

# Final Utility Assessment Package Update

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## US 301/SR 41 (Gall Blvd.) from SR 39 to South of CR 54

Work Program Item Segment No.: 256422-2

## Project Development & Environment Study Update



Florida Department of Transportation  
11201 North McKinley Drive  
Tampa, Florida 33612

November 2012 (Cover Update)

# **Final Utility Assessment Package Update**

## **US 301/SR 41 (Gall Blvd.) Project Development & Environment (PD&E) Study Update**

**From SR 39 to South of CR 54  
Pasco County, Florida**

WPI Number: 256422-2

### **Prepared for:**

Florida Department of Transportation, District 7  
11201 N. McKinley Drive  
Tampa, Florida 33612

### **Prepared by:**

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Certificate of Authorization No.: 4464

**July 2012**



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## **1.0 INTRODUCTION**

### **1.1 Project Description**

The Florida Department of Transportation (FDOT), District Seven, Pasco County and the City of Zephyrhills are working together to determine alternative roadway improvements to be considered in a Project Development and Environment (PD&E) Study Update for U.S. 301 (Gall Blvd.) in southeastern Pasco County. The project location is illustrated on **Figure 1-1**. The study limits are from S.R. 39 to south of County Road (C.R.) 54 (Eiland Blvd.), a distance of 2.6 miles.

The objective of this PD&E Study is to provide documented environmental and engineering analysis which will assist the FDOT and the Federal Highway Administration (FHWA) reach a decision on the type, conceptual design and location of the necessary improvements within the U.S. 301 study corridor to safely and efficiently accommodate future travel demand. The PD&E Study Update also satisfies the requirements of the National Environmental Policy Act (NEPA) and other applicable federal requirements, in order for this project to qualify for federal-aid funding of its subsequent phases. The PD&E Study Update will compare alternatives based on a variety of parameters using a matrix format. This analytical process identifies the alternative that would have the least impact while providing the necessary improvements.

### **1.2 Existing Facility**

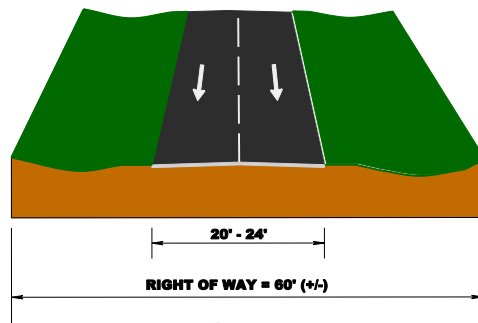
The existing U.S. 301 roadway is a two-lane, undivided rural road with four-foot paved shoulders from S.R. 39 to Geiger Road (North Avenue). North of Geiger Road, U.S. 301 is a four-lane, divided rural road with four-foot paved shoulders. A one-way pair of roadways was created in 1996 by the City of Zephyrhills using 6th and 7th Streets as an alternate route to U.S. 301. The couplet begins at A Avenue for northbound traffic on 7th Street and ends at Geiger Road, while southbound traffic on 6<sup>th</sup> Street begins at 15th Avenue and ends at A Avenue. See Figure 1-2 for the existing typical sections.

### **1.3 Project Need**

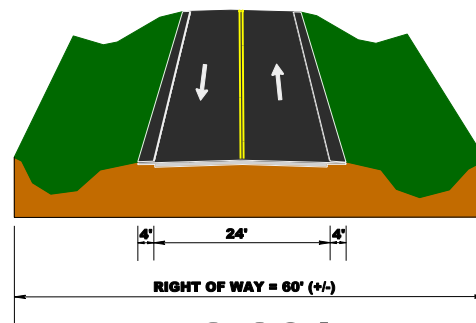
U.S. 301 is a north-south arterial that spans the limits of eastern Pasco County and serves as a primary route connecting the cities of Zephyrhills and Dade City. A highway capacity analysis along the U.S. 301 study corridor shows that only one of five southbound roadway segments on US 301 currently does not operate at the adopted Level of Service (LOS) standard D in either the AM or PM peak hours. All five northbound roadway segments operate at an acceptable LOS in both the AM and PM peak hours. All seven of the intersections studied along U.S. 301 within the study corridor currently operate at an overall LOS D or better during both the AM and PM peak hours. Design year (2035) traffic projections show that if no improvements are made to U.S. 301 unacceptable LOS (LOS E or worse) is projected on additional U.S. 301 roadway segments (three of five northbound and four of five southbound) during the AM and/or the PM peak hours. Additionally, six of the seven study intersections will also operate at an unacceptable LOS during the AM and/or the PM peak hours.



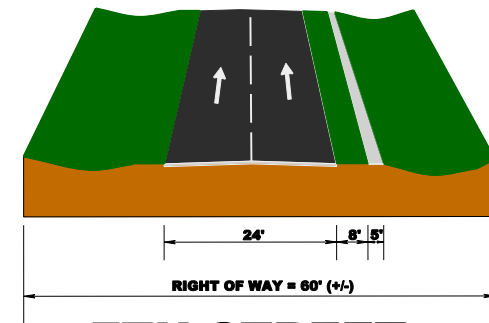
# EXISTING TYPICAL SECTIONS



**6TH STREET**



**US 301**



**7TH STREET**



The 2035 Cost Affordable Roadway Plan of the *Pasco County MPO Long Range Transportation Plan (LRTP)* identifies the conversion of U.S. 301 from an existing two-lane undivided roadway to a one-way pair system. To provide an acceptable LOS in the design year three through lanes in one direction on each of the two roadways forming the one-way pair system are needed.

#### **1.4 Proposed Improvements**

The two proposed build alternatives consist of the 6<sup>th</sup> Street and U.S. 301 (Gall Blvd.) One Way Pair Alternative and the 6<sup>th</sup> and 7<sup>th</sup> Street One Way Pair Alternative. Under the proposed 6<sup>th</sup> Street and U.S. 301 (Gall Blvd.) One Way Pair Alternative, U.S. 301 will be converted from a two-lane, two-way, undivided roadway facility to a one-way, three-lane (northbound) roadway from Palm Grove Avenue to A Avenue where it will connect with 7<sup>th</sup> Street. Seventh Street will be widened from a two-lane, one-way (northbound) to a three-lane, one-way (northbound) roadway facility from A Avenue to Fort King Road where it intersects with U.S. 301. Gall Boulevard remains as a two-lane, two-way, undivided roadway facility from A Avenue to 16<sup>th</sup> Avenue. Sixth Street is extended south to Palm Grove Avenue where it will join U.S. 301 and is widened from a two-lane, one-way (southbound) to a three-lane, one-way (southbound) roadway facility to 16<sup>th</sup> Avenue. See **Figure 1-3A** for the proposed typical sections.

Under the 6<sup>th</sup> Street and 7<sup>th</sup> Street One-Way Pair Alternative, U.S. 301 is converted from a two-lane, two-way, undivided roadway facility to a one-way, three-lane (northbound) roadway from Cory to A Avenue where it will connect with 7<sup>th</sup> Street. Seventh Street is widened from a two-lane, one-way (northbound) to a three-lane, one-way (northbound) roadway facility from A Avenue to Fort King Road where it intersects with U.S. 301. U.S. 301 (Gall Blvd.) remains as a two-lane, two-way, undivided roadway facility from A Avenue to south of Geiger Road. Sixth Street is extended south to Cory Street where it will join U.S. 301 and is widened from a two-lane, one-way (southbound) to a three-lane, one-way (southbound) roadway facility to 16<sup>th</sup> Avenue. See **Figure 1-3B** for the proposed typical sections.

The Preferred Alternative is the 6<sup>th</sup> Street and 7<sup>th</sup> Street One-Way Pair Alternative.

#### **1.5 Report Purpose**

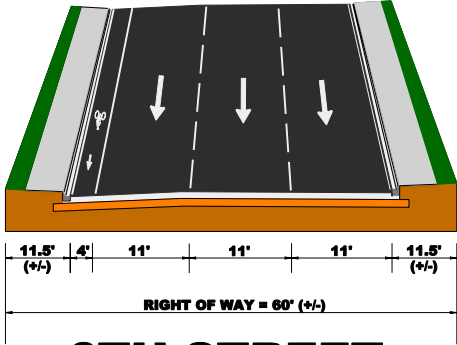
This Utility Assessment Package is part of the documentation needed to complete the PD&E Study Update. The purpose of this package is to evaluate and consider potential surface and subsurface utility conflicts associated with the proposed project.

### **2.0 EXISTING UTILITIES**

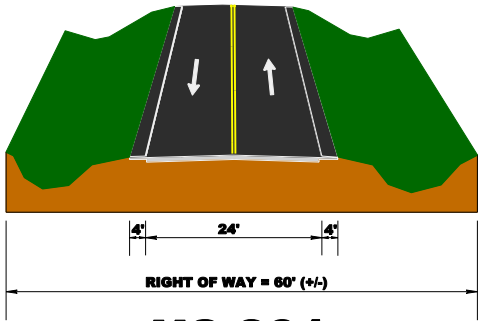
To evaluate potential utility conflicts associated with the improvement alternatives, all available information was obtained concerning the location and characteristics of major existing or proposed utilities within the 6<sup>th</sup> Street, U.S. 301, 7<sup>th</sup> Street/Fort King Road corridors.

A preliminary list of utility owners was developed from a Design Ticket received from Sunshine One Call. Each utility owner on the design ticket was then mailed a project location map, proposed typical sections, two sets of aerial-photography-based plans of the conceptual layout

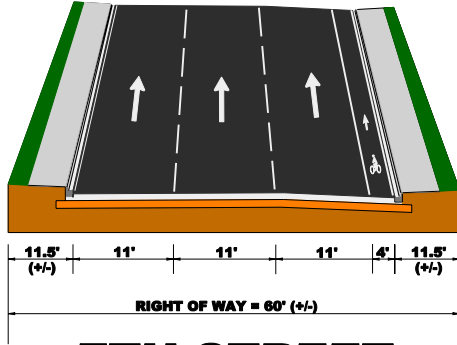
# 6TH AND 7TH STREET ONE-WAY PAIR ALTERNATIVE



**6TH STREET**



**US 301**



**7TH STREET**



for the two alternatives that were considered depicting existing and proposed right of way lines, highway stationing numbers, and the plans sheets from the original Utility Assessment Package prepared as part of the U.S. 301 PD&E Study conducted in 2001. See Appendix A for the original Utility Assessment Package from June 2001.

The owners were asked to mark up and return either one copy of the plans or edited .dgn files and return with an indication of existing facilities and proposed adjustments (regardless of the proposed project), within the 6<sup>th</sup> Street, U.S. 301, 7<sup>th</sup> Street and Fort King Road corridors and to provide cost estimates for any relocations anticipated.

## 2.1 Utility Owners

The following utility agencies/owners were sent plans and asked to identify any facilities within the project limit:

Bright House Networks – Citrus  
CenturyLink (formerly Qwest Communications)  
City of Zephyrhills  
Pasco County Utilities  
Progress Energy  
Ramblewood M/H Community  
TECO Peoples Gas – Tampa  
Verizon Florida, Inc.  
Withlacoochee River Electric Cooperative  
Zephyrhills Spring Water Company

The utility agencies/owners that confirmed they have facilities within the project area and provided marked plans showing their existing facilities are:

Bright House Networks – Citrus Mr. Eddie Thomas 30432 State Road 54 Wesley Chapel, FL 33543 Phone: 813-862-0522 x84429	City of Zephyrhills Mr. Bruce Sellers 39421 South Street Zephyrhills, FL 33542 Phone: 813-780-0028	Progress Energy Mr. Darryl Foshee 36753 Eiland Blvd., ZE13 Zephyrhills, FL 33541 Phone: 813-783-6944
TECO Peoples Gas Mr. Luis Castellano 1400 Channelside Dr. Tampa, FL 33605 Phone: 813-275-3743	Verizon Florida, Inc. Mr. David Wynns 1909 U.S. 301 North Tampa, FL 33619 Phone: 813-627-8343	

Utility agencies/owners that confirmed they have no facilities within the project area or had no facilities in conflict with the proposed improvements are:

Pasco County Utilities  
Mr. A. Glenn Greer, P.E.  
7530 Little Road, Bldg. S-205  
New Port Richey, FL 34654  
Phone: 727-847-8145

Ramblewood M/H  
Community  
Mr. Jeff Heiler  
3853 Gall Blvd.  
Zephyrhills, FL 33541  
Phone: 813-788-7219

Withlacoochee River Electric  
Cooperative  
Mr. Corey Littlefield  
30461 Commerce Dr.  
San Antonio, FL 33526  
Phone: 352-588-5115 x1131

Utility agencies/owners that did not provide utility information as of the preparation of this report are:

CenturyLink  
Mr. George McElvain  
700 West Mineral Avenue  
NE J31.2  
Littleton, CO 80120  
Phone: 303-992-9931

Zephyrhills Spring Water  
Company  
Attn: Customer Service  
4330 20th Street  
Zephyrhills, FL 33542  
Phone: 813-789-1959 x352

## **2.2 Description of Utilities**

Plans showing the location of existing and proposed utilities based on marked plans from the utility agencies/owners are provided in Appendix B. A brief description of the existing facilities is summarized below:

### **Bright House Networks:**

Aerial fiber optic and coax lines run from S.R. 39 to Palm Grove Avenue, and then picks up again at Justin Avenue ending at South Avenue. Aerial lines also run on Fir Avenue, Jendral Avenue, Alston Avenue, C Avenue, B Avenue, South Avenue, at various intervals in-between 6<sup>th</sup> Street and U.S. 301 from South Avenue to 15<sup>th</sup> Avenue, and on 7<sup>th</sup> Street at various intervals between 8<sup>th</sup> Avenue and Fort King Rd. to U.S. 301. Buried fiber optic and coax lines run at various intervals on US 301 from Tucker Road to South Avenue. Buried fiber optic and coax lines also run at various intervals throughout the project limits on 6<sup>th</sup> Street and 7<sup>th</sup> Street.

### **City of Zephyrhills: Sewer Mains**

There is one 8" FM crossing U.S. 301 and 6<sup>th</sup> Street on the North side of 5<sup>th</sup> Avenue.

### **City of Zephyrhills: Water Mains**

#### U.S. 301:

1" Water Main (WM) runs east/west along Stebbins Avenue to U.S. 301 and continues north.

1 ½" galvanized WM at 5<sup>th</sup> Avenue.

2" WM: Various intervals starting at Palm Grove Avenue and continues along several side streets to 14<sup>th</sup> Avenue.

4" steel WM runs east/west along 11<sup>th</sup> Avenue where it connects to a 2" WM.

6" WM: Asbestos Cement (A/C) WM runs east/west along B Avenue crossing over; A/C WM runs east/west along South Avenue crossing over; steel WM runs east/west along 7<sup>th</sup>



Avenue crossing over and connects to a fire hydrant; steel WM runs east/west along 16<sup>th</sup> Avenue crossing over.

8" WM: High-density polyethylene (HDPE) WM runs east/west along Fir Avenue crossing over, then turns south; polyvinyl chloride (PVC) WM runs on north side of Alston Avenue crossing over; PVC WM runs north past Stebbins Avenue; 8" steel WM runs east/west along 5<sup>th</sup> Avenue crossing over; PVC WM runs east/west along 12<sup>th</sup> Avenue crossing over.

6<sup>th</sup> Street:

Sizes of water mains vary between 2", 4", 6" and 8" and run from Palm Grove Avenue to 15<sup>th</sup> Avenue.

**Progress Energy:**

Progress Energy has power poles along U.S. 301 starting at S.R. 39 and continues on 6<sup>th</sup> Street and 7<sup>th</sup> Street for the entire length of the project. Many of these poles will be adjusted or removed and relocated to accommodate the proposed design for both of the viable build alternatives.

**TECO Peoples Gas:**

TECO Peoples Gas has a 4" polyethylene (PE) line placed 12' from EOP of the roadway running north along U.S. 301 to Tucker Road where it heads east to S.R. 39 and continues north along the east side of S.R. 39 connecting to U.S. 301. This 4" PE line then becomes a 6" PE line at Charles Avenue and continues north maintaining 12' from EOP of the roadway to 7<sup>th</sup> Street. The 6" PE line continues north along 7<sup>th</sup> Street to North Avenue where it turns and follows North Avenue west to U.S. 301, turns north and continues to Ft. King Road. A 6" PE line crosses over U.S. 301 to Geiger Road and continues west. A 2" PE line runs west along A Avenue just east of 6<sup>th</sup> Street then heads north past South Avenue. A 2" PE line runs east along 6<sup>th</sup> Avenue past U.S. 301 then heads north past 7<sup>th</sup> Avenue. A 2" PE line runs east along North Avenue then heads south down Ft. King Road past 17<sup>th</sup> Avenue.

**Verizon Florida:**

Aerial and buried fiber optic and coax lines run along various intervals of 6<sup>th</sup> Street, U.S. 301 and 7<sup>th</sup> Street from the beginning of the project to the end of the project for both alternatives. There is a system with 2 manholes & 13 existing cables within a 4" 18-way conduit system feeding into Verizon's Central Office building at A Avenue and U.S. 301.

**Zephyrhills Bottled Water:**

While not a utility, Zephyrhills Bottled Water has a 10" stainless steel water line that comes from Crystal Springs to their water plant on 20<sup>th</sup> Street. The line is buried along the old U.S. 301 in front of Zephyr Senior Mobile Home Park, it crosses U.S. 301 and S.R. 39 at Tucker Road and proceeds east down Tucker Road to 20<sup>th</sup> Street.

**3.0 UTILITY RELOCATION COST ESTIMATE**

As previously discussed in Section 2.0 of this report, several utility distribution lines are located within the existing U.S. 301 ROW, including aerial and buried power lines, aerial and buried

telephone cables, aerial cable television lines, potable water mains, force mains, and gas mains. Depending on their location and depth, implementation of the recommended improvements for the project may require adjustment or relocation of some of these facilities. Per the procedures outlined in Part 2, Chapter 10 of the FDOT PD&E Manual, a set of plans identifying the two alternatives that were under evaluation were sent to the utility companies to provide conceptual utility relocation costs. The following summarizes the information received:

**Bright House Networks:**

Relocation costs were not provided.

**CenturyLink (formerly Qwest Communications):**

Relocation costs were not provided.

**City of Zephyrhills:**

Relocation costs associated with the alternatives under consideration was not provided. Costs associated with a widening concept developed by city utility staff was provided but were not pertinent to this evaluation.

**Pasco County Utilities:**

Relocation costs were not provided.

**Progress Energy:**

Relocation costs were not provided.

**TECO Peoples Gas:**

The following costs were provided by TECO Peoples Gas for the two alternatives:

6<sup>th</sup> Street & U.S. 301 Alternative:

<b>Facility</b>	<b>Linear Feet</b>	<b>Costs</b>	<b>Totals</b>
4" Pipe	1,300	\$24.00	\$31,200.00
6" Pipe	6,007	\$30.00	\$180,210.00
		<b>Total</b>	<b>\$211,410.00</b>

6<sup>th</sup> and 7<sup>th</sup> Street Alternative:

<b>Facility</b>	<b>Linear Feet</b>	<b>Costs</b>	<b>Totals</b>
4" Pipe	1,300	\$24.00	\$31,200.00
6" Pipe	11,079	\$30.00	\$332,370.00
		<b>Total</b>	<b>\$363,570.00</b>

**Verizon Florida:**

Based on the information provided to them, the utility determined that at this time it was not possible to estimate the cost of relocation as requested.

A determination as to whether utility relocations necessitated by the proposed roadway improvements are reimbursable on a project is made by the FDOT's legal staff. This determination will be made during the design phase of the project.

#### **4.0 MITIGATIVE RECOMMENDATIONS**

An evaluation of the information provided by the utility agencies/owners indicates the only utility with a significant facility warranting special consideration within the limits of the preferred alternative is Verizon's central office building at U.S. 301 and A Avenue. The type and amount of cable and fiber optic lines tied into the Central Office would make relocation efforts extremely difficult and costly since according to Verizon, they have millions of dollars invested in that location. Careful coordination with Verizon in the design phase could help alleviate these costs.

**APPENDIX A**

**Utility Assessment Package June 2001**

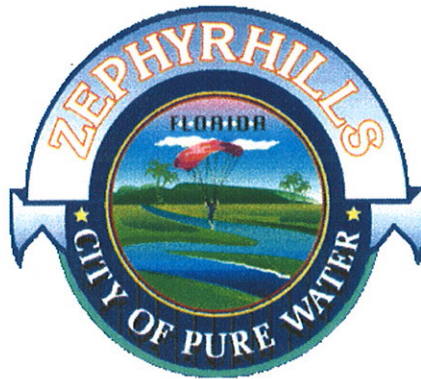


## Utility Assessment Package

**Work Program Item Number: 256422 1**  
**Federal Aid Project Number: 1455-001-U**

**U.S. 301 (S.R. 41)**  
**From S.R. 39 to C.R. 54**  
**Pasco County, Florida**

**This project evaluates adding through lanes on U.S. 301 from S.R. 39 to C.R. 54 through Zephyrhills. A one-way pair system using 6th Street and U. S. 301 is recommended. The approximate length of the project is 2.6 miles.**



Prepared by  
William D. Summers  
FDOT District Seven Utility Office

**June 2001**

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## **1.0 INTRODUCTION**

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for the improvement of U.S. 301 (S.R. 41) between S.R. 39 and C.R. 54, in Pasco County, Florida a distance of approximately 2.6 miles. Figure 1-1 illustrates the location and limits of the project and its relationship to the regional highway system.

### **1.1 Purpose**

The objective of the PD&E Study is to provide documented environmental and engineering analyses that will help the FDOT and the Federal Highway Administration (FHWA) reach a decision on the type, conceptual design, and location of the necessary improvement along the U.S. 301 corridor to accommodate future transportation needs in a safe and efficient manner. The PD&E Study also satisfies the requirements of the National Environmental Policy Act (NEPA) in order to qualify for federal aid funding.

This Utility Assessment Package is part of the documentation needed to complete the PD&E Study. The purpose of this package is to evaluate and consider potential surface and subsurface utility conflicts associated with the proposed project.

### **1.2 Project Description**

The U.S. 301 (S.R. 41) corridor is a north/south principal arterial facility that traverses through Tampa, Zephyrhills, Dade City, and continues north. The location and limits of the project are shown in Figure 2-1. Appendix A of this report includes copies of roadway maps and the Department's straight line diagrams illustrating all intersecting streets and roadways. The project is located partly in unincorporated Pasco County, from S.R. 39 to C Avenue. The section from C Avenue north to C.R. 54 is in the City of Zephyrhills.



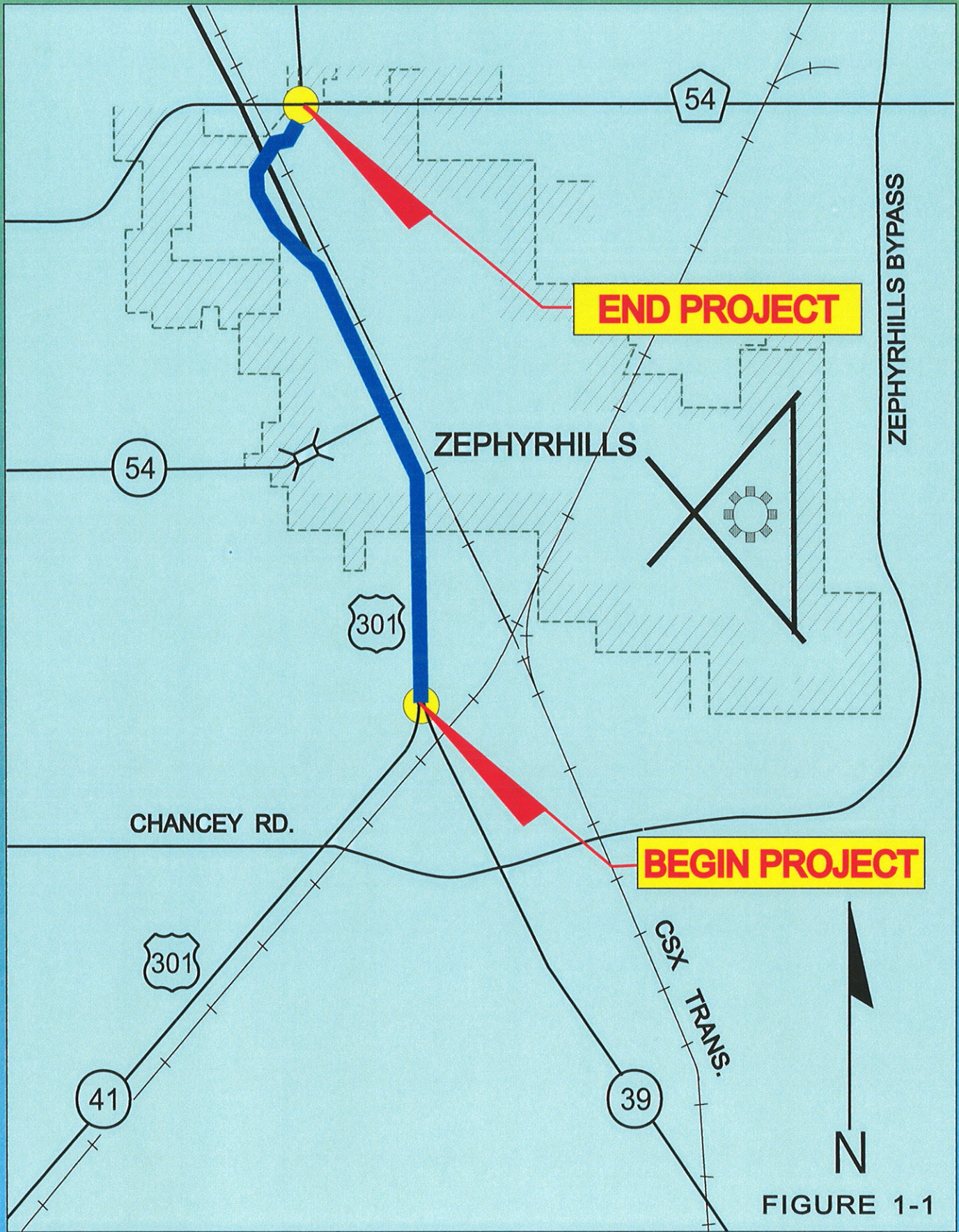


FIGURE 1-1



U.S. 301 PD&E STUDY  
 (S.R.39 TO C.R.54)  
 PASCO COUNTY

PROJECT LOCATION MAP  
 W.P.I. SEG. No. 256422 1  
 F.A.P. No. 1455-001-U





### 1.2.1 Existing Roadway Facility

The existing roadway is a two lane rural road with four foot paved shoulders. A one-way pair was created in 1996 by the City of Zephyrhills using 6<sup>th</sup> and 7<sup>th</sup> Streets as an alternate route to U.S. 301. The City's one-way pair system begins at A Avenue for northbound traffic on 7<sup>th</sup> Street and ends at C Avenue for southbound traffic on 6<sup>th</sup> Street. This Study considered the extension of the one-way streets, continuing 6<sup>th</sup> and/or 7<sup>th</sup> Street one-way to S.R. 39. See Figure 1-2.

### 1.2.2 Proposed Improvements

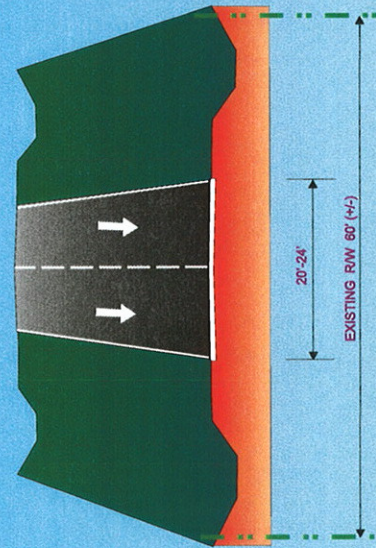
The Recommended Alternative is a one-way pair system using 6<sup>th</sup> Street southbound and U.S. 301 northbound. The proposed urban typical section for both of these streets consists of three 11-foot travel lanes, a four-foot bicycle lane and five-foot sidewalks on each side. An underground pipe system is proposed to convey storm water to retention ponds. See Figure 1-3.



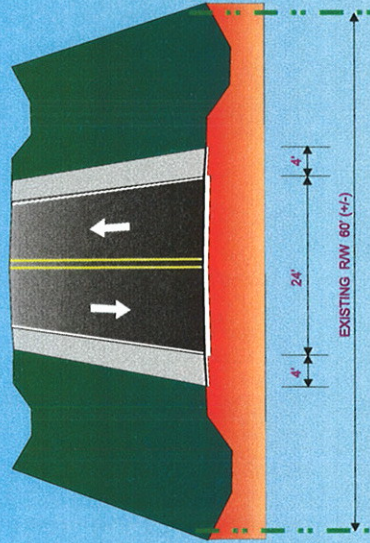
**U.S. 301  
IN ZEPHYRHILLS  
FROM S.R. 39 TO C.R. 54**

FEDERAL AID NO. 1455-001-U

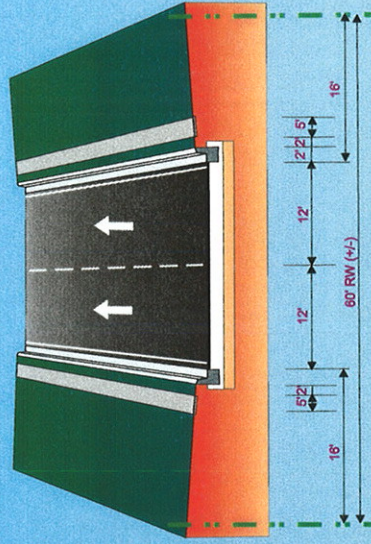
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**6TH STREET**



**U.S. 301**



**7TH STREET**

**EXISTING  
TYPICAL SECTIONS**



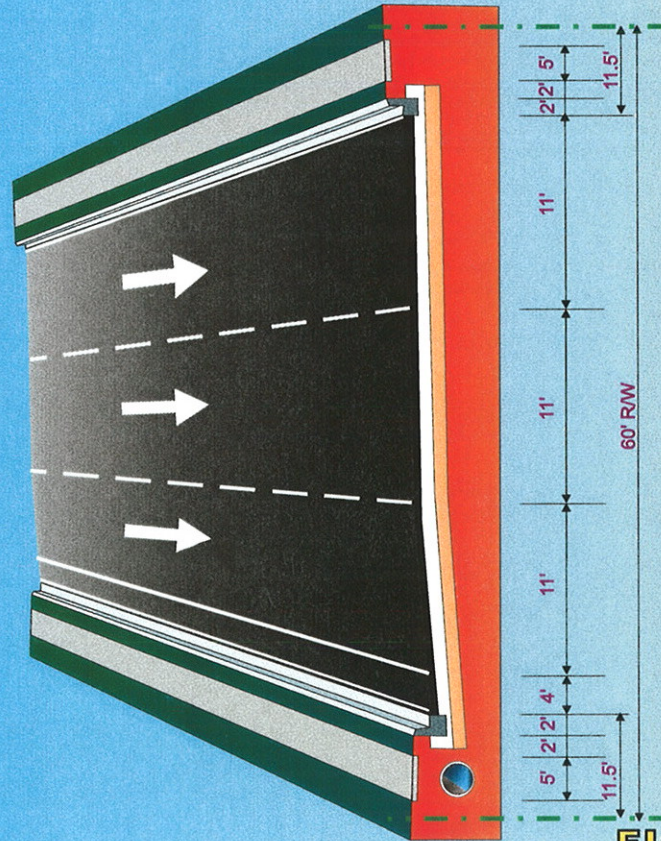
**FIGURE 1-2**



# U.S. 301 ZEPHYRHILLS PD&E STUDY FROM S.R. 39 TO C.R. 54

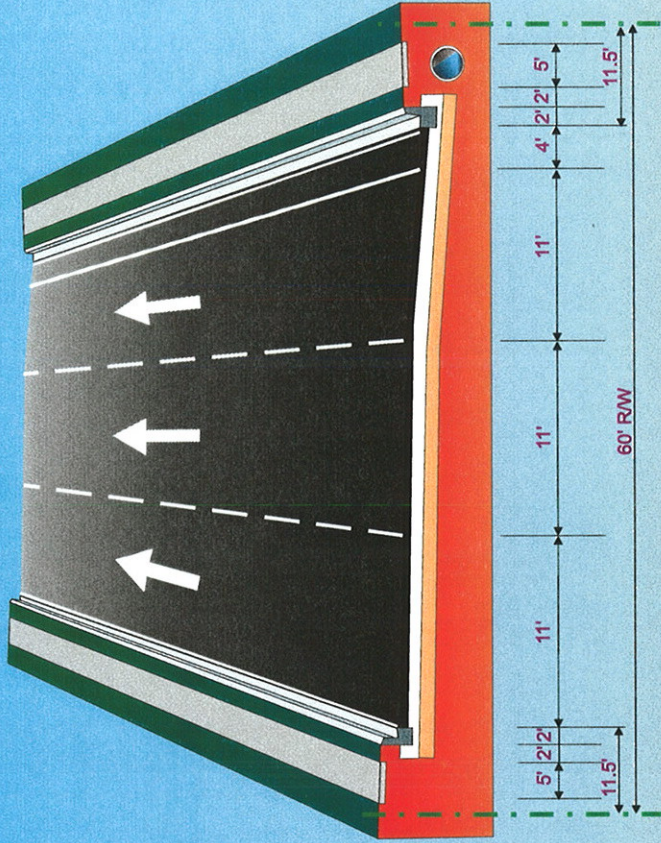
W.P.I. SEG. 256422 1  
FEDERAL AID NO. 1455-001-U

PROPOSED THREE LANE ONE WAY  
TYPICAL SECTION



6TH STREET

PROPOSED THREE LANE ONE WAY  
TYPICAL SECTION



U.S. 301

**RECOMMENDED  
ALTERNATIVE**



FIGURE 1-3



## **2.0 EXISTING UTILITIES**

In order to ultimately evaluate potential utility conflicts associated with the most feasible improvement alternative, all available information must be obtained concerning the location and characteristics of major existing or proposed utilities with the U.S. 301 corridor. As the first step in the process, a preliminary list of utility owners to contact was developed. Candidate owners for this "contact" list were those owners known to operate or have plans to operate facilities within the Pasco County area.

Each utility owner on the above list was then contacted by telephone and asked to verify ownership or operation of any utility facilities, existing or proposed (regardless of the proposed project), within the U.S. 301 corridor from S.R. 39 to C.R. 54.

### **2.1 Utility Owners**

The remaining companies on the "contact" list confirmed ownership of utility facilities within the project corridor. These owners (see list on next page) were then provided with two sets of aerial-photography-based plans depicting existing drainage structures, right of way (ROW) lines, highway stationing numbers, and the conceptual layout of the most feasible roadway improvement alternative. The owners were asked to mark and return one set with an indication of existing facilities and proposed adjustments.

## Utility Companies in Project Limits

Florida Power Corporation  
Ms. Rosemary Gruenbaum  
2600 Lake Lucian Dr., Suite 400  
Maitland, Fl. 32751-7234  
Phone: 407-475-2471

City of Zephyrhills  
Mr. Louie Sellers  
5335 8<sup>th</sup> Street  
Zephyrhills, Fl. 33540  
Phone: 813-782-1191

Verizon Florida, Inc.  
Mrs. Kimberly S. Wiley  
120 East Lime Street  
Lakeland, Fl. 33801  
Phone: 863-284-2693

TECO Peoples Gas  
Ms. Barbara Bowen  
1400 Channelside Drive  
Tampa, Fl. 33605  
Phone: 813-275-3731

Moffat Communications (Cable TV)  
Mr. Jack Cooper  
30432 Highway 54 West  
Wesley Chapel, Fl. 33599  
Phone: 813-862-0500, Ext. 1055

Zephyrhills Bottled Water  
Ms. Meg Andronaco  
4330 20<sup>th</sup> Street  
Zephyrhills, Fl. 33540  
Phone: 813-789-1959, Ext. 243

## **2.2 Description of Utilities**

For plans showing the location of existing utilities, see Appendix.

A description of the existing facilities indicated by the utility owners are summarized below:

### **Florida Power Corporation: Distribution**

There are distribution lines through out the project on US 301 and 6<sup>th</sup> Street with numerous lines connecting side streets and service drops to businesses and residences.

### **Zephyrhills Bottled Water:**

While not a utility Zephyrhills Bottled Water has a 10" stainless steel water line that comes from Crystal Springs to their water plant on 20<sup>th</sup> Street. The line is buried along the old US 301 in front of Zephyr Senior Mobile Home Park, it crosses US 301 and SR 39 at Tucker Road and proceeds East down Tucker to 20<sup>th</sup> Street.

### **Moffat Communications: Cable TV**

There is aerial and buried cable throughout the project on US 301 and 6<sup>th</sup> Street. The buried lines typically run parallel to the roads the aerials are typically crossings.

### **Verizon Florida: Telephone**

There are multiple buried cables, fiber optic lines and conduit/manhole systems throughout the project, there is a 16-way conduit system feeding into the Verizon building at A Ave. and US 301. There is one run of aerial cables on the right side of US 301 from the junction with SR 39 to just north of the Firestone Tire store.

### **TECO Peoples Gas:**

TECO Peoples Gas has a 6" PE line on the right side of SR 39 placed 24' off the C/L roadway, between Tucker Road and the junction with US 301 a 4" PE line crosses over to US 301 and runs South on the right side of the road. The 6" PE line continues North maintaining 24' off C/L roadway to 7<sup>th</sup> Street were it turns and follows 7<sup>th</sup> Street north.

There is a 2" PE line crossing at 6<sup>th</sup> Ave. The 6" line reenters the DOT right-of-way at the NE corner of North Ave. and US 301.

#### **City of Zephyrhills: Water Mains**

**US 301:** The city has short runs of 2" WM parallel with the road at United 500/Plymale to Fir Ave., Stebbins Ave. to Justin Ave., Big A Auto Parts to B Ave., 3<sup>rd</sup> Ave. to Moody's Hardware, Town Centre to 6<sup>th</sup> Ave. and 10<sup>th</sup> Ave. to 11<sup>th</sup> Ave. There is a 2" WM crossing at Vinson Ave., a 4" WM at South Ave., 6" WM crossings at Fir Ave., Alston Ave., B Ave., 7<sup>th</sup> Ave. and 16<sup>th</sup> Ave. There are 8" WM crossings at 5<sup>th</sup> Ave. and 12<sup>th</sup> Ave.

**6<sup>th</sup> Street:** The bulk of the city utilities affected by the project area on this street. On the right side there is a 2" WM from Vinson Ave. to a tee at B Ave., from the tee a 6" WM goes to 3<sup>rd</sup> Ave. where it crosses 6<sup>th</sup> Street and turns West on 3<sup>rd</sup> Street. A 2" Wm continues from 3<sup>rd</sup> Ave. to a connection at 5<sup>th</sup> Ave., from this connection a 6" WM goes to a tee at 7<sup>th</sup> Ave. where it turns and goes E/W on 7<sup>th</sup>. Beginning at a tee at 11<sup>th</sup> Ave. a 2" WM to a connection at 16<sup>th</sup> Ave. Beginning at 5<sup>th</sup> Ave. there is an 8" WM on the left side of the road to 15<sup>th</sup> Ave. where it turns West on 15<sup>th</sup>.

#### **City of Zephyrhills: Sewer Mains**

There is one 8" FM crossing US 301 and 6<sup>th</sup> Street on the North side of 5<sup>th</sup> Ave.



### 3.0 UTILITY RELOCATION COST ESTIMATE

As previously discussed in Section 2.0 of this report, several utility distribution lines are located within the existing U.S. 301 ROW, including aerial and buried power lines, aerial and buried telephone cables, aerial cable television lines, potable water mains, force mains, and gas mains. Depending on their location and depth, implementation of the recommended improvements for the project may require adjustment of some of these facilities. A set of plans identifying the preferred alternative was sent to the utility companies to provide utility relocation costs.

#### City of Zephyrhills:

The bulk of the city's system in the project limits is on 6<sup>th</sup> Street and would be reimbursable. The facilities on US 301 that would carry an impact to the city consists of 2" service lines parallel to the road and 4", 6", and 8" crossings.

Facility	Linear Feet	Costs	Totals
2" Pipe	2230	\$11.17	\$24,909.10
4" Pipe	80	\$12.00	\$ 960.00
6" Pipe	420	\$10.50	\$4,410.00
8" pipe	310	\$62.19	\$19,278.90
Pipe Removal	3,565	\$6.49	\$23,136.85
		Total	\$72,694.85

#### TECO Peoples Gas:

Costs are taken from State bid.

Facility	Linear Feet	Costs	Totals
4" Pipe	620	\$18.90	\$11,718.00
6" Pipe	4,420	\$25.00	\$110,500.00
Pipe Removal	5,040	\$6.49	\$32,709.60
		Total	\$154,927.60

**Moffat Communications: Cable TV**

Moffat provided approximate costs for relocation of \$6.50 per foot for buried cable, \$5.00 per foot for aerial cable, this would put total relocation costs of the existing cables in the neighborhood of \$160,000.

**Verizon Florida: Telephone:**

No response to costs request.

**Florida Power Corporation:**

No response to costs request.

## **4.0 MITIGATIVE RECOMMENDATIONS**

The only utility facility out of the ordinary in the project limits is Verizon's central office building at US 301 and A Avenue. The type and amount of cable and fiber optic lines tied into the Central Office would make relocation efforts extremely expensive, careful coordination with Verizon in the design phase could help alleviate some of these costs.

# **APPENDIX**

## **Plans Showing Location of Existing Utilities**

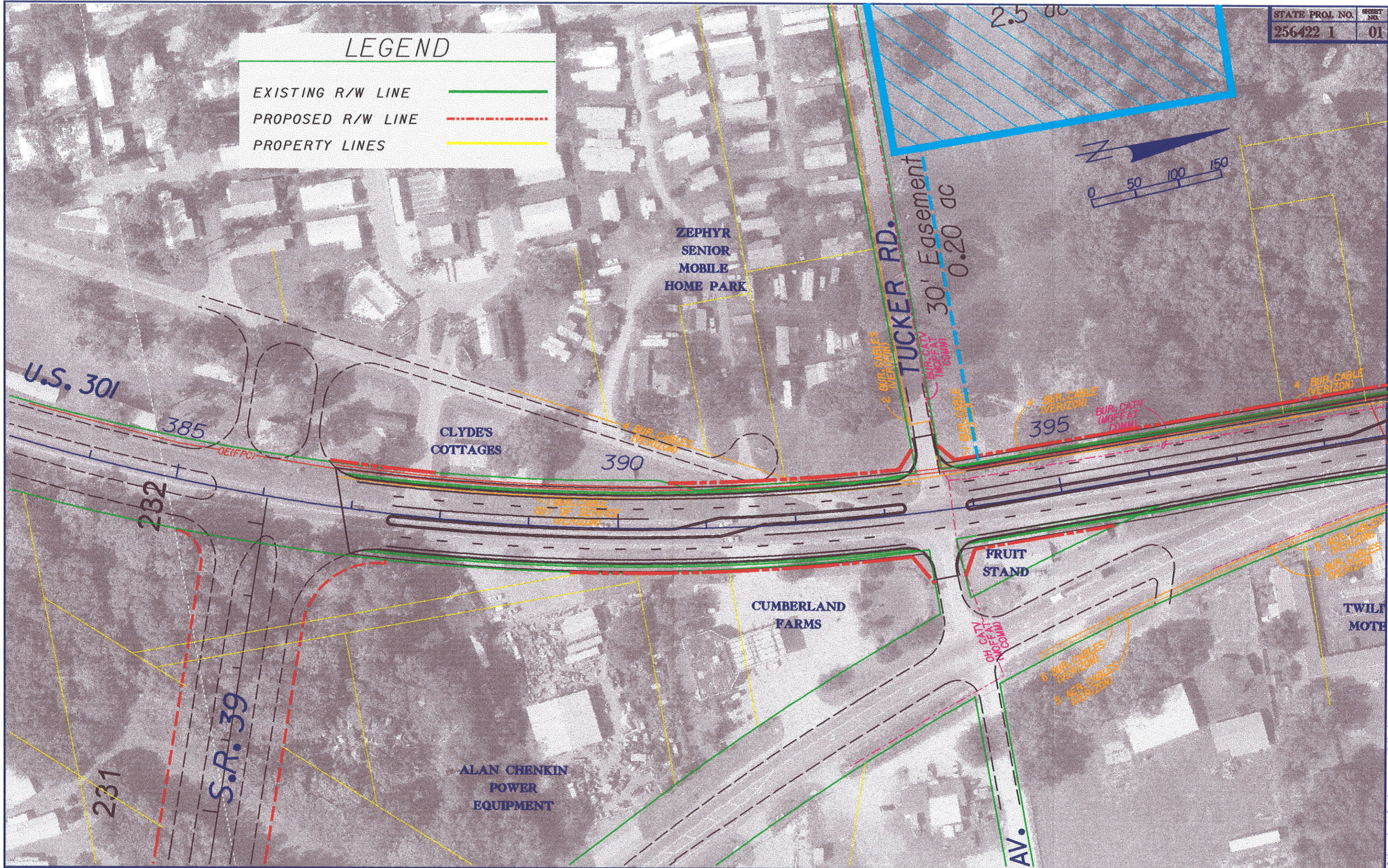
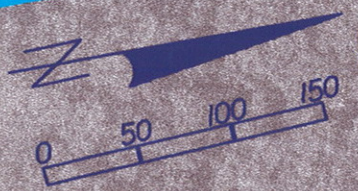


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PROPOSED R/W LINE - - - - -

PROPERTY LINES ———



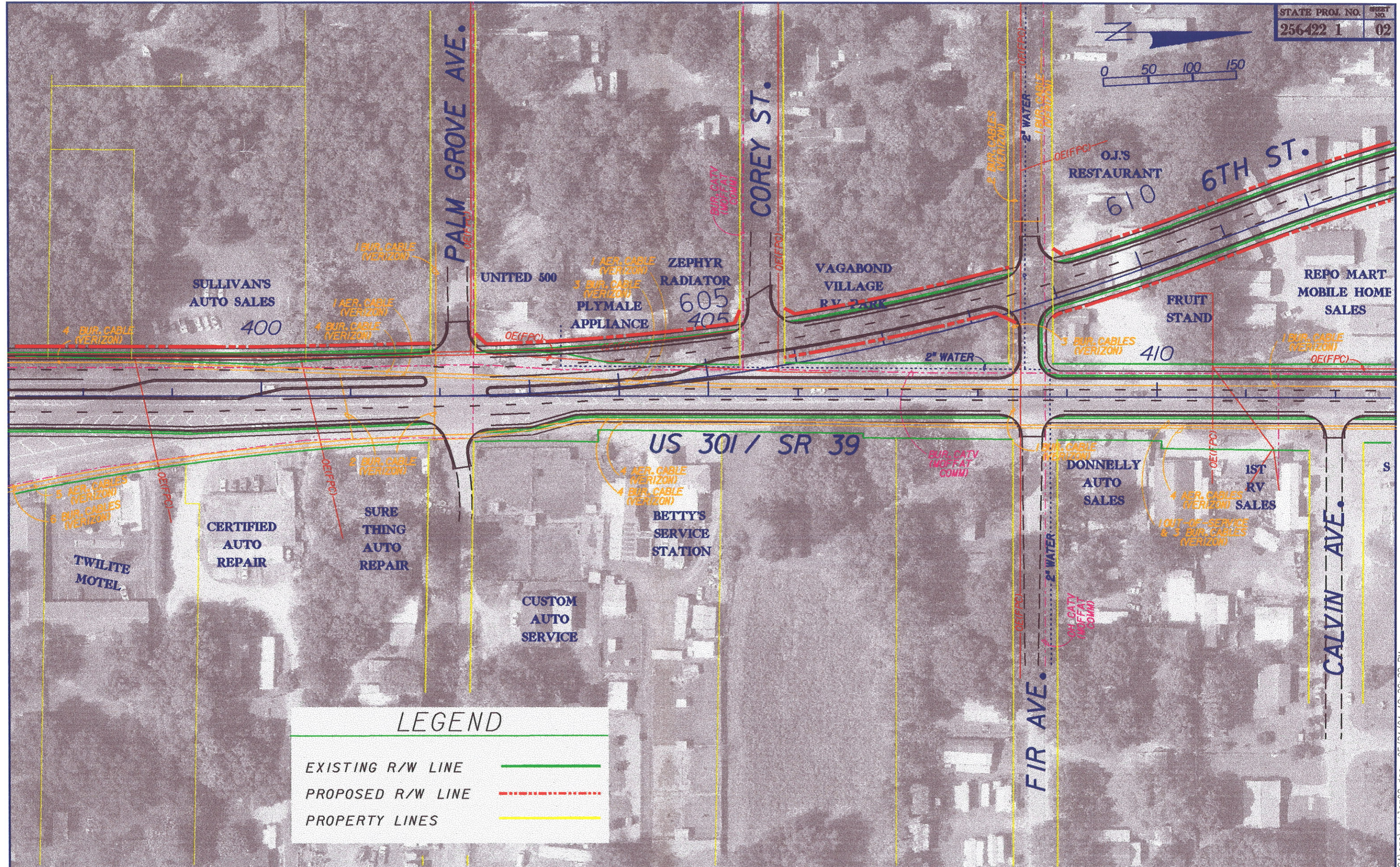
REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY

**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. 301 PD&E STUDY FROM S.R. 39 TO C.R. 54





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PROPOSED R/W LINE	
PROPERTY LINES	

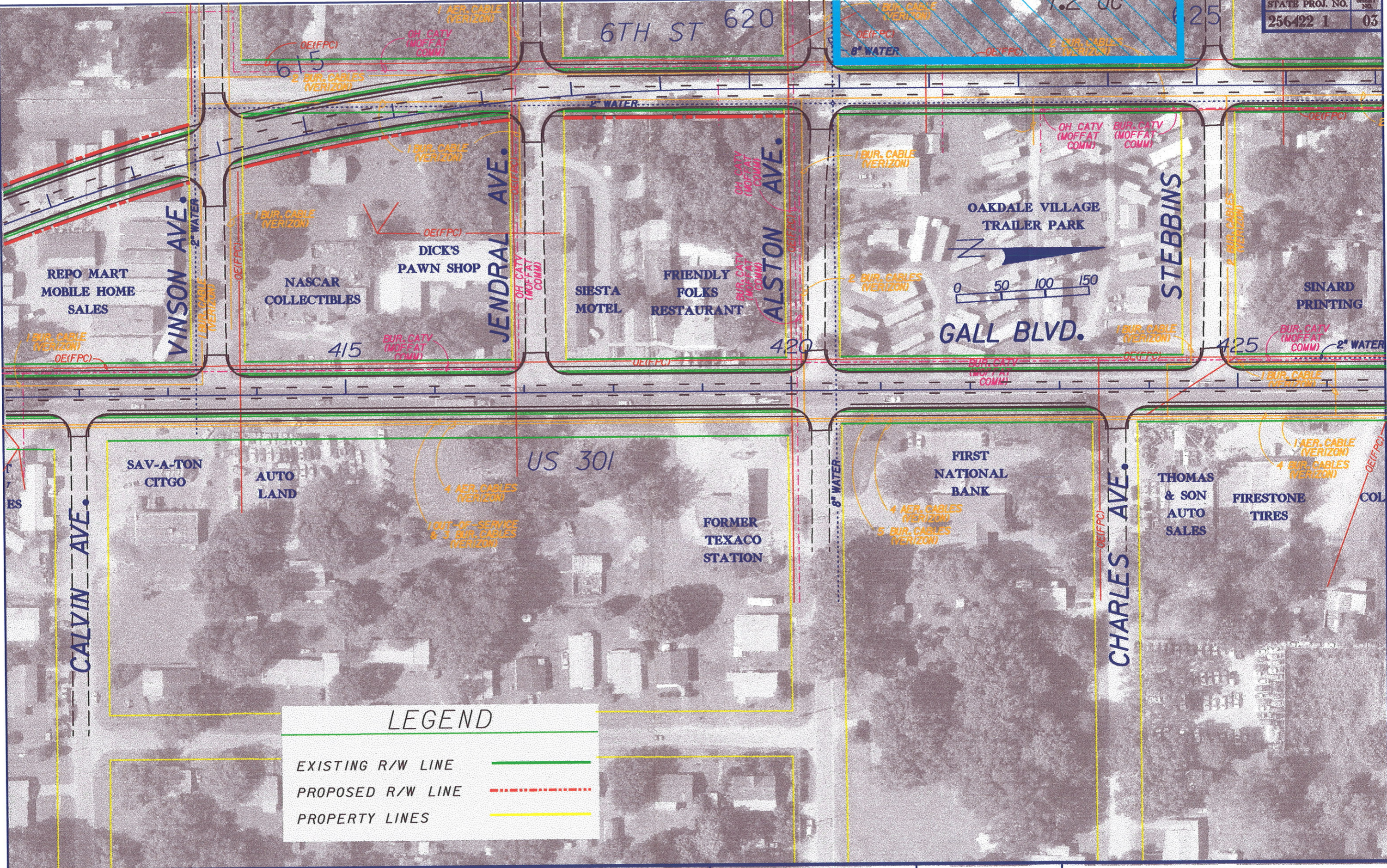
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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. 301 PD&E STUDY FROM S.R. 39 TO C.R. 54





**LEGEND**

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PROPOSED R/W LINE	
PROPERTY LINES	

**REVISIONS**

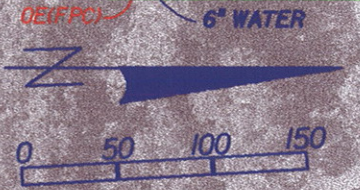
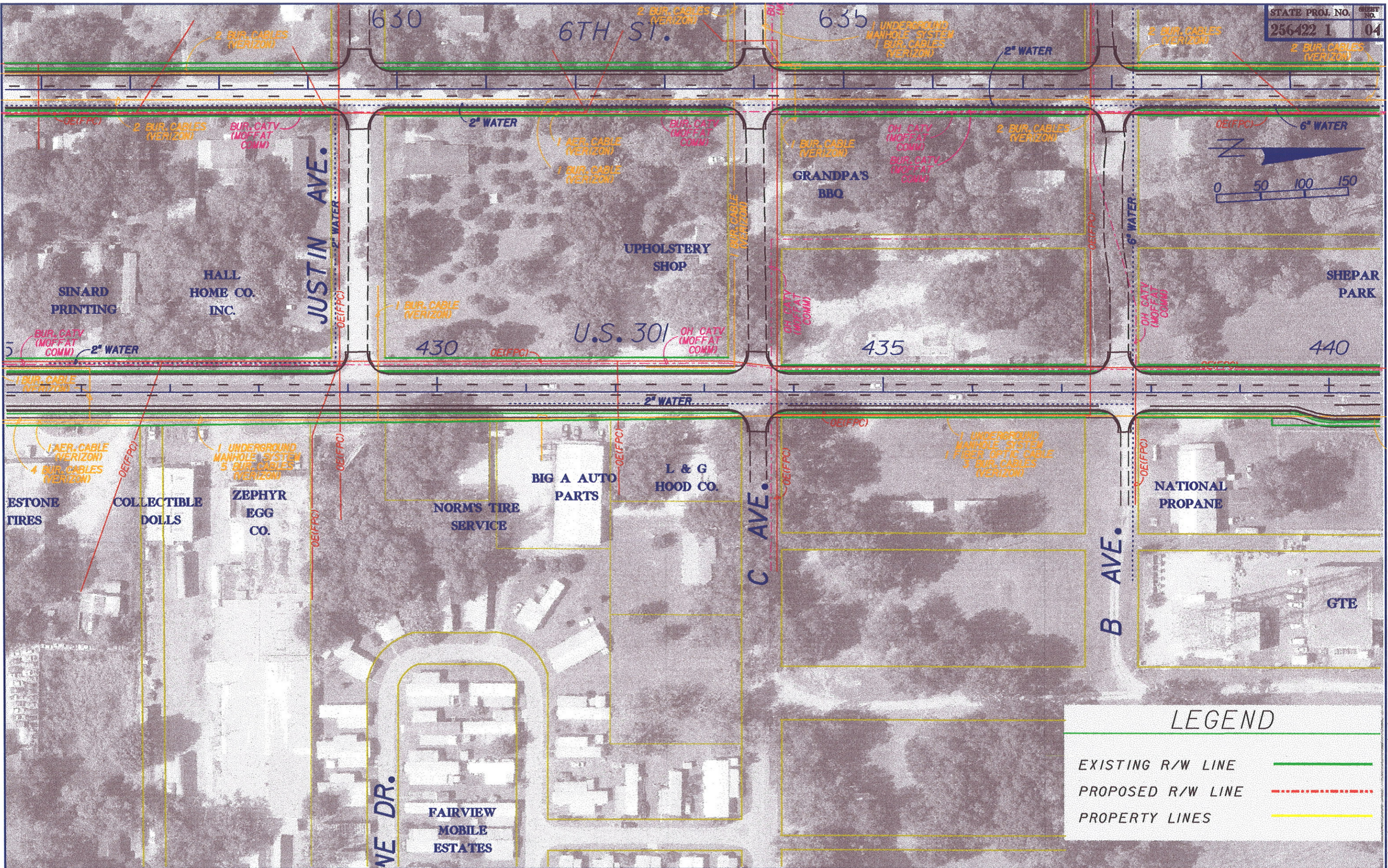
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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

**U.S. 301 PD&E STUDY FROM S.R. 39 TO C.R. 54**





**LEGEND**

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PROPERTY LINES	<span style="color: yellow;">———</span>

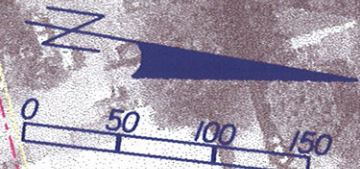
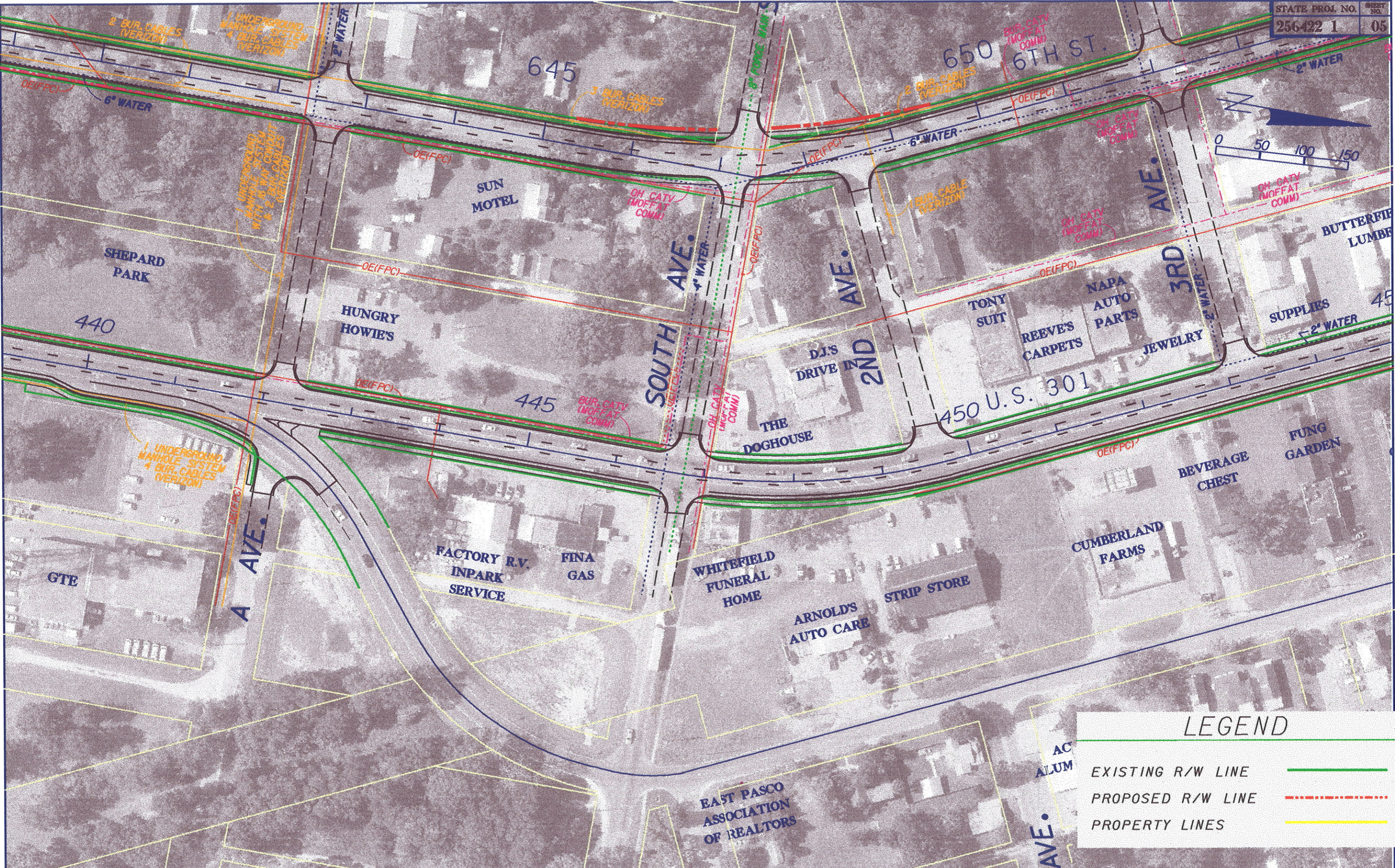
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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF  
TRANSPORTATION

**U.S. 301 PD&E STUDY  
FROM S.R. 39 TO C.R. 54**





**LEGEND**

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- PROPOSED R/W LINE - - - - -
- PROPERTY LINES ———

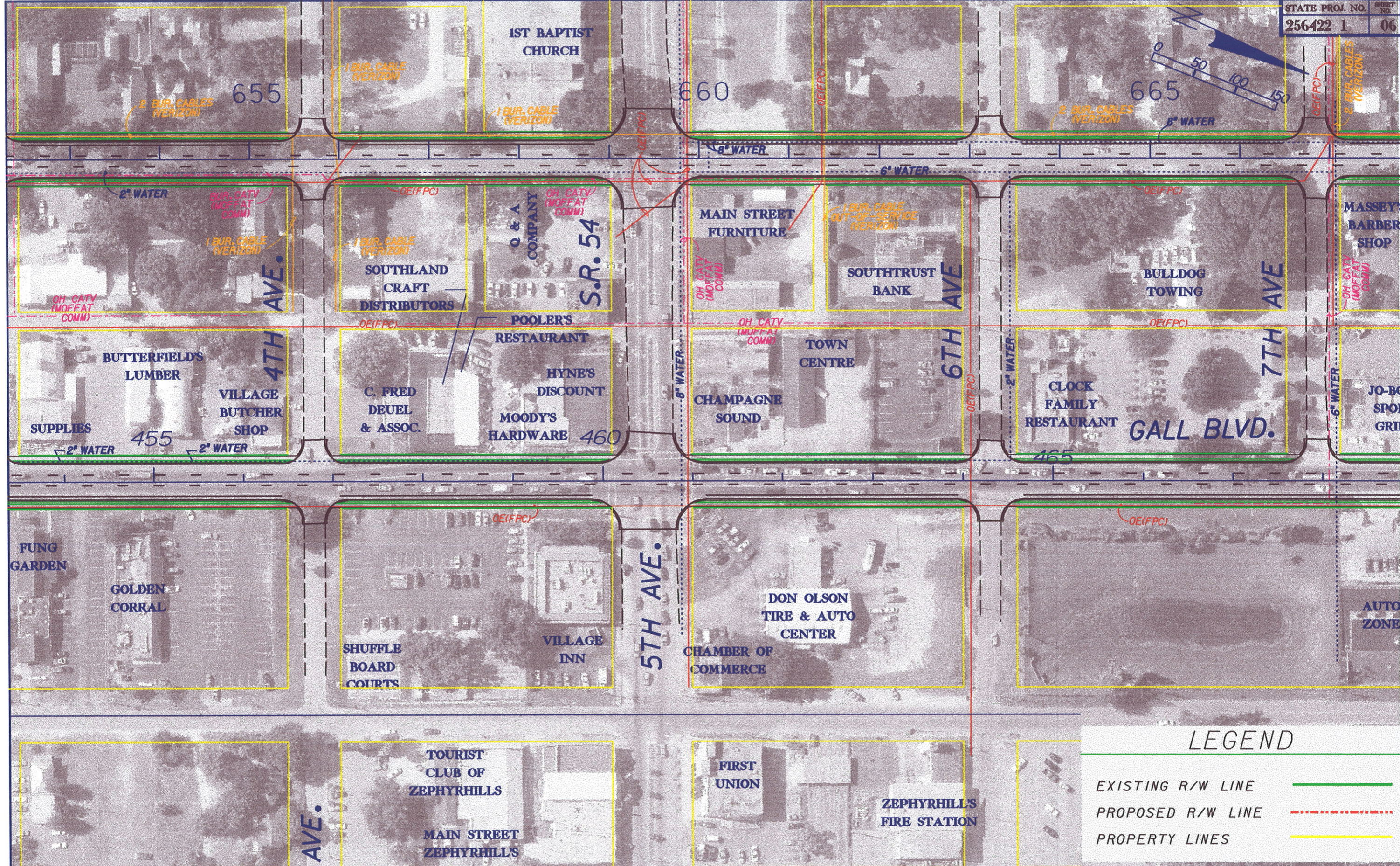
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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

**U.S. 301 PD&E STUDY  
FROM S.R. 39 TO C.R. 54**





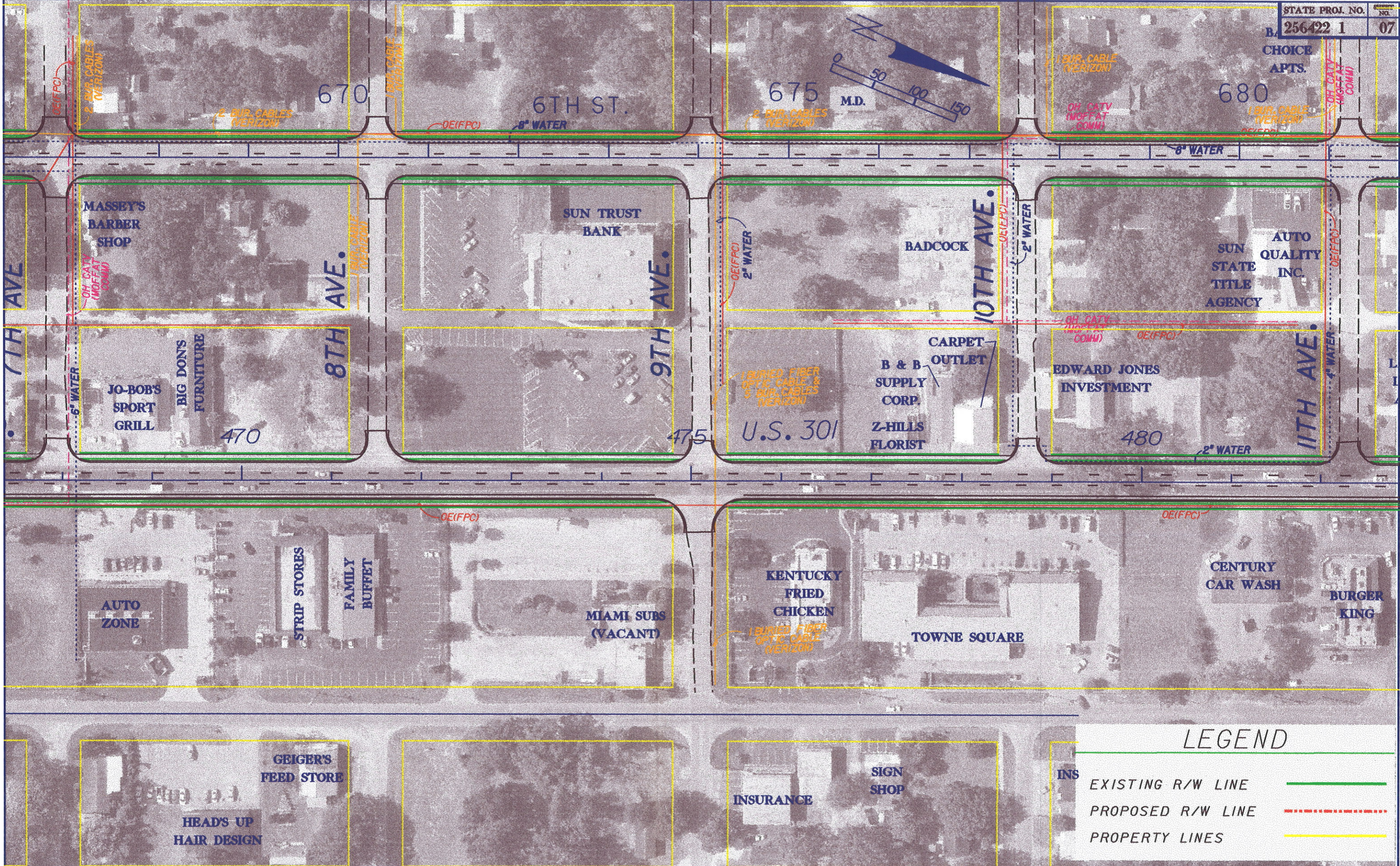
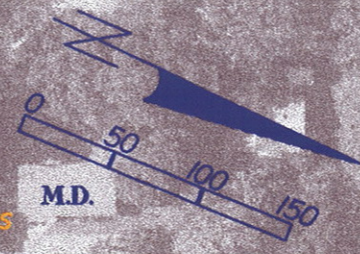
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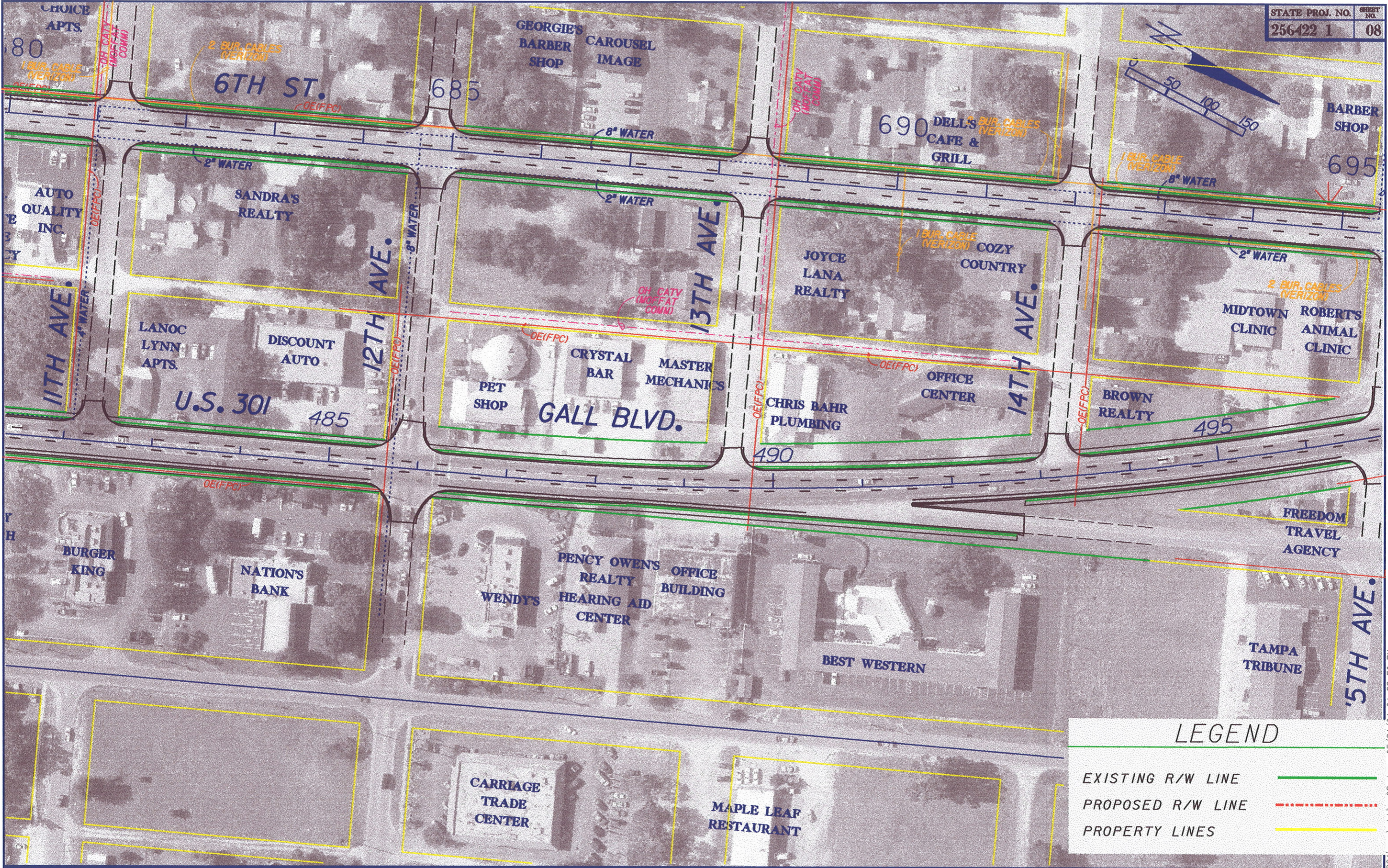
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- PROPERTY LINES ———

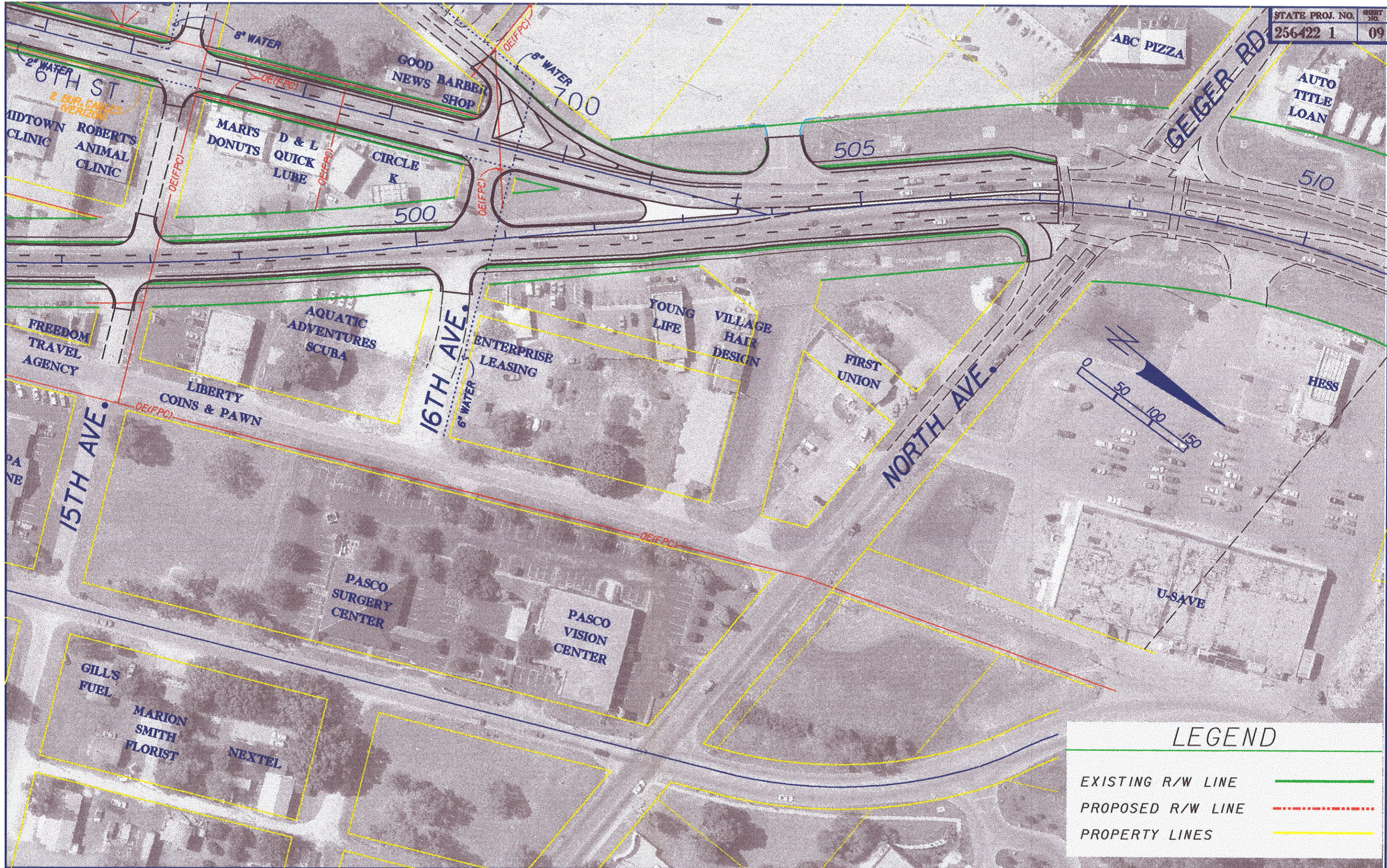
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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

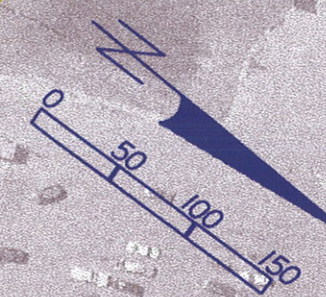
U.S. 301 PD&E STUDY FROM S.R. 39 TO C.R. 54





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- PROPOSED R/W LINE - - - - -
- PROPERTY LINES ———



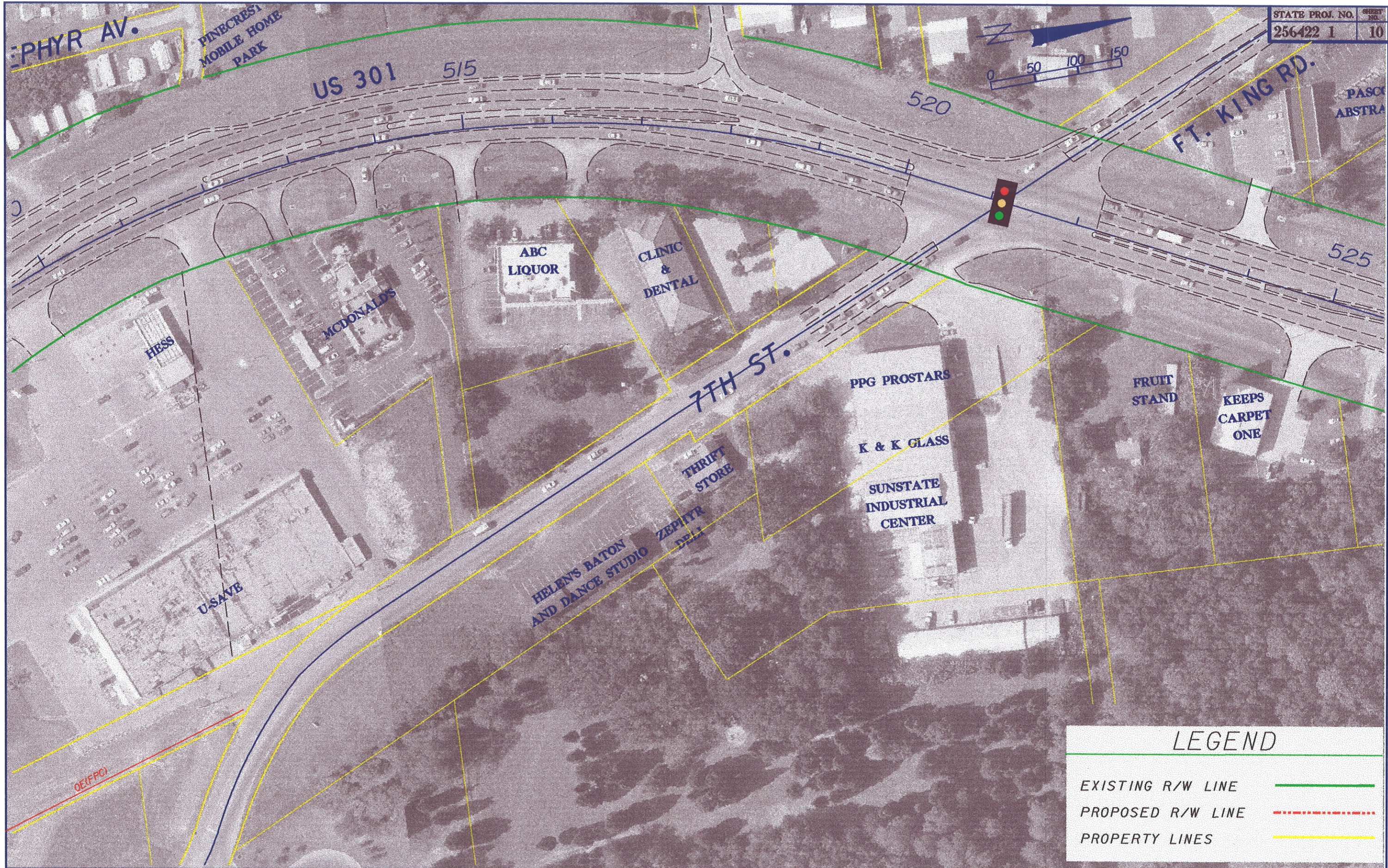
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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. 301 PD&E STUDY FROM S.R. 39 TO C.R. 54





**LEGEND**

EXISTING R/W LINE ———

PROPOSED R/W LINE - - - - -

PROPERTY LINES ———

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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

**U.S. 301 PD&E STUDY  
FROM S.R. 39 TO C.R. 54**





**LEGEND**

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EXISTING R/W LINE ———

PROPOSED R/W LINE - - - - -

PROPERTY LINES ———

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**EXISTING UTILITIES**

FLORIDA DEPARTMENT OF TRANSPORTATION

**U.S. 301 PD&E STUDY FROM S.R. 39 TO C.R. 54**

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## **APPENDIX B**

### **Existing Utility Location Plans**





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PROPOSED SIGNAL



EXISTING SIGNAL

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— — — — — PROPOSED R/W

— — — — — PROPERTY LINES



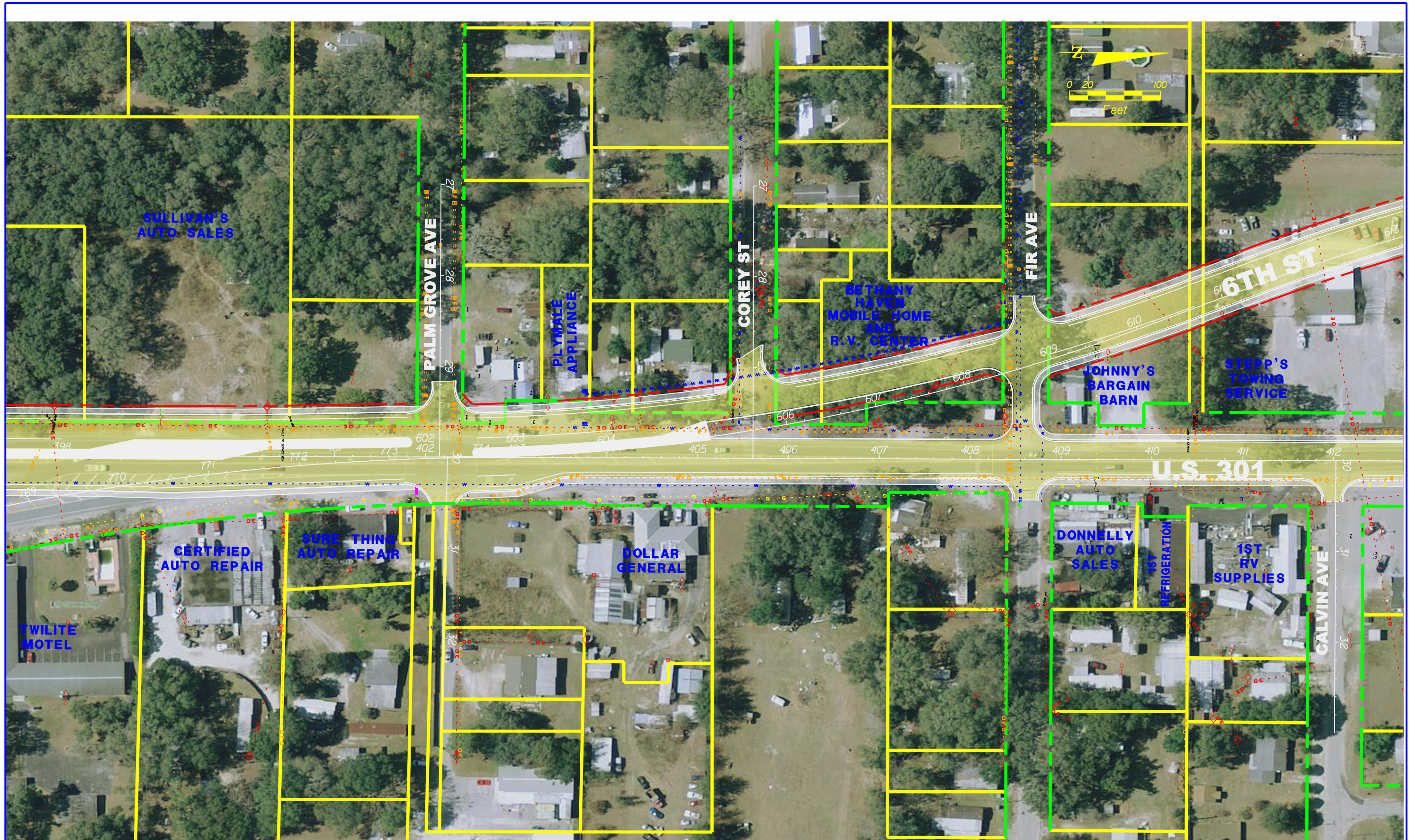
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 SR 39 TO SOUTH OF CR 54  
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 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

1





LEGEND



PROPOSED SIGNAL

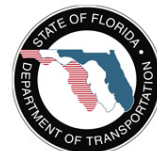


EXISTING SIGNAL

EXISTING R/W

PROPOSED R/W

PROPERTY LINES



US 301 (GALL BLVD.) PD&E STUDY UPDATE

SR 39 TO SOUTH OF CR 54

WPI: 256422-2

PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
6TH STREET AND US 301 (GALL BLVD.)  
ONE-WAY PAIR ALTERNATIVE






SHEET NO.

2





LEGEND

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-  EXISTING SIGNAL
-  EXISTING R/W
-  PROPOSED R/W
-  PROPERTY LINES



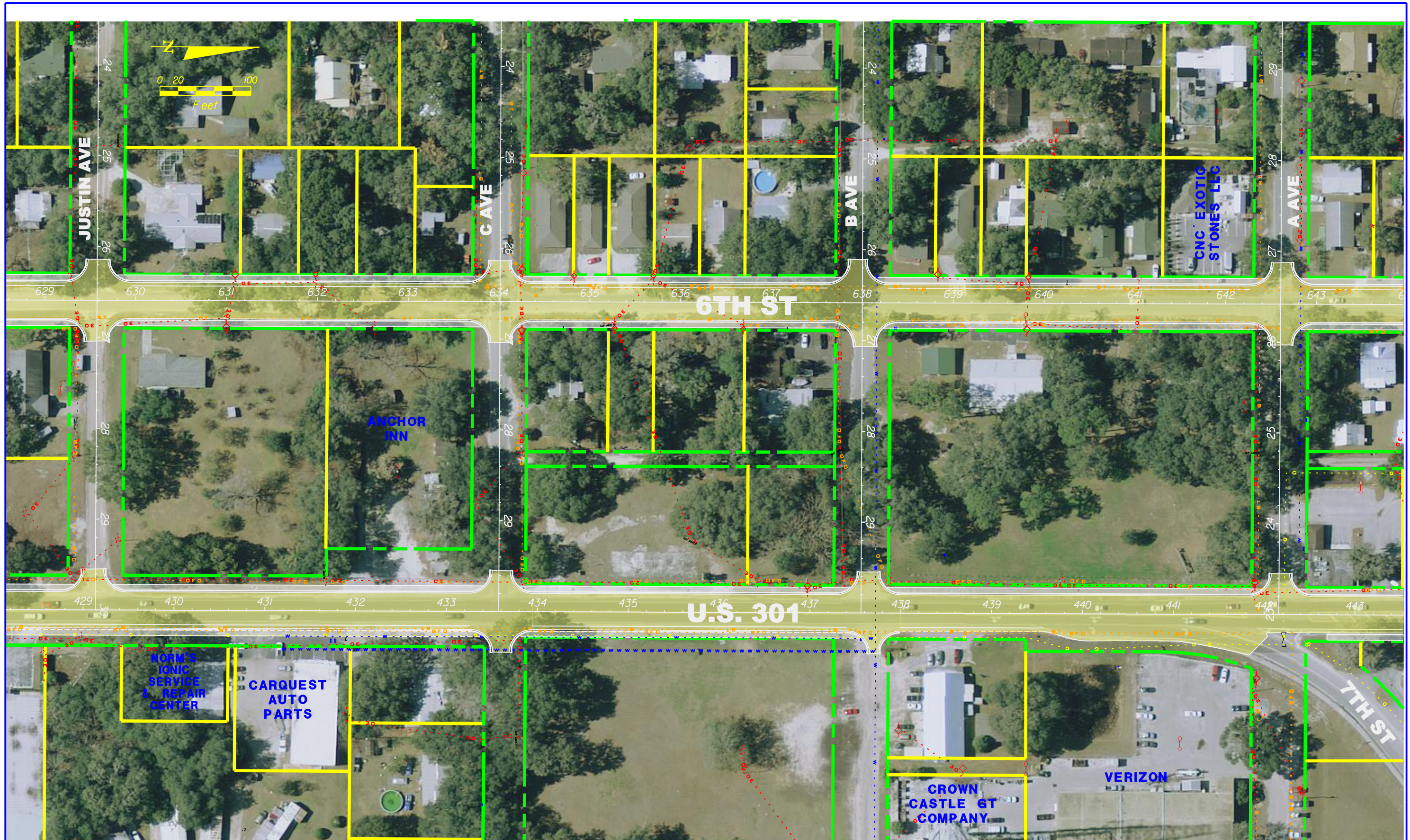
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 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

3





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

EXISTING R/W

PROPOSED R/W

PROPERTY LINES



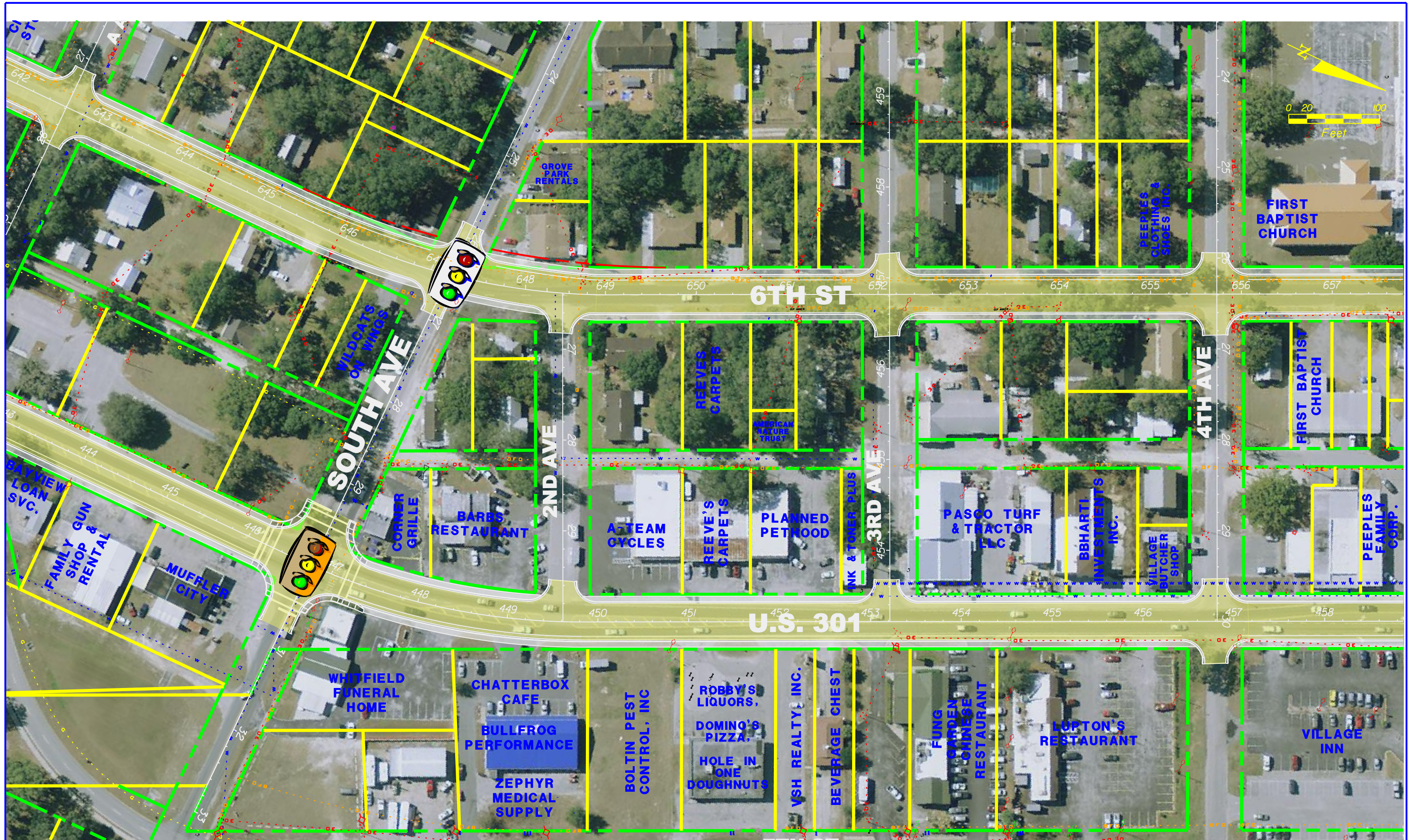
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EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

4





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

- EXISTING R/W
- PROPOSED R/W
- PROPERTY LINES



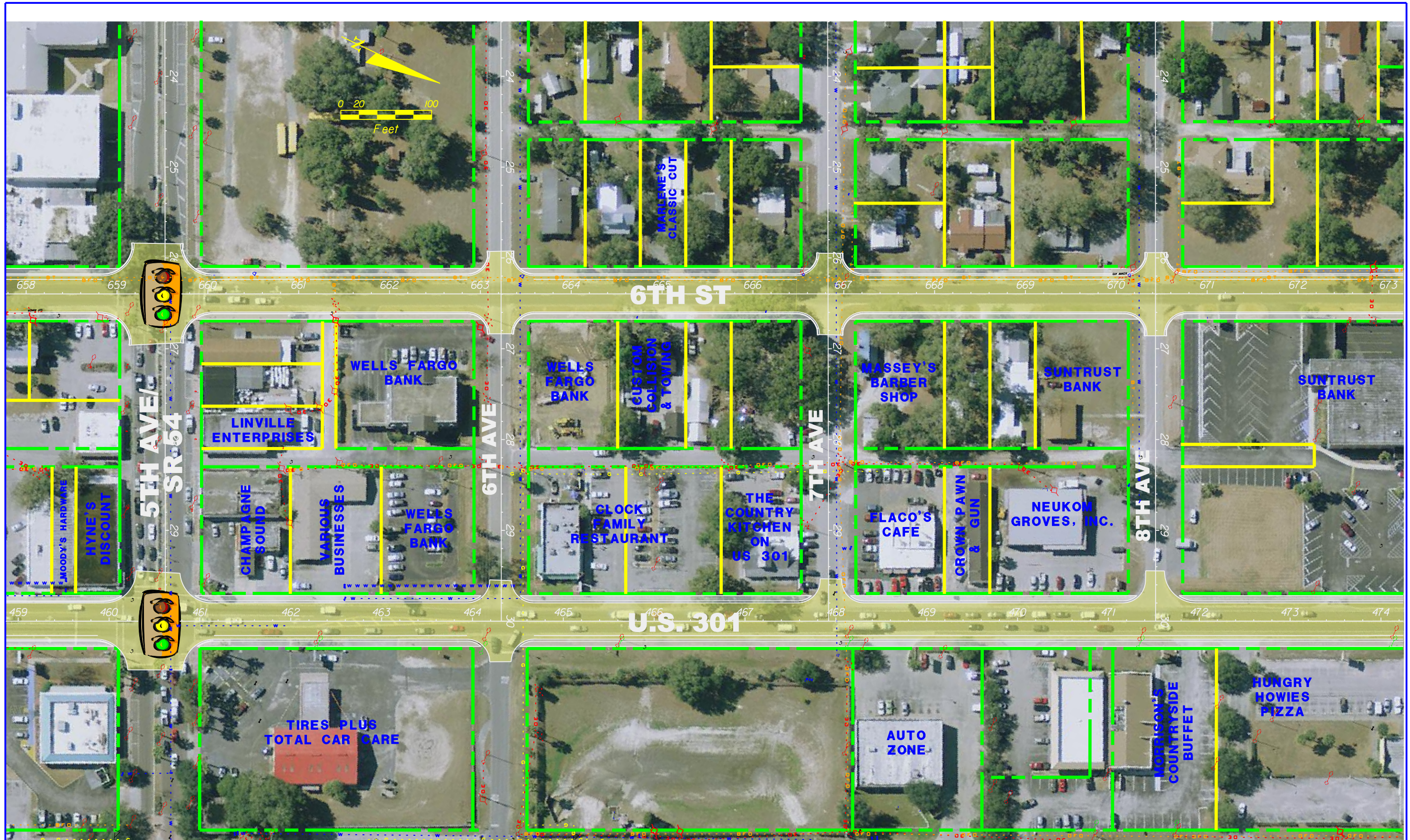
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EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

5





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

EXISTING R/W

PROPOSED R/W

PROPERTY LINES



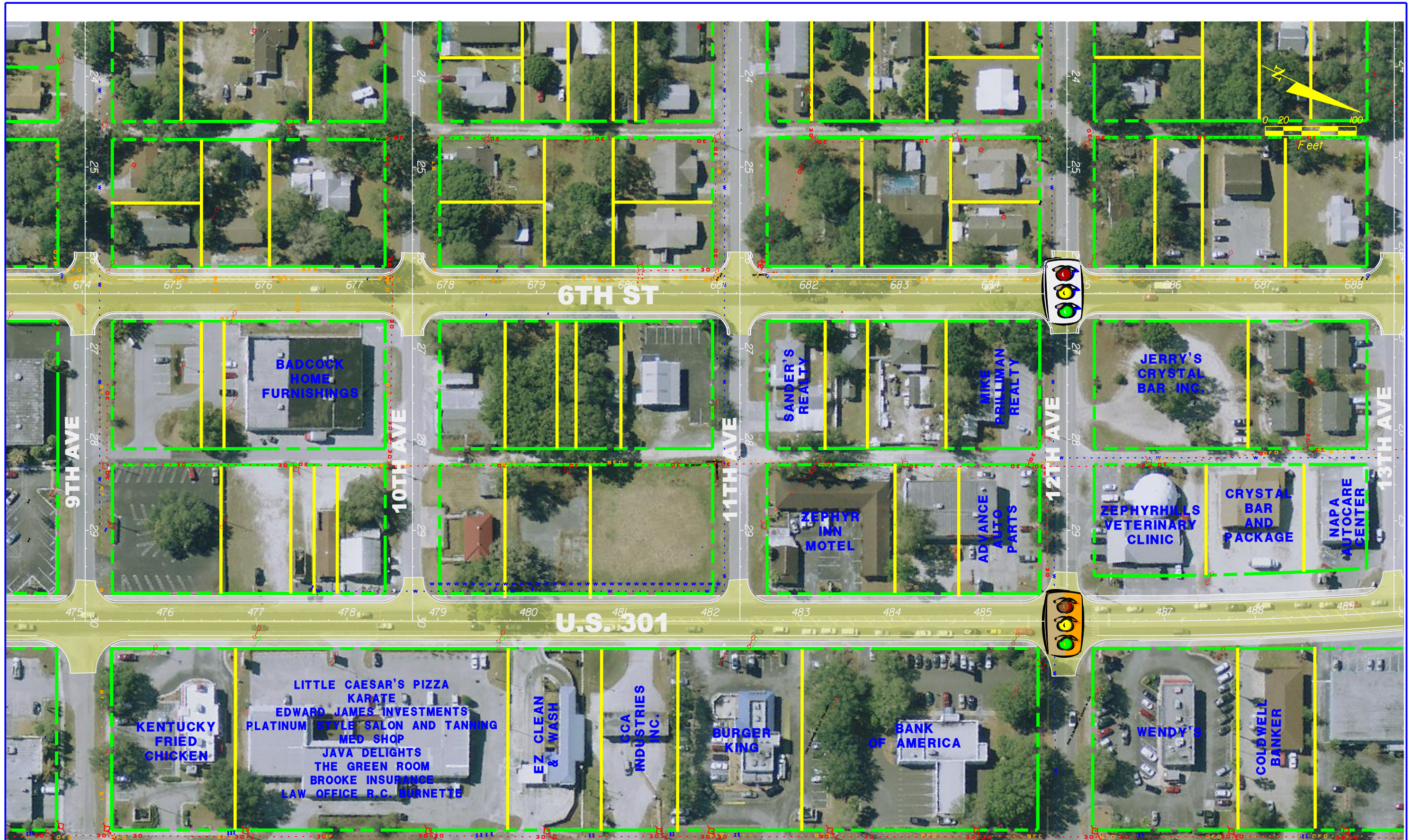
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 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

6





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

EXISTING R/W

PROPOSED R/W

PROPERTY LINES



US 301 (GALL BLVD.) PD&E STUDY UPDATE  
 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

7





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL



EXISTING R/W



PROPOSED R/W



PROPERTY LINES



US 301 (GALL BLVD.) PD&E STUDY UPDATE  
 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

8





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

--- EXISTING R/W

--- PROPOSED R/W

--- PROPERTY LINES



US 301 (GALL BLVD.) PD&E STUDY UPDATE  
 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH STREET AND US 301 (GALL BLVD.)  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

9





LEGEND

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-  PROPOSED R/W
-  PROPERTY LINES

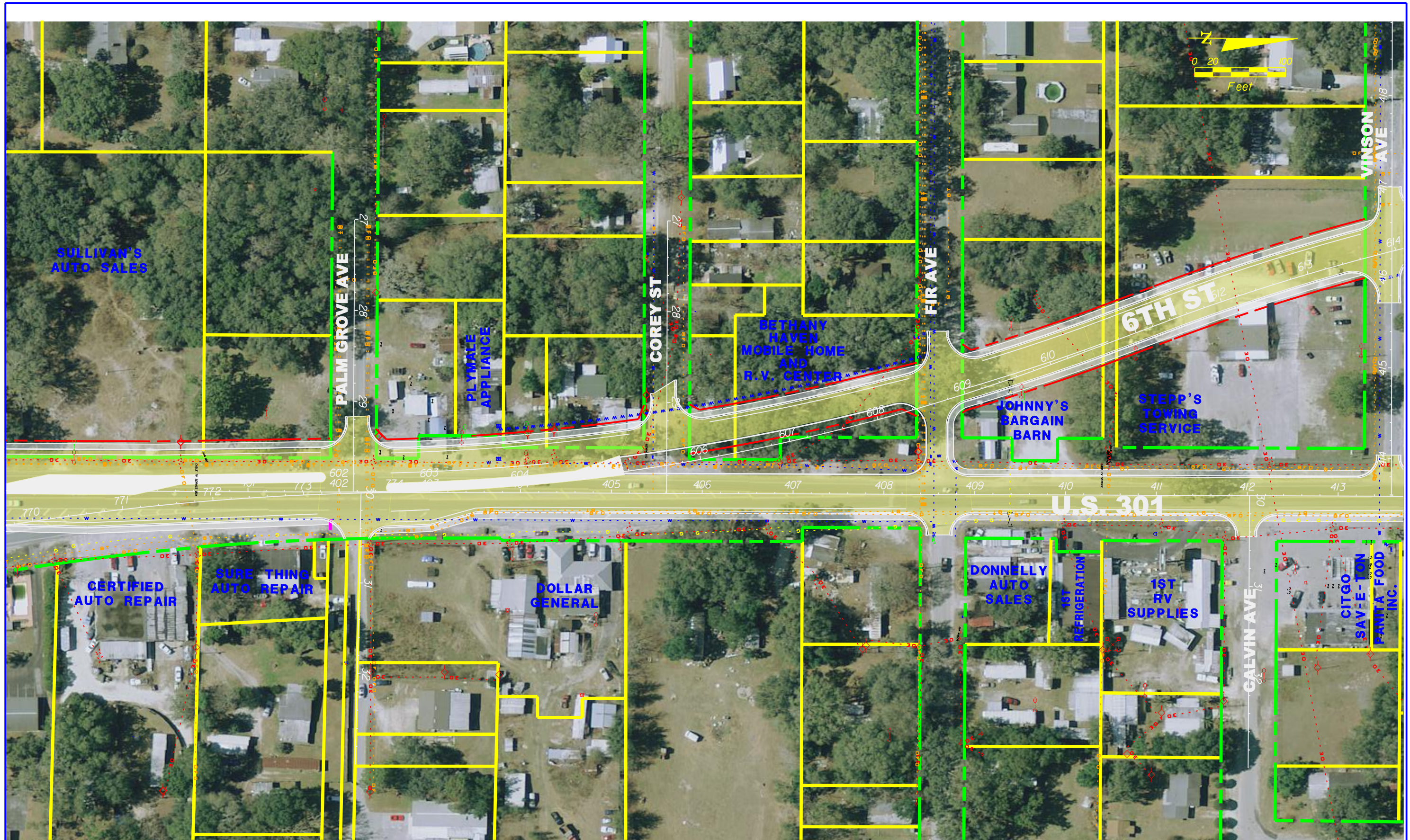


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 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.  
 1





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

EXISTING R/W

PROPOSED R/W

PROPERTY LINES



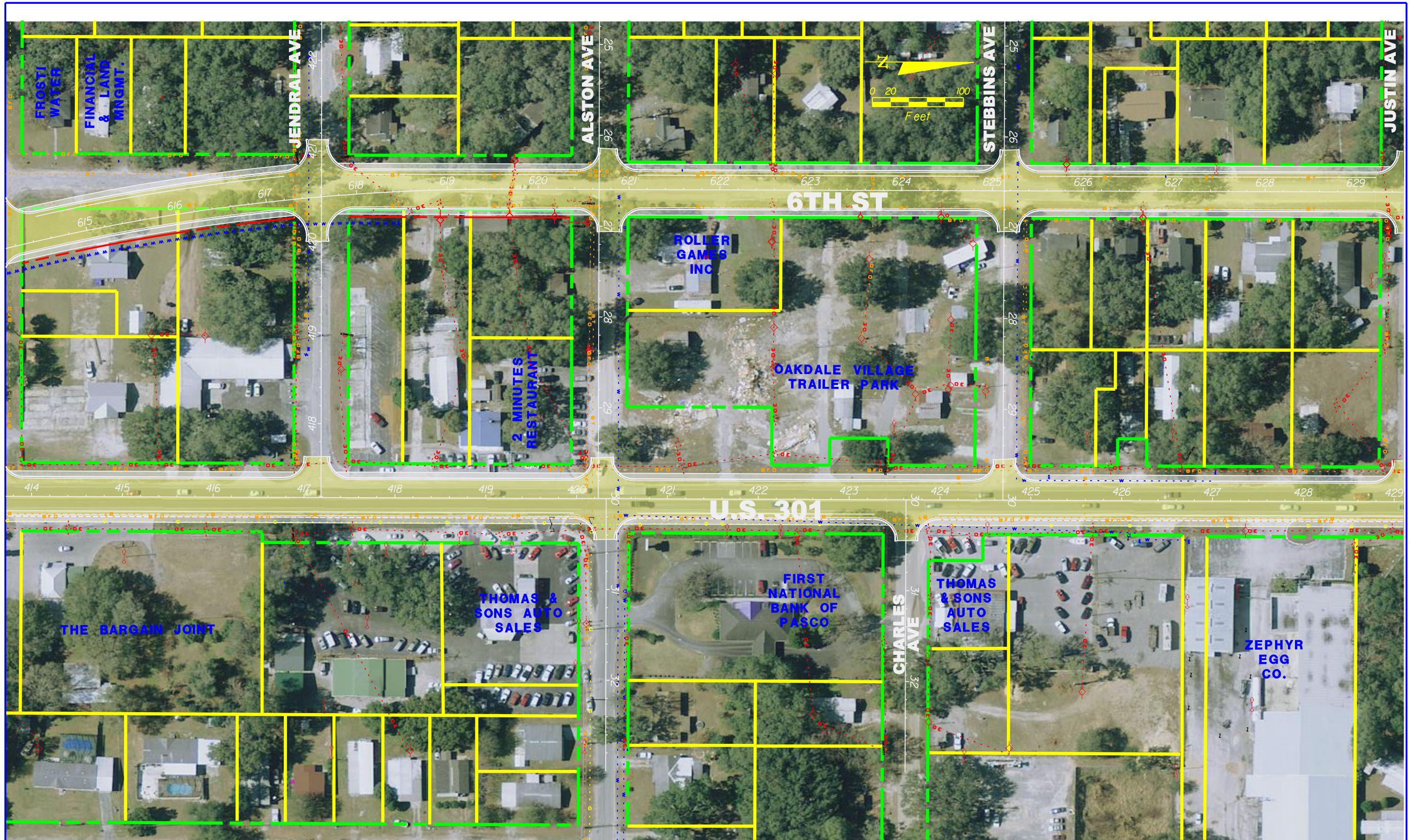
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 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

2





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL



EXISTING R/W



PROPOSED R/W



PROPERTY LINES



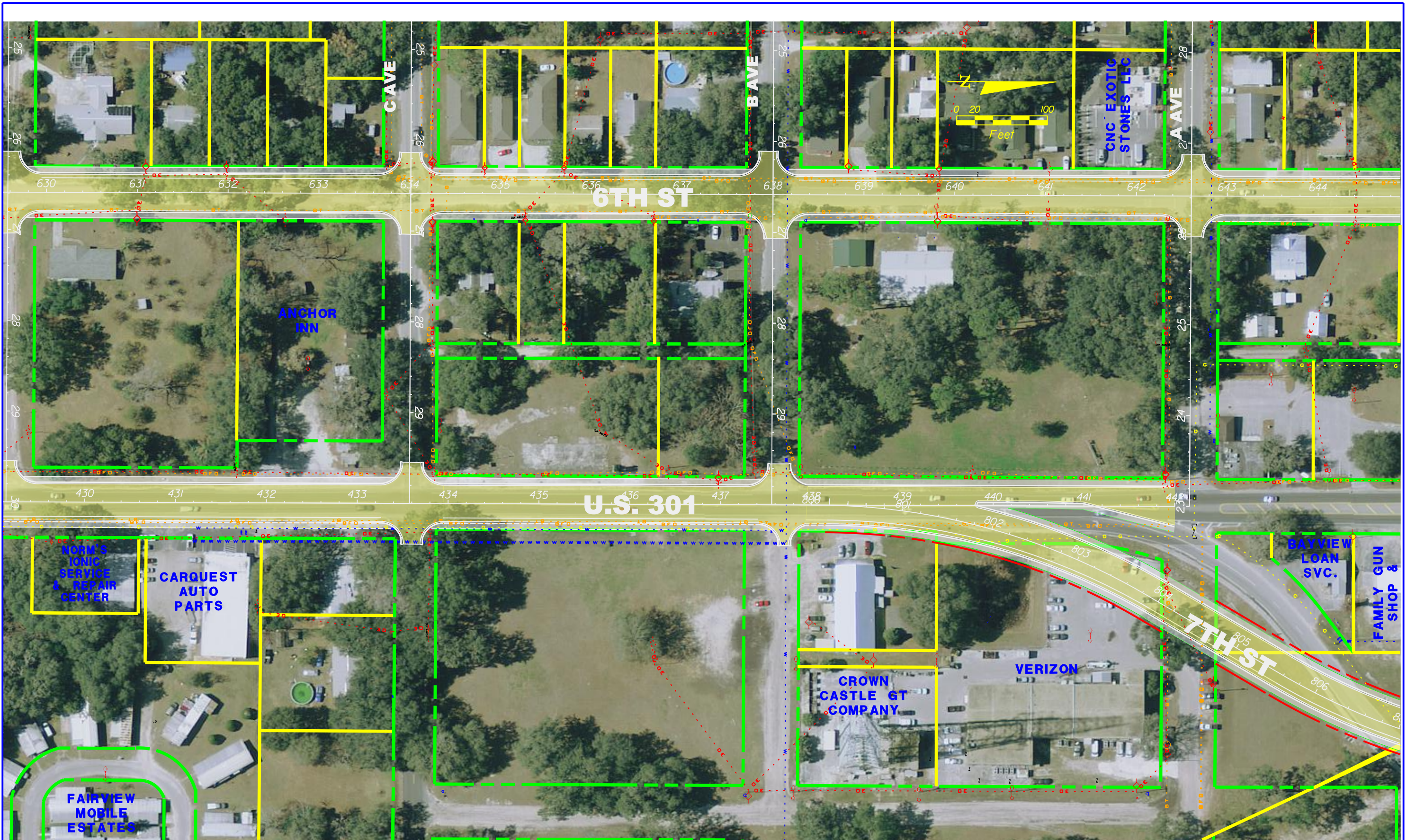
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 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

3





LEGEND



PROPOSED SIGNAL

- EXISTING R/W
- PROPOSED R/W
- PROPERTY LINES



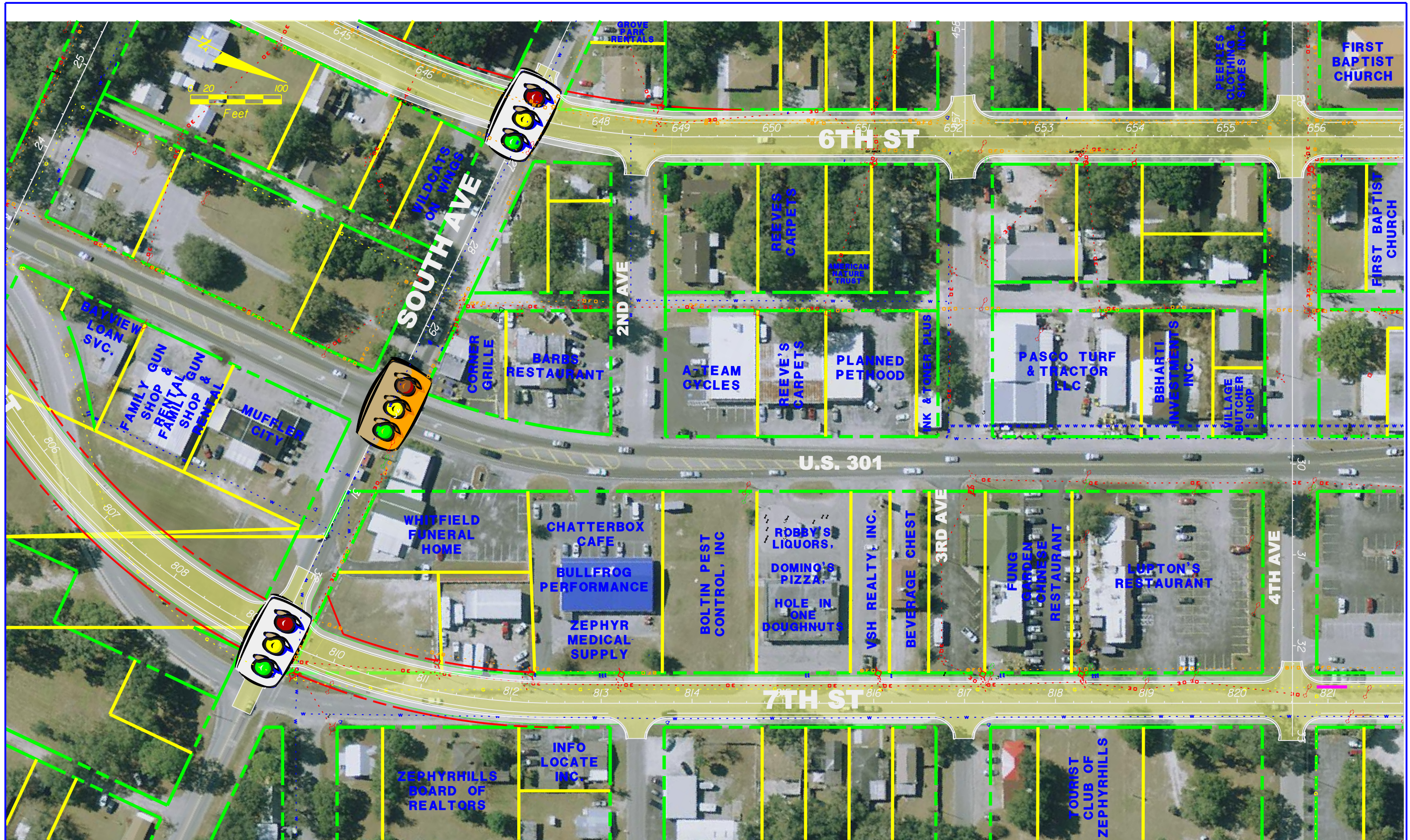
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 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

4





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-  PROPOSED R/W
-  PROPERTY LINES

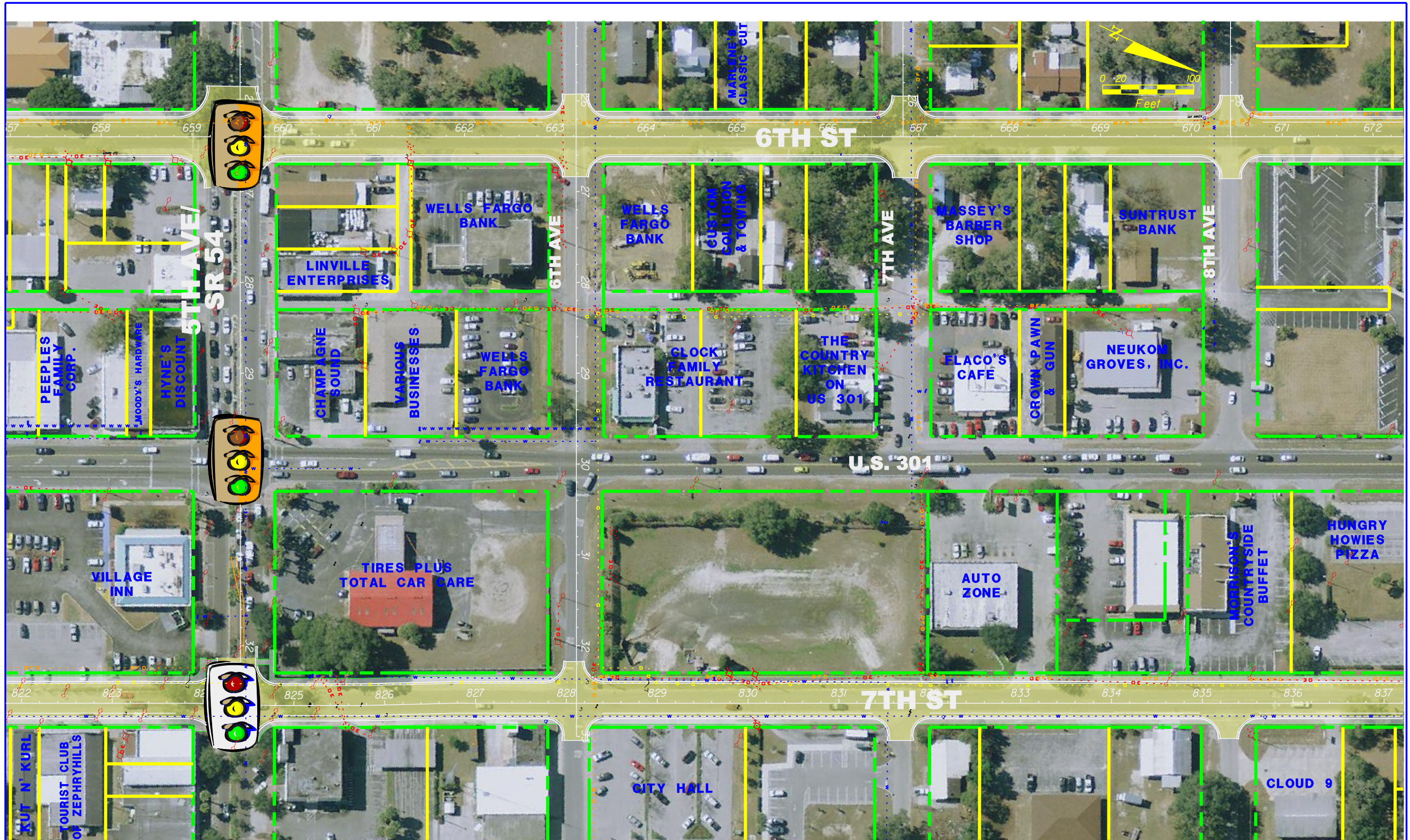


US 301 (GALL BLVD.) PD&E STUDY UPDATE  
 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.  
 5





LEGEND

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-  EXISTING SIGNAL
-  EXISTING R/W
-  PROPOSED R/W
-  PROPERTY LINES

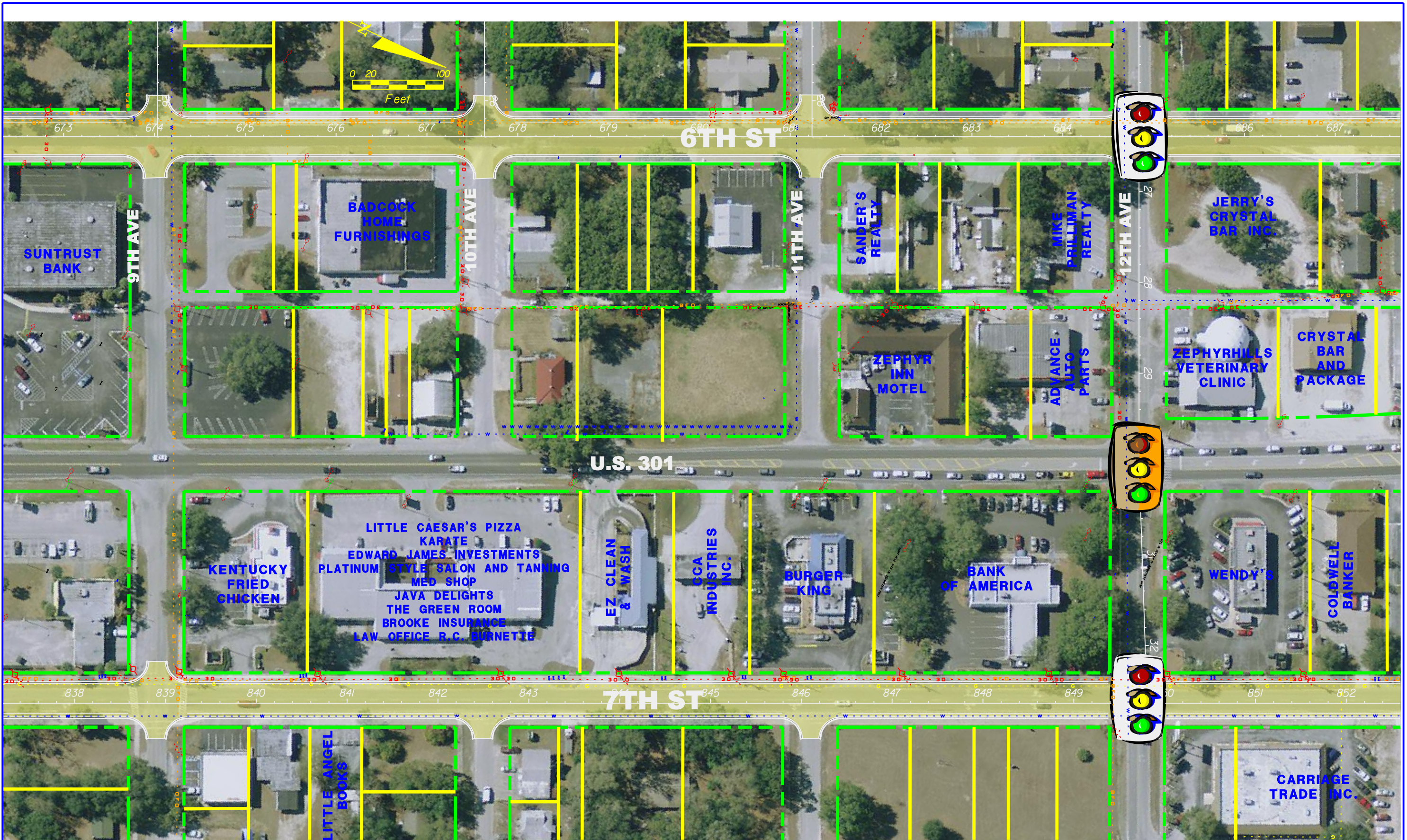


US 301 (GALL BLVD.) PD&E STUDY UPDATE  
 SR 39 TO SOUTH OF CR 54  
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 PASCO COUNTY


EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.  
 6





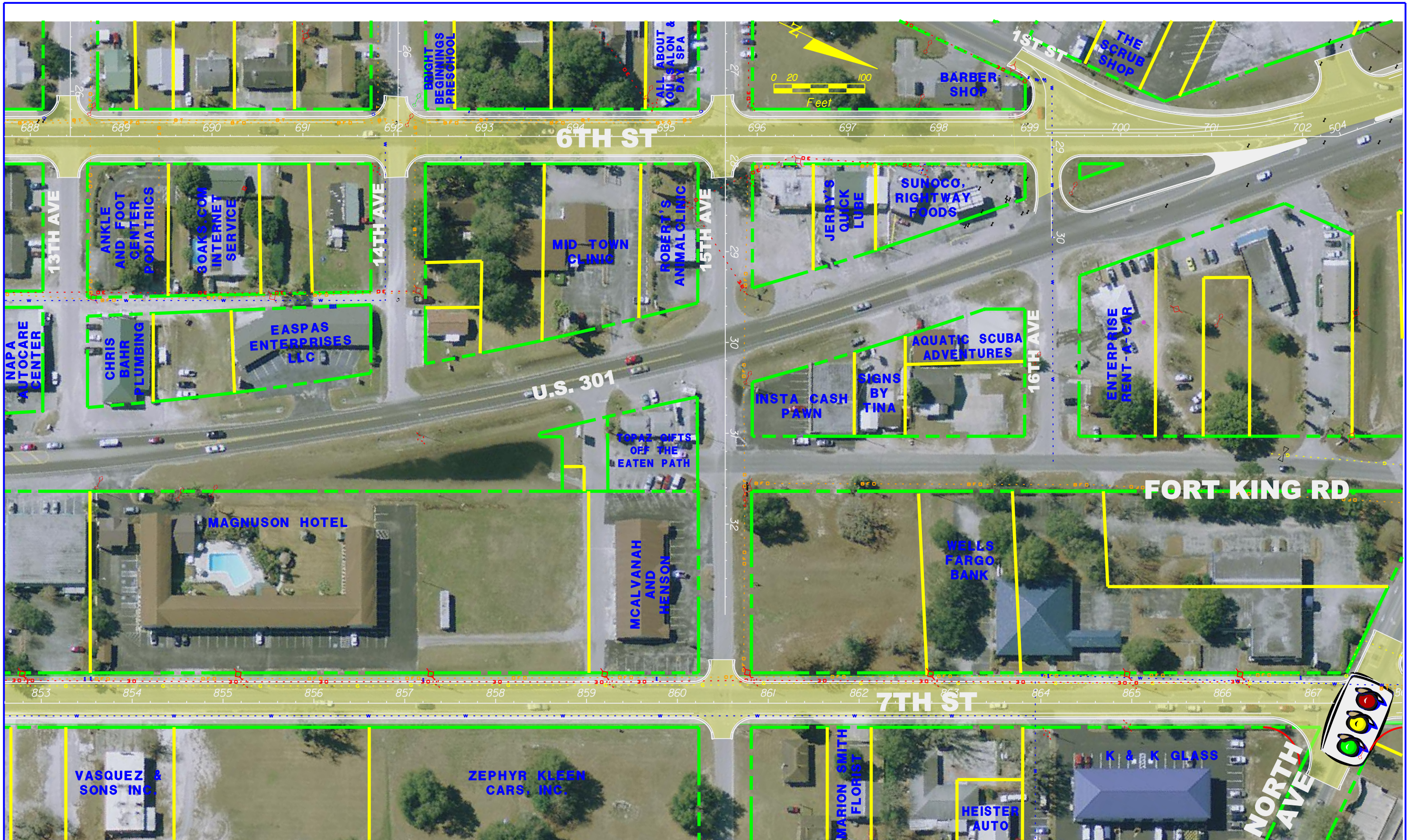
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	PROPOSED R/W
	PROPERTY LINES


**US 301 (GALL BLVD.) PD&E STUDY UPDATE**  
 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

**EXISTING UTILITY LOCATION PLAN**  
**6TH AND 7TH STREET**  
**ONE-WAY PAIR ALTERNATIVE**

SHEET NO.  
**7**





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

— — — — — EXISTING R/W

— — — — — PROPOSED R/W

————— PROPERTY LINES



US 301 (GALL BLVD.) PD&E STUDY UPDATE  
 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

8





LEGEND



PROPOSED SIGNAL



EXISTING SIGNAL

--- EXISTING R/W

--- PROPOSED R/W

--- PROPERTY LINES



US 301 (GALL BLVD.) PD&E STUDY UPDATE  
 SR 39 TO SOUTH OF CR 54  
 WPI: 256422-2  
 PASCO COUNTY

EXISTING UTILITY LOCATION PLAN  
 6TH AND 7TH STREET  
 ONE-WAY PAIR ALTERNATIVE

SHEET NO.

9



## **APPENDIX C**

### **Miscellaneous Correspondence**



## Cherie Smith

---

**From:** irth\_host@callsunshine.com  
**Sent:** Friday, October 07, 2011 3:53 PM  
**To:** Cherie Smith  
**Subject:** SSOCOF CONFRM 2011/10/07 #00001 280105473-000 NORM DSGN NEW

CONFRM 00001 CALL SUNSHINE 10/07/11 15:52:27ET 280105473-000 DESIGN GRID Ticket : 280105473 Rev:000 Taken: 10/07/11 15:33ET

State: FL Cnty: PASCO GeoPlace: ZEPHYRHILLS SOUTH  
CallerPlace: ZEPHYRHILLS SOUTH  
Subdivision:

Address :  
Street : GALL BLVD  
Cross 1 : CHANCEY RD  
Within 1/4 mile: Y  
Cross 2 : EILAND BLVD

Locat: LOCATE BOTH SIDES OF GALL BLVD FROM CHANCEY RD GOING N/NW TO EILAND BLVD THEN LOCATE BOTH SIDES OF 7TH ST FROM GALL BLVD N TO NORTH AVE THEN FROM NORTH AVE LOCATE BOTH SIDES OF FORT KING RD GOING N TO GALL BLVD

:  
Remarks : GRID PER LOCATE  
THIS LOCATE A 3 DIFFERENT DESCRIPTION

In response to receipt of a design ticket, SSOCOF provides the originator of the design ticket with a list of SSOCOF members in the vicinity of the design project. SSOCOF does not notify SSOCOF members of the receipt by SSOCOF of a design ticket. It is the sole responsibility of the design engineer to contact SSOCOF members to request information about the location of SSOCOF members" underground facilities. Submission of a design ticket will not satisfy the requirement of Chapter 556, Florida Statutes, to notify SSOCOF of an intent to excavate or demolish. That intent must be made known specifically to SSOCOF in the manner required by law. In an effort to save time on future calls, save your design ticket number if you intend to begin excavation within 90 days of your design request. The design ticket can be referenced , and the information on it can be used to save time when you call in the excavation request.

\*\*\* LOOKUP BY MANUAL \*\*\*

:  
Grids : 2815D8211C 2814B8211C 2814A8211C 2813B8210B 2813A8210B  
Grids : 2812B8210A 2812A8210A 2813D8210A 2813C8210A 2813B8210A  
Grids : 2813A8210A 2814D8210A 2814C8210A 2812C8211D 2812B8211D  
Grids : 2814D8211D 2814C8211D 2814B8211D 2814A8211D

Work date: 10/07/11 Time: 15:33ET Hrs notc: 000 Category: 6 Duration: UNKNOWN Due Date : 10/11/11 Time: 23:59ET Exp Date : 11/07/11 Time: 23:59ET Work type: DESIGN Boring: N White-lined: N Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A Done for : DESIGN

Company : PITMAN HARTENSTEIN AND ASSOC INC Type: CONT Co addr : 4417 BEACH BLVD SUITE 103  
City : JACKSONVILLE State: FL Zip: 32207  
Caller : CHERIE SMITH Phone: 904-724-3546 Contact : DESIGN Phone:  
BestTime: 8-5  
Mobile : 813-988-1882  
Fax : 904-724-9463  
Email : CSMITH@PHAENGINEERS.COM

Submitted: 10/07/11 15:33ET Oper: ARL Chan: 999 Mbrs :



BE1783 MIKE KIKER\* 813-862-0522 Ext: 84263  
 BRIGHT HOUSE NETWORKS- CITRUS  
 30432 SR 54  
 WESLEY CHAPEL, FL 33543  
 Level 1: CUSTOMER DOES NOT PROVIDE THIS SERVICE  
 Level 2: CUSTOMER DOES NOT PROVIDE THIS SERVICE  
 Level 3: CUSTOMER DOES NOT PROVIDE THIS SERVICE  
 Level 4: CUSTOMER DOES NOT PROVIDE THIS SERVICE

CZ1084 BRUCE SELLARS 813-780-0028  
 CITY OF ZEPHYRHILLS FAX 813-780-0025  
 39421 SOUTH ST  
 ZEPHYRHILLS, FL 33542  
 Level 1: SERVICES NOT PROVIDED BY MEMBER  
 Level 2: SERVICES NOT PROVIDED BY MEMBER  
 Level 3: SERVICES NOT PROVIDED BY MEMBER  
 Level 4: SERVICES NOT PROVIDED BY MEMBER

FPC314 CUSTOMER SERVICE CENTER\*\*\* 800-700-8744  
 PROGRESS ENERGY  
 N/A  
 N/A, FL 00000  
 Level 1: SERVICES NOT PROVIDED BY MEMBER  
 Level 2: SERVICES NOT PROVIDED BY MEMBER  
 Level 3: SERVICES NOT PROVIDED BY MEMBER  
 Level 4: SERVICES NOT PROVIDED BY MEMBER

GT1722 DAVID WYNNS 813-627-8343  
 VERIZON FLORIDA INC  
 1909 US Hwy. 301 N  
 TAMPA, FL 33619  
 Level 1: \$200 ADMIN FEE \$45 PER HR FOR CAD SVCS ONE HR INCL IN  
 ADMIN FEE  
 Level 2: LEVEL D RATES PLUS FIELD FEE OF \$45 PER HR WITH 4 HR MIN  
 Level 3: LEVEL D RATES PLUS FIELD FEE OF \$45 PER HR WITH 4 HR MIN  
 Level 4: SERVICES NOT PROVIDED BY MEMBER

PAS817 ROBERT W RECK 727-847-8139 Ext: 8623  
 PASCO COUNTY TRAFFIC OPERATIONS DIVISIO FAX 727-847-8064  
 7530 LITTLE ROAD -  
 STE 124  
 NEW PORT RICHEY, FL 34654  
 Level 1:  
 Level 2:  
 Level 3:  
 Level 4:

PASCO KENNETH MATHEWSON 727-847-8145  
 PASCO COUNTY UTILITIES FAX 727-847-8064  
 7530 LITTLE RD, ROOM 205  
 NEW PORT RICHEY, FL 34654  
 Level 1: CONTACT MEMBER FOR FEES  
 Level 2: CONTACT MEMBER FOR FEES  
 Level 3: CONTACT MEMBER FOR FEES  
 Level 4: CONTACT MEMBER FOR FEES

PGSTAM LUIS CASTELLANO 813-275-3743  
 TECO PEOPLES GAS- TAMPA  
 1400 CHANNELSIDE DR  
 TAMPA, FL 33605  
 Level 1: TECO PEOPLES GAS WILL PROVIDE THE FIRST HOUR FREE OF  
 CHARGE. THIS WILL ENTAIL AREVIEWING OF RECORDS, AS BUILTS,  
 COPIES, ECT PER PROJECT. IF PROJECT REQUIRES MORE TIME THAN AN  
 HOUR ADDITIONAL CHARGE OF \$45 PER HOUR WILL APPLY  
 Level 2: SERVICES NOT PROVIDED BY MEMBER  
 Level 3: SERVICES NOT PROVIDED BY MEMBER  
 Level 4: SERVICES NOT PROVIDED BY MEMBER

QST885 KIM JORDAN 303-707-3675



QWEST COMMUNICATIONS  
700 W MINERAL AVE  
NE J31.2  
LITTLETON, CO 80120

FAX 303-707-3049

Level 1: Call for fee.  
Level 2: Call for fee.  
Level 3: Call for fee.  
Level 4: Call for fee.

RM1678 JEFF HEILER 813-788-7219

RAMBLEWOOD M / H COMMUNITY FAX 813-715-1759  
3853 GULL BLVD.  
ZEPHYRHILLS, FL 33541

Level 1: member does not provide this service  
Level 2: member does not provide this service  
Level 3: member does not provide this service  
Level 4: member does not provide this service

WRE845 COREY LITTLEFIELD 352-588-5115

WITHLACOCHEE RIVER ELECTRIC COOPERATIV FAX 352-567-4376  
30461 COMMERCE DRIVE  
SAN ANTONIO, FL 33526

Level 1:  
Level 2:  
Level 3:  
Level 4:

ZS1628 MATT MCCONNELL 813-783-1959 Ext: 352

ZEPHYRHILLS SPRING WATER COMPANY FAX 813-782-1166  
4330 20TH ST.  
ZEPHYRHILLS, FL 33542

Level 1: MEMBER DOES NOT PROVIDE THIS SERVICE  
Level 2: MEMBER DOES NOT PROVIDE THIS SERVICE  
Level 3: MEMBER DOES NOT PROVIDE THIS SERVICE  
Level 4: MEMBER DOES NOT PROVIDE THIS SERVICE

CU1714

LS1104



**Cherie Smith**

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**From:** irthnet@callsunshine.com  
**Sent:** Friday, October 07, 2011 3:57 PM  
**To:** Cherie Smith  
**Subject:** response to locate request

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**To:** PITMAN HARTENSTEIN AND ASSOC INC Attn: CHERIE SMITH  
**Voice:** 9047243546 **Fax:** 9047249463  
**Re:** response to locate request

this is an inportment mess from pasco county utilities replying to your request to locate our underground facilities i a area deccribed on the one call center ticket

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**Ticket:** 280105473  
**County:** PASCO **Place:** ZEPHYRHILLS SOUTH  
**Address:** GALL BLVD

**PASCO:**  
unmarked no locate contractually

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if you have any additional question, please contact Pasco County Utilities at  
727-847-8144

---

This message was generated by an automated system. Please do not reply to this email.



## Cherie Smith

---

**From:** Little, Michael E [michael.e.little@verizon.com]  
**Sent:** Monday, November 28, 2011 7:24 AM  
**To:** Cherie Smith  
**Subject:** FW: VZ 256422-2  
**Attachments:** p8164.pdf; 6th and 301.pptx

Cherie,  
Fyi

*Sincerely,*  
*Mike Little*

Mike Little SPEC ENG-NETWORK ENG  
Verizon Florida LLC  
1909 US HWY 301 N, FLG2-750  
Tampa, FL 33619  
Phn. 813 627-8345  
Fax 813 627-8392  
[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)

---

**From:** Brenda Barton [mailto:bbarton@kentongroup.com]  
**Sent:** Saturday, November 26, 2011 5:54 AM  
**To:** Little, Michael E  
**Cc:** Pat Reilly  
**Subject:** RE: VZ 256422-2

**Mike,**

Let Cherie know that the 4 aerial cables on the east side of 301 near 6<sup>th</sup> are not in conflict with a ROW change.

See the attached PDF of p8164.

I hope this helps.

**Brenda K Barton**  
**Business Development Services**

**Tel: 813-932-5049**  
**bbarton@kentongroup.com**

---

**From:** Little, Michael E [mailto:michael.e.little@verizon.com]  
**Sent:** Wednesday, November 23, 2011 12:39 PM  
**To:** Brenda Barton; Brenda Kay  
**Subject:** FW: VZ 256422-2

fyi

*Sincerely,*  
*Mike Little*

11/28/2011



Mike Little SPEC ENG-NETWORK ENG  
Verizon Florida LLC  
1909 US HWY 301 N, FLG2-750  
Tampa, FL 33619  
Phn. 813 627-8345  
Fax 813 627-8392  
[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)

---

**From:** Cherie Smith [mailto:[csmith@phaengineers.com](mailto:csmith@phaengineers.com)]  
**Sent:** Wednesday, November 23, 2011 9:42 AM  
**To:** Little, Michael E  
**Subject:** RE: VZ 256422-2

Good morning Mike,  
Thanks for the updated markups.  
In addition to this 1 aerial cable on the west side of US 301, I also see 4 aerial cables on the east side of US 301 on the original PD&E sheets. Are these lines still there and do they tie in to the 1 aerial cable on the west side?  
Thanks,  
Cherie

---

**From:** Little, Michael E [mailto:[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)]  
**Sent:** Wednesday, November 23, 2011 6:26 AM  
**To:** Cherie Smith  
**Subject:** FW: VZ 256422-2

Cherie,  
Attached are the updated mark-ups.

*Sincerely,*  
*Mike Little*

Mike Little SPEC ENG-NETWORK ENG  
Verizon Florida LLC  
1909 US HWY 301 N, FLG2-750  
Tampa, FL 33619  
Phn. 813 627-8345  
Fax 813 627-8392  
[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)

---

**From:** Brenda Kay [mailto:[hayesville24@yahoo.com](mailto:hayesville24@yahoo.com)]  
**Sent:** Tuesday, November 22, 2011 5:45 PM  
**To:** Little, Michael E; [bbarton@kentongroup.com](mailto:bbarton@kentongroup.com)  
**Cc:** Pat Reilly  
**Subject:** Re: VZ 256422-2

Mike,  
Cherie is correct and I did not put that one aerial cable on the drawing.  
But it is marked there now on drawing 1 and 2 only.  
No other aerial cables of Verizon are in the area's of the ROW being moved.

**From:** "Little, Michael E" <[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)>  
**To:** "[bbarton@kentongroup.com](mailto:bbarton@kentongroup.com)" <[bbarton@kentongroup.com](mailto:bbarton@kentongroup.com)>; Brenda Kay <[hayesville24@yahoo.com](mailto:hayesville24@yahoo.com)>  
**Sent:** Tuesday, November 22, 2011 2:08 PM

11/28/2011



**Subject:** FW: VZ 256422-2

Brenda,  
fyi

*Sincerely,*  
*Mike Little*

Mike Little SPEC ENG-NETWORK ENG  
Verizon Florida LLC  
1909 US HWY 301 N, FLG2-750  
Tampa, FL 33619  
Phn. 813 627-8345  
Fax 813 627-8392  
[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)

**From:** Cherie Smith [mailto:[csmith@phaengineers.com](mailto:csmith@phaengineers.com)]  
**Sent:** Tuesday, November 22, 2011 8:29 AM  
**To:** Little, Michael E  
**Subject:** RE: VZ 256422-2

Good morning Mike,  
I have one additional question for you. Are there any aerial lines within the project limits? The original UAP sheets have aerial on 6<sup>th</sup> Street and US 301.  
Thanks,  
Cherie

**From:** Little, Michael E [mailto:[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)]  
**Sent:** Monday, November 21, 2011 11:02 AM  
**To:** Cherie Smith  
**Cc:** [bbarton@kentongroup.com](mailto:bbarton@kentongroup.com); Brenda Kay  
**Subject:** RE: VZ 256422-2

Cherie,  
The new markups show existing facilities in certain areas: please tie these markups into the facilities that were shown on the original UAP sheets.

*Sincerely,*  
*Mike Little*

Mike Little SPEC ENG-NETWORK ENG  
Verizon Florida LLC  
1909 US HWY 301 N, FLG2-750  
Tampa, FL 33619  
Phn. 813 627-8345  
Fax 813 627-8392  
[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)

**From:** Cherie Smith [mailto:[csmith@phaengineers.com](mailto:csmith@phaengineers.com)]  
**Sent:** Friday, November 18, 2011 4:51 PM  
**To:** Little, Michael E  
**Subject:** RE: VZ 256422-2

Good afternoon Mike,  
I've had a chance to review the markups completely and just have a few questions/clarifications for you. When comparing what you sent me to the original markups from the 2001 original UAP, it seems some of the existing buried lines that were shown on the original 2001 sheets are not shown on the new markups. Some of

11/28/2011



these areas include numerous side streets in the downtown Zephyrhills area, lines running continuously along 6<sup>th</sup> street and Gall Blvd. to A Avenue within the project limits. Are the new markups meant to show the existing facilities in just these certain areas or should I tie these markups into the facilities that were shown on the original UAP sheets? If you have any questions you can call me and we can discuss.

Thanks,  
Cherie Smith

**From:** Little, Michael E [mailto:michael.e.little@verizon.com]  
**Sent:** Thursday, November 17, 2011 2:18 PM  
**To:** Cherie Smith  
**Cc:** bbarton@kentongroup.com; Lindsay, Thomas B (Tom)  
**Subject:** VZ 256422-2

Cherie,

Verizon facilities were only shown within the proposed limits of construction and not shown to scale.

At this time it is not possible to estimate the cost of relocation as requested. Please keep in mind that Verizon has a central office within the project limits and has millions of dollars invested in that location alone.

*Sincerely,  
Mike Little*

Mike Little SPEC ENG-NETWORK ENG  
Verizon Florida LLC  
1909 US HWY 301 N, FLG2-750  
Tampa, FL 33619  
Phn. 813 627-8345  
Fax 813 627-8392  
[michael.e.little@verizon.com](mailto:michael.e.little@verizon.com)