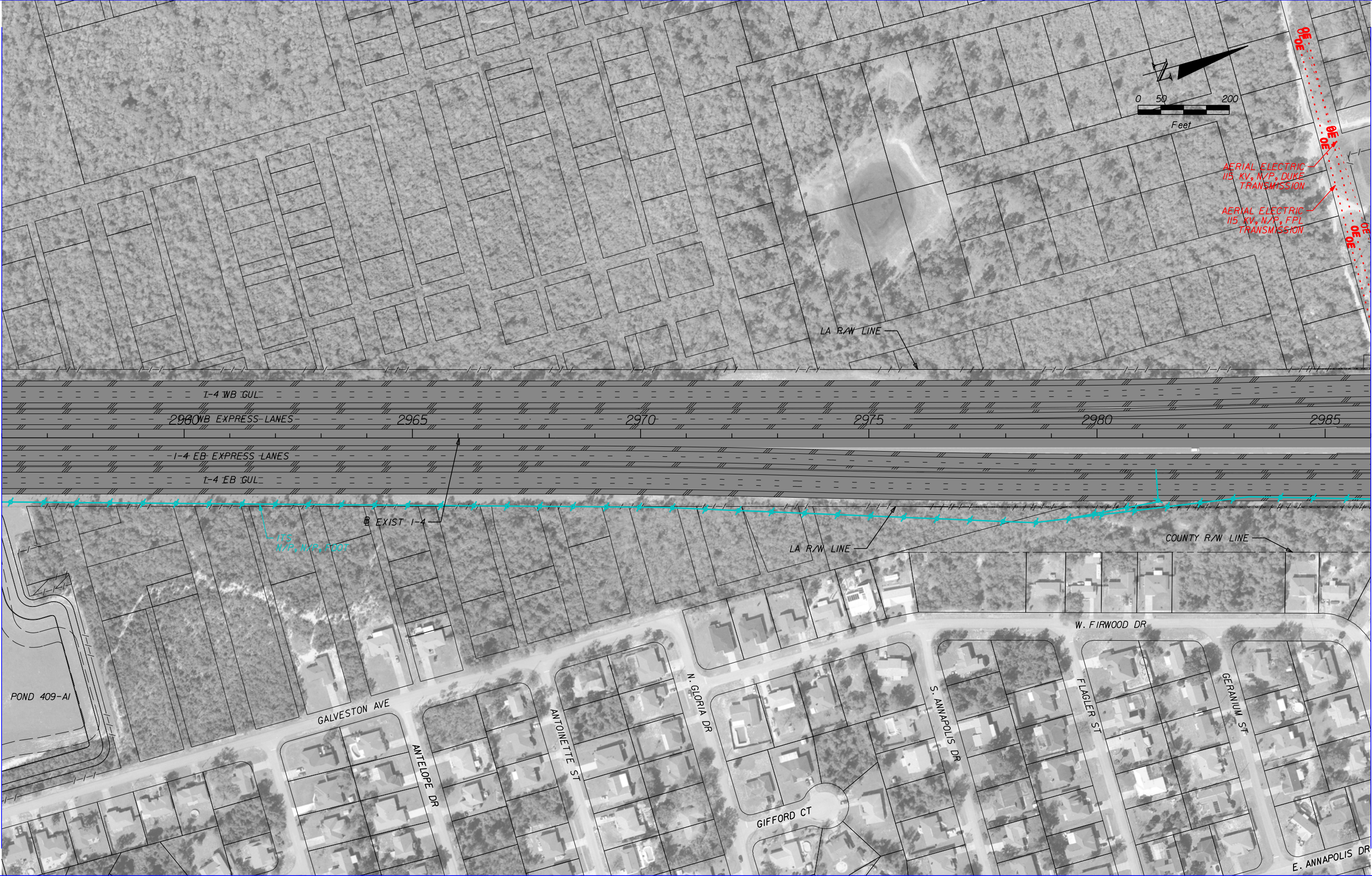
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 MAINLINE  
 SEGMENT 4**

SHEET NO.  
**13**



MATCHLINE STA. 2956+00.00

MATCHLINE STA. 2986+00.00



AERIAL ELECTRIC  
 115 KV, N/P, DUKE  
 TRANSMISSION  
 AERIAL ELECTRIC  
 115 KV, N/P, FPL  
 TRANSMISSION

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

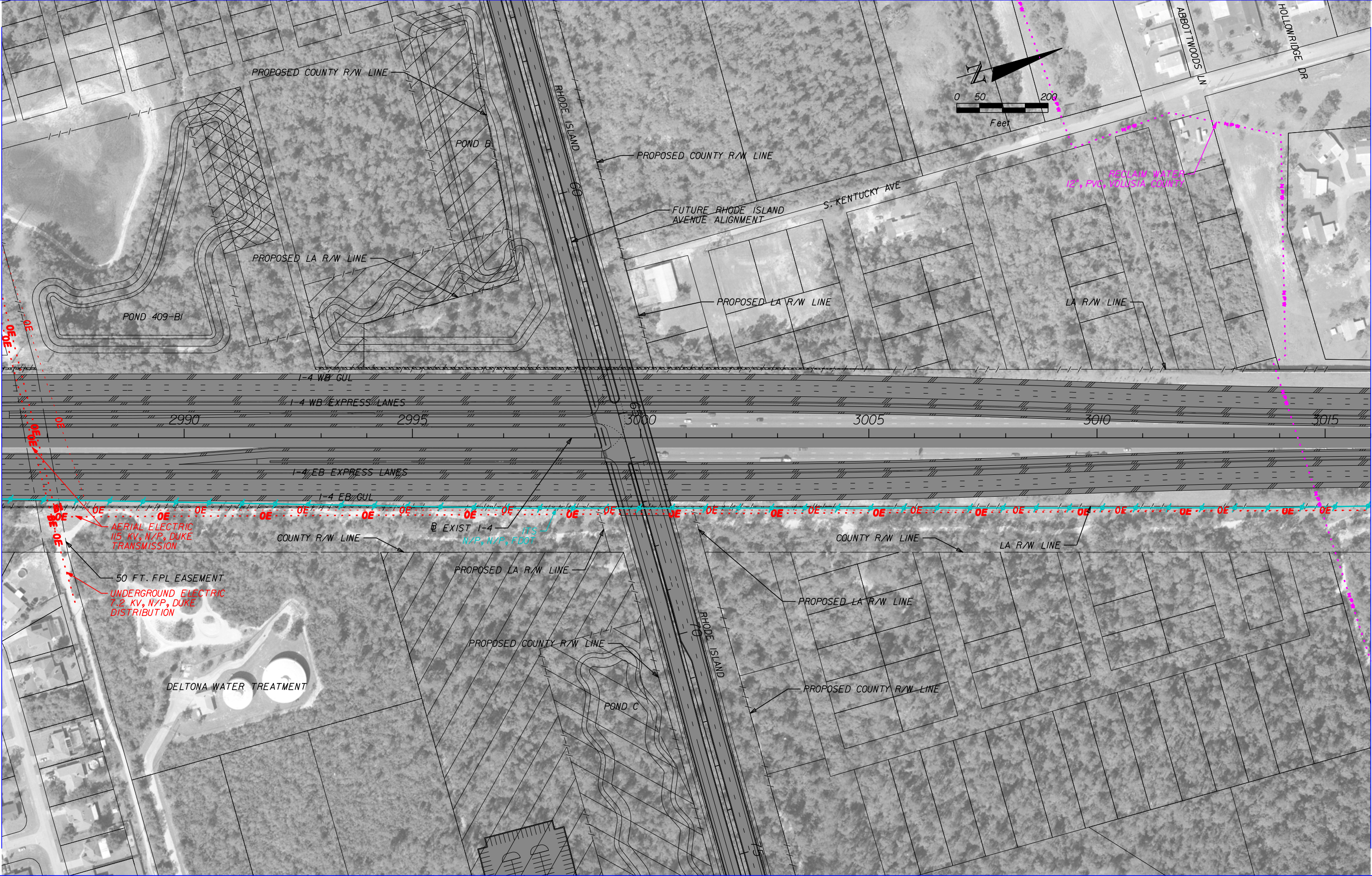
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET  
 NO.  
**14**





	GAS LINE		NON-POTABLE WATER LINE
	SANITARY LINE		ELECTRIC LINE
	ITS LINE		PROPOSED ROADWAY
	WATER LINE		

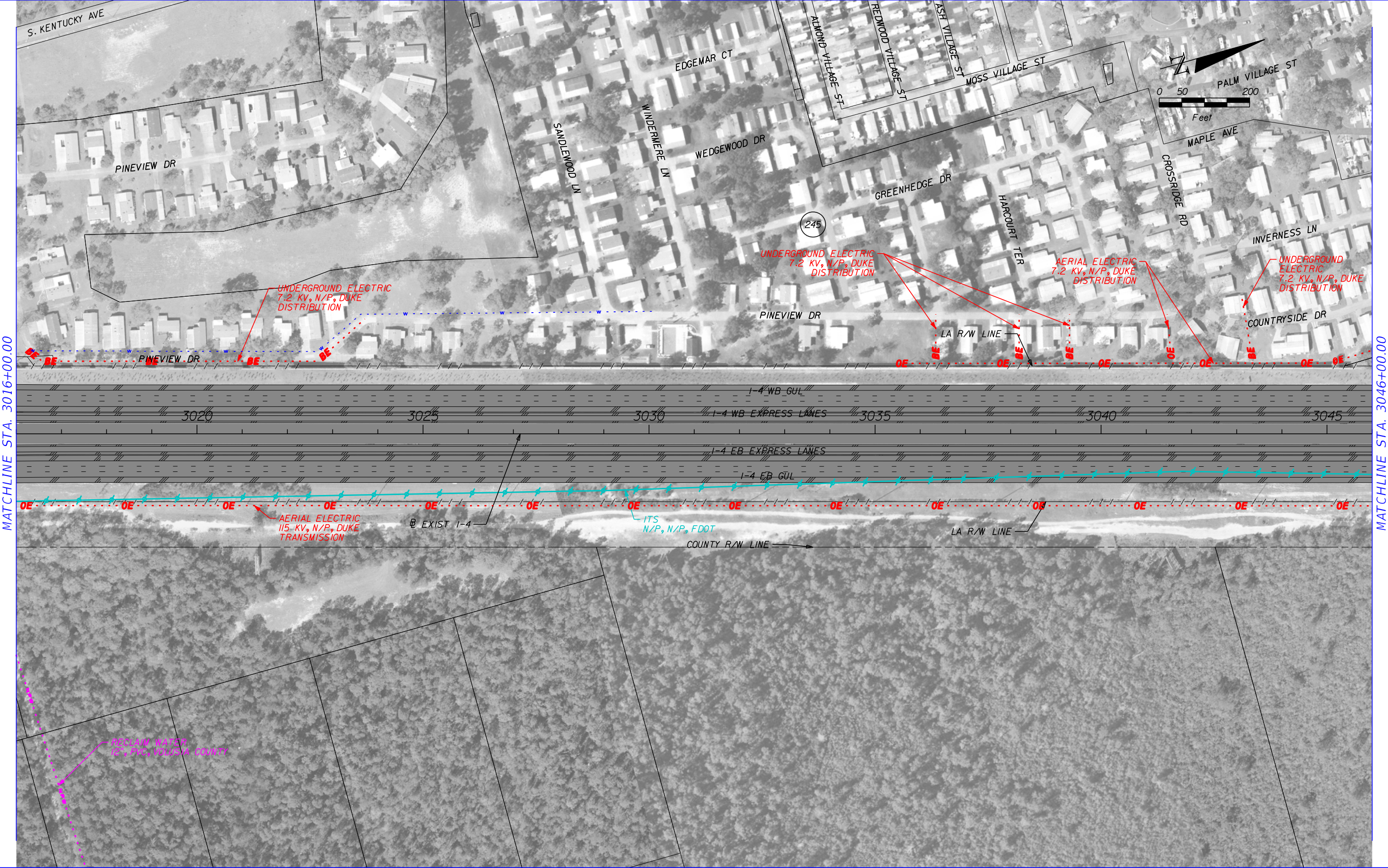
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET NO.  
**15**





MATCHLINE STA. 3016+00.00

MATCHLINE STA. 3046+00.00

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	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

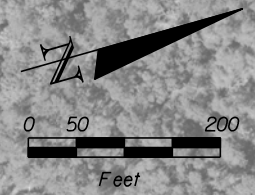
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 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET NO.  
**16**





MATCHLINE STA. 3046+00.00

MATCHLINE STA. 3076+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

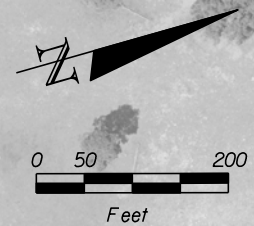
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

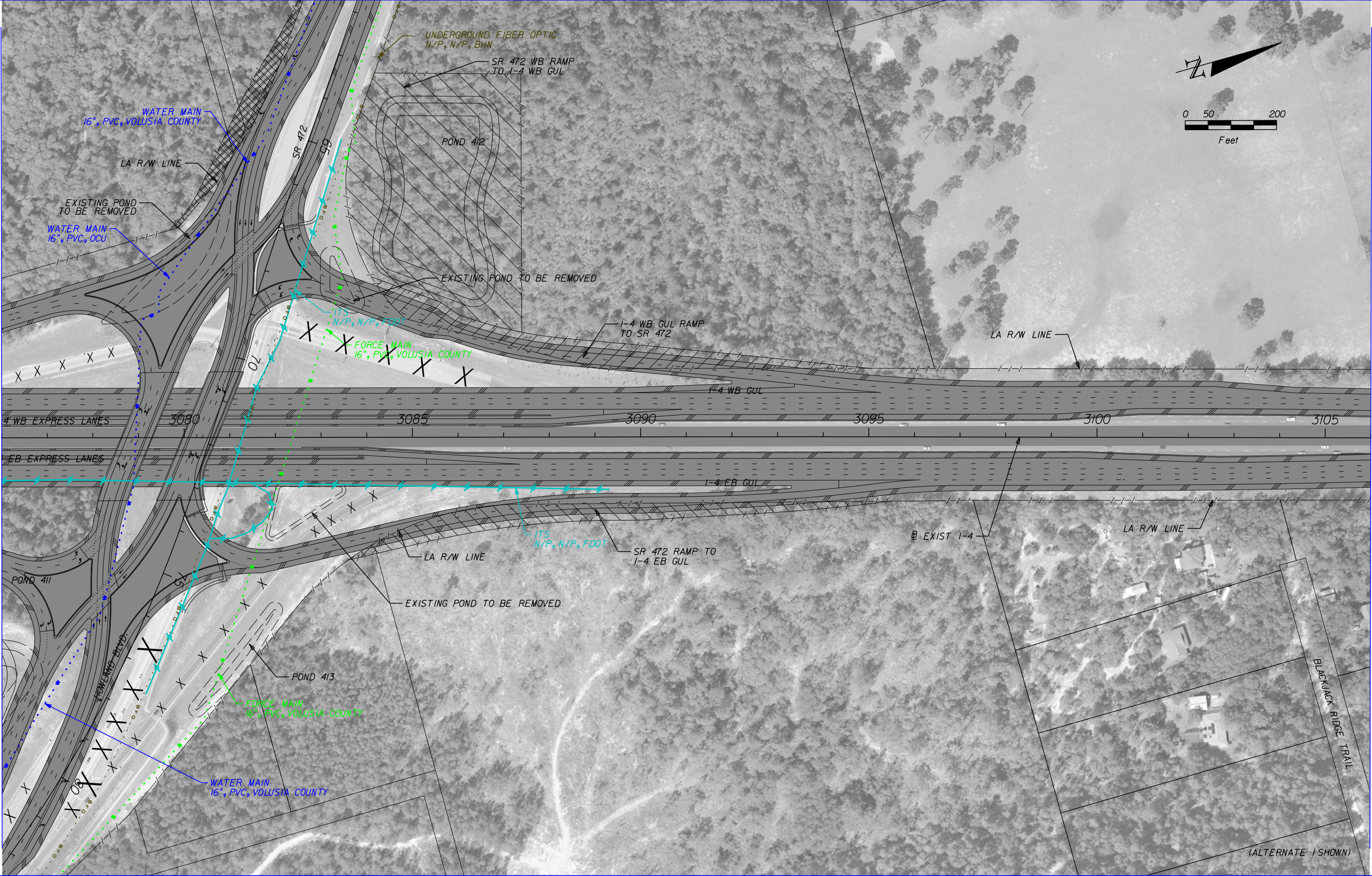
SHEET NO.
17





MATCHLINE STA. 3076+00.00

MATCHLINE STA. 3106+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

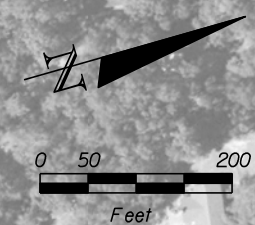
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET NO.  
**18**





MATCHLINE STA. 3106+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

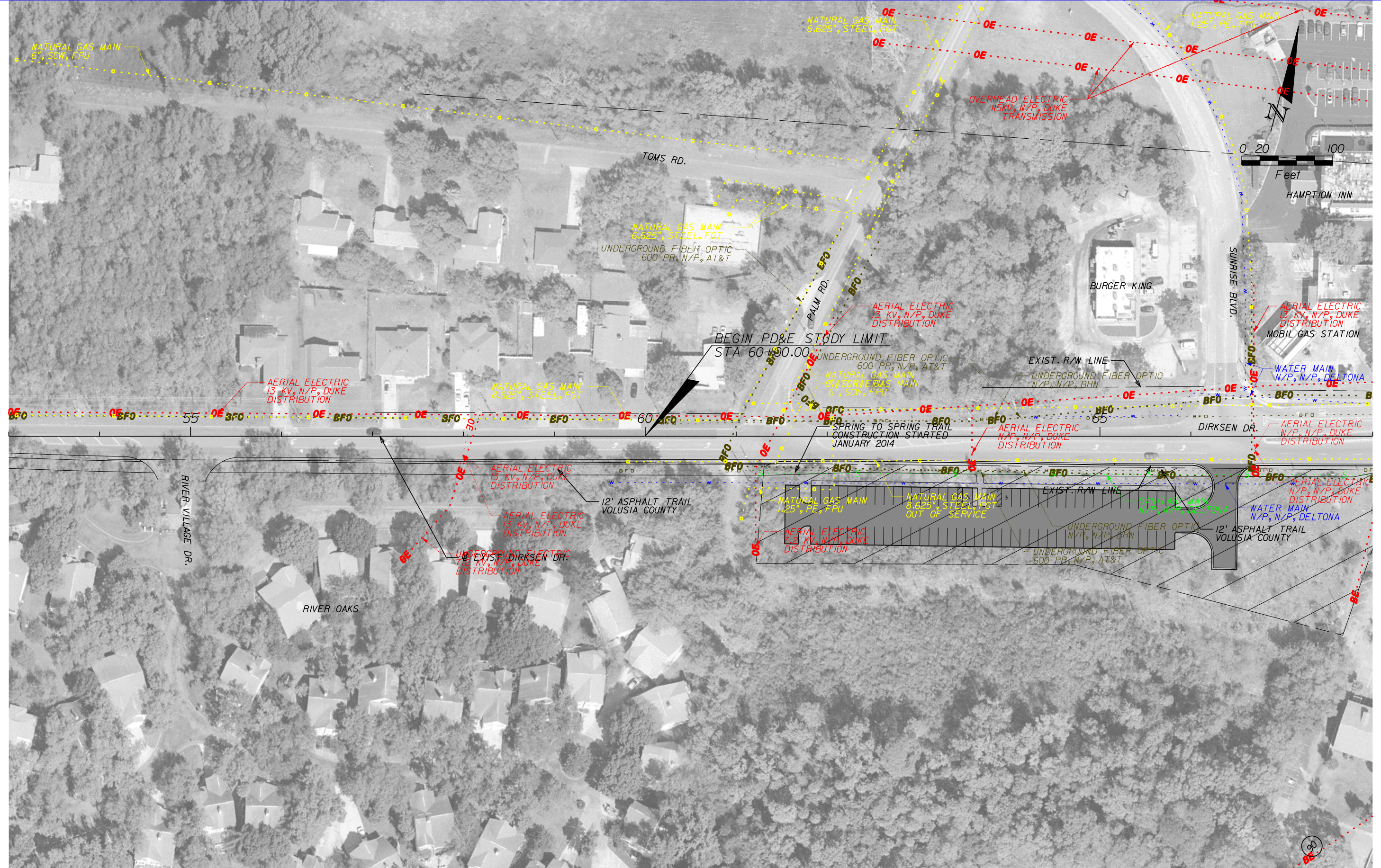
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 MAINLINE  
 SEGMENT 4**

SHEET NO.  
**19**





	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

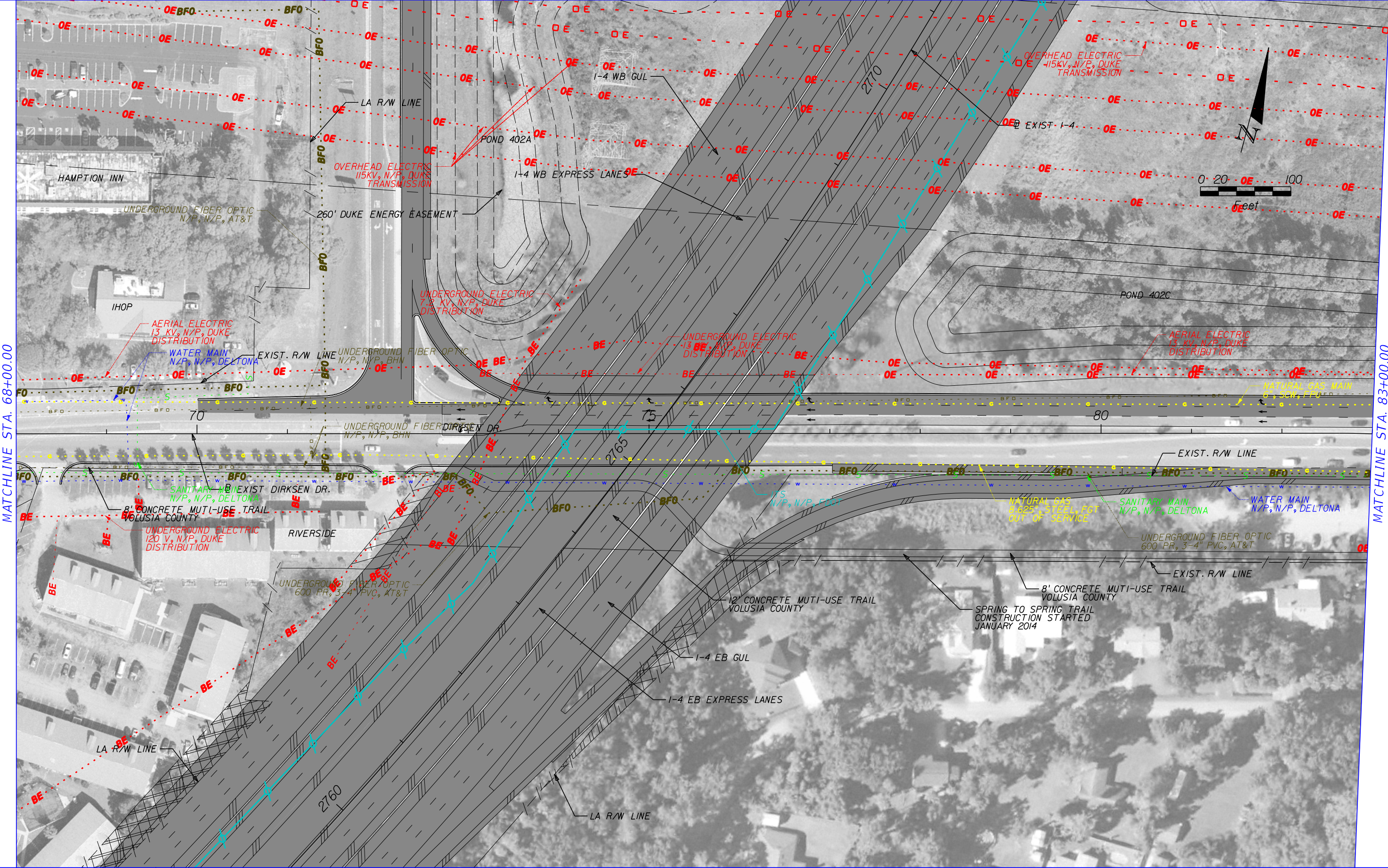
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY**  
**DIRKSEN DR.**  
**SEGMENT 4**

SHEET NO.
20





MATCHLINE STA. 68+00.00

MATCHLINE STA. 83+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

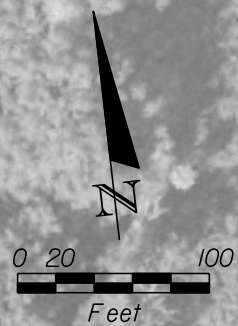
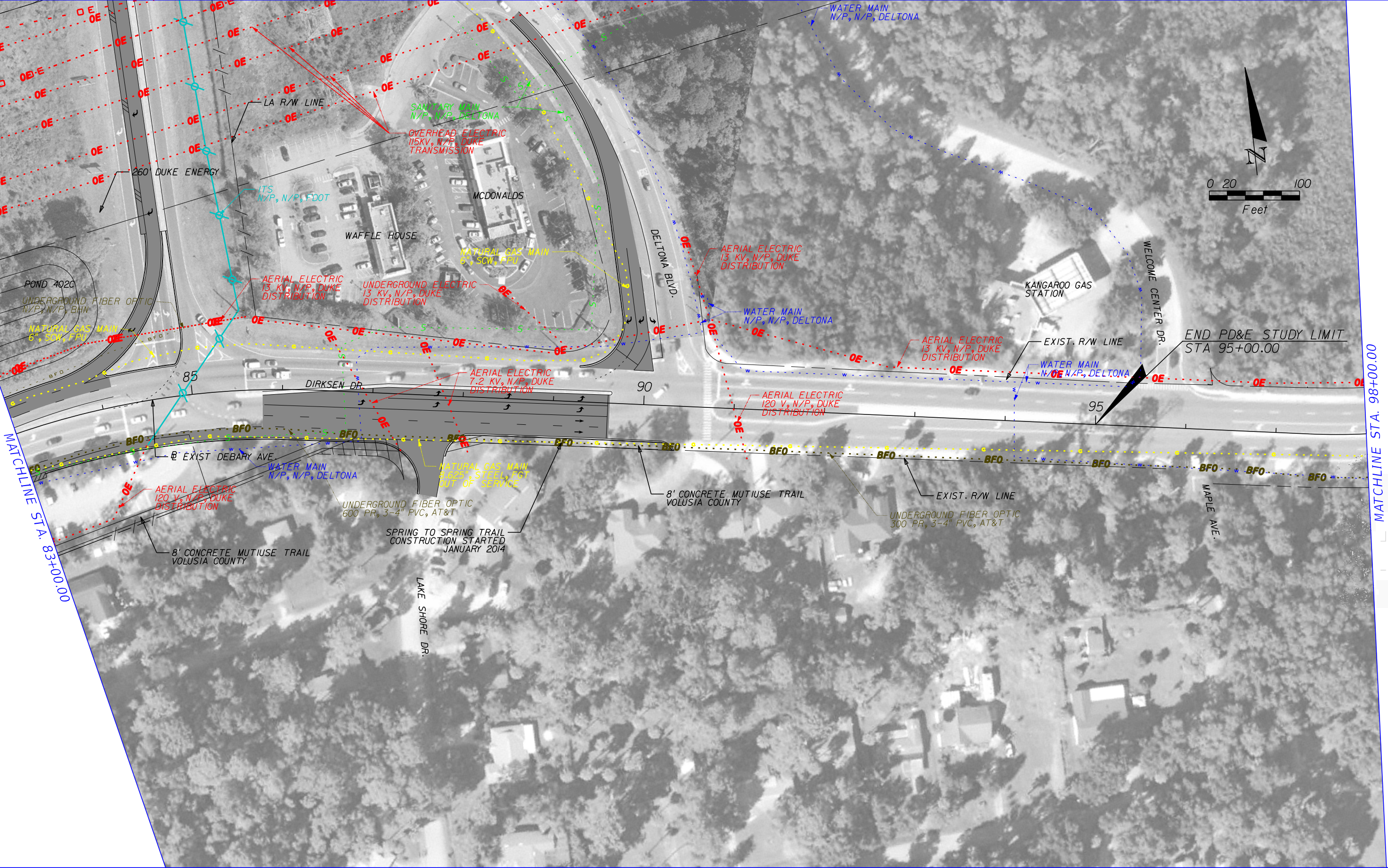
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 DIRKSEN DR.  
 SEGMENT 4**

SHEET NO.  
**21**





MATCHLINE STA. 83+00.00

MATCHLINE STA. 98+00.00

END PD&E STUDY LIMIT  
 STA 95+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

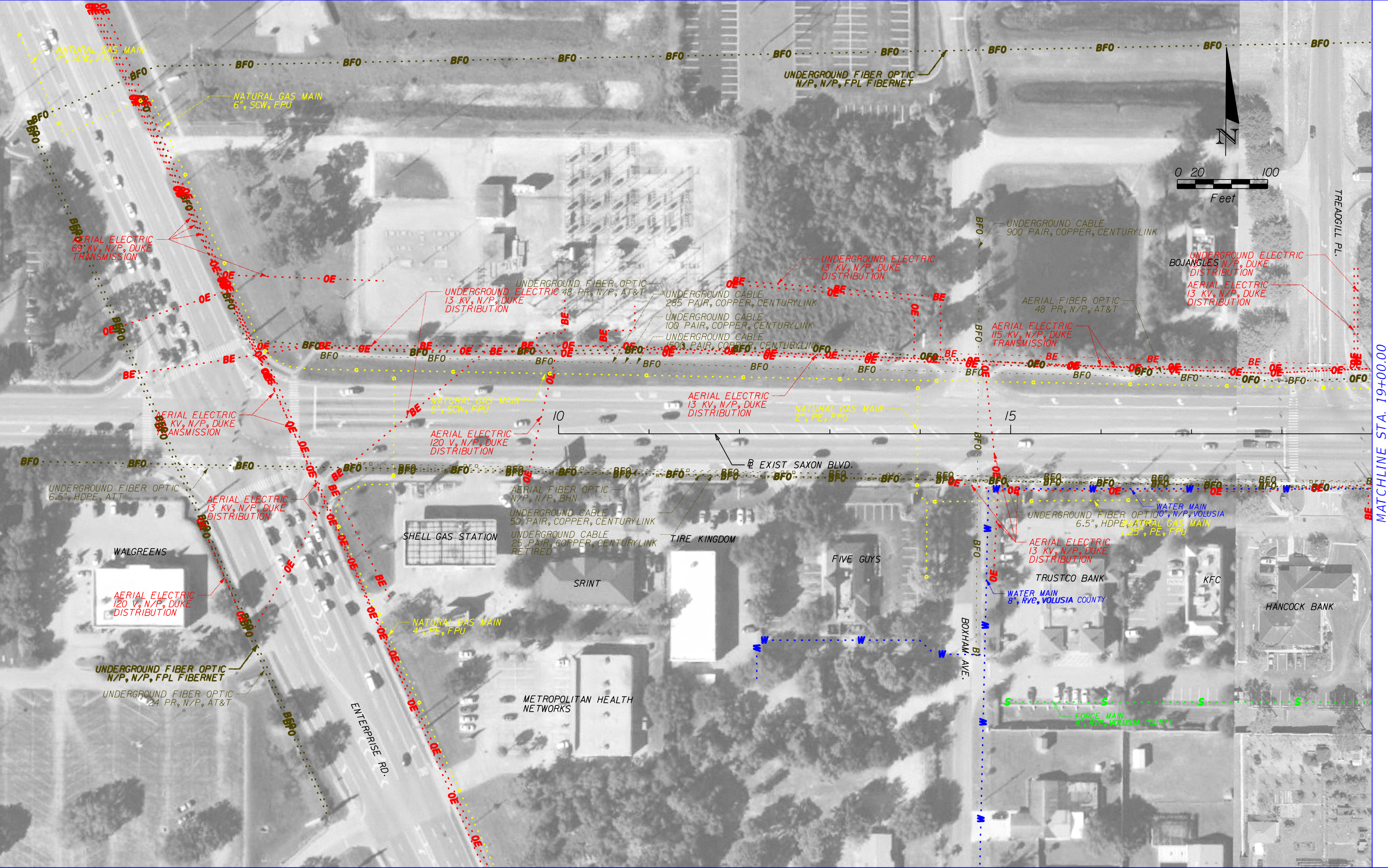
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 DIRKSEN DR.  
 SEGMENT 4**

SHEET NO.  
**22**





	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
610 CRESCENT EXECUTIVE CT  
SUITE 400  
LAKE MARY, FL 32746  
(407) 805-0355  
CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

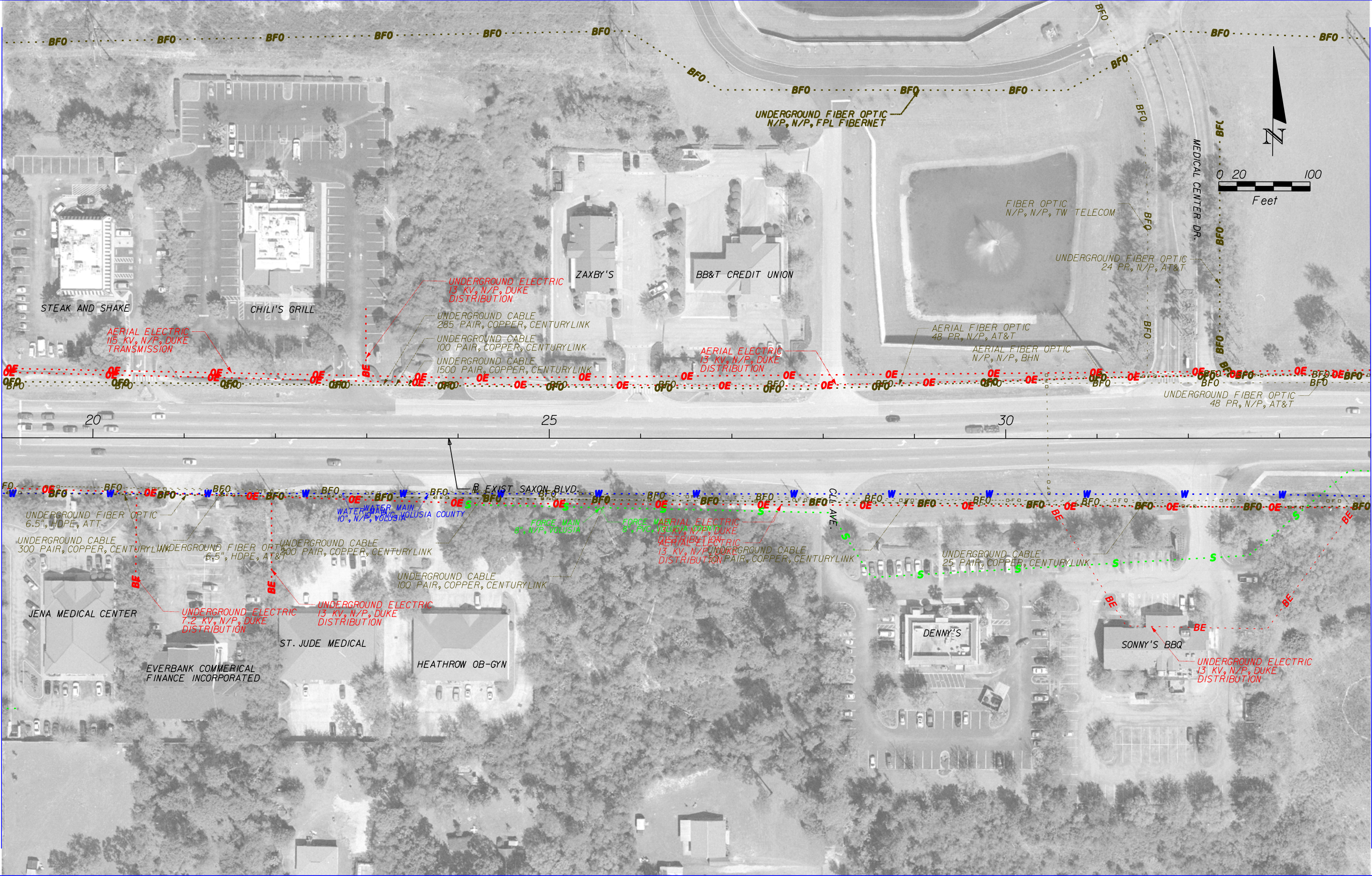
**I-4 PD&E STUDY  
SAXON BLVD.  
SEGMENT 4**

SHEET NO.
23



MATCHLINE STA. 19+00.00

MATCHLINE STA. 34+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

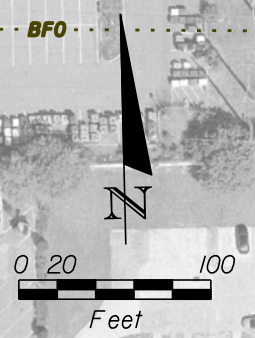
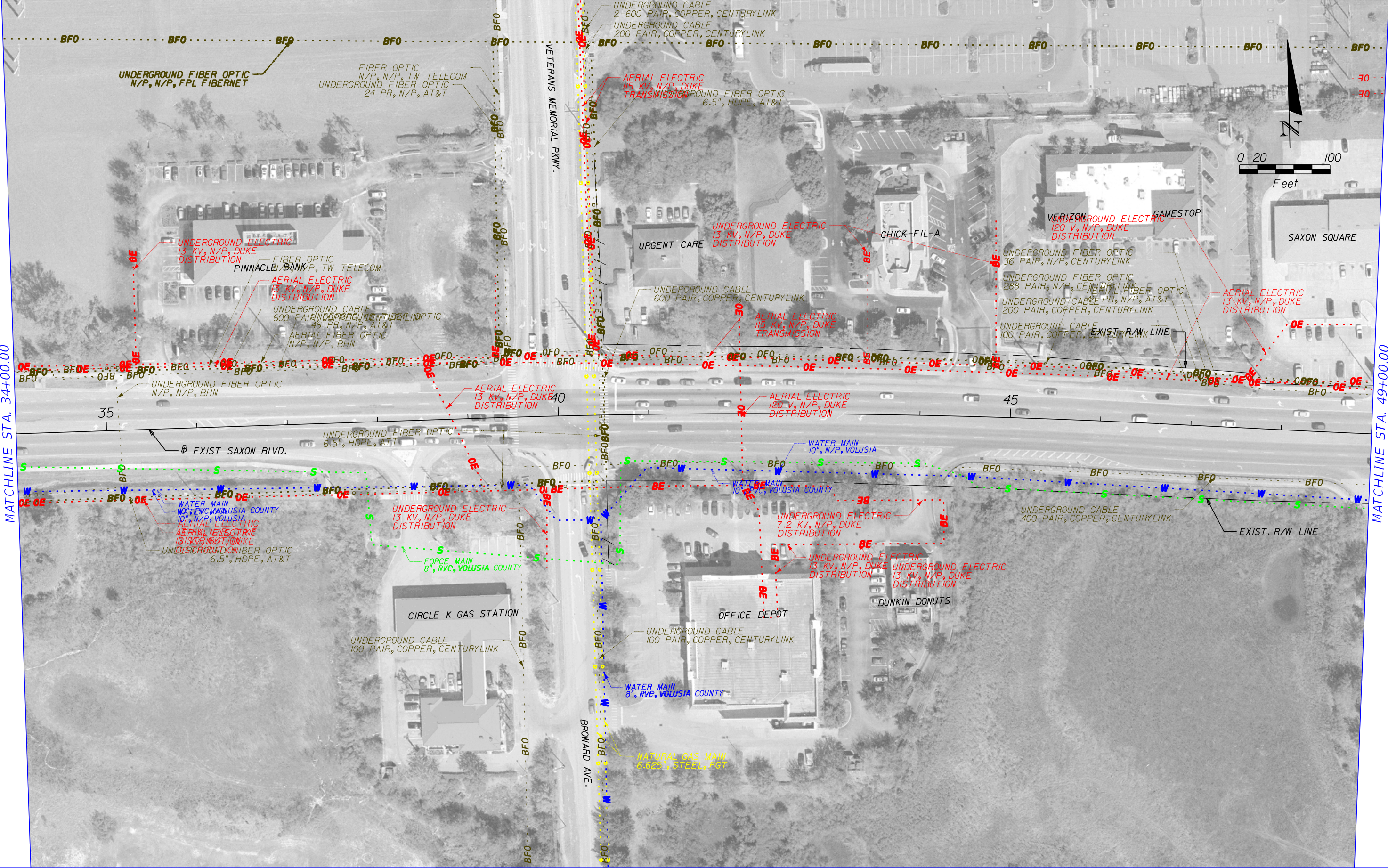
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

I-4 PD&E STUDY  
 SAXON BLVD.  
 SEGMENT 4

SHEET NO.  
 24





MATCHLINE STA. 34+00.00

MATCHLINE STA. 49+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
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 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

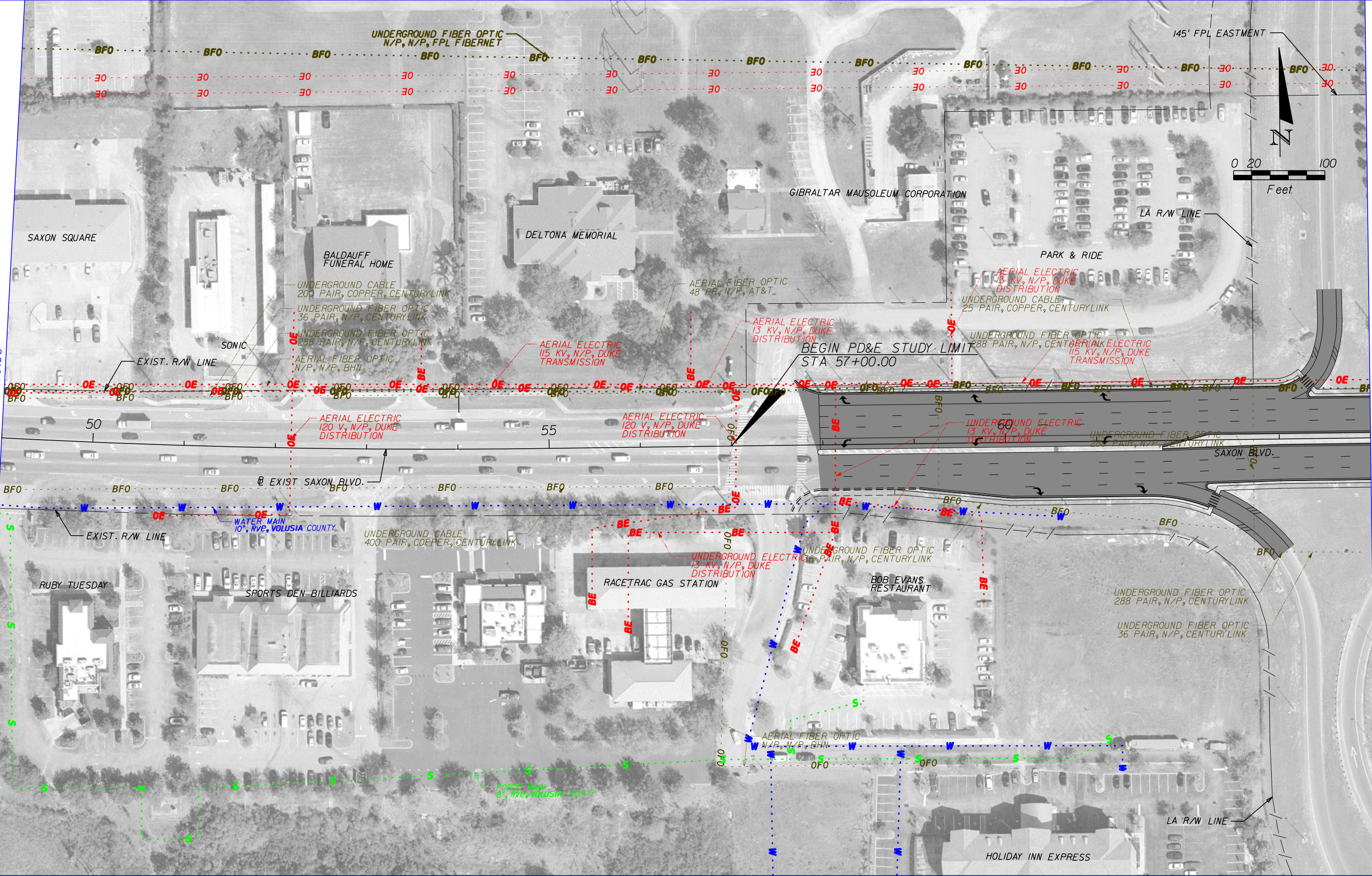
**I-4 PD&E STUDY  
 SAXON BLVD.  
 SEGMENT 4**

SHEET NO.  
**25**



MATCHLINE STA. 49+00.00

MATCHLINE STA. 64+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

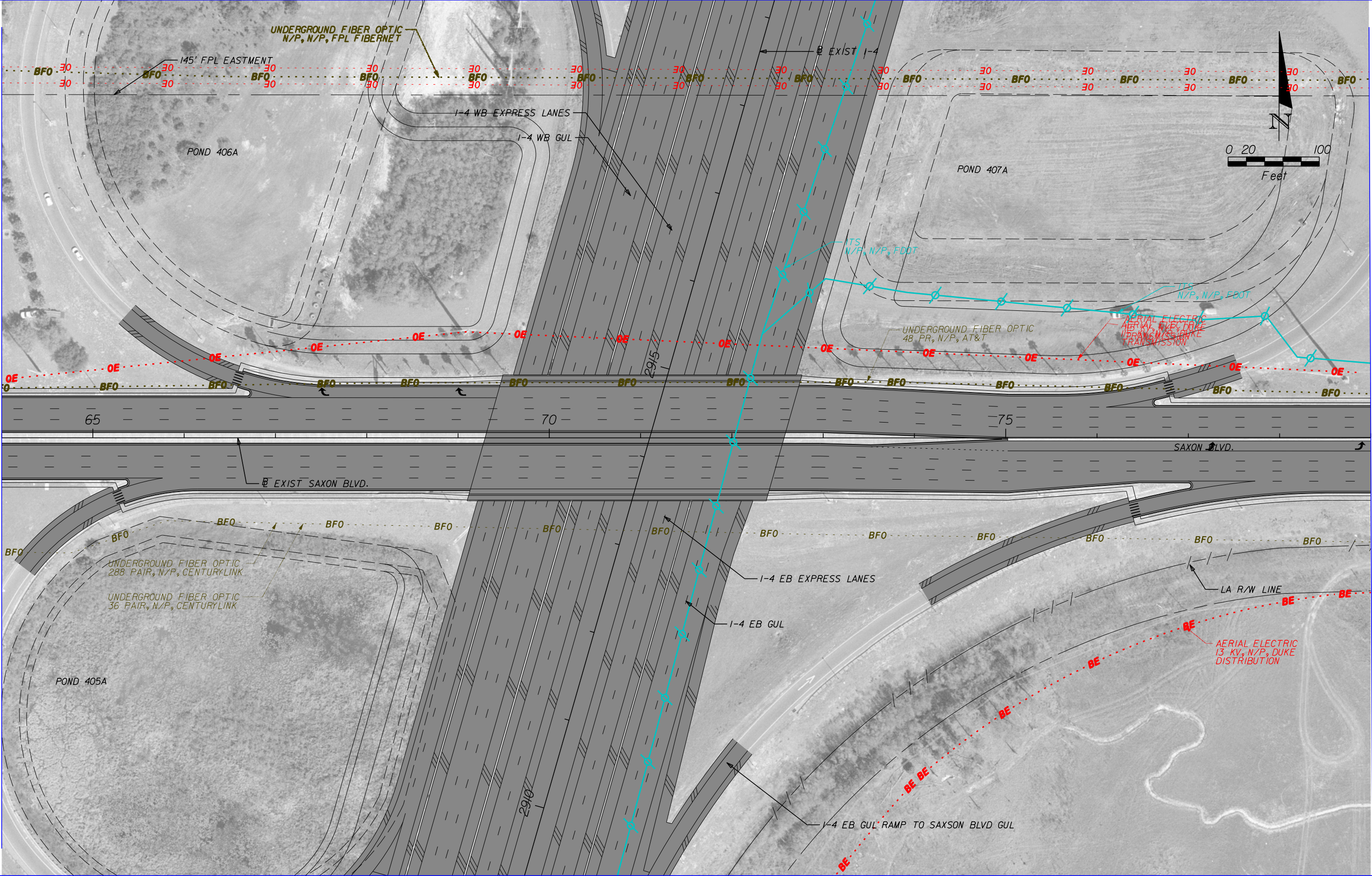
**I-4 PD&E STUDY  
 SAXON BLVD.  
 SEGMENT 4**

SHEET NO.  
**26**



MATCHLINE STA. 64+00.00

MATCHLINE STA. 79+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

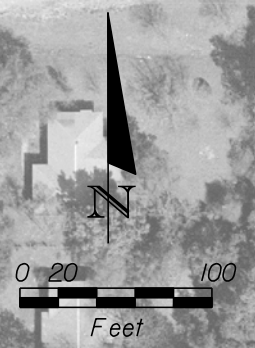
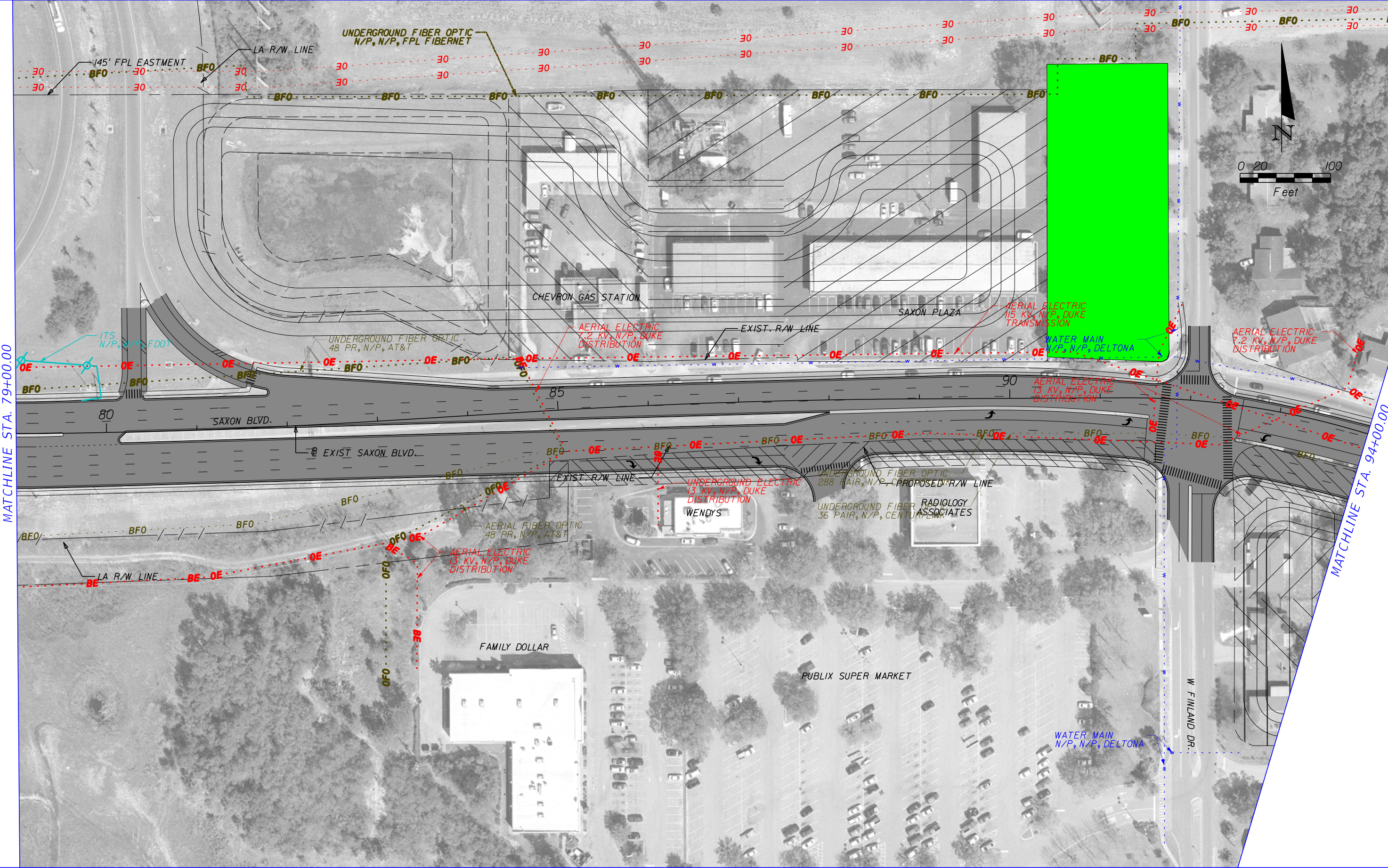
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY**  
**SAXON BLVD.**  
**SEGMENT 4**

SHEET NO.  
**27**





MATCHLINE STA. 79+00.00

MATCHLINE STA. 94+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SAXON BLVD.  
 SEGMENT 4**

SHEET NO.  
**28**





MATCHLINE STA. 94+00.00

MATCHLINE STA. 109+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

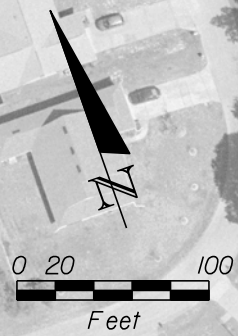
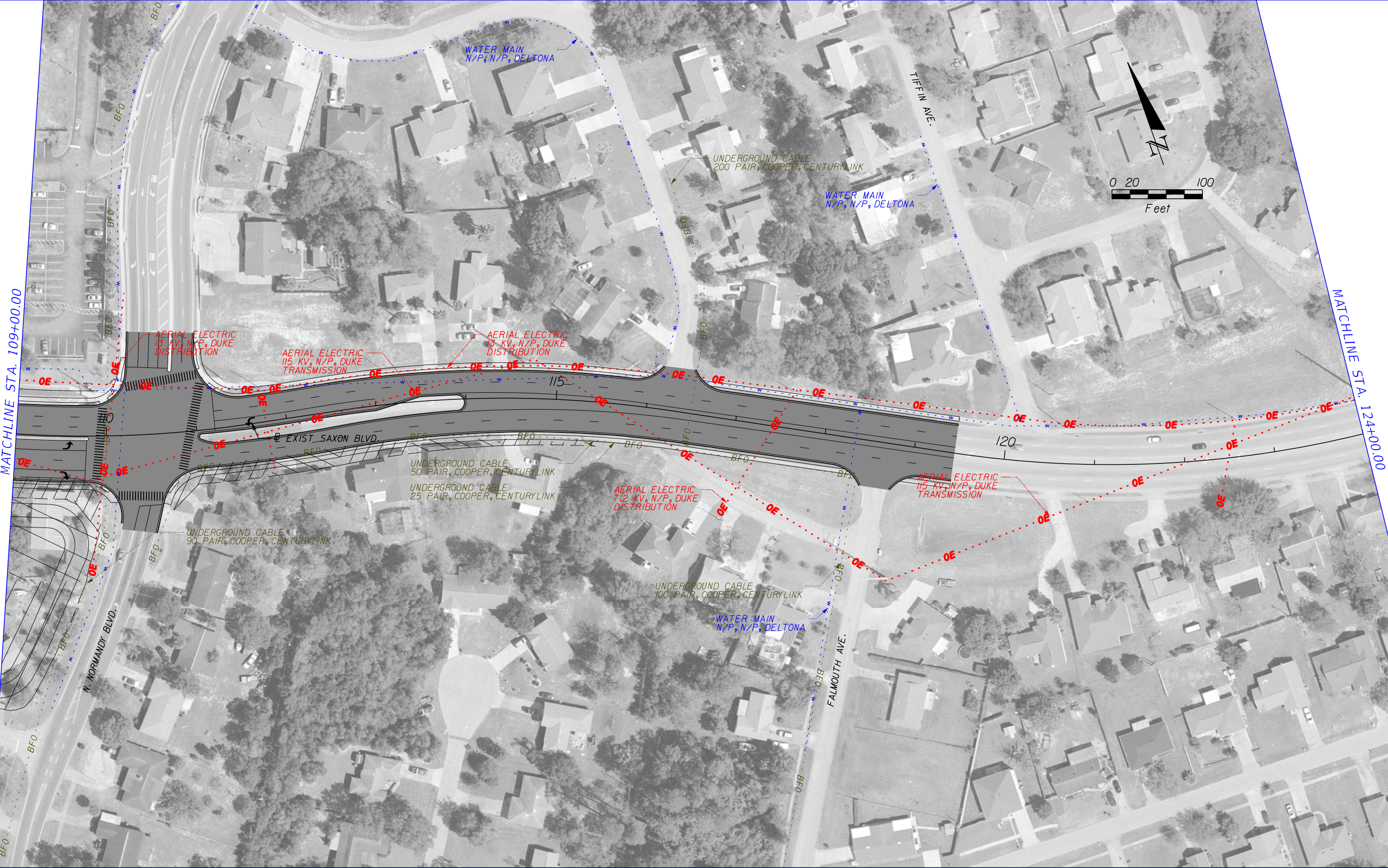
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SAXON BLVD.  
 SEGMENT 4**

SHEET NO.  
**29**





MATCHLINE STA. 109+00.00

MATCHLINE STA. 124+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SAXON BLVD.  
 SEGMENT 4**

SHEET NO.  
**30**





	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SAXON BLVD.  
 SEGMENT 4**

SHEET NO.
31





MATCHLINE 1

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY**  
**RHODE ISLAND AVE.**  
**SEGMENT 4**

SHEET NO.

32



MATCHLINE 1

MATCHLINE 2



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

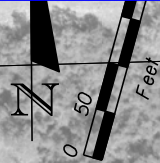
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 RHODE ISLAND AVE.  
 SEGMENT 4**

SHEET NO.  
**33**





MATCHLINE 2



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 RHODE ISLAND AVE.  
 SEGMENT 4**

SHEET NO.  
**34**



MATCHLINE STA. 21+00.00

MATCHLINE STA. 36+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

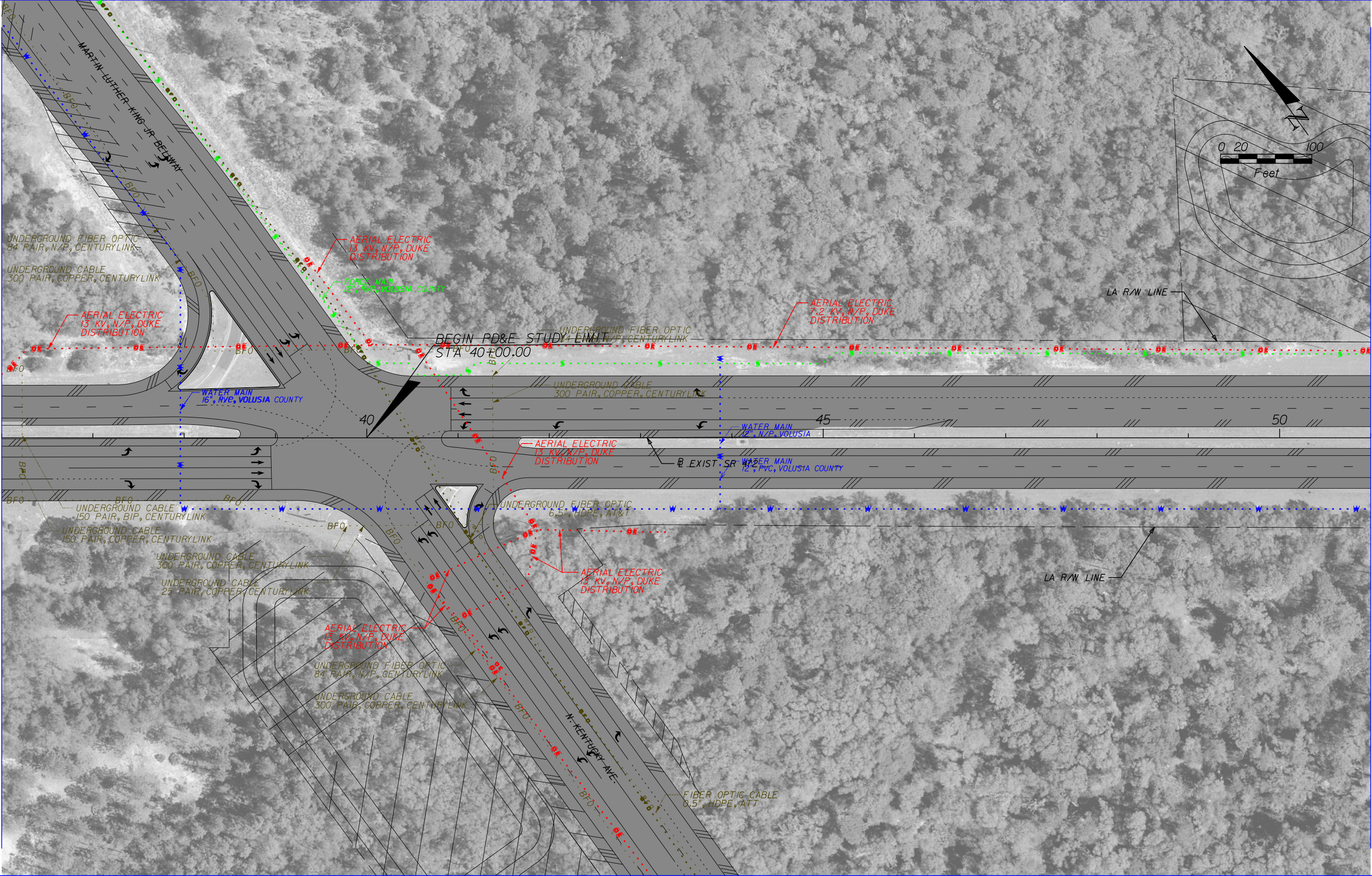
**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

SHEET NO.  
**35**



MATCHLINE STA. 36+00.00

MATCHLINE STA. 51+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

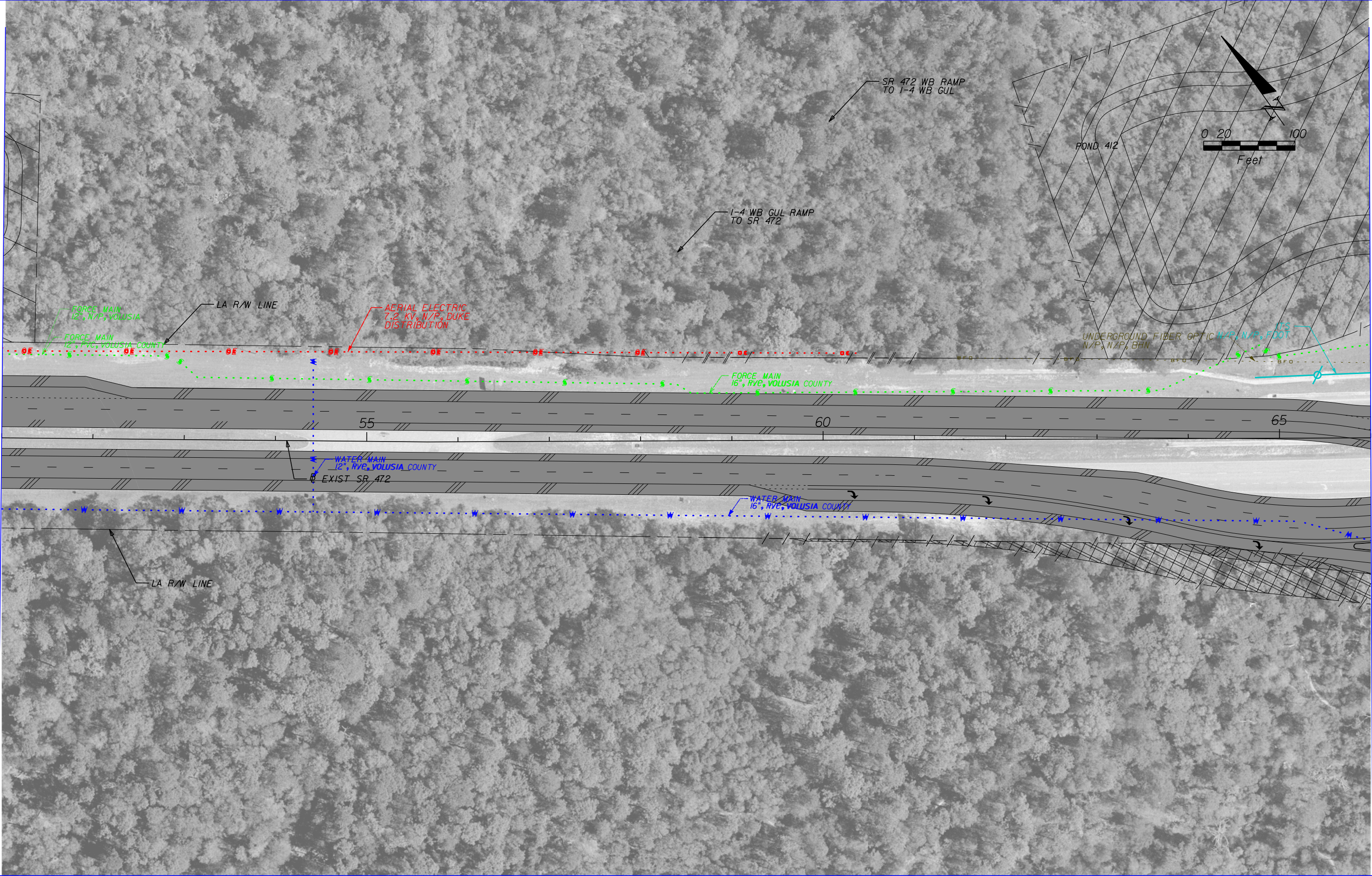
**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

SHEET NO.  
**36**



MATCHLINE STA. 51+00.00

MATCHLINE STA. 66+00.00



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

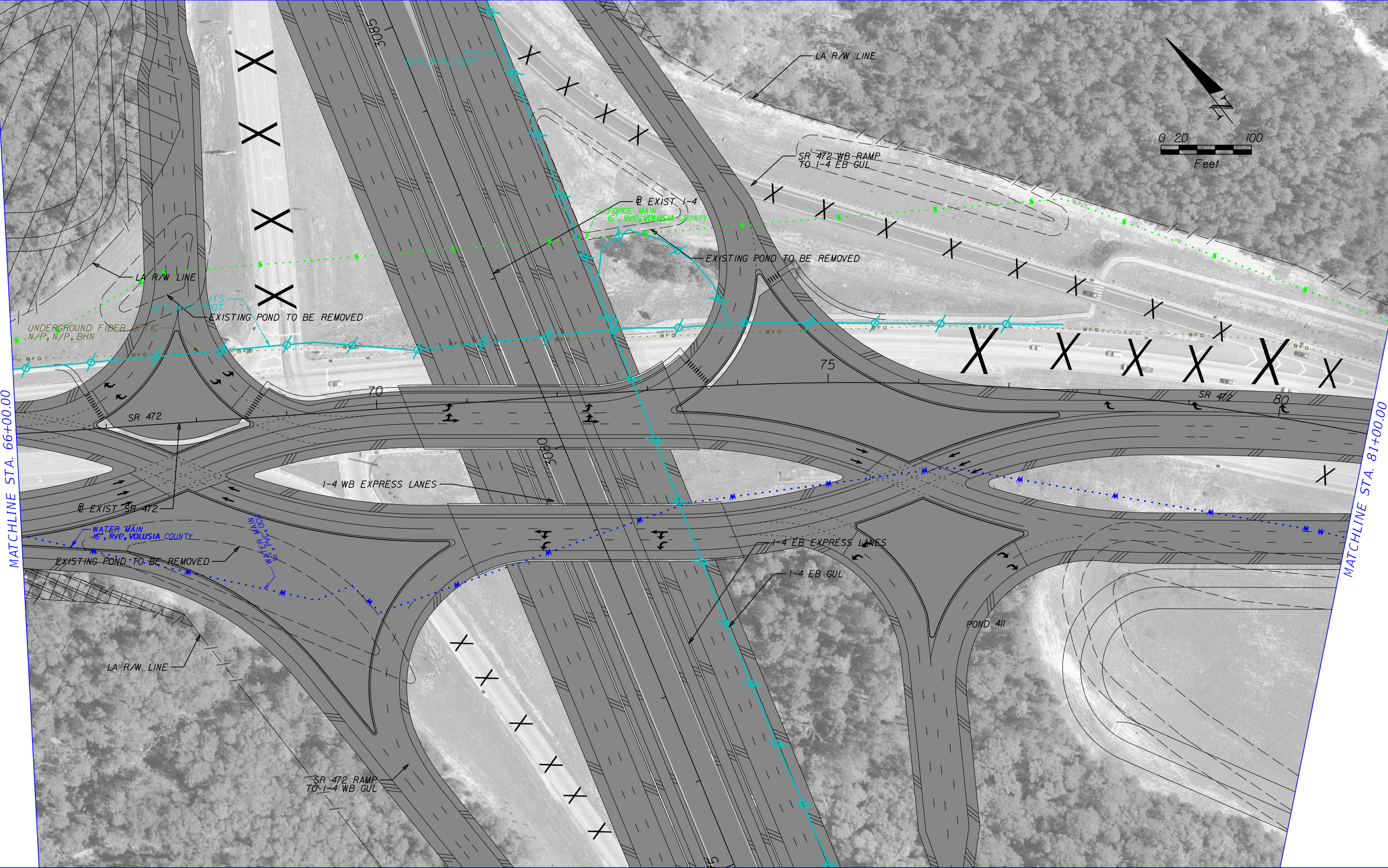
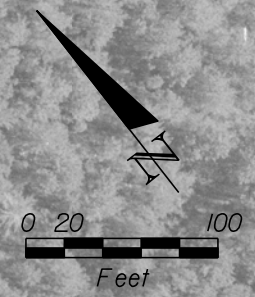
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

SHEET NO.  
**37**





MATCHLINE STA. 66+00.00

MATCHLINE STA. 81+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

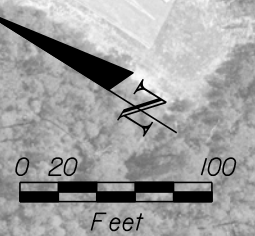
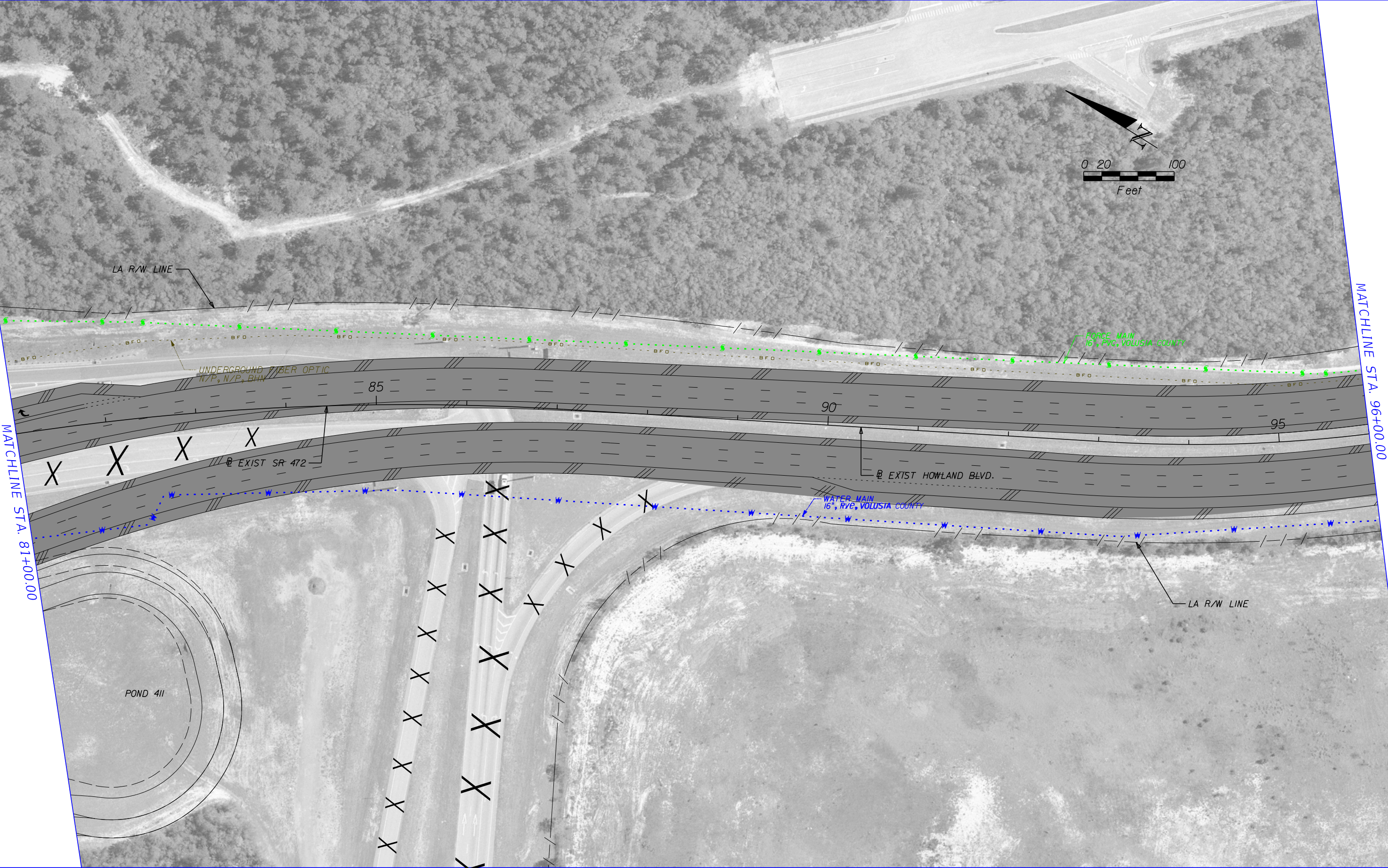
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY**  
**SR 472**  
**SEGMENT 4**

SHEET NO.  
**38**





MATCHLINE STA. 81+00.00

MATCHLINE STA. 96+00.00

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

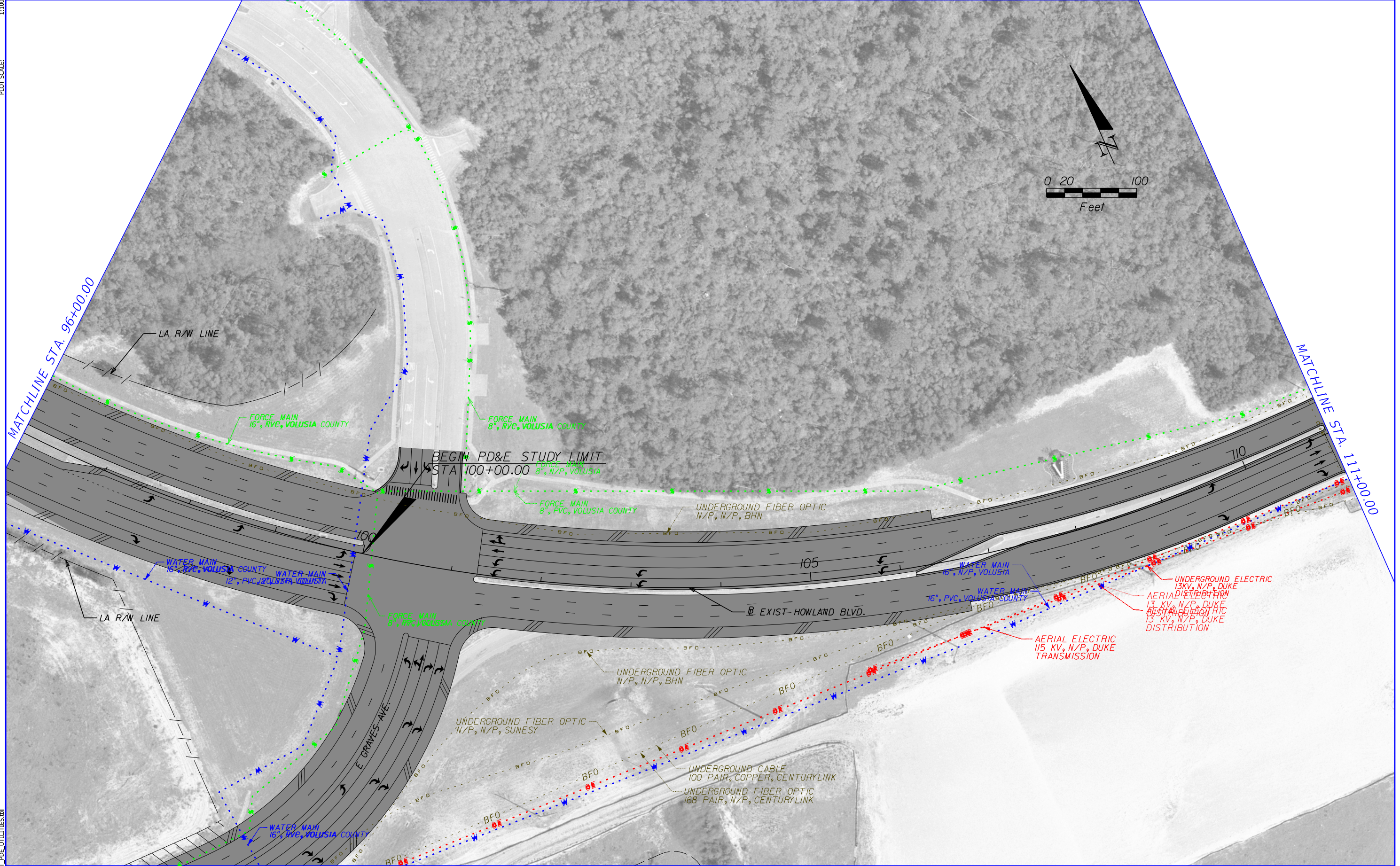
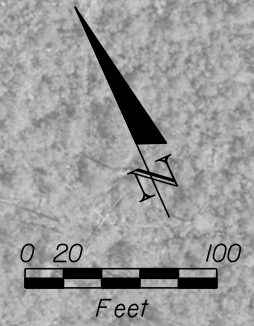
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

SHEET NO.  
**39**





	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

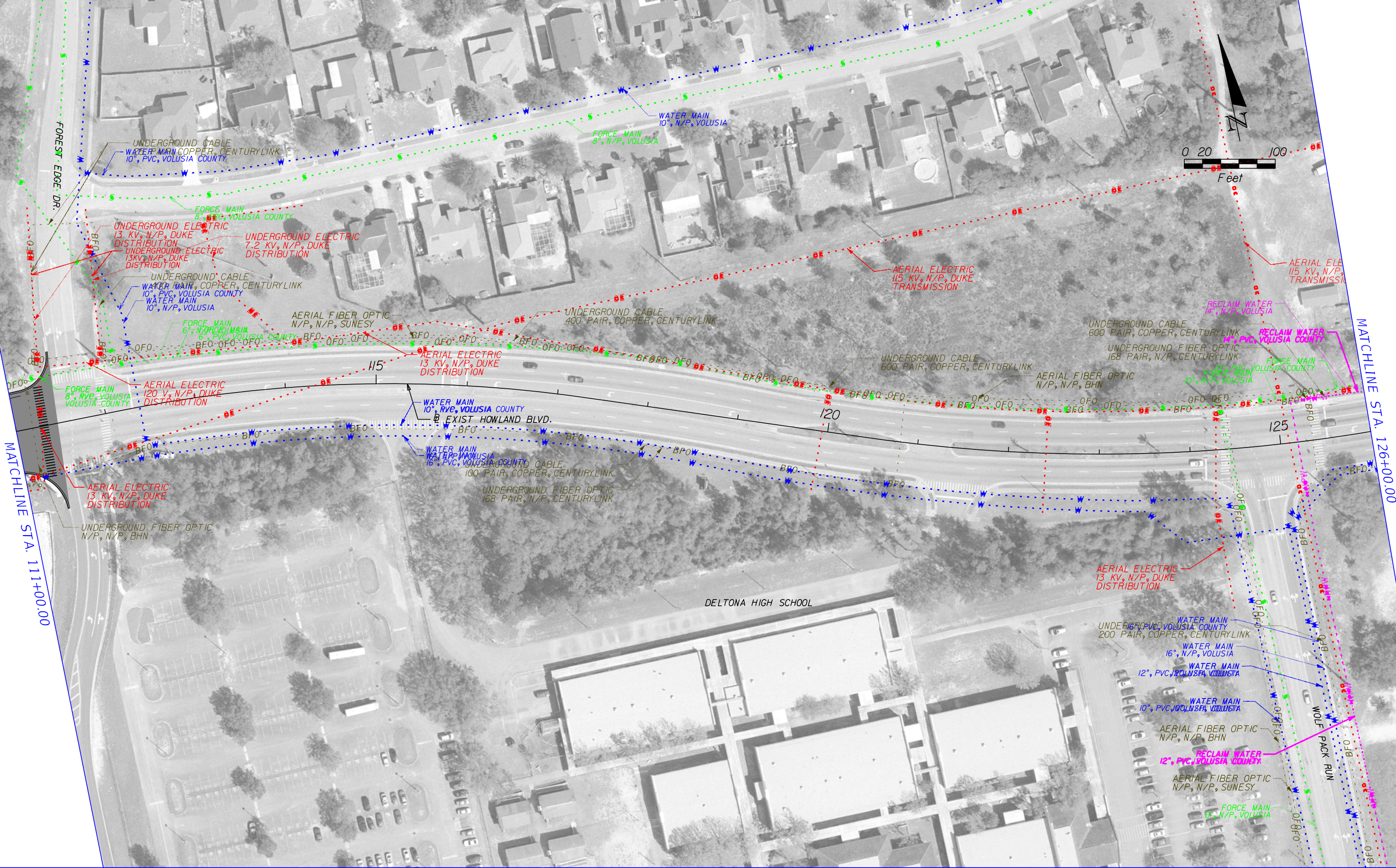
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4

SHEET NO.  
 40





	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

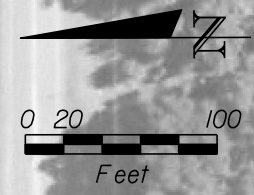
HNTB CORPORATION  
610 CRESCENT EXECUTIVE CT  
SUITE 400  
LAKE MARY, FL 32746  
(407) 805-0355  
CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
SR 472  
SEGMENT 4**

SHEET NO.
41





MATCHLINE MLK 1

	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

SHEET NO.  
**42**





MATCHLINE MLK 1

MATCHLINE MLK 2



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

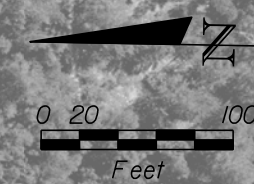
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

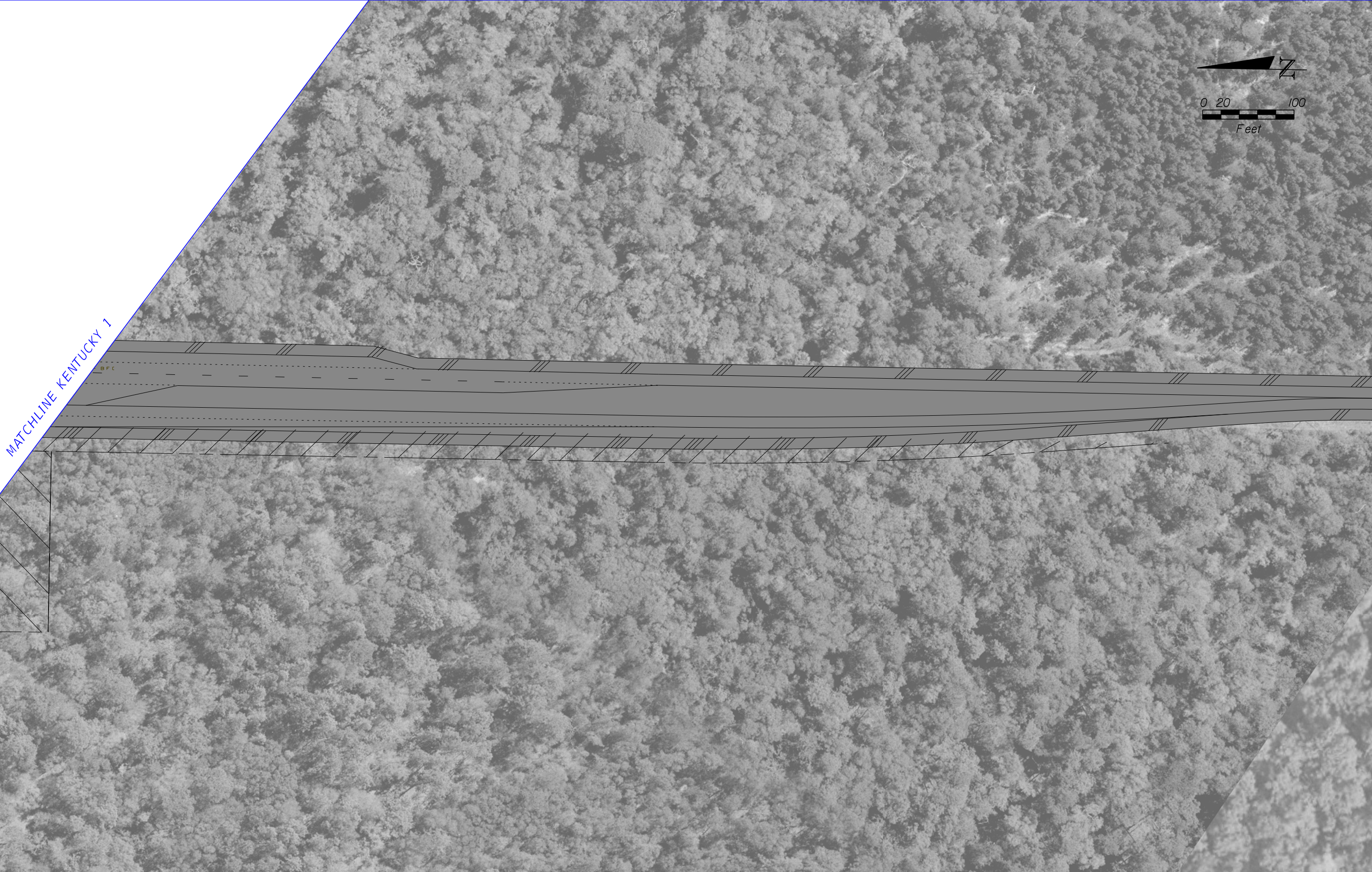
SHEET NO.  
**43**





MATCHLINE KENTUCKY 1

MATCHLINE KENTUCKY 2



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

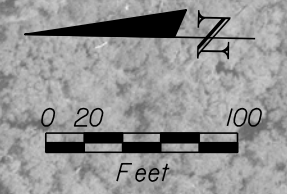
HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

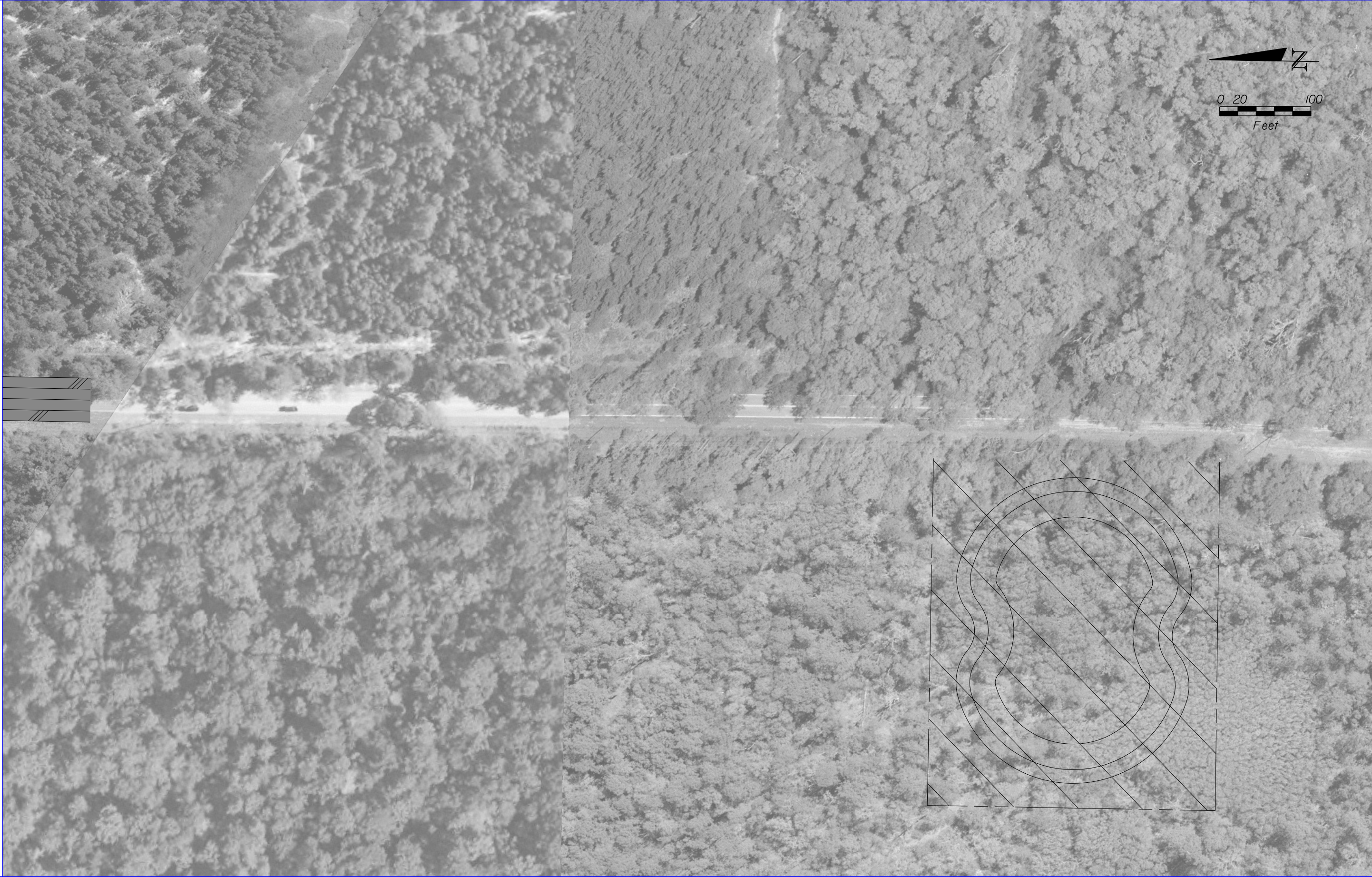
**I-4 PD&E STUDY**  
**SR 472**  
**SEGMENT 4**

SHEET NO.  
**44**





MATCHLINE KENTUCKY 2



	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
 CERT. OF AUTH. NO. 6500

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

SHEET NO.  
**45**





	GAS LINE		COMMUNICATIONS LINE
	SANITARY LINE		NON-POTTABLE WATER LINE
	ITS LINE		ELECTRIC LINE
	WATER LINE		PROPOSED ROADWAY

HNTB CORPORATION  
 610 CRESCENT EXECUTIVE CT  
 SUITE 400  
 LAKE MARY, FL 32746  
 (407) 805-0355  
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	VOLUSIA	432100-1-22-01

**I-4 PD&E STUDY  
 SR 472  
 SEGMENT 4**

SHEET NO.  
**46**