



## **CONTAMINATION SCREENING EVALUATION REPORT**

Florida Department of Transportation  
District 5

**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
Financial Project ID No. 443623-1-22-01  
GEC Project No. 4477E1

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

February 2024  
Revised June 2024

# Contamination Screening Evaluation Report

Florida Department of Transportation  
District 5

I-75 Improvements Project Development and Environment (PD&E) Study  
(Southern Section)

Limits of Project: I-75 from South of S.R. 44 to S.R. 200

Sumter and Marion Counties, Florida

Financial Management Number: 452074-2

ETDM Number: 14541

Date: June 18, 2024

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

Authorized Signature

Richard P. McCormick, P.G.

Print/Type Name

Chief Geologist

Title

919 Lake Baldwin Lane

Address

Orlando, Florida 32814

Address



# TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY</b> .....	<b>iv</b>
<b>1.0 INTRODUCTION</b> .....	<b>1</b>
1.1 Contract Information .....	1
1.2 Purpose .....	1
<b>2.0 PROJECT DESCRIPTION</b> .....	<b>1</b>
2.1 Site Description .....	1
2.2 Current Land Use .....	1
2.3 Project Description.....	2
2.4 Potential Contamination Impacts .....	3
<b>3.0 CONTAMINATION SCREENING METHODOLOGY</b> .....	<b>3</b>
<b>4.0 GEOLOGIC AND GEOGRAPHIC CONDITIONS</b> .....	<b>4</b>
4.1 Central Florida Geology.....	4
4.2 USGS Quadrangle Map.....	5
4.3 NRCS Soil Survey Review.....	5
<b>5.0 HISTORICAL DATA REVIEW</b> .....	<b>8</b>
5.1 Historical Aerial Photographs .....	8
5.2 City Directories.....	8
5.3 Fire Insurance Maps.....	8
5.4 Historical Quadrangle Maps.....	9
5.5 Historical Contamination Screening Evaluation Report .....	10
<b>6.0 PUBLIC RECORD REVIEW</b> .....	<b>10</b>
6.1 Florida Department of Environmental Protection (FDEP) Databases .....	10
6.2 United States Environmental Protection Agency (USEPA) Databases.....	10
6.3 FDEP OCULUS Document Management System, Map Direct Website, and Nexus Portal	10
6.4 EDB Delineated Areas .....	11
6.5 Agricultural Land Use .....	11
6.6 Railroad Corridors .....	11
6.7 Cattle Dip Vats.....	11
<b>7.0 INTERVIEWS</b> .....	<b>12</b>
<b>8.0 SITE RECONNAISSANCE</b> .....	<b>12</b>

<b>9.0 CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>13</b>
9.1 Potential Contamination Sites .....	13
9.2 Level II Impact to Construction Assessment (ICA) Recommendations.....	17
9.3 CSER Update.....	19
<b>10.0 LIMITATIONS.....</b>	<b>19</b>
<b>11.0 USE OF THIS REPORT .....</b>	<b>20</b>

**FIGURES**

Figures 1A-1B:	USGS Quadrangle Map
Figures 2A-2D:	SJRWMD Land Use Map
Figures 3A-3D:	NRCS Soil Survey Map
Figures 4A-4D:	Potential Contamination Site Location Map
Figures 5A-5D:	Pond Site Location Map

**TABLES**

Table 1:	Potential Contamination Site Summary
Table 2:	Aerial Photograph Review Summary
Table 3:	Contamination Pond Site Summary

**APPENDICES**

Appendix A:	Historical Aerial Photographs
Appendix B:	Definitions of Common Report Terms
Appendix C:	Contamination Risk Potential Rating Descriptions
Appendix D:	Sanborn Fire Insurance Maps
Appendix E:	EDR Radius Map Report with GeoCheck
Appendix F:	FDEP Database List
Appendix G:	Federal Database List
Appendix H:	FDEP OCULUS, Map Direct, and Nexus Portal Information
Appendix I:	Interview Documentation

## EXECUTIVE SUMMARY

---

Geotechnical and Environmental Consultants, Inc. (GEC) was retained by Volkert, Inc. on behalf of the Florida Department of Transportation (FDOT) to provide a Contamination Screening Evaluation Report (CSER) for I-75 (SR 93) from south of SR 44 to SR 200 Improvements project. This CSER was performed as part of Financial Project ID No. 443623-1-22-01.

The purpose of this evaluation was to assess the risk of encountering petroleum or hazardous substance contamination of soil, groundwater, surface water, or sediment that could adversely affect this project. The CSER activities included a review of public regulatory files and historical data sources, and a site reconnaissance of the project study area.

As a result of this evaluation, we have assigned Contamination Risk Ratings to 39 sites. The 39 site locations are shown on **Figures 4A-4D** and the contamination status of each site is summarized in **Table 1**.

Using the FDOT Risk Ratings presented in **Appendix C**, we have identified **22 Low Risk** sites and **17 Medium Risk** sites.

### Low Risk (22)

Site No.	Site Name	Site Address	Risk Rating
1	A Day In The Country Inc	809 State Road 44	Low
6	Radio Tower 1	N/A	Low
8	Tommy's Tire Shop	418 SR 44	Low
9	Black Gold Compost Facility	11424 County Road 237	Low
10	Radio Tower 2	CR 475 North	Low
11	Radio Tower 3	Southwest 20th Avenue Road	Low
13	Whetstone Oil Co-Southern Road Building	I-75 Weigh Station	Low
15	SummerGlen Golf Course	1450 Southwest 154th Street Road	Low
17	Summerglen Electrical Substation	14245 Southwest 16th Avenue	Low
18	Don Garlits Museum of Drag Racing Inc	13700 Southwest 16 <sup>th</sup> Avenue	Low
22	Quality #193; Marion Oaks Amoco; H&D Service Inc	2045 Southwest Highway 484/2105 Southwest 135 <sup>th</sup> Street	Low
23	Chevron #47740	2095 Southwest 135 <sup>th</sup> Street/Highway 484	Low
24	Conrad's Wood Recycling	10920 Southwest 27 <sup>th</sup> Avenue	Low
26	Radio Tower 4	North of Southwest 66 <sup>th</sup> Street	Low
27	Radio Tower 5	Southwest 40 <sup>th</sup> Avenue	Low

Site No.	Site Name	Site Address	Risk Rating
29	Industrial Technologies & Services Americas Inc	4647 Southwest 40 <sup>th</sup> Avenue	Low
30	Electrical Substation 2	Southwest 43 <sup>rd</sup> Street Road	Low
33	Interstate Center	I-75 and SR 200	Low
35	Gadco-Ocala 400	3701 Southwest College Road	Low
36	Home Depot #0253	3300 Southwest 35 <sup>th</sup> Terrace	Low
37	Historical Railroad	SR 200 and I-75 Intersection	Low
38	Agricultural Land Use and Tree Farms	East and West of I-75	Low

### Medium Risk Sites (17)

Site No.	Site Name	Site Address	Risk Potential
2	Apec-Treeline #842	861 East Highway 44	Medium
3	Florida Citrus Center #400; Sunoco Service Station #06146419; Wareco Service Center #576	753 East State Road 44/7993 Northeast 7 <sup>th</sup> Drive	Medium
4	Former BP Station	549 State Road 44	Medium
5	Pilot #4556; Wilco Travel Plaza #4510	744/768 East Highway 44	Medium
7	Wildwood Travel Center #53	556 East State Road 44	Medium
12	Tampa Bay Auto Transport	I-75 Southbound Mile Marker 337.5	Medium
14	Circle Express Spill	Near I-75 Weigh Station	Medium
16	Florida Peach – Belleview	East of I-75	Medium
19	Gate #133	1800 Southwest Highway 484	Medium
20	Pilot Travel Center #293	2020 Southwest 135 <sup>th</sup> Street/Southwest Highway 484	Medium
21	Florida Citrus Center #30	1805 Southwest Highway 484/135 <sup>th</sup> Street	Medium
25	Mike’s Mobile Repair Service	I-75 Northbound Mile Marker 344	Medium
28	Eagle Transport	I-75 Northbound Mile Marker 349	Medium
31	Sunshine Food #250; Shealy J L – Historical Gas Station	3710/3740 Southwest College Road	Medium
32	Raceway #6721	3708 Southwest College Road	Medium
34	Diamond Oil SR 200	3711 Southwest College Road	Medium
39	Area of Pits-Dumps Complex, Udorthents	East and West of I-75	Medium

As a result of this evaluation, we have assigned Contamination Risk Ratings to 52 potential stormwater pond sites. The 52 pond locations are shown on **Figures 1A-1B** and **5A-5D** and the contamination status of each site is summarized in **Table 3**.

### Pond Site Risk Ratings

Pond Site No.	Location	Risk Potential
Pond 0-1	This pond site consists of two areas. Northeast and southwest corners of the I-75 and SR 44 interchange	Medium
Pond 0-2	About 80 feet east of I-75 and about 425 feet south of SR 44	Medium
Pond 0-3	About 2,900 feet west of I-75 and about 65 feet south of SR 44	Low
Pond 1-1	About 130 feet east of I-75 and about 810 feet north of SR 44	Low
Pond 1-3A	About 200 feet west of I-75 and about 1,800 feet north of SR 44	Medium
Pond 1-3B	About 90 feet west of I-75 and about 1,400 feet north of SR 44	Medium
Pond 2-2	About 85 feet west of I-75	Low
Pond 2-3	About 140 feet southwest of I-75	Medium
Pond 3-1	About 140 feet southwest of I-75 and about 460 feet south of Sumter County Road 462 East	Low
Pond 4-1	About 130 feet east of I-75 and 1,700 feet north of CR 231	Low
Pond 4-2	About 140 feet west of I-75 and about 1,000 feet north of CR 231	Medium
Pond 4-3	About 150 feet west of I-75 and about 1,200 feet north of CR 231	Medium
Pond 5-1/6-1	About 140 feet west of I-75 and about 700 feet north of NW 111 Lane	Low
Pond 5-2/6-2	About 1,000 feet west of I-75 and about 725 feet north of NW 111th Lane	Medium
Pond 7-1	About 190 feet east of I-75 and about 650 feet south of NE 130 <sup>th</sup> Avenue	Low
Pond 8-2	About 1,100 feet east of I-75 and about 200 feet south of NE 135th Grove	Low
Pond 8-3A	About 450 feet east of I-75 and about 460 feet north of NE 130th Avenue	Low
Pond 8-3B	About 210 feet east of I-75 and about 150 feet south of NE 135th Grove	Low
Pond 9-2/9A	About 165 feet west of I-75	Low

Pond Site No.	Location	Risk Potential
Pond 10-3/10B	About 270 feet west of I-75 and about 1,200 feet east of SW 20 <sup>th</sup> Avenue Road	Low
Pond 11-1	About 155 feet east of I-75 and about 70 feet west of South Magnolia Avenue	Low
Pond 11-2	About 155 feet west of I-75	Low
Pond 12-1	About 200 feet east of I-75 and about 90 feet south of the I-75 northbound weigh station	Low
Pond 13-1	About 340 feet west of I-75 and about 120 feet north of 21 <sup>st</sup> Terrace	Low
Pond 13-2	About 190 feet west of I-75, contains a portion of 21 <sup>st</sup> Terrace	Low
Pond 14-1/ 15-1	About 775 feet east of I-75, about 2,700 feet south of SR 484	Low
Pond 14-3/15-3	About 135 feet east of I-75 and 65 feet west of CR 475A	Medium
Pond 16-3	About 145 feet east of I-75	Low
Pond 16-1/17-3	About 145 feet west of I-75	Low
Pond 17-2	About 180 feet west of I-75	Low
Pond 18-1	About 150 feet east of I-75	Low
Pond 19-1	About 155 feet east of I-75 and 115 feet southwest of SW 27 <sup>th</sup> Avenue	Low
Pond 19-3	About 110 feet west of I-75	Low
Pond 19-4	About 650 feet west of I-75	Medium
Pond 20-2	About 520 feet east of I-75 and about 200 feet east of SW 109 <sup>th</sup> Place	Low
Pond 20-3	About 145 feet east of I-75 and contains portions of SW 109 <sup>th</sup> Place	Low
Pond 21-1	About 90 feet west of I-75 and about 325 feet northwest of SW 106 <sup>th</sup> Street	Low
Pond 22-1	About 145 feet east of I-75	Low
Pond 22-3	About 355 feet east of I-75	Low
Pond 23-1	About 115 feet east of I-75	Low
Pond 24-1	About 130 feet east of I-75. The eastern half of this pond site shares a footprint with <b>Pond 24-3</b>	Low



Pond Site No.	Location	Risk Potential
Pond 24-3	About 160 feet east of I-75. The western quarter of this pond site shares a footprint with <b>Pond 24-1</b>	Low
Pond 25-1/ 26-1	About 110 feet east of I-75 and about 355 feet east of SW 38 <sup>th</sup> Avenue. The northern portion of this pond contains the footprint of <b>Pond 25-2</b>	Low
Pond 25-2	About 110 feet east of I-75 and about 355 feet east of SW 38 <sup>th</sup> Avenue. This pond lies within the footprint of <b>Pond 25-1/26-1</b>	Low
Pond 27-1	About 150 feet west of I-75 and about 245 feet north of SW 85 <sup>th</sup> Street	Low
Pond 27-3	About 170 feet east of I-75 and about 50 feet north of SW 85 <sup>th</sup> Street	Low
Pond 28-1	About 160 feet east of I-75 and about 80 feet north of SW 35 <sup>th</sup> Avenue	Medium
Pond 28-3	About 530 feet west of I-75 and about 80 feet north of SW 80 <sup>th</sup> Street	Medium
Pond 29-1	About 130 feet east of I-75	Low
Pond 29-2	About 150 feet east of I-75 and about 2,900 feet south of SW 66 <sup>th</sup> Street	Medium
Pond 30-1A	About 230 feet west of I-75. The footprint of this pond site is contained within the footprint of <b>Pond 30-2</b> .	Low
Pond 30-2	About 230 feet west of I-75. The eastern half of this pond site contains the footprint of <b>Pond 30-1A</b> .	Low
Pond 30-3	About 430 feet west of I-75 and about 1,900 feet north of SW 66 <sup>th</sup> Street	Low
Pond 31-1	About 250 feet west of I-75 and about 65 feet east of SW 40 <sup>th</sup> Avenue	Low
Pond 32-3	About 1,490 feet east of I-75 and about 45 feet south of SW 42 <sup>nd</sup> Street	Low

Based on the scope and plans at the date of this CSER (June 2024), eight **Medium Risk** sites and three **Medium Risk** preferred pond sites will require Level II Impact to Construction Assessments (ICAs).

- Additional ICAs may be required if construction dewatering is required within 500 feet of other **Medium Risk** sites with known groundwater impacts.
- Additional ICAs may be required if other **Medium Risk** pond sites are selected for use.

More details regarding the **Medium Risk** sites, Level II ICAs, and Construction Support are discussed in Section 9.2.

## 1.0 INTRODUCTION

---

### 1.1 Contract Information

---

Geotechnical and Environmental Consultants, Inc. (GEC) was retained by Volkert, Inc. on behalf of the Florida Department of Transportation (FDOT) to provide a Contamination Screening Evaluation Report (CSER) for I-75 (SR 93) from south of SR 44 to SR 200 Improvements project. This CSER was performed as part of Financial Project ID No. 443623-1-22-01.

### 1.2 Purpose

---

The purpose of this evaluation is the early identification of potential contamination sites that could impact this project...

The presence of contaminated environmental media (soil, groundwater, surface water, and sediment) can have a significant negative impact on the cost and schedule to complete a roadway improvement project. The purpose of this evaluation was the early

identification of potential contamination sites that could impact this project and to provide valuable input for the design, right-of-way acquisition, and construction phases.

## 2.0 PROJECT DESCRIPTION

---

The following sections describe the current study area conditions, the project construction plans and elements of the project that could be impacted by soil or groundwater contamination. Common terms used in this report can be found in **Appendix B**.

### 2.1 Site Description

---

The project site consists of approximately 21 miles along the right-of-way of I-75, from south of SR 44 to SR 200...

The project site consists of approximately 21 miles along the right-of-way of I-75 (SR 93), from south of SR 44 to SR 200. The project alignment is shown on an excerpt of the U.S. Geological Survey (USGS) Wildwood, Oxford, Lake Panasoffkee NW, Shady, and Ocala West, Florida Quadrangle map (**Figures 1A-1B**) in the **Appendix**.

### 2.2 Current Land Use

---

The current land uses within the study area are shown on the St. Johns River Water Management District (SJRWMD) Map on **Figures 2A-2D** and are summarized as follows:

- Residential, Low Density
- Residential, Rural
- Residential, Medium Density
- Residential, High Density
- Commercial and Services
- Industrial
- Institutional
- Recreational
- Golf Course
- Open Land
- Cropland and Pastureland
- Improved Pastures
- Unimproved Pastures
- Woodland Pastures
- Field Crops
- Nurseries and Vineyards
- Ornamentals
- Specialty Farms
- Horse Farms
- Other Open Lands
- Herbaceous (Dry Prairie)
- Shrub and Brushland
- Upland Coniferous Forests
- Pine Flatwoods
- Longleaf Pine – Xeric Oak
- Sand Pine
- Upland Hardwood Forests
- Upland Hardwood Forests Cont.
- Upland Hardwood Forests – Coniferous Mix
- Tree Plantations
- Coniferous Plantations
- Reservoirs
- Stream and Lake Swamps
- Cypress
- Vegetated Non-Forested Wetlands
- Freshwater Marshes
- Wet Prairie
- Emergent Aquatic Vegetation
- Intermittent Ponds
- Disturbed Lands
- Transportation
- Airports
- Roads and Highways
- Utilities
- Electric Power Facilities
- Sewage Treatment
- Surface Water Collection Features

The nurseries and vineyards and ornamental land uses are discussed as **Site No. 38** in **Table 1**. The disturbed lands are discussed as **Site No. 39** in **Table 1**.

No other land uses were identified that appear to indicate a significant potential for contamination impacts.

### ***2.3 Project Description***

---

Based on our understanding of the scope of the project, the following project elements are proposed along the I-75 alignment:

- Stormwater pond excavation
- Drainage improvements
- Bridge improvements
- Construction of additional tolled express lanes to the outside
- With exception of the stormwater ponds, the majority of the improvements will be within the existing I-75 right-of-way.

#### ***2.4 Potential Contamination Impacts***

---

The project elements that could be impacted by soil and/or groundwater contamination include the following:

- Soil excavation for drainage improvements
- Soil excavation for stormwater pond excavation
- Dewatering for pond excavation
- Soil excavation for bridge improvements

### **3.0 CONTAMINATION SCREENING METHODOLOGY**

---

GEC conducted this evaluation in general accordance with Chapter 20 of the FDOT PD&E Manual dated July 1, 2023. The study area is defined by the following distances from the right of way:

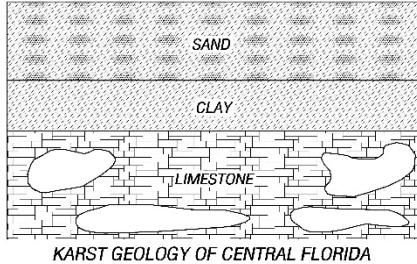
- **All sites within 500 feet**
- **Non-landfill solid waste sites within 1,000 feet**
- **Solid waste landfills, CERCLA, or National Priorities List (NPL) sites within ½ mile**

GEC reviewed relevant information from the FDEP, USEPA, and local agencies in Marion and Sumter Counties to identify known or potential contamination sites within the study area. Historical aerial photographs and other published historical sources were reviewed as part of this CSER. GEC performed a site reconnaissance of the properties within the study area and attempted to interview individuals with knowledge of the study area's environmental status.

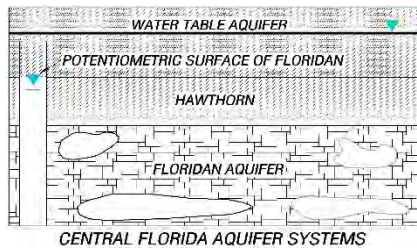
Based on the results of the contamination screening activities, GEC assigned Risk Ratings to sites. The risk rating system was developed by FDOT and incorporates four levels of risk: **No, Low, Medium and High**. For a description of the four risk levels please refer to **Appendix C**.

## 4.0 GEOLOGIC AND GEOGRAPHIC CONDITIONS

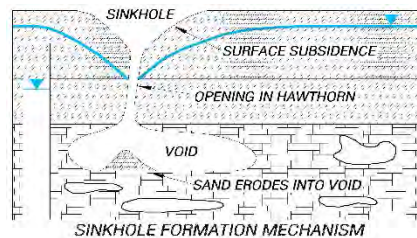
### 4.1 Central Florida Geology



Due to its prevalent geology, referred to as karst, Central Florida is prone to the formation of sinkholes, or large, circular depressions created by local subsidence of the ground surface. The nature and relationship of the three sedimentary layers typical of Central Florida geology cause sinkholes. The deepest, or basement, layer is a massive cavernous limestone formation known as the Floridan aquifer. The Floridan aquifer limestone is overlain by a silty or clayey sand, clay, phosphate, and limestone aquitard (or flow-retarding layer) ranging in thickness from nearly absent to greater than 100 feet and locally referred to as the Hawthorn Group (Hawthorn). A 40 to 70-foot thick surficial layer of sand in turn overlies the Hawthorn, bearing the water table aquifer. The likelihood of sinkhole occurrence at a given site within the region is determined by the relationship among these three layers, specifically by the water (and soil)-transmitting capacity of the Hawthorn at that location.



The water table aquifer is comprised of Recent and Pleistocene sands and is separated from the Eocene limestone of the Floridan aquifer by the Miocene sands, clays and limestone of the Hawthorn. Since the thickness and consistency of the Hawthorn is variable across Central Florida, the likelihood of groundwater flow from the upper to the lower aquifer (known as aquifer recharge) will also vary by geographical location.



In areas where the Hawthorn is absent, water table groundwater (and associated sands) can flow downward to cavities within the limestone aquifer, like sand through an hourglass, recharging the Floridan aquifer, and sometimes causing the formation of surface sinkholes. This process of subsurface erosion associated with recharging the Floridan aquifer is known as raveling. Thus, in Central Florida, areas of effective groundwater recharge to the Floridan aquifer have a higher potential for the formation of surface sinkholes.

Based on the U.S. Geological Survey Map entitled "Recharge and Discharge Areas of the Floridan Aquifer in the St. Johns River Water Management District and Vicinity, Florida," 1984, the southernmost mile of the study area lies in an area of low to moderate recharge; therefore, we can conclude based solely on this data that it also lies in an area where the relative risk of sinkhole

formation is generally low compared to the overall risk across Central Florida. The remainder of the study area lies in an area of high recharge; therefore, we can conclude based solely on this data that the majority of the project limits fall within an area where the relative risk of sinkhole formation is high compared to the overall risk across Central Florida,

#### **4.2 USGS Quadrangle Map**

The study area has been transposed onto the United States Geological Survey (USGS) Wildwood, Oxford, Lake Panasoffkee NW, Shady, and Ocala West, Florida Quadrangle map for this area, as shown on **Figures 1A-1B**. According to the quadrangle map, the natural ground surface elevation in the vicinity of the study area ranges from +50 feet to +125 feet NGVD. The topography is typical of karst terrain with numerous sinkhole-created depressional features.

The study area is predominantly depicted as undeveloped land. Sand pits are depicted in the northwest and southeast quadrants of the I-75 and SR 44 interchange, and are discussed in Section 4.3.

#### **4.3 NRCS Soil Survey Review**

The NRCS Soil Survey of Sumter County and Marion County, Florida was reviewed for information regarding near-surface soil conditions within the project limits, as shown on **Figures 3A-3D**. The following soil types were identified within the study area:

#### **Sumter County**

Unit No.	Soil Name
1	Arredondo fine sand, 0 to 5 percent slopes
4	Candler sand, 0 to 5 percent slopes
5	Candler sand, 5 to 8 percent slopes
6	Kendrick fine sand, 0 to 5 percent slopes
10	Sparr fine sand, 0 to 5 percent slopes
13	Tavares fine sand, 0 to 5 percent slopes
15	Adamsville fine sand, bouldery subsurface
16	Apopka fine sand, 0 to 5 percent slopes
21	EauGallie fine sand, bouldery subsurface
25	Kanapaha sand, bouldery subsurface
26	Wabasso fine sand, bouldery subsurface
27	Sumterville fine sand, bouldery subsurface, 0 to 5 percent slopes
31	Myakka-Myakka, wet, sands, 0 to 2 percent slopes
33	Sparr fine sand, bouldery subsurface, 0 to 5 percent slopes

Unit No.	Soil Name
36	Floridana mucky fine sand, frequently ponded, 0 to 1 percent slopes
39	Mabel fine sand, bouldery subsurface, 0 to 5 percent slopes
40	Millhopper sand, bouldery subsurface, 0 to 5 percent slopes
42	Adamsville fine sand, 0 to 2 percent slopes
44	Oldsmar fine sand, bouldery subsurface
49	Terra Ceia muck, 0 to 1 percent slopes, frequently flooded
50	Immokalee sand
51	Pits-Dumps complex
53	Tavares fine sand, bouldery subsurface, 0 to 5 percent slopes
54	Monteocha fine sand, depressional
57	Gator muck, 0 to 1 percent slopes, frequently flooded
60	Delray fine sand, depressional
61	EauGallie fine sand
62	Urban land, 0 to 2 percent slopes
65	Candler sand, bouldery subsurface, 0 to 5 percent slopes
66	Arredondo fine sand, bouldery subsurface, 0 to 5 percent slopes
99	Water

### Marion County

Unit No.	Soil Name
2	Adamsville sand, 0 to 5 percent slopes
5	Apopka sand, 0 to 5 percent slopes
9	Arredondo sand, 0 to 5 percent slopes
11	Pedro-Arredondo complex, 0 to 5 percent slopes
13	Astatula sand, 0 to 5 percent slopes
17	Blichton sand, 2 to 5 percent slopes
22	Candler sand, 0 to 5 percent slopes
23	Candler sand, 5 to 12 percent slopes
37	Hague sand, 2 to 5 percent slopes
40	Holopaw sand, frequently ponded, 0 to 1 percent slopes
43	Kanapaha-Kanapaha, wet, fine sand, 0 to 5 percent slopes
44	Kendrick loamy sand, 0 to 5 percent slopes
45	Kendrick loamy sand, 5 to 8 percent slopes
46	Lochloosa fine sand, 0 to 5 percent slopes
47	Lochloosa fine sand, 5 to 8 percent slopes
58	Placid sand, depressional
61	Pomona sand
65	Sparr fine sand, 0 to 5 percent slopes
73	Wacahoota loamy sand, 5 to 8 percent slopes

Unit No.	Soil Name
74	Wacahoota gravelly sand, gravelly subsoil variant, 2 to 5 percent slopes
77	Zuber loamy sand, 2 to 5 percent slopes
78	Zuber loamy sand, 5 to 8 percent slopes
79	Udorthents, excavated
99	Water

The NRCS Soil Survey map depicts three areas of Pits-Dumps complex (Sumter County Soil Unit No. 51) and two areas of Udorthents, excavated (Marion County Soil Unit No. 79) in the study area. The areas Pits-Dumps complex and Udorthents, excavated are discussed as **Site No. 39** in **Table 1**.

An area of Pits-Dumps complex is located in the southeast quadrant of the I-75 and SR 44 interchange. Earthworking activities are visible on the 1964 through 2006 aerial photographs. The topographic map depicts this area as a sand pit. The western portion of this area of Pits-Dumps complex contains portions of **Pond 0-3**, and is discussed in **Table 3**.

An area of Pits-Dumps complex is located in the northwest quadrant of the I-75 and SR 44 interchange. Earthworking activities are visible on the 1964 through 2006 aerial photographs. The topographic map depicts this area as a sand pit. The area Pits-Dumps complex contains the entirety of **Pond 1-3A**, and portions of **Pond 1-3B** and **Pond 2-3**, and is discussed in **Table 3**.

An area of Udorthents, excavated is located in the southwest quadrant of the I-75 and SR 484 interchange. The area is excavated in 1964 and apparent earthworking activities area visible in the 1980s.

An area of Udorthents, excavated is located just north of the Greenway, about 450 feet west of I-75. Earthworking activities are visible on the 1984 and 1995 aerial photographs. The topographic map depicts this area as a rectangular depressed area. The area of Udorthents contains **Pond 19-4**, and is discussed in **Table 3**.

Other than the areas of Udorthents, excavated and Pit-Dumps complex, no additional landfills, quarries, or other conditions are depicted that would represent potential contamination concerns on, or in the immediate vicinity of, the study area.

*Information contained in the NRCS Soil Survey is very general and may be outdated.* It may not therefore be reflective of actual soil and groundwater conditions, particularly if recent development in the site vicinity has modified soil conditions or surface/subsurface drainage.



## 5.0 HISTORICAL DATA REVIEW

---

### 5.1 Historical Aerial Photographs

---

Historical aerial photographs of the study area were reviewed to evaluate past land use and to identify features that may indicate hazardous material or petroleum contamination. GEC obtained historical aerial photographs for the study area from University of Florida, FDOT, and Google Earth. The aerial photograph coverage for the study area is spotty and irregular for historical years. Continuous coverage was not available until 1995. Aerial photographs for the following years were reviewed: 1940, 1949, 1951, 1956, 1957, 1960, 1964, 1969, 1972, 1973, 1979, 1983, 1988, 1995, 1999, 2004, 2007, 2013, 2019, and 2023. [Historicaerials.com](https://www.historicaerials.com) was also utilized as an attempt to review historical aerial photographs within the study areas with little coverage.

In 1940, much of the study area is undeveloped wooded land or cattle pasture. SR 44 is visible in the southern portion, and SR 200 is visible in the northern portion. Several side streets are visible in 1951 through 1960. I-75 is first visible throughout the study area in 1964. Gas stations (**Site Nos. 1** through **5** and **7**) are visible at all four corners of the I-75 and SR 44 intersection in 1969, and at all four corners of the SR 484 and I-75 intersection in 1972 (**Site Nos. 19** through **23**). Further commercial and residential development is visible from 1983 through 2023.

**Table 2** describes the aerial photograph details for the 39 sites assigned Contamination Risk Ratings (CRR). Pertinent details identified in the historical aerial photographs are also included in the Potential Contamination Site Descriptions in **Table 1**. The historical aerial photographs are provided in **Appendix A**.

### 5.2 City Directories

---

City Directories are historical listings of businesses and residences in a given area, similar to a standard telephone book. The site occupant and addresses listed for previous years can identify past land uses.

Due to the rural nature of the study area, city directories were not reviewed.

### 5.3 Fire Insurance Maps

---

Fire insurance maps are used by insurance companies in assessing fire risk. These maps contain details about building construction, business type, building contents, fuel storage tanks, and other factors affecting fire risk.

Sanborn Fire were not available for the study area. The no coverage letter is included in **Appendix D**.

#### ***5.4 Historical Quadrangle Maps***

---

GEC reviewed historical quadrangle maps at the [www.Historicaerials.com](http://www.Historicaerials.com) website. The maps for 1895, 1903, 1910, 1916, 1923, 1941, 1949, 1958, 1968, 1969, 1970, 1974, 1977, 1983, 1988, 1990, 1991, 2012, 2015, 2018, and 2021 were reviewed.

Our historical quadrangle map review revealed the following observations:

##### **SR 44 to Sumter County Road (CR) 479:**

SR 44 is visible on the 1895 map, and the study area is undeveloped land with areas of wetlands and ponds. A road is depicted in the approximate area of the future CR 462, and three roads are visible intersecting the area of the future I-75 right-of-way. The study area remains relatively unchanged until 1968/1969, when I-75 is visible through the center of the study area. Buildings (**Site Nos. 3, 4, 5, and 7**) are visible at all four corners of the I-75 and SR 44 interchange. CR 462 is visible intersecting I-75, and a building is shown at the southwest corner of the I-75 and CR 462 intersection, and at the southeast corner of the I-75 and CR 479 intersection. Sandpits (**Site No. 39**) are located in the northwest and southeast quadrant of the I-75 and SR 44 interchange in 1968, 1969 and 1990, and are depicted as a depressed area from 2012 through 2015 and 2021.

##### **CR 479 to SR 484:**

In 1895, the majority of the study area is undeveloped land. A road is visible in the approximate area of the future I-75 right-of way from about Southeast Highway 42 to about Southwest 145<sup>th</sup> Street. Several side streets are visible. I-75 is first visible on the 1968/1970 maps. Buildings (**Site Nos. 19, 21, and 23**) are located to the northwest, northeast, and southeast corners of the I-75 and SR 484 interchange. No buildings or land use are depicted on the 2012 through 2021 quadrangle maps.

##### **SR 484 to SR 200:**

In 1895, a road is visible in the approximate area of SR 200. I-75 is first visible in the 1969/1970 maps. No buildings or land use are depicted on the 2012 through 2021 quadrangle maps. Two large buildings are located to the southeast and northwest of the I-75 and SR 200 interchange in 1991. No buildings or land use are depicted on the 2012 through 2021 quadrangle maps.

The historical quadrangle maps do not depict landfills, borrow pits, quarries, or other conditions that would represent potential contamination concerns on, or in the immediate vicinity of, the study area.

## ***5.5 Historical Contamination Screening Evaluation Report***

---

No historical Contamination Screening Evaluation Reports were available for the study area.

## **6.0 PUBLIC RECORD REVIEW**

---

GEC conducted a review of the public record for the study area including information obtained from the USEPA and the FDEP. As a part of our review, GEC subcontracted with EDR for a regulatory database search. The EDR Radius Map Report is included in **Appendix E**.

### ***6.1 Florida Department of Environmental Protection (FDEP) Databases***

---

The FDEP has compiled several databases that are useful in identifying potential sources of hazardous material or petroleum product contamination. The FDEP databases reviewed for this study and their common abbreviations are provided in **Appendix F**.

### ***6.2 United States Environmental Protection Agency (USEPA) Databases***

---

The federal government has compiled several databases that are useful in identifying potential sources of hazardous material or petroleum product contamination. The federal databases reviewed for this study and their common abbreviations are provided in **Appendix G**.

### ***6.3 FDEP OCULUS Document Management System, Map Direct Website, and Nexus Portal***

---

The FDEP uses the OCULUS Document Management System, Map Direct Website, and Nexus Portal to provide public record information for petroleum or hazardous material releases to the environment, generators of hazardous waste, and solid waste facilities. Information contained in this data management system includes the status of active and abandoned storage tanks, tank inspection reports, tank closure reports, environmental assessment reports, remedial action reports, hazardous waste generator compliance details, and solid waste facility compliance details.

GEC reviewed the OCULUS Document Management System, Map Direct Website, and Nexus Portal within the search distances provided in Section 4.0. The results of our review have been incorporated in our Potential Contamination Site Descriptions in **Table 1**. The FDEP OCULUS, Map Direct and Nexus Portal Information can be found in **Appendix H**.

#### ***6.4 EDB Delineated Areas***

---

The Florida Legislature had the FDEP implement the Delineated Areas Program in 1988 under Chapter 62-524, FAC. The purpose of the program was to protect public health and groundwater resources by regulating potable water well construction and testing standards for areas of known groundwater contamination. During the period 1962 to 1980, the Florida Department of Agriculture and Consumer Services (FDACS) conducted widespread applications of ethylene dibromide (EDB), an agricultural pesticide, to control nematodes in citrus groves. In 1983, the FDEP began testing groundwater in potable wells throughout Florida due to the discovery of EDB in wells in other states. The delineated areas of EDB groundwater contamination are shown on the FDEP Map Direct website. The potable wells, agricultural or residential, with confirmed impacts were shown on the website with a 1,000-foot buffer zone in an attempt to project future migration of contaminants. However, this does not mean that there is not EDB contamination outside of that 1,000-foot zone.

After reviewing these EDB-delineated areas on the FDEP Map Direct website, GEC found no EDB-delineation areas within the study area.

#### ***6.5 Agricultural Land Use***

---

Agricultural land and tree farms typically have environmental concerns associated with them. These concerns include pesticide/herbicide storage and usage, tractor and equipment maintenance and fueling, underground and aboveground fuel storage tanks, irrigation pumps and maintenance, and asbestos irrigation lines. Two tree nurseries were observed in the study area, to the east and west of I-75, containing rows of planted trees. The agricultural land use is discussed as **Site No. 38** in **Table 1**.

#### ***6.6 Railroad Corridors***

---

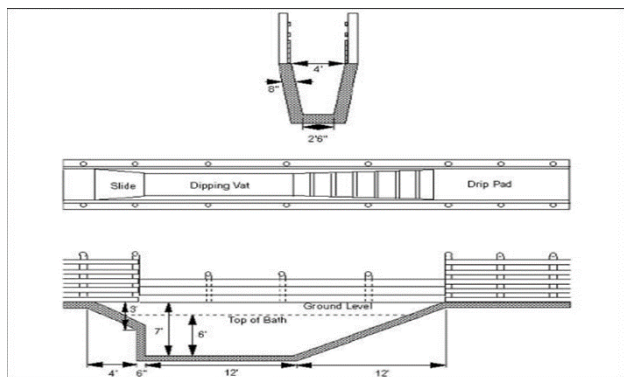
A historical railroad was formerly located along SR 200 and intersected with the I-75 interchange. The railroad was apparently built in 1909 and abandoned in 1922. No evidence of the railroad corridor is visible in the historical aerial photographs or topographic maps. The railroad is discussed as **Site No. 37** in **Table 1**.

#### ***6.7 Cattle Dip Vats***

---

Cattle dip vats were a response to cattle tick fever in the 1890s. The USDA initiated the cattle dip vat program in 1906 and approximately 3,200 cattle dip vats had been constructed by 1940.

Cattle dip vats were used until the 1960s and many vats have not been located or documented. Cattle dip vats were used to apply pesticides to cattle and other livestock, kill ticks, and thereby eliminate tick-borne diseases. The vats were typically constructed of concrete. They consisted of four sections; the entrance slide, dipping vat, exit stairs and drip pad. Cattle entered the chute leading to the entrance slide, slid down into the pesticide-filled vat, swam or walked across the



vat and walked up the exit stairs to the drip pad. The vats were roughly four feet wide, seven feet deep, and 40 feet long as shown on the adjacent diagram.

Due to the relatively small size of the vat and the narrow profile, it is difficult to identify a cattle dip vat from aerial photographs, or in a wooded area. Cattle dip vats are typically identified when the land owner reveals the

location, when they are located near historical cattle pens and chutes, and by happening upon them. To add to the difficulty in identifying historical cattle dip vats, many landowners removed the vats when the program was closed. They either dug up the vat or broke up the concrete and covered it with soil.

No cattle dip vats were identified within the study area through public record and database review, historical aerial photograph review, or site reconnaissance. Based on available information, we found no evidence cattle dip vats within the study area contribute to contamination risk for this project.

## 7.0 INTERVIEWS

---

GEC contacted Mr. Shane Gibbs at the Office of Emergency Response for the Florida Department of Environmental Protection via email on February 22, 2024, regarding **Site Nos. 12, 14, 25 and 28**. Mr. Gibbs has not responded at the time of this report.

Due to the limited timeframe and availability of public records for this project, no additional interviews were performed in the preparation of this assessment. The interview documentation is included in **Appendix I**.

## 8.0 SITE RECONNAISSANCE

---

A GEC representative performed a reconnaissance of the study area on December 13, 2023, and February 14, 15, 16, 19, 21, 22, and 27, 2024. The purpose of the reconnaissance was to

document current conditions and evaluate whether current land uses could result in hazardous material or petroleum product contamination of environmental media.

The properties within the project study area were visually inspected for evidence of contamination such as stressed vegetation, underground tank vent and fill pipes, dumping, accumulated areas of debris, evidence of buried materials, and ground staining.

Details of the site reconnaissance are incorporated in the Potential Contamination Site Descriptions in **Table 1** and the Pond Site Observations in **Table 3**. Photographs obtained for each potential contamination site are also included in **Table 1**.

## **9.0 CONCLUSIONS AND RECOMMENDATIONS**

This CSER has identified the 39 sites that, in GEC’s opinion, have some risk of contamination impacts to this project. The site locations are shown on **Figures 4A-4D**. **Table 1** summarizes the findings for each rated site.

### **9.1 Potential Contamination Sites**

#### **Low Risk (22)**

Site No.	Site Name	Site Address	Risk Rating
1	A Day In The Country Inc	809 State Road 44	Low
6	Radio Tower 1	N/A	Low
8	Tommy’s Tire Shop	418 SR 44	Low
9	Black Gold Compost Facility	11424 County Road 237	Low
10	Radio Tower 2	CR 475 North	Low
11	Radio Tower 3	Southwest 20th Avenue Road	Low
13	Whetstone Oil Co-Southern Road Building	I-75 Weigh Station	Low
15	SummerGlen Golf Course	1450 Southwest 154th Street Road	Low
17	Summerglen Electrical Substation	14245 Southwest 16th Avenue	Low
18	Don Garlits Museum of Drag Racing Inc	13700 Southwest 16 <sup>th</sup> Avenue	Low
22	Quality #193; Marion Oaks Amoco; H&D Service Inc	2045 Southwest Highway 484/2105 Southwest 135 <sup>th</sup> Street	Low
23	Chevron #47740	2095 Southwest 135 <sup>th</sup> Street/Highway 484	Low
24	Conrad’s Wood Recycling	10920 Southwest 27 <sup>th</sup> Avenue	Low
26	Radio Tower 4	North of Southwest 66 <sup>th</sup> Street	Low
27	Radio Tower 5	Southwest 40 <sup>th</sup> Avenue	Low

Site No.	Site Name	Site Address	Risk Rating
29	Industrial Technologies & Services Americas Inc	4647 Southwest 40 <sup>th</sup> Avenue	Low
30	Electrical Substation 2	Southwest 43 <sup>rd</sup> Street Road	Low
33	Interstate Center	I-75 and SR 200	Low
35	Gadco-Ocala 400	3701 Southwest College Road	Low
36	Home Depot #0253	3300 Southwest 35 <sup>th</sup> Terrace	Low
37	Historical Railroad	SR 200 and I-75 Intersection	Low
38	Agricultural Land Use and Tree Farms	East and West of I-75	Low

### Medium Risk Sites (17)

Site No.	Site Name	Site Address	Risk Potential
2	Apec-Treeline #842	861 East Highway 44	Medium
3	Florida Citrus Center #400; Sunoco Service Station #06146419; Wareco Service Center #576	753 East State Road 44/7993 Northeast 7 <sup>th</sup> Drive	Medium
4	Former BP Station	549 State Road 44	Medium
5	Pilot #4556; Wilco Travel Plaza #4510	744/768 East Highway 44	Medium
7	Wildwood Travel Center #53	556 East State Road 44	Medium
12	Tampa Bay Auto Transport	I-75 Southbound Mile Marker 337.5	Medium
14	Circle Express Spill	Near I-75 Weigh Station	Medium
16	Florida Peach – Belleview	East of I-75	Medium
19	Gate #133	1800 Southwest Highway 484	Medium
20	Pilot Travel Center #293	2020 Southwest 135 <sup>th</sup> Street/Southwest Highway 484	Medium
21	Florida Citrus Center #30	1805 Southwest Highway 484/135 <sup>th</sup> Street	Medium
25	Mike’s Mobile Repair Service	I-75 Northbound Mile Marker 344	Medium
28	Eagle Transport	I-75 Northbound Mile Marker 349	Medium
31	Sunshine Food #250; Shealy J L – Historical Gas Station	3710/3740 Southwest College Road	Medium
32	Raceway #6721	3708 Southwest College Road	Medium
34	Diamond Oil SR 200	3711 Southwest College Road	Medium
39	Area of Pits-Dumps Complex, Udorthents	East and West of I-75	Medium

As a result of this evaluation, we have assigned Contamination Risk Ratings to 52 potential stormwater pond sites. The 52 pond locations are shown on **Figures 1A-1B** and **5A-5D** and the contamination status of each site is summarized in **Table 3**.

### Pond Site Risk Ratings

Pond Site No.	Location	Risk Potential
Pond 0-1	This pond site consists of two areas. Northeast and southwest corners of the I-75 and SR 44 interchange	Medium
Pond 0-2	About 80 feet east of I-75 and about 425 feet south of SR 44	Medium
Pond 0-3	About 2,900 feet west of I-75 and about 65 feet south of SR 44	Low
Pond 1-1	About 130 feet east of I-75 and about 810 feet north of SR 44	Low
Pond 1-3A	About 200 feet west of I-75 and about 1,800 feet north of SR 44	Medium
Pond 1-3B	About 90 feet west of I-75 and about 1,400 feet north of SR 44	Medium
Pond 2-2	About 85 feet west of I-75	Low
Pond 2-3	About 140 feet southwest of I-75	Medium
Pond 3-1	About 140 feet southwest of I-75 and about 460 feet south of Sumter County Road 462 East	Low
Pond 4-1	About 130 feet east of I-75 and 1,700 feet north of CR 231	Low
Pond 4-2	About 140 feet west of I-75 and about 1,000 feet north of CR 231	Medium
Pond 4-3	About 150 feet west of I-75 and about 1,200 feet north of CR 231	Medium
Pond 5-1/6-1	About 140 feet west of I-75 and about 700 feet north of NW 111 Lane	Low
Pond 5-2/6-2	About 1,000 feet west of I-75 and about 725 feet north of NW 111th Lane	Medium
Pond 7-1	About 190 feet east of I-75 and about 650 feet south of NE 130 <sup>th</sup> Avenue	Low
Pond 8-2	About 1,100 feet east of I-75 and about 200 feet south of NE 135th Grove	Low
Pond 8-3A	About 450 feet east of I-75 and about 460 feet north of NE 130th Avenue	Low
Pond 8-3B	About 210 feet east of I-75 and about 150 feet south of NE 135th Grove	Low
Pond 9-2/9A	About 165 feet west of I-75	Low



Pond Site No.	Location	Risk Potential
Pond 10-3/10B	About 270 feet west of I-75 and about 1,200 feet east of SW 20 <sup>th</sup> Avenue Road	Low
Pond 11-1	About 155 feet east of I-75 and about 70 feet west of South Magnolia Avenue	Low
Pond 11-2	About 155 feet west of I-75	Low
Pond 12-1	About 200 feet east of I-75 and about 90 feet south of the I-75 northbound weigh station	Low
Pond 13-1	About 340 feet west of I-75 and about 120 feet north of 21 <sup>st</sup> Terrace	Low
Pond 13-2	About 190 feet west of I-75, contains a portion of 21 <sup>st</sup> Terrace	Low
Pond 14-1/ 15-1	About 775 feet east of I-75, about 2,700 feet south of SR 484	Low
Pond 14-3/15-3	About 135 feet east of I-75 and 65 feet west of CR 475A	Medium
Pond 16-3	About 145 feet east of I-75	Low
Pond 16-1/17-3	About 145 feet west of I-75	Low
Pond 17-2	About 180 feet west of I-75	Low
Pond 18-1	About 150 feet east of I-75	Low
Pond 19-1	About 155 feet east of I-75 and 115 feet southwest of SW 27 <sup>th</sup> Avenue	Low
Pond 19-3	About 110 feet west of I-75	Low
Pond 19-4	About 650 feet west of I-75	Medium
Pond 20-2	About 520 feet east of I-75 and about 200 feet east of SW 109 <sup>th</sup> Place	Low
Pond 20-3	About 145 feet east of I-75 and contains portions of SW 109 <sup>th</sup> Place	Low
Pond 21-1	About 90 feet west of I-75 and about 325 feet northwest of SW 106 <sup>th</sup> Street	Low
Pond 22-1	About 145 feet east of I-75	Low
Pond 22-3	About 355 feet east of I-75	Low
Pond 23-1	About 115 feet east of I-75	Low
Pond 24-1	About 130 feet east of I-75. The eastern half of this pond site shares a footprint with <b>Pond 24-3</b>	Low

Pond Site No.	Location	Risk Potential
Pond 24-3	About 160 feet east of I-75. The western quarter of this pond site shares a footprint with <b>Pond 24-1</b>	Low
Pond 25-1/ 26-1	About 110 feet east of I-75 and about 355 feet east of SW 38 <sup>th</sup> Avenue. The northern portion of this pond contains the footprint of <b>Pond 25-2</b>	Low
Pond 25-2	About 110 feet east of I-75 and about 355 feet east of SW 38 <sup>th</sup> Avenue. This pond lies within the footprint of <b>Pond 25-1/26-1</b>	Low
Pond 27-1	About 150 feet west of I-75 and about 245 feet north of SW 85 <sup>th</sup> Street	Low
Pond 27-3	About 170 feet east of I-75 and about 50 feet north of SW 85 <sup>th</sup> Street	Low
Pond 28-1	About 160 feet east of I-75 and about 80 feet north of SW 35 <sup>th</sup> Avenue	Medium
Pond 28-3	About 530 feet west of I-75 and about 80 feet north of SW 80 <sup>th</sup> Street	Medium
Pond 29-1	About 130 feet east of I-75	Low
Pond 29-2	About 150 feet east of I-75 and about 2,900 feet south of SW 66 <sup>th</sup> Street	Medium
Pond 30-1A	About 230 feet west of I-75. The footprint of this pond site is contained within the footprint of <b>Pond 30-2</b> .	Low
Pond 30-2	About 230 feet west of I-75. The eastern half of this pond site contains the footprint of <b>Pond 30-1A</b> .	Low
Pond 30-3	About 430 feet west of I-75 and about 1,900 feet north of SW 66 <sup>th</sup> Street	Low
Pond 31-1	About 250 feet west of I-75 and about 65 feet east of SW 40 <sup>th</sup> Avenue	Low
Pond 32-3	About 1,490 feet east of I-75 and about 45 feet south of SW 42 <sup>nd</sup> Street	Low

## **9.2 Level II Impact to Construction Assessment (ICA) Recommendations**

*Based on the scope and plans at the date of this CSER (June 2024), eight Medium Risk sites and three Medium Risk preferred pond sites will require Level II ICAs.*

- *Additional Level II ICAs may be required if construction dewatering is required within 500 feet of other Medium Risk Sites with known groundwater impacts.*
- *Additional Level II ICAs may be required if other Medium Risk Pond sites are selected for use.*

**Site Nos. 2, 4, 5, 12, 14, 25, 28, and 29** should require Level II ICA or construction support activities.

**Site Nos. 3, 7, 16, 19, 20, 21, 31, 32, and 34** should not affect the project due to a lack of contamination impacts, distance from significant areas of excavation, or the depth to groundwater being 30 feet or more.

- **Site No. 2** is a former gas station with petroleum groundwater impacts in the deeper portion of the surficial aquifer at a depth of about 45-50 feet. This site is about 280 feet from Pond 0-2. This site is a dewatering concern if dewatering will occur at Pond 0-2 within 500 feet of these impacts. Pond 0-2 extends further than 500 feet from this site.
- **Site No. 3** is an existing gas station with no known contamination impacts. This facility should not affect the project.
- **Site No. 4** is a former gas station and has existing petroleum groundwater impacts in one well. It is within 500 feet of and will affect the construction of the southwest Pond 0-1 if dewatering is required.
- **Site No. 5** is an existing gas station with petroleum groundwater impacts about 250 feet east of the I-75 northbound onramp. It is within 500 feet of and will affect the construction of the northeast Pond 0-1 if dewatering is required.
- **Site No. 7** is an existing gas station with petroleum groundwater impacts about 335 feet west of I-75. The area of groundwater impacts is 500 feet or more from proposed ponds and should not affect the project.
- **Site No. 12** is a 2005 diesel fuel spill and petroleum impacted soil may exist within the work area.
- **Site No. 14** is a 1988 diesel fuel spill and petroleum impacted soil may exist within the work area.
- **Site No. 16** is a shed with former agricultural chemical storage. This shed is 950 feet east of I-95 and will not affect the project.
- **Site No. 19** is an existing gas station with known groundwater impacts and a 30-foot depth to groundwater. Due to the groundwater depth in this vicinity, dewatering should not occur, and this facility should not affect the project.
- **Site No. 20** is an existing gas station with known groundwater impacts and a 50-foot depth to groundwater. Due to the groundwater depth in this vicinity, dewatering should not occur, and this facility should not affect the project.
- **Site No. 21** is an existing gas station without known impacts and a 35-foot depth to groundwater. Due to the lack of contamination impacts and the groundwater depth in this vicinity, this facility should not affect the project.
- **Site No. 25** is a 2005 diesel fuel spill and petroleum impacted soil may exist within the work area.

- **Site No. 28** is a 2010 spill location where a tanker truck caught fire. Petroleum impacted soil and groundwater exists within the work area. A conditional closure exists for this location.
- **Site No. 31** is an existing gas station with known groundwater impacts and a 30-foot depth to groundwater. Due to the groundwater depth in this vicinity, dewatering should not occur, and this facility should not affect the project.
- **Site No. 32** is an existing gas station with no known impacts and a 30-foot depth to groundwater. Due to the lack of contamination impacts and the groundwater depth in this vicinity, this facility should not affect the project.
- **Site No. 34** is a former gas station with known groundwater impacts and a 30-foot depth to groundwater. Due to the groundwater depth in this vicinity, dewatering should not occur, and this facility should not affect the project.
- **Site No. 39** consists of areas of pits and dumps. These are outside the roadway and should be addressed individually with the stormwater ponds that are assigned a **Medium Risk**.

All Medium Risk sites should be reviewed if dewatering is proposed within 500 feet of those sites.

The 13 Medium Risk Ponds should be evaluated for potential contamination impacts to determine their suitability for this project as follows:

- **Pond 0-1** has potential for petroleum contamination impacts to dewatering activities due to **Site Nos. 4 and 5**.
- **Ponds 0-2, 1-3A, 1-3B, 2-3, and 19-4** are in areas of historical excavations.
- **Ponds 4-2, 4-3, 5-2/6-2, 14-3/15-3, and 29-2** contain or are adjacent to agricultural barns.
- **Ponds 28-1 and 28-3** contain areas of dumping.

### **9.3 CSER Update**

---

This CSER should be updated if right of way acquisition or construction will occur more than **one year** from the date of this report to determine if additional assessment is warranted due to significant changes in site conditions or project design.

## **10.0 LIMITATIONS**

---

The findings, opinions, conclusions and recommendations presented herein are based in part on reasonably ascertainable information contained in the public record. GEC does not warrant or guarantee the accuracy or completeness of this information. Some of this public record information may be dated and not representative of conditions at the time of this report was

prepared (December 2023 and February 2024, updated June 2024), or in the future. Additional limitations are as follows:

- Not discussed in this report are properties that have been historically undeveloped land, are associated with residential use and do not appear to pose a contamination risk, or are professional/commercial establishments that are not associated with hazardous materials or petroleum products.
- This study also does not include surveys of wetlands, endangered species, asbestos containing materials, lead-based paints, or other potential hazardous building materials.

## **11.0 USE OF THIS REPORT**

---

GEC has prepared this report for the exclusive use of our client, Volkert, Inc. and FDOT, and for application to our client's project. GEC is not responsible for any other party's interpretation or use of this report's data or recommendations without our written authorization.

GEC has performed the services described in this report in a manner consistent with that level of care and skill ordinarily exercised by members of our profession currently practicing in Central Florida. No other representation is made or implied in this document.

The conclusions and recommendations should be disregarded if the final project design differs from the project description in this report. If such changes are contemplated, GEC should be retained to review the new plans to assess the applicability of this report in light of proposed changes.

# FIGURES

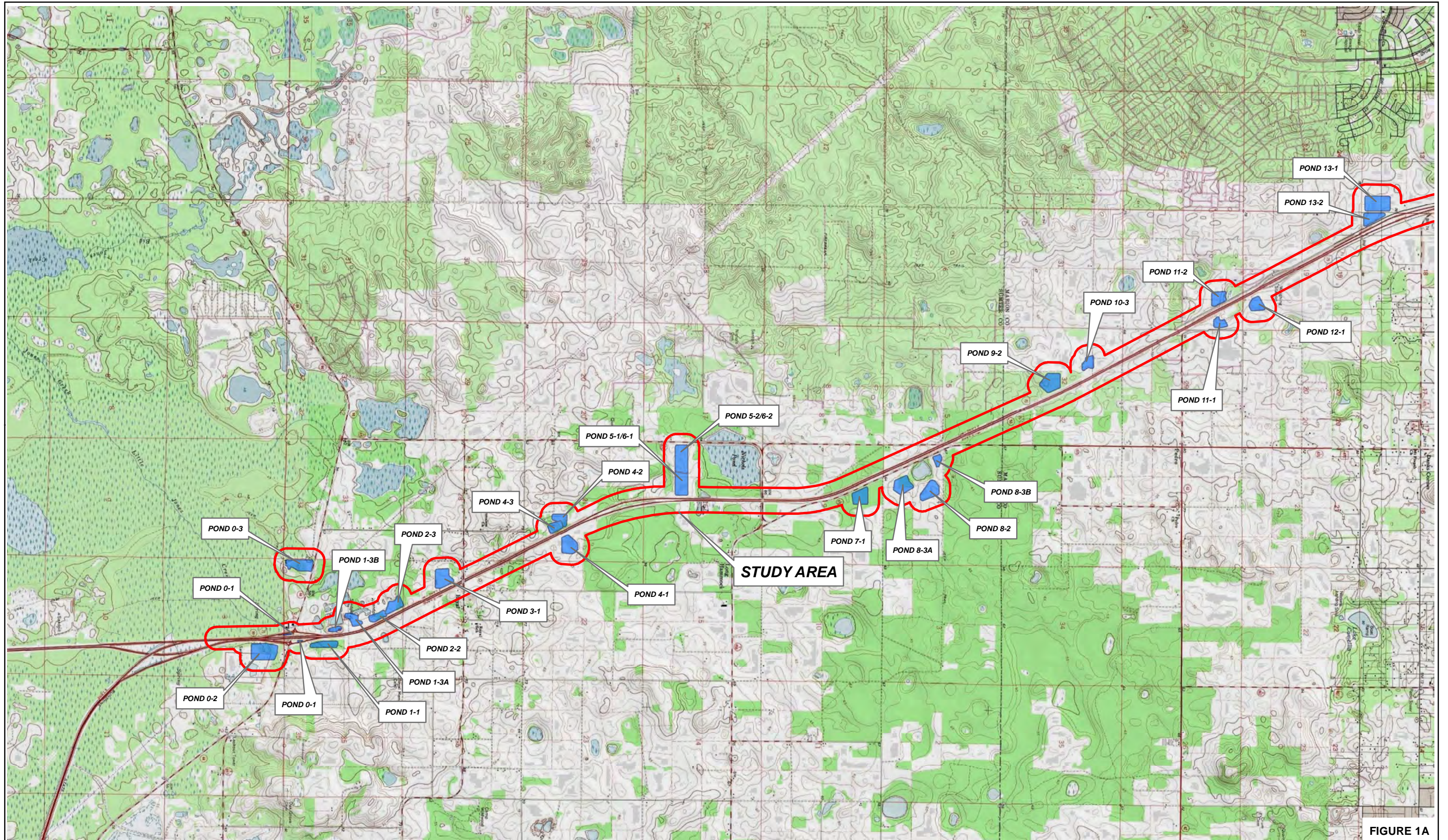
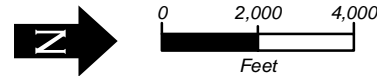


FIGURE 1A

USGS Wildwood, Oxford, Lake panasoffkee NW, Shady, Ocala West, FL Quadrangle Map  
 Dated: 1987



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

USGS QUADRANGLE MAP

SHEET  
NO.

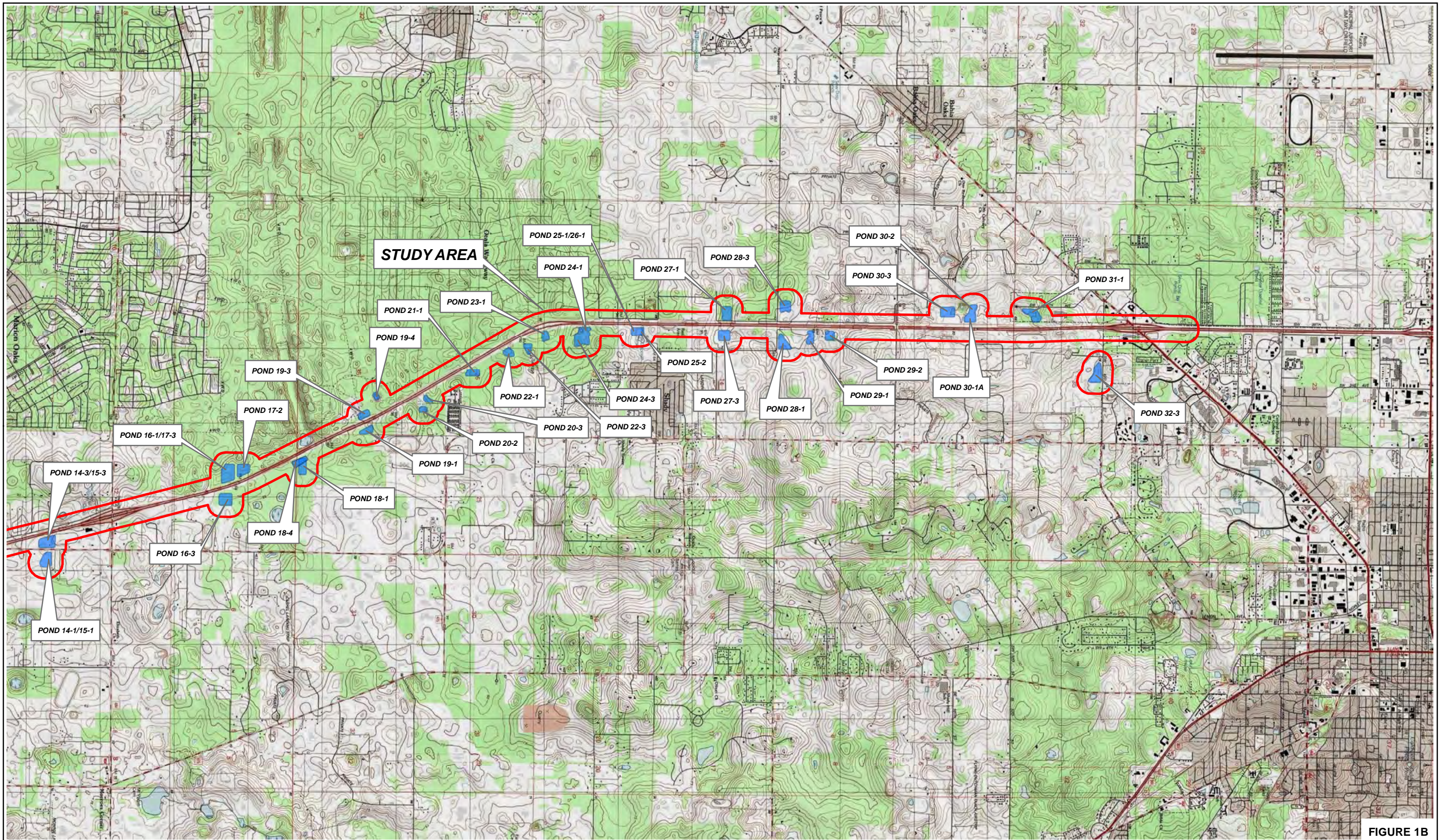
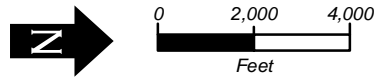


FIGURE 1B

USGS Wildwood, Oxford, Lake panasoffkee NW, Shady, Ocala West, FL Quadrangle Map  
 Dated: 1987



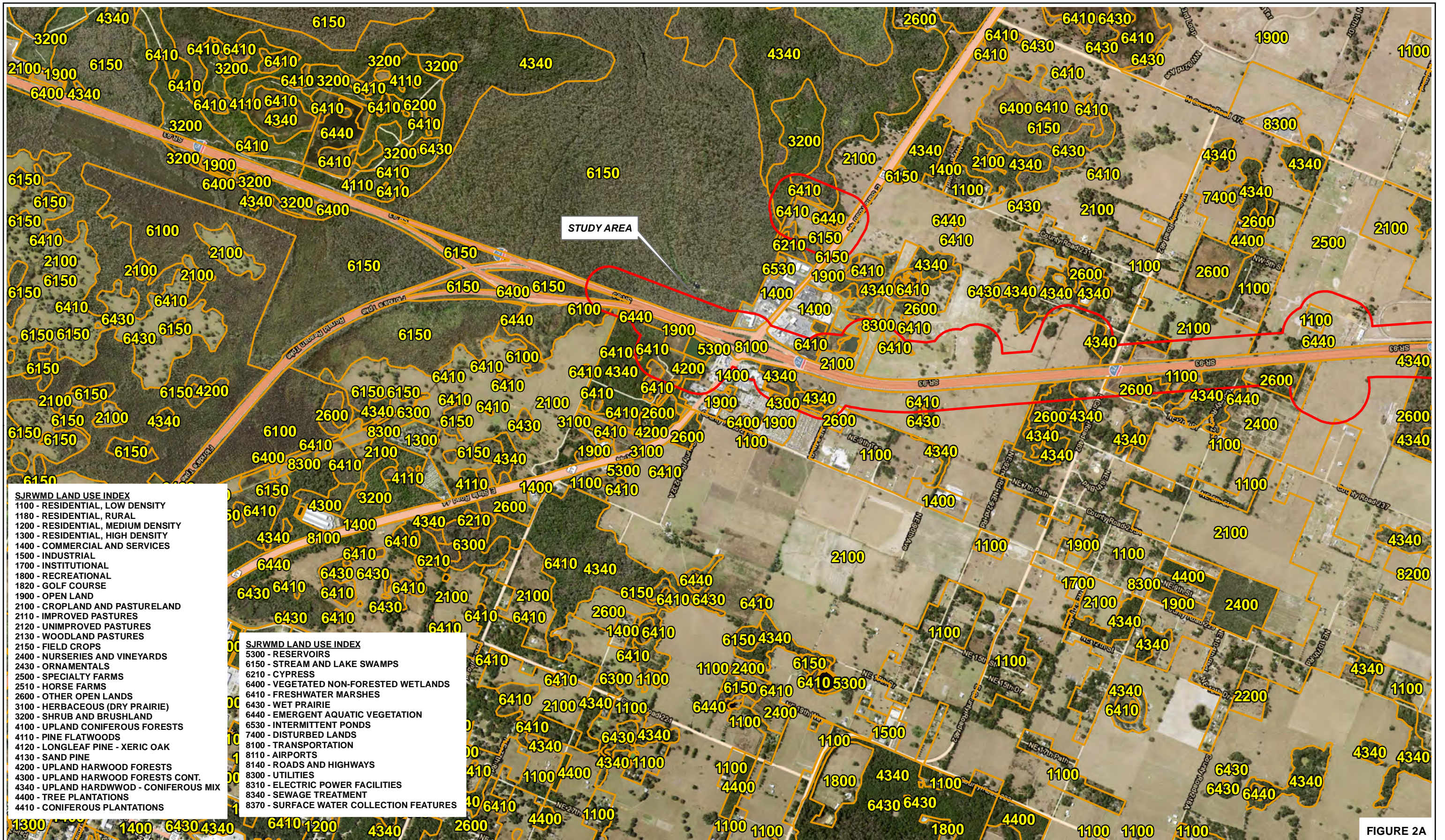
RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

USGS QUADRANGLE MAP

SHEET  
NO.

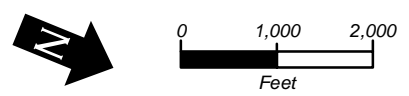




- SJRWMD LAND USE INDEX**
- 1100 - RESIDENTIAL, LOW DENSITY
  - 1180 - RESIDENTIAL, RURAL
  - 1200 - RESIDENTIAL, MEDIUM DENSITY
  - 1300 - RESIDENTIAL, HIGH DENSITY
  - 1400 - COMMERCIAL AND SERVICES
  - 1500 - INDUSTRIAL
  - 1700 - INSTITUTIONAL
  - 1800 - RECREATIONAL
  - 1820 - GOLF COURSE
  - 1900 - OPEN LAND
  - 2100 - CROPLAND AND PASTURELAND
  - 2110 - IMPROVED PASTURES
  - 2120 - UNIMPROVED PASTURES
  - 2130 - WOODLAND PASTURES
  - 2150 - FIELD CROPS
  - 2400 - NURSERIES AND VINEYARDS
  - 2430 - ORNAMENTALS
  - 2500 - SPECIALTY FARMS
  - 2510 - HORSE FARMS
  - 2600 - OTHER OPEN LANDS
  - 3100 - HERBACEOUS (DRY PRAIRIE)
  - 3200 - SHRUB AND BRUSHLAND
  - 4100 - UPLAND CONIFEROUS FORESTS
  - 4110 - PINE FLATWOODS
  - 4120 - LONGLEAF PINE - XERIC OAK
  - 4130 - SAND PINE
  - 4200 - UPLAND HARDWOOD FORESTS
  - 4300 - UPLAND HARDWOOD FORESTS CONT.
  - 4340 - UPLAND HARDWOOD - CONIFEROUS MIX
  - 4400 - TREE PLANTATIONS
  - 4410 - CONIFEROUS PLANTATIONS

- SJRWMD LAND USE INDEX**
- 5300 - RESERVOIRS
  - 6150 - STREAM AND LAKE SWAMPS
  - 6210 - CYPRESS
  - 6400 - VEGETATED NON-FORESTED WETLANDS
  - 6410 - FRESHWATER MARSHES
  - 6430 - WET PRAIRIE
  - 6440 - EMERGENT AQUATIC VEGETATION
  - 6530 - INTERMITTENT PONDS
  - 7400 - DISTURBED LANDS
  - 8100 - TRANSPORTATION
  - 8110 - AIRPORTS
  - 8140 - ROADS AND HIGHWAYS
  - 8300 - UTILITIES
  - 8310 - ELECTRIC POWER FACILITIES
  - 8340 - SEWAGE TREATMENT
  - 8370 - SURFACE WATER COLLECTION FEATURES

FIGURE 2A

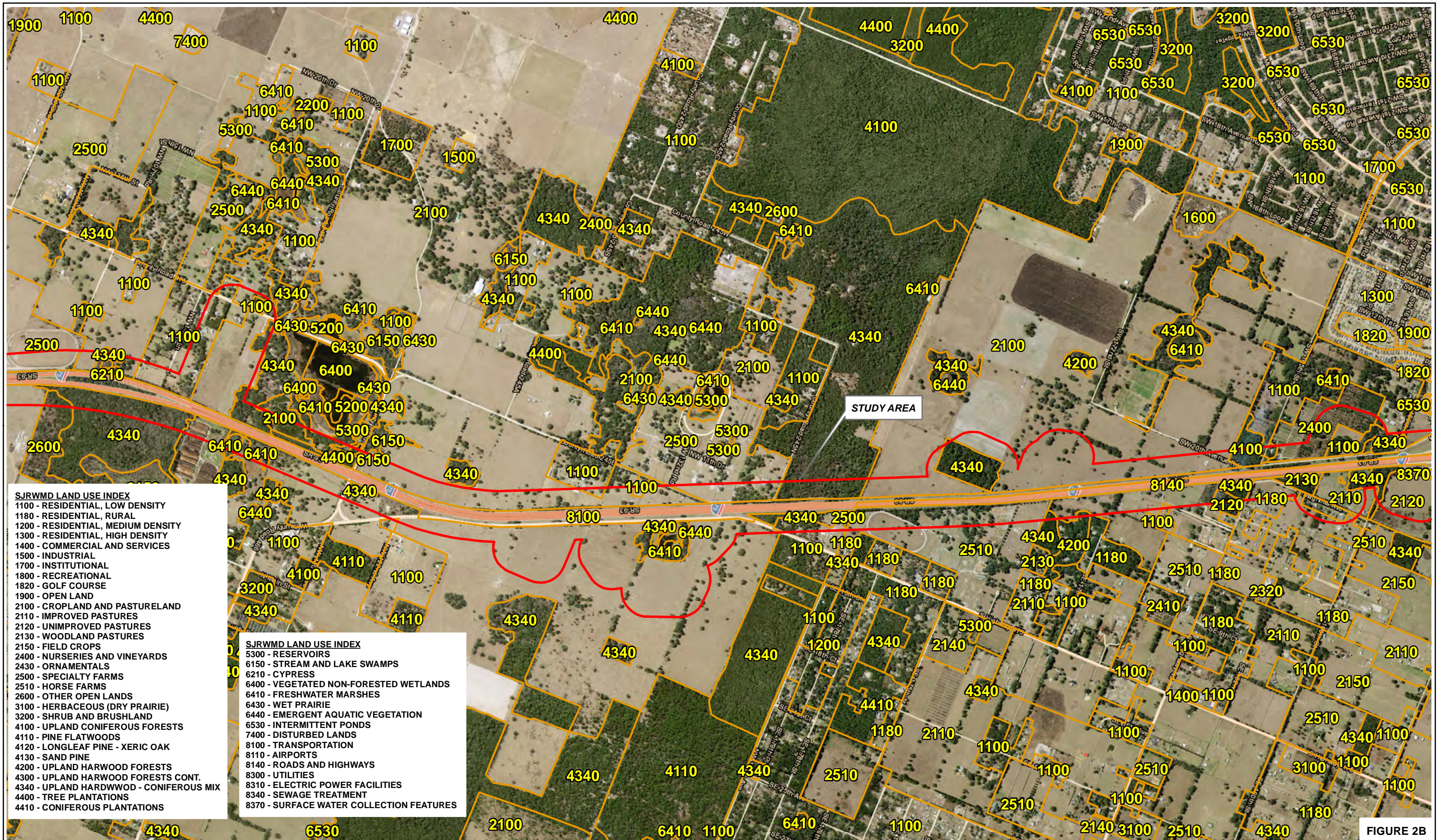


RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

*SJRWMD LAND USE MAP*

SHEET  
NO.

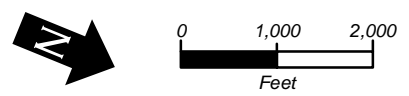


- SJRWMD LAND USE INDEX**
- 1100 - RESIDENTIAL, LOW DENSITY
  - 1180 - RESIDENTIAL, RURAL
  - 1200 - RESIDENTIAL, MEDIUM DENSITY
  - 1300 - RESIDENTIAL, HIGH DENSITY
  - 1400 - COMMERCIAL AND SERVICES
  - 1500 - INDUSTRIAL
  - 1700 - INSTITUTIONAL
  - 1800 - RECREATIONAL
  - 1820 - GOLF COURSE
  - 1900 - OPEN LAND
  - 2100 - CROPLAND AND PASTURELAND
  - 2110 - IMPROVED PASTURES
  - 2120 - UNIMPROVED PASTURES
  - 2130 - WOODLAND PASTURES
  - 2150 - FIELD CROPS
  - 2400 - NURSERIES AND VINEYARDS
  - 2430 - ORNAMENTALS
  - 2500 - SPECIALTY FARMS
  - 2510 - HORSE FARMS
  - 2600 - OTHER OPEN LANDS
  - 3100 - HERBACEOUS (DRY PRAIRIE)
  - 3200 - SHRUB AND BRUSHLAND
  - 4100 - UPLAND CONIFEROUS FORESTS
  - 4110 - PINE FLATWOODS
  - 4120 - LONGLEAF PINE - XERIC OAK
  - 4130 - SAND PINE
  - 4200 - UPLAND HARDWOOD FORESTS
  - 4300 - UPLAND HARDWOOD FORESTS CONT.
  - 4340 - UPLAND HARDWOOD - CONIFEROUS MIX
  - 4400 - TREE PLANTATIONS
  - 4410 - CONIFEROUS PLANTATIONS

- SJRWMD LAND USE INDEX**
- 5300 - RESERVOIRS
  - 6150 - STREAM AND LAKE SWAMPS
  - 6210 - CYPRESS
  - 6400 - VEGETATED NON-FORESTED WETLANDS
  - 6410 - FRESHWATER MARSHES
  - 6430 - WET PRAIRIE
  - 6440 - EMERGENT AQUATIC VEGETATION
  - 6530 - INTERMITTENT PONDS
  - 7400 - DISTURBED LANDS
  - 8100 - TRANSPORTATION
  - 8110 - AIRPORTS
  - 8140 - ROADS AND HIGHWAYS
  - 8300 - UTILITIES
  - 8310 - ELECTRIC POWER FACILITIES
  - 8340 - SEWAGE TREATMENT
  - 8370 - SURFACE WATER COLLECTION FEATURES

STUDY AREA

FIGURE 2B

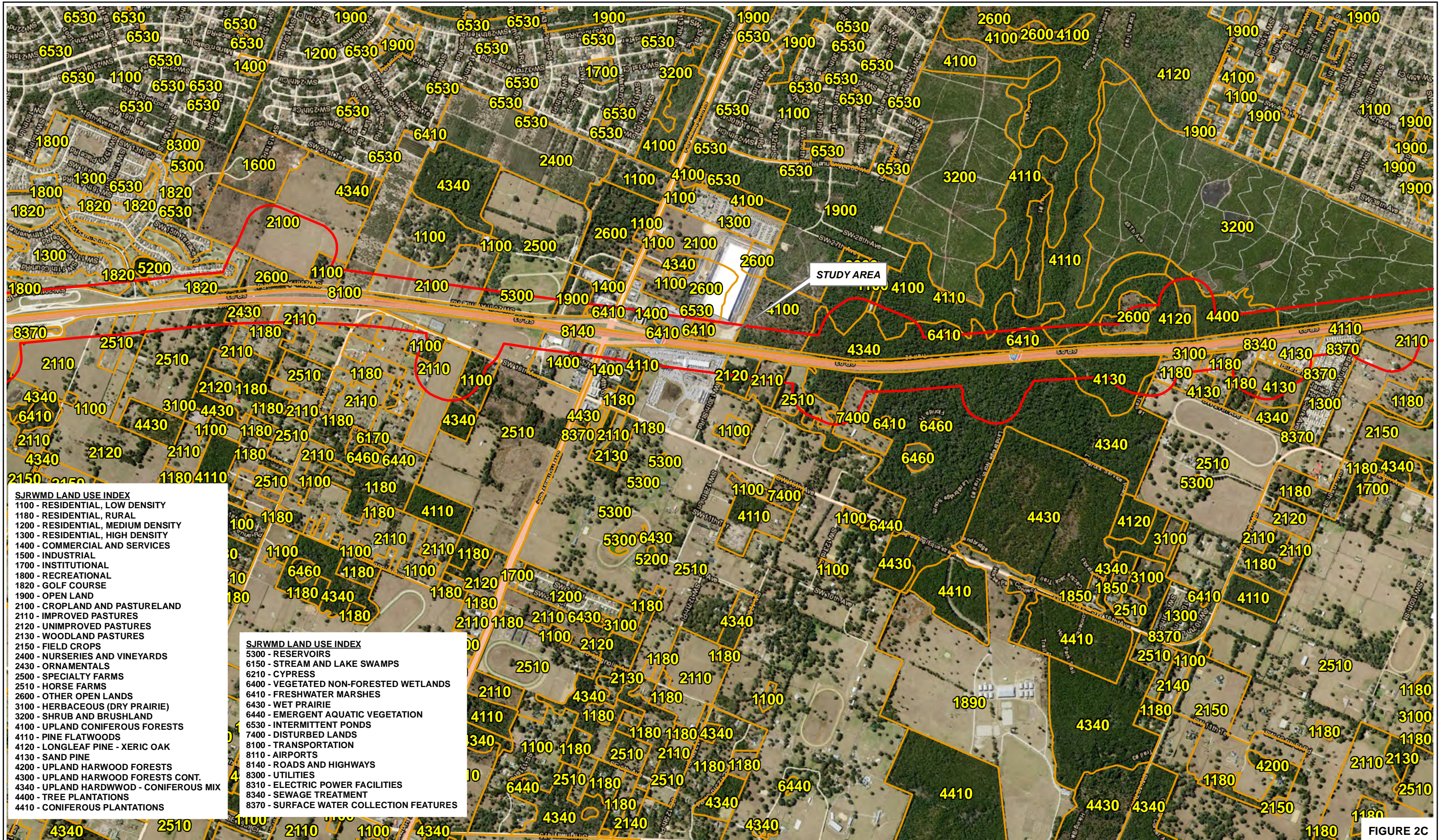


RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

SJRWMD LAND USE MAP

SHEET NO.



- SJRWMD LAND USE INDEX**
- 1100 - RESIDENTIAL, LOW DENSITY
  - 1180 - RESIDENTIAL, RURAL
  - 1200 - RESIDENTIAL, MEDIUM DENSITY
  - 1300 - RESIDENTIAL, HIGH DENSITY
  - 1400 - COMMERCIAL AND SERVICES
  - 1500 - INDUSTRIAL
  - 1700 - INSTITUTIONAL
  - 1800 - RECREATIONAL
  - 1820 - GOLF COURSE
  - 1900 - OPEN LAND
  - 2100 - CROPLAND AND PASTURELAND
  - 2110 - IMPROVED PASTURES
  - 2120 - UNIMPROVED PASTURES
  - 2130 - WOODLAND PASTURES
  - 2150 - FIELD CROPS
  - 2400 - NURSERIES AND VINEYARDS
  - 2430 - ORNAMENTALS
  - 2500 - SPECIALTY FARMS
  - 2510 - HORSE FARMS
  - 2600 - OTHER OPEN LANDS
  - 3100 - HERBACEOUS (DRY PRAIRIE)
  - 3200 - SHRUB AND BRUSHLAND
  - 4100 - UPLAND CONIFEROUS FORESTS
  - 4110 - PINE FLATWOODS
  - 4120 - LONGLEAF PINE - XERIC OAK
  - 4130 - SAND PINE
  - 4200 - UPLAND HARWOOD FORESTS
  - 4300 - UPLAND HARWOOD FORESTS CONT.
  - 4340 - UPLAND HARDWOOD - CONIFEROUS MIX
  - 4400 - TREE PLANTATIONS
  - 4410 - CONIFEROUS PLANTATIONS

- SJRWMD LAND USE INDEX**
- 5300 - RESERVOIRS
  - 6150 - STREAM AND LAKE SWAMPS
  - 6210 - CYPRESS
  - 6400 - VEGETATED NON-FORESTED WETLANDS
  - 6410 - FRESHWATER MARSHES
  - 6430 - WET PRAIRIE
  - 6440 - EMERGENT AQUATIC VEGETATION
  - 6530 - INTERMITTENT PONDS
  - 7400 - DISTURBED LANDS
  - 8100 - TRANSPORTATION
  - 8110 - AIRPORTS
  - 8140 - ROADS AND HIGHWAYS
  - 8300 - UTILITIES
  - 8310 - ELECTRIC POWER FACILITIES
  - 8340 - SEWAGE TREATMENT
  - 8370 - SURFACE WATER COLLECTION FEATURES

FIGURE 2C

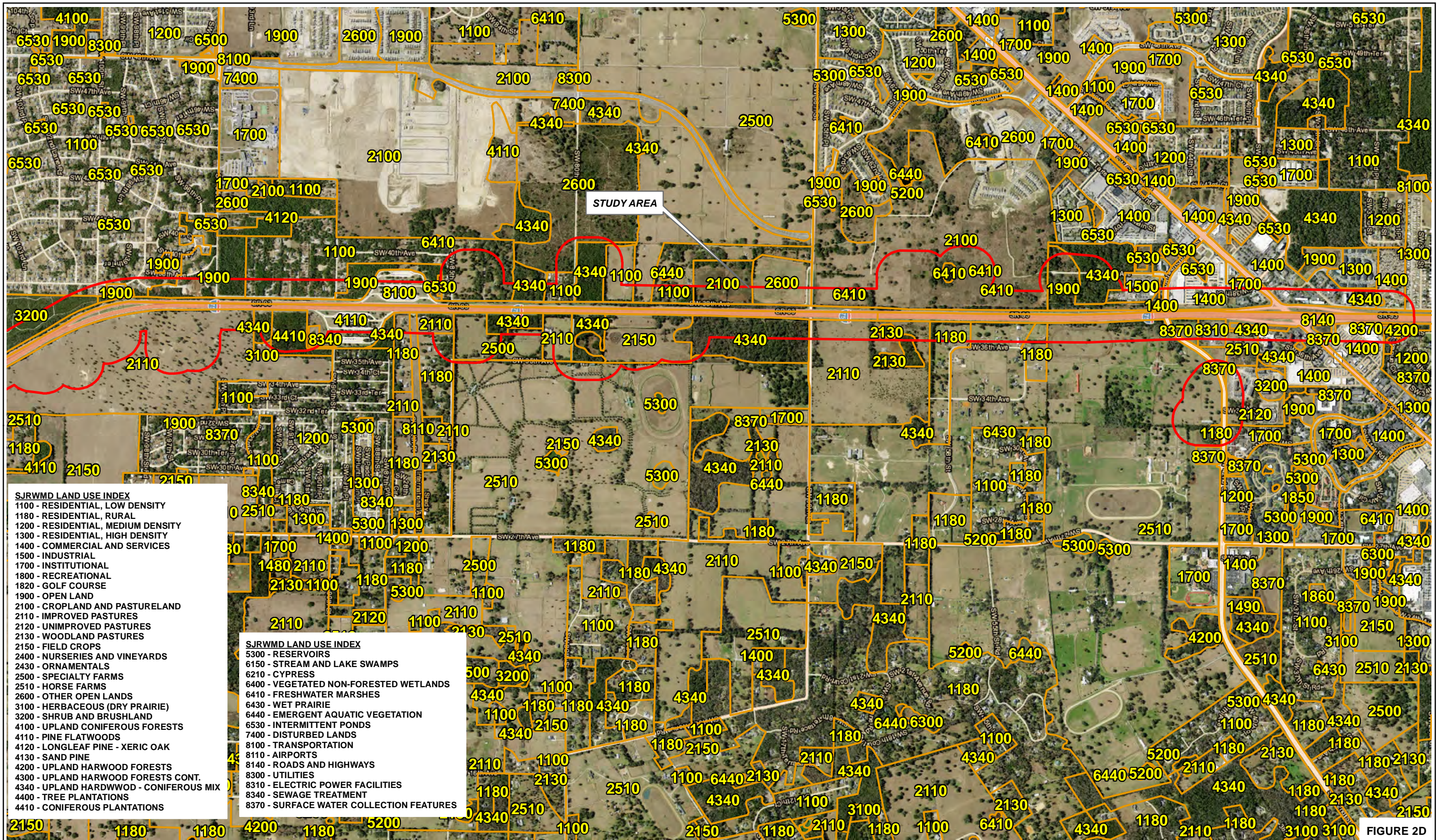


RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

SJRWMD LAND USE MAP

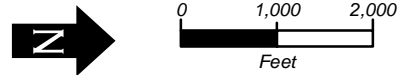
SHEET NO.



- SJRWMD LAND USE INDEX**
- 1100 - RESIDENTIAL, LOW DENSITY
  - 1180 - RESIDENTIAL, RURAL
  - 1200 - RESIDENTIAL, MEDIUM DENSITY
  - 1300 - RESIDENTIAL, HIGH DENSITY
  - 1400 - COMMERCIAL AND SERVICES
  - 1500 - INDUSTRIAL
  - 1700 - INSTITUTIONAL
  - 1800 - RECREATIONAL
  - 1820 - GOLF COURSE
  - 1900 - OPEN LAND
  - 2100 - CROPLAND AND PASTURELAND
  - 2110 - IMPROVED PASTURES
  - 2120 - UNIMPROVED PASTURES
  - 2130 - WOODLAND PASTURES
  - 2150 - FIELD CROPS
  - 2400 - NURSERIES AND VINEYARDS
  - 2430 - ORNAMENTALS
  - 2500 - SPECIALTY FARMS
  - 2510 - HORSE FARMS
  - 2600 - OTHER OPEN LANDS
  - 3100 - HERBACEOUS (DRY PRAIRIE)
  - 3200 - SHRUB AND BRUSHLAND
  - 4100 - UPLAND CONIFEROUS FORESTS
  - 4110 - PINE FLATWOODS
  - 4120 - LONGLEAF PINE - XERIC OAK
  - 4130 - SAND PINE
  - 4200 - UPLAND HARWOOD FORESTS
  - 4300 - UPLAND HARWOOD FORESTS CONT.
  - 4340 - UPLAND HARDWOOD - CONIFEROUS MIX
  - 4400 - TREE PLANTATIONS
  - 4410 - CONIFEROUS PLANTATIONS

- SJRWMD LAND USE INDEX**
- 5300 - RESERVOIRS
  - 6150 - STREAM AND LAKE SWAMPS
  - 6210 - CYPRESS
  - 6400 - VEGETATED NON-FORESTED WETLANDS
  - 6410 - FRESHWATER MARSHES
  - 6430 - WET PRAIRIE
  - 6440 - EMERGENT AQUATIC VEGETATION
  - 6530 - INTERMITTENT PONDS
  - 7400 - DISTURBED LANDS
  - 8100 - TRANSPORTATION
  - 8110 - AIRPORTS
  - 8140 - ROADS AND HIGHWAYS
  - 8300 - UTILITIES
  - 8310 - ELECTRIC POWER FACILITIES
  - 8340 - SEWAGE TREATMENT
  - 8370 - SURFACE WATER COLLECTION FEATURES

FIGURE 2D



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

*SJRWMD LAND USE MAP*

SHEET NO.

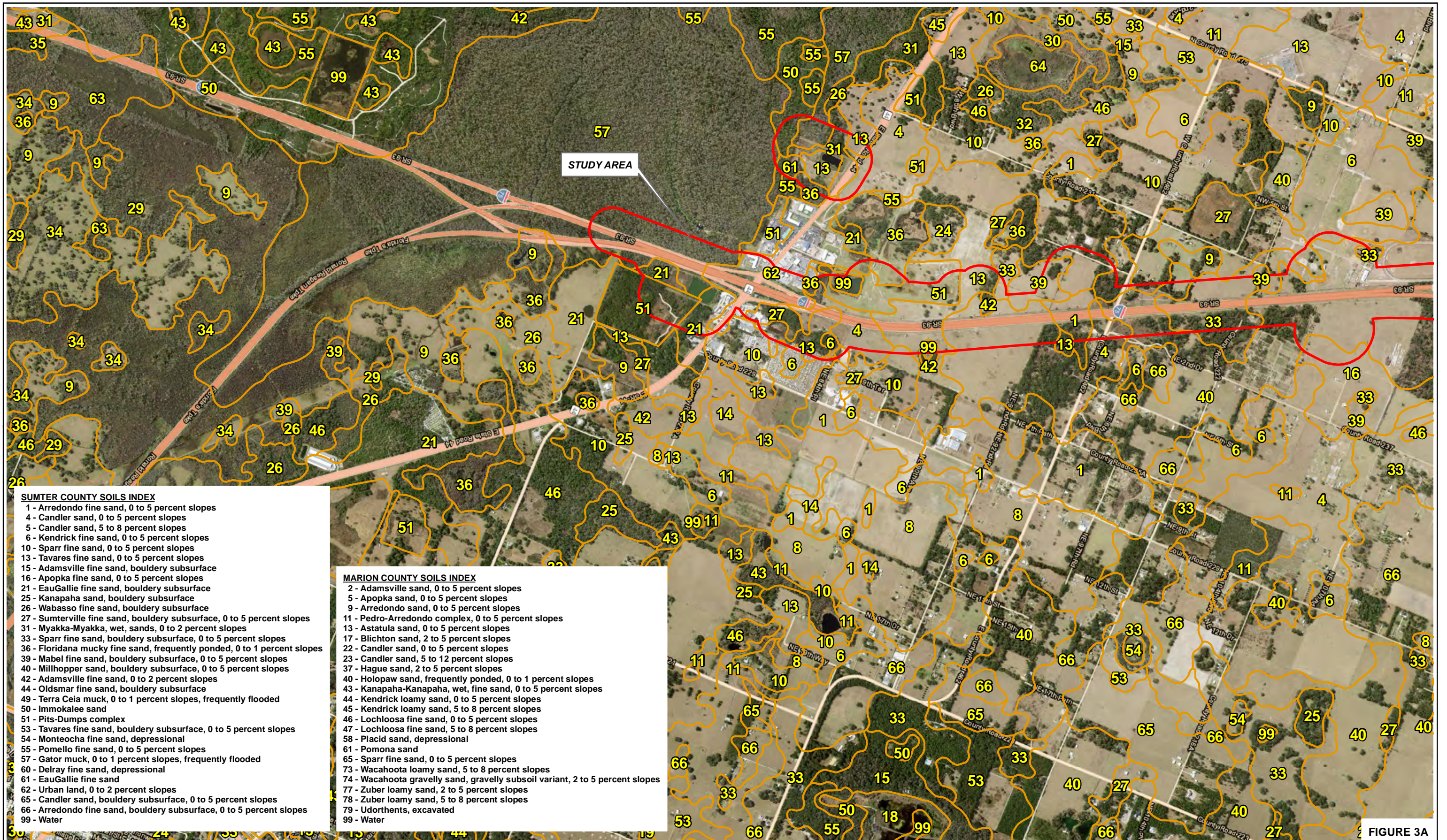
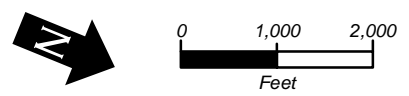


FIGURE 3A



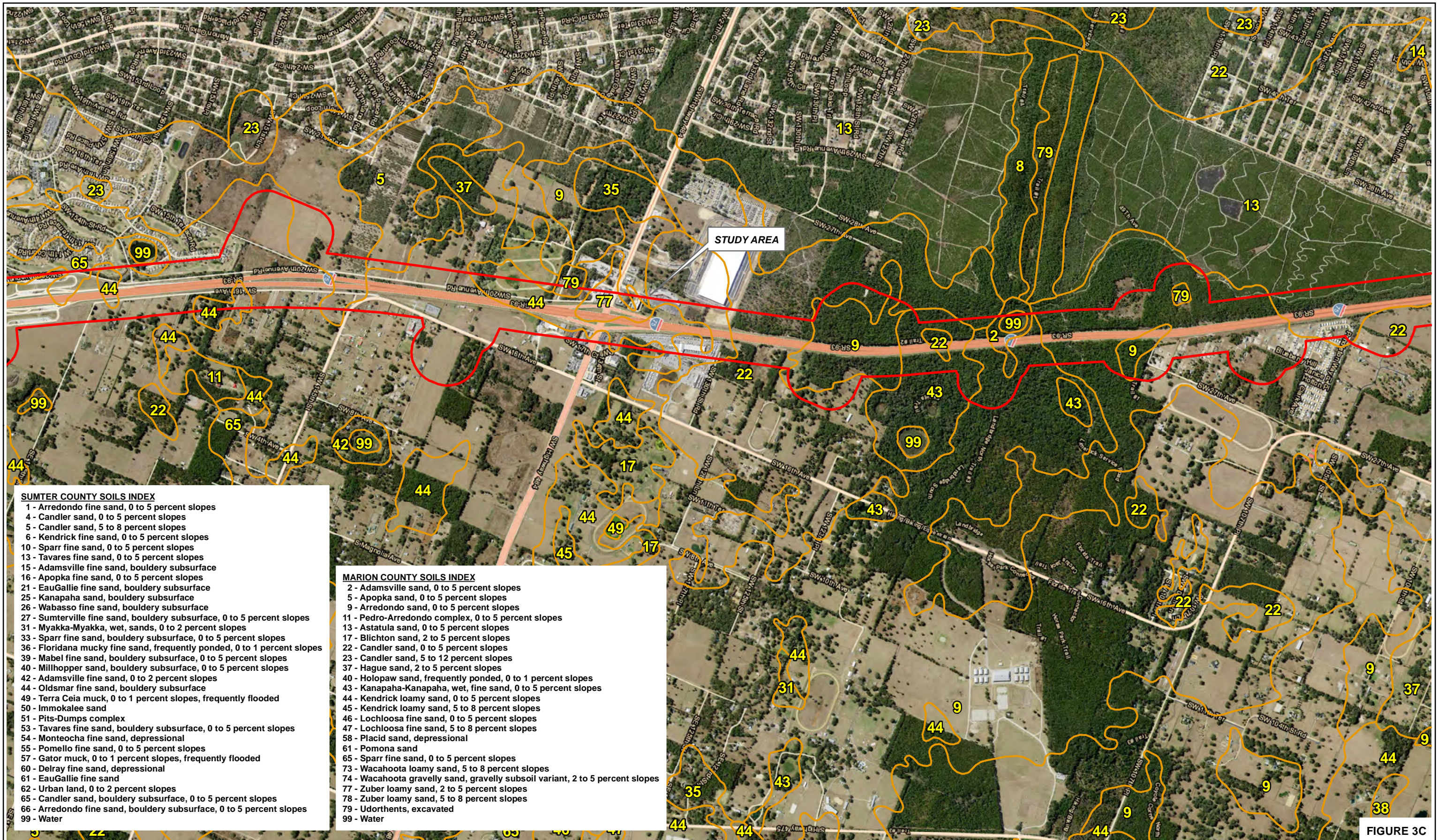
RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

NRCS SOIL SURVEY MAP

SHEET NO.





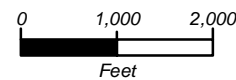
**SUMTER COUNTY SOILS INDEX**

- 1 - Arredondo fine sand, 0 to 5 percent slopes
- 4 - Candler sand, 0 to 5 percent slopes
- 5 - Candler sand, 5 to 8 percent slopes
- 6 - Kendrick fine sand, 0 to 5 percent slopes
- 10 - Sparr fine sand, 0 to 5 percent slopes
- 13 - Tavares fine sand, 0 to 5 percent slopes
- 15 - Adamsville fine sand, bouldery subsurface
- 16 - Apopka fine sand, 0 to 5 percent slopes
- 21 - EauGallie fine sand, bouldery subsurface
- 25 - Kanapaha sand, bouldery subsurface
- 26 - Wabasso fine sand, bouldery subsurface
- 27 - Sumterville fine sand, bouldery subsurface, 0 to 5 percent slopes
- 31 - Myakka-Myakka, wet, sands, 0 to 2 percent slopes
- 33 - Sparr fine sand, bouldery subsurface, 0 to 5 percent slopes
- 36 - Floridana mucky fine sand, frequently ponded, 0 to 1 percent slopes
- 39 - Mabel fine sand, bouldery subsurface, 0 to 5 percent slopes
- 40 - Millhopper sand, bouldery subsurface, 0 to 5 percent slopes
- 42 - Adamsville fine sand, 0 to 2 percent slopes
- 44 - Oldsmar fine sand, bouldery subsurface
- 49 - Terra Ceia muck, 0 to 1 percent slopes, frequently flooded
- 50 - Immokalee sand
- 51 - Pits-Dumps complex
- 53 - Tavares fine sand, bouldery subsurface, 0 to 5 percent slopes
- 54 - Monteocha fine sand, depressional
- 55 - Pomello fine sand, 0 to 5 percent slopes
- 57 - Gator muck, 0 to 1 percent slopes, frequently flooded
- 60 - Delray fine sand, depressional
- 61 - EauGallie fine sand
- 62 - Urban land, 0 to 2 percent slopes
- 65 - Candler sand, bouldery subsurface, 0 to 5 percent slopes
- 66 - Arredondo fine sand, bouldery subsurface, 0 to 5 percent slopes
- 99 - Water

**MARION COUNTY SOILS INDEX**

- 2 - Adamsville sand, 0 to 5 percent slopes
- 5 - Apopka sand, 0 to 5 percent slopes
- 9 - Arredondo sand, 0 to 5 percent slopes
- 11 - Pedro-Arredondo complex, 0 to 5 percent slopes
- 13 - Astatula sand, 0 to 5 percent slopes
- 17 - Blythe sand, 2 to 5 percent slopes
- 22 - Candler sand, 0 to 5 percent slopes
- 37 - Hague sand, 2 to 5 percent slopes
- 40 - Holopaw sand, frequently ponded, 0 to 1 percent slopes
- 43 - Kanapaha-Kanapaha, wet, fine sand, 0 to 5 percent slopes
- 44 - Kendrick loamy sand, 0 to 5 percent slopes
- 45 - Kendrick loamy sand, 5 to 8 percent slopes
- 46 - Lochloosa fine sand, 0 to 5 percent slopes
- 47 - Lochloosa fine sand, 5 to 8 percent slopes
- 58 - Placid sand, depressional
- 61 - Pomona sand
- 65 - Sparr fine sand, 0 to 5 percent slopes
- 73 - Wacahoota loamy sand, 5 to 8 percent slopes
- 74 - Wacahoota gravelly sand, gravelly subsoil variant, 2 to 5 percent slopes
- 77 - Zuber loamy sand, 2 to 5 percent slopes
- 78 - Zuber loamy sand, 5 to 8 percent slopes
- 79 - Udorthents, excavated
- 99 - Water

**FIGURE 3C**

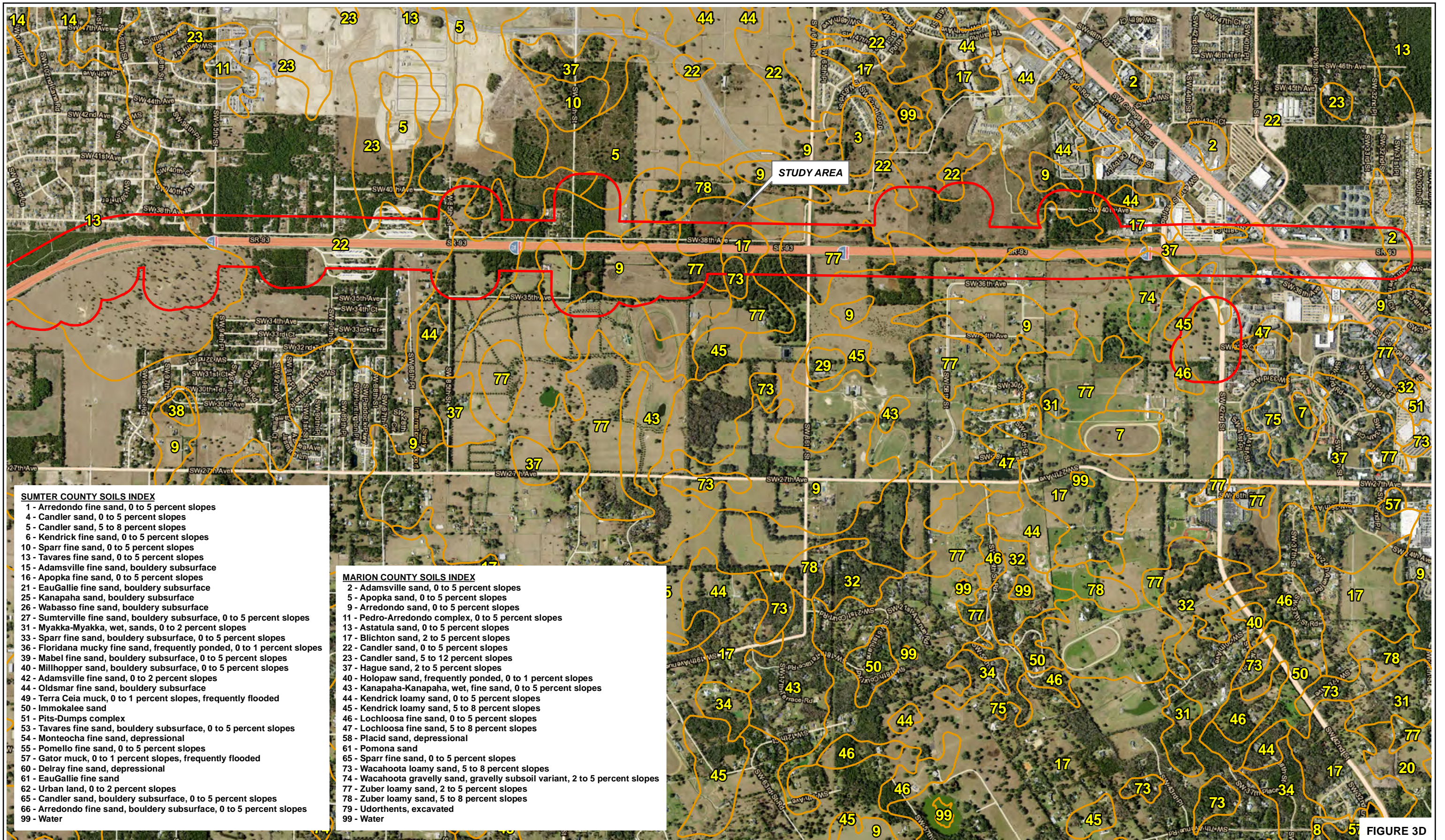


RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

**NRCS SOIL SURVEY MAP**

SHEET  
NO.



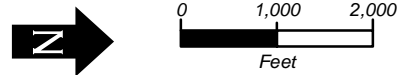
**SUMTER COUNTY SOILS INDEX**

- 1 - Arredondo fine sand, 0 to 5 percent slopes
- 4 - Candler sand, 0 to 5 percent slopes
- 5 - Candler sand, 5 to 8 percent slopes
- 6 - Kendrick fine sand, 0 to 5 percent slopes
- 10 - Sparr fine sand, 0 to 5 percent slopes
- 13 - Tavares fine sand, 0 to 5 percent slopes
- 15 - Adamsville fine sand, bouldery subsurface
- 16 - Apopka fine sand, 0 to 5 percent slopes
- 21 - EauGallie fine sand, bouldery subsurface
- 25 - Kanapaha sand, bouldery subsurface
- 26 - Wabasso fine sand, bouldery subsurface
- 27 - Sumterville fine sand, bouldery subsurface, 0 to 5 percent slopes
- 31 - Myakka-Myakka, wet, sands, 0 to 2 percent slopes
- 33 - Sparr fine sand, bouldery subsurface, 0 to 5 percent slopes
- 36 - Floridana mucky fine sand, frequently ponded, 0 to 1 percent slopes
- 39 - Mabel fine sand, bouldery subsurface, 0 to 5 percent slopes
- 40 - Millhopper sand, bouldery subsurface, 0 to 5 percent slopes
- 42 - Adamsville fine sand, 0 to 2 percent slopes
- 44 - Oldsmar fine sand, bouldery subsurface
- 49 - Terra Ceia muck, 0 to 1 percent slopes, frequently flooded
- 50 - Immokalee sand
- 51 - Pits-Dumps complex
- 53 - Tavares fine sand, bouldery subsurface, 0 to 5 percent slopes
- 54 - Monteocha fine sand, depressional
- 55 - Pomello fine sand, 0 to 5 percent slopes
- 57 - Gator muck, 0 to 1 percent slopes, frequently flooded
- 60 - Delray fine sand, depressional
- 61 - EauGallie fine sand
- 62 - Urban land, 0 to 2 percent slopes
- 65 - Candler sand, bouldery subsurface, 0 to 5 percent slopes
- 66 - Arredondo fine sand, bouldery subsurface, 0 to 5 percent slopes
- 99 - Water

**MARION COUNTY SOILS INDEX**

- 2 - Adamsville sand, 0 to 5 percent slopes
- 5 - Apopka sand, 0 to 5 percent slopes
- 9 - Arredondo sand, 0 to 5 percent slopes
- 11 - Pedro-Arredondo complex, 0 to 5 percent slopes
- 13 - Astatula sand, 0 to 5 percent slopes
- 17 - Blythe sand, 2 to 5 percent slopes
- 22 - Candler sand, 0 to 5 percent slopes
- 23 - Candler sand, 5 to 12 percent slopes
- 37 - Hague sand, 2 to 5 percent slopes
- 40 - Holopaw sand, frequently ponded, 0 to 1 percent slopes
- 43 - Kanapaha-Kanapaha, wet, fine sand, 0 to 5 percent slopes
- 44 - Kendrick loamy sand, 0 to 5 percent slopes
- 45 - Kendrick loamy sand, 5 to 8 percent slopes
- 46 - Lochloosa fine sand, 0 to 5 percent slopes
- 47 - Lochloosa fine sand, 5 to 8 percent slopes
- 58 - Placid sand, depressional
- 61 - Pomona sand
- 65 - Sparr fine sand, 0 to 5 percent slopes
- 73 - Wacahoota loamy sand, 5 to 8 percent slopes
- 74 - Wacahoota gravelly sand, gravelly subsoil variant, 2 to 5 percent slopes
- 77 - Zuber loamy sand, 2 to 5 percent slopes
- 78 - Zuber loamy sand, 5 to 8 percent slopes
- 79 - Udorthents, excavated
- 99 - Water

FIGURE 3D



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

**NRCS SOIL SURVEY MAP**

SHEET NO.



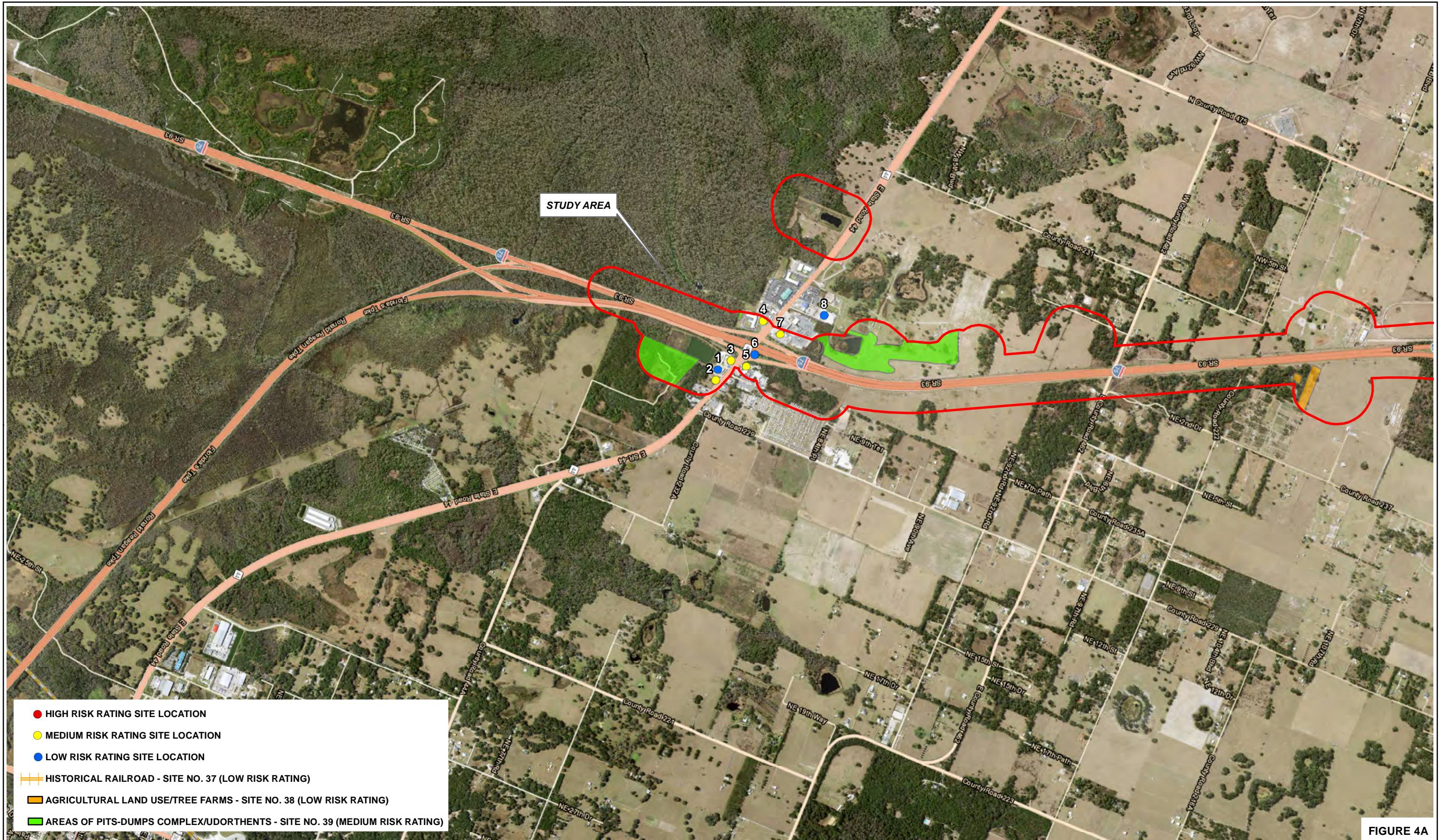
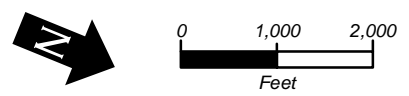


FIGURE 4A

- HIGH RISK RATING SITE LOCATION
- MEDIUM RISK RATING SITE LOCATION
- LOW RISK RATING SITE LOCATION
- HISTORICAL RAILROAD - SITE NO. 37 (LOW RISK RATING)
- AGRICULTURAL LAND USE/TREE FARMS - SITE NO. 38 (LOW RISK RATING)
- AREAS OF PITS-DUMPS COMPLEX/UDORTHENTS - SITE NO. 39 (MEDIUM RISK RATING)



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

**POTENTIAL CONTAMINATION SITE  
LOCATION MAP**

SHEET  
NO.

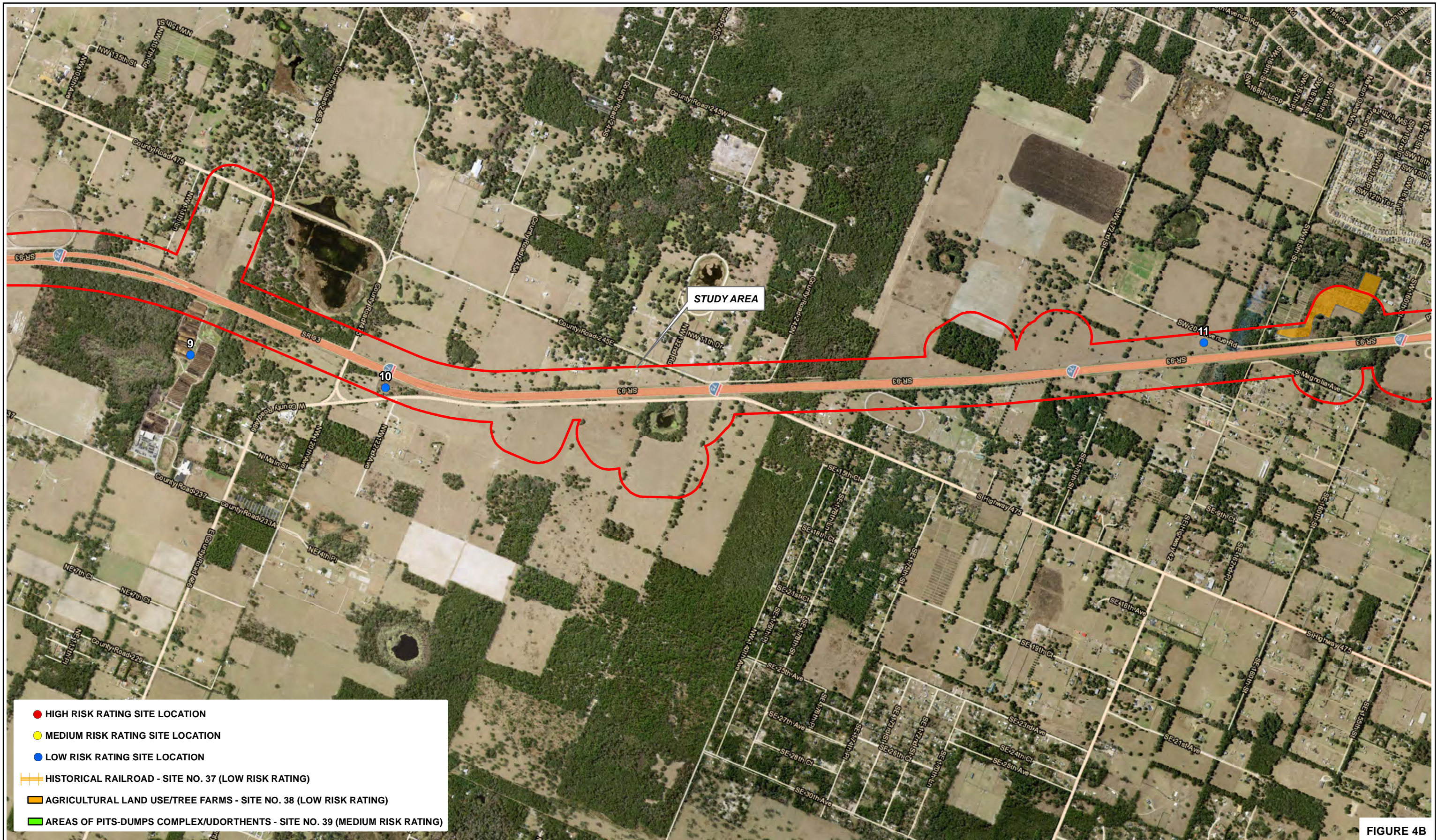
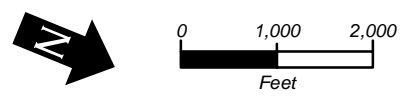


FIGURE 4B

- HIGH RISK RATING SITE LOCATION
- MEDIUM RISK RATING SITE LOCATION
- LOW RISK RATING SITE LOCATION
- HISTORICAL RAILROAD - SITE NO. 37 (LOW RISK RATING)
- AGRICULTURAL LAND USE/TREE FARMS - SITE NO. 38 (LOW RISK RATING)
- AREAS OF PITS-DUMPS COMPLEX/UDORTHENTS - SITE NO. 39 (MEDIUM RISK RATING)



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

POTENTIAL CONTAMINATION SITE  
LOCATION MAP

SHEET  
NO.

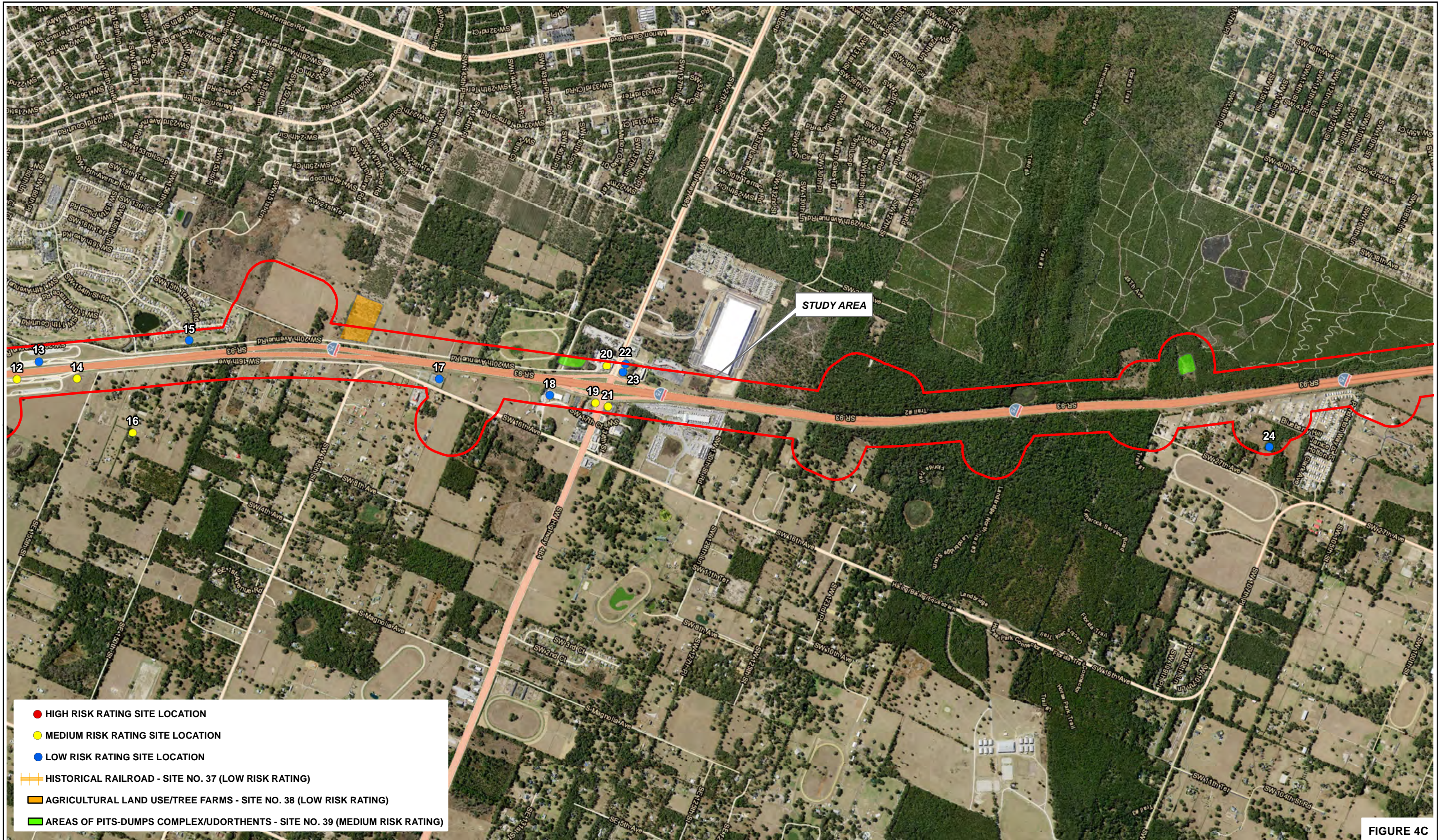
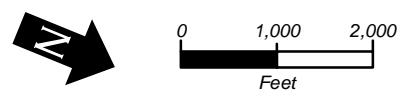


FIGURE 4C

- HIGH RISK RATING SITE LOCATION
- MEDIUM RISK RATING SITE LOCATION
- LOW RISK RATING SITE LOCATION
- HISTORICAL RAILROAD - SITE NO. 37 (LOW RISK RATING)
- AGRICULTURAL LAND USE/TREE FARMS - SITE NO. 38 (LOW RISK RATING)
- AREAS OF PITS-DUMPS COMPLEX/UDORTHENTS - SITE NO. 39 (MEDIUM RISK RATING)



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

**POTENTIAL CONTAMINATION SITE  
LOCATION MAP**

SHEET  
NO.

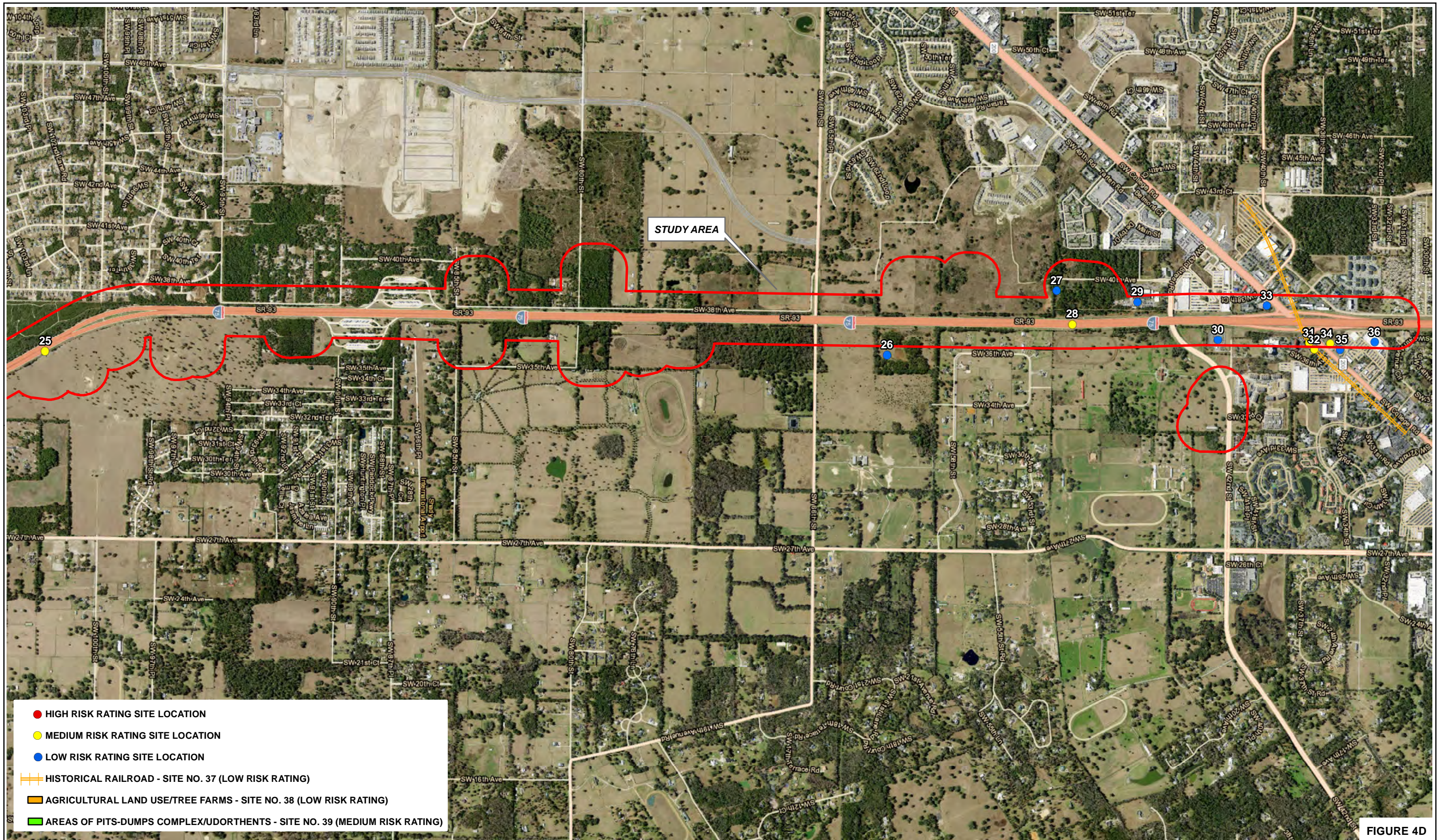


FIGURE 4D

 	RICHARD P. McCORMICK, P.G. P.G. LICENSE NUMBER 2096 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. 919 LAKE BALDWIN LANE ORLANDO, FL. 32814			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	<b>POTENTIAL CONTAMINATION SITE          LOCATION MAP</b>	SHEET NO.
	ROAD NO. I-75	COUNTY MARION SUMTER	FINANCIAL PROJECT ID 452074-2			

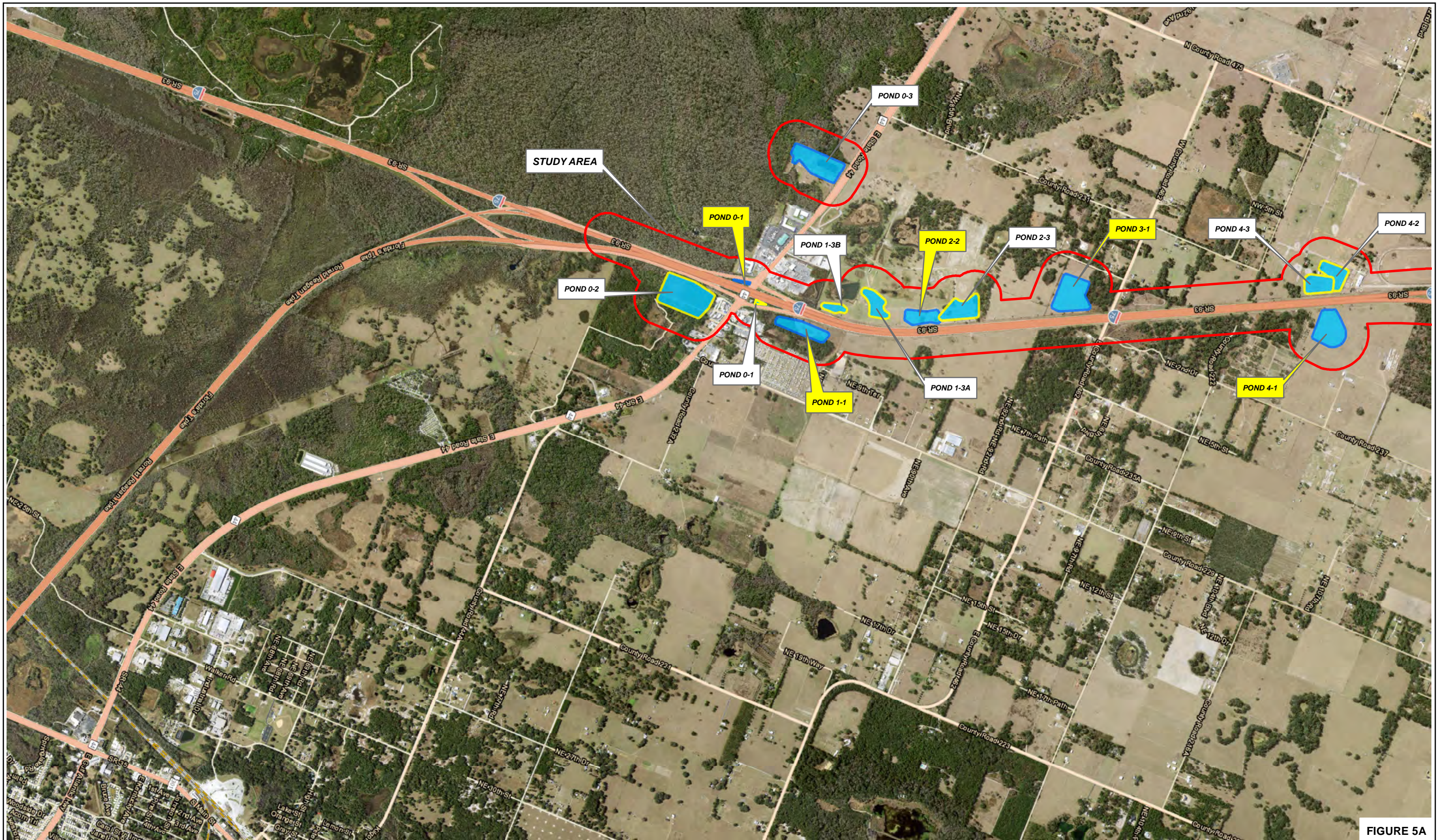
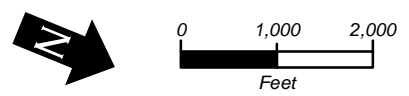


FIGURE 5A

- MEDIUM RISK POND
- LOW RISK POND
- PRIMARY POND SITE



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

POND SITE LOCATION MAP

SHEET NO.

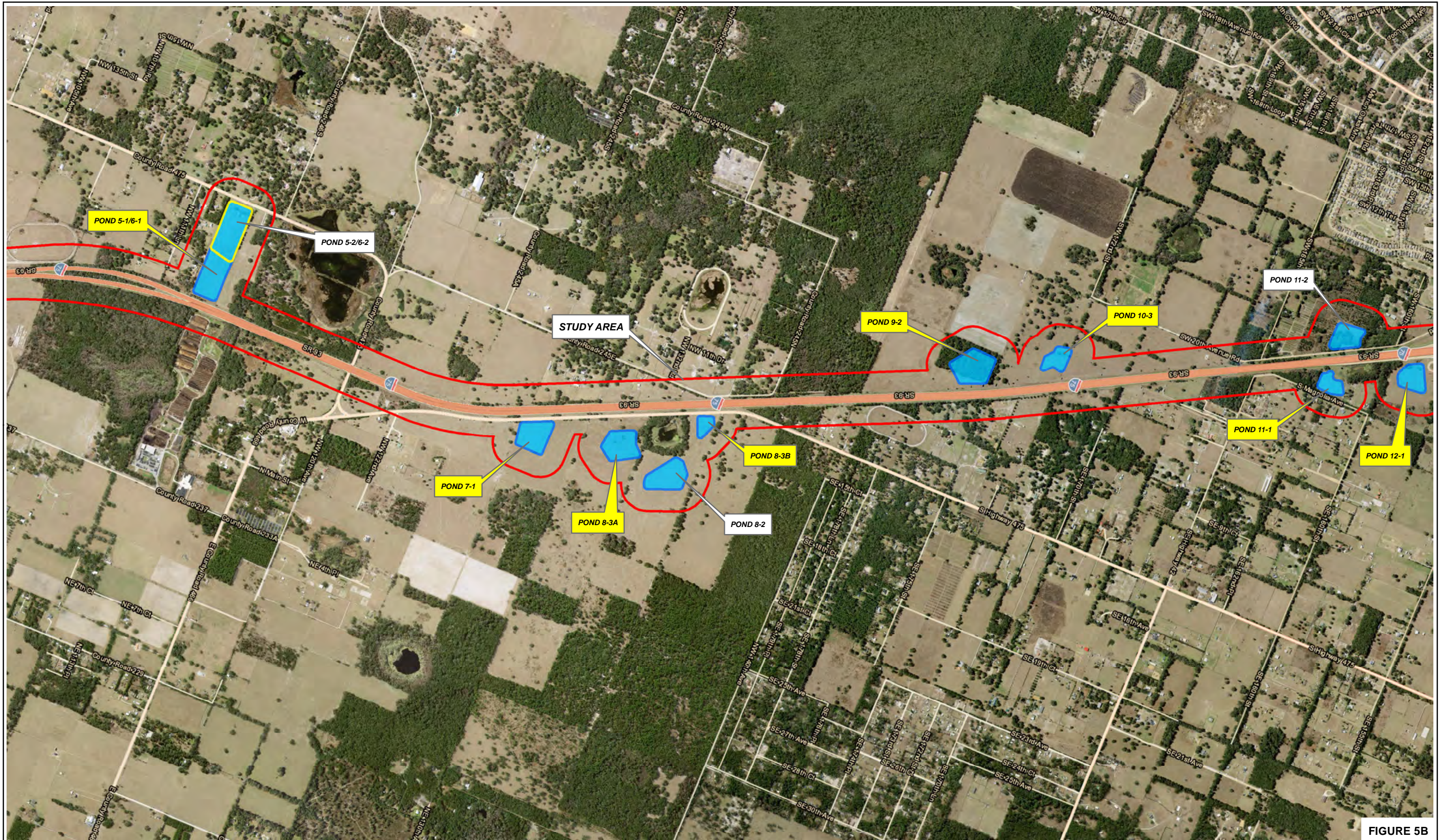
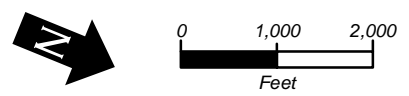


FIGURE 5B

- MEDIUM RISK POND
- LOW RISK POND
- PRIMARY POND SITE



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

POND SITE LOCATION MAP

SHEET NO.

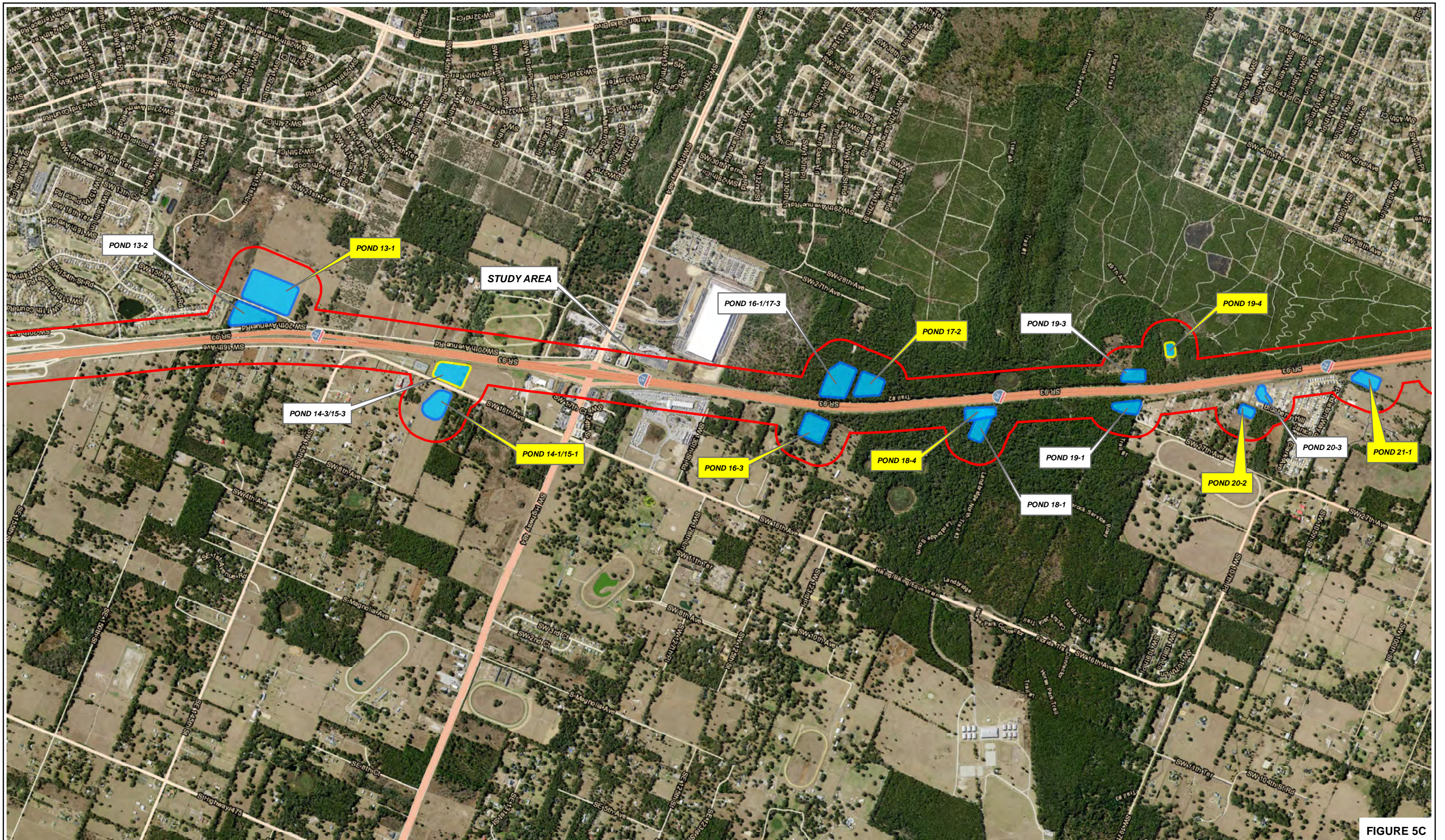
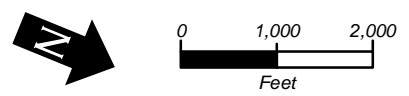


FIGURE 5C

- MEDIUM RISK POND
- LOW RISK POND
- PRIMARY POND SITE



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

POND SITE LOCATION MAP

SHEET NO.

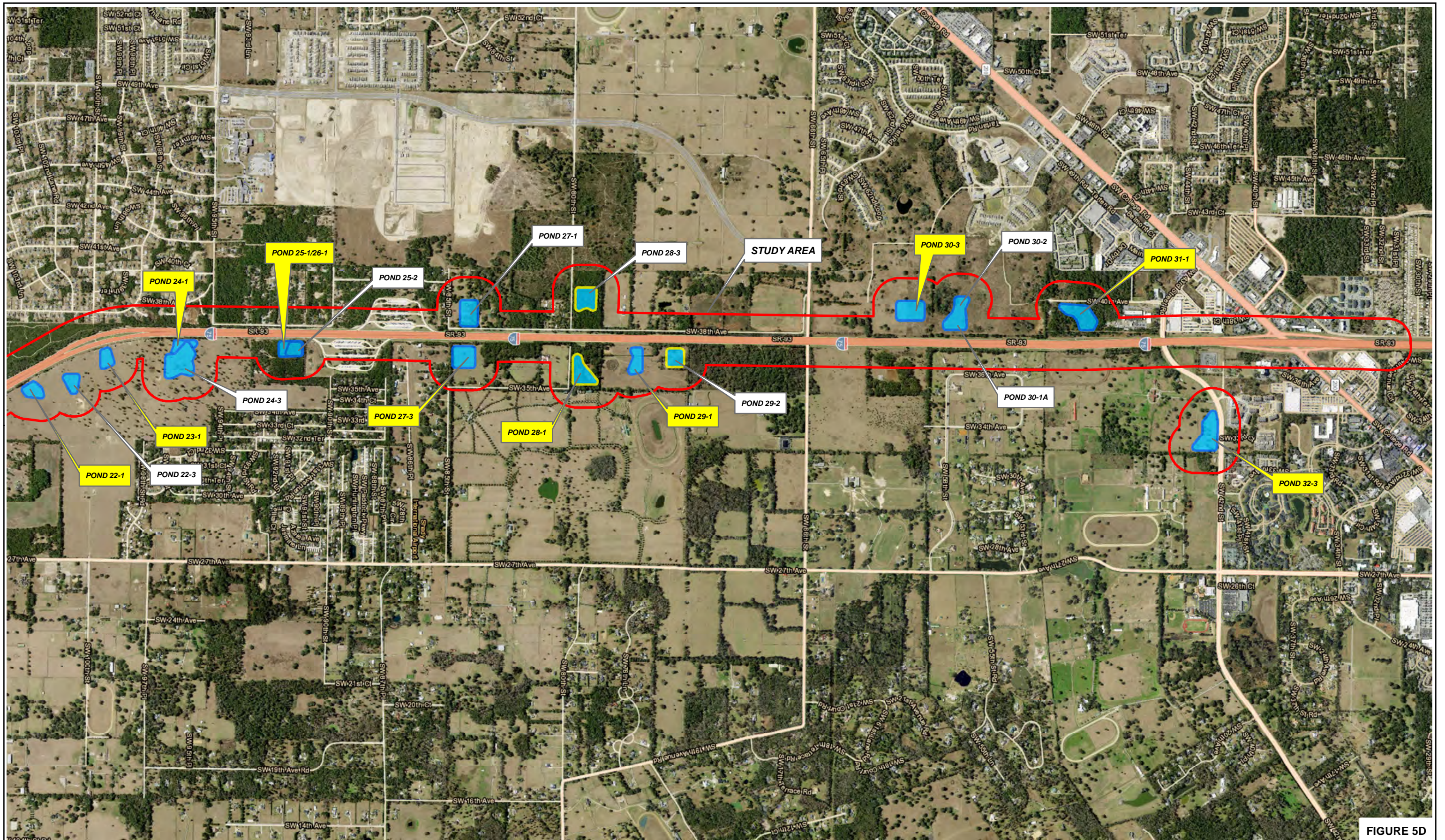
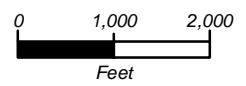


FIGURE 5D

- MEDIUM RISK POND
- LOW RISK POND
- PRIMARY POND SITE



RICHARD P. McCORMICK, P.G.  
 P.G. LICENSE NUMBER 2096  
 GEOTECHNICAL AND ENVIRONMENTAL  
 CONSULTANTS, INC.  
 919 LAKE BALDWIN LANE  
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
I-75	MARION SUMTER	452074-2

POND SITE LOCATION MAP

SHEET NO.



# **TABLES**

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>1</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>A Day In The Country Inc</b>				
Site Address	809 State Road 44				
Site Location	Southeast quadrant of the I-75 and SR 44 interchange				
Distance/Direction	About 575 feet east of I-75				
Facility ID Nos:	8628418				
Database Listings/Sources:	UST				
Historical Land Use	Gas Station				
Current Land Use	Restaurant				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
3	U	6,000	Unleaded Gas	Unk.	12/01/01
Discharge Date	07/20/88 12/20/01	Cleanup Date:	06/05/05		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** Discharges were reported at this site in July 1988 (No Cleanup Required status) and December 2001 following the removal of three underground storage tanks. About 84 tons of contaminated soil was removed from the site in April 2002. Follow-up sampling did not find any soil or groundwater exceedances and the site received a Site Rehabilitation Completion Order in June 2005.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site has been redeveloped with a fast-food restaurant.

**CONCLUSIONS:** Due to the Site Rehabilitation Completion Order, this site has been assigned a Contamination Risk Rating (CRR) of **Low**.



Looking north at the current fast food restaurant building.

Site No:	<b>2</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Apec-Treeline #842</b>				
Site Address	861 East Highway 44				
Site Location	Southeast quadrant of the I-75 and SR 44 interchange				
Distance/Direction	About 835 feet east of I-75				
Facility ID Nos:	8516810				
Database Listings/Sources:	LUST; UST; CLEANUP SITES; DWM CONTAM				
Historical Land Use	Gas Station				
Current Land Use	Vacant Building				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
3	U	6,000	Unleaded Gas	03/01/66	05/31/90
1	U	6,000	Leaded Gas	03/01/66	05/31/90
2	U	10,000	Unleaded Gas	05/01/90	12/01/08
1	U	10,000	Vehicle Diesel	05/01/90	12/01/08
1	U	12,000	Unleaded Gas	12/01/08	06/01/20
1	U	16,000	Vehicle Diesel	12/01/08	06/01/20
1	U	500	Waste Oil	05/01/90	12/01/08
Discharge Date	02/04/87	Cleanup Date:	Ongoing		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		YES		

**PUBLIC RECORDS:** A discharge was reported at this site in February 1987. About 1,000 tons of contaminated soil was removed from the site in May 1990 following underground storage tank removals. A Monitoring Only Plan was submitted in January 1994 but was denied. A Mini-Remedial Action Plan consisting of a pump and treat system was submitted in May 1994 but was never approved. A November 1997 Phase II Environmental Site Assessment found groundwater exceedances and a Monitoring Only Plan was implemented from April 2000 through December 2001. Natural Attenuation Monitoring (NAM) was performed from August 2004 through November 2006, from December 2008 through 2011, and from 2013 through 2022. A soil sampling event in 2018 did not find any soil exceedances above applicable cleanup target levels. Groundwater impacts are located at one well (OW-21DR) at a depth of 45-50 feet below the ground surface. An April 2022 Annual NAM Report found that benzene levels are decreasing, and recommended the continuation of semi-annual groundwater sampling.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site consists of a vacant building, fueling canopy, and four fueling pumps. The gas station is no longer in operation. Monitoring wells were observed throughout the site.

**CONCLUSIONS:** Due to existing impacts, this site has been assigned a CRR of **Medium**. Based on the depth to the groundwater impacts, they are not expected to affect this project.



Looking south at the former gas station and fueling pumps. A monitoring well is in the foreground.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>3</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Florida Citrus Center #400; Sunoco Service Station #06146419; Wareco Service Center #576</b>				
Site Address	753 East State Road 44/7993 Northeast 7 <sup>th</sup> Drive				
Site Location	Southeast corner of the I-75 and SR 44 interchange				
Distance/Direction	About 195 feet east of the I-75 interchange				
Facility ID Nos:	8516858; FLR000016758; FLR000016766				
Database Listings/Sources:	LUST; UST; CLEANUP SITES; DWM CONTAM UST; RCRA-VSQG; RCRA NonGen				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Gas Station				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	10,000	Unleaded Gas	05/01/73	07/01/08
1	U	4,000	Unleaded Gas	10/01/64	05/01/05
2	U	4,000	Unleaded Gas	10/01/64	07/01/08
1	U	4,000	Vehicular Diesel	10/01/64	07/01/08
1	U	24,000	Unleaded Gas	08/01/08	In Use
Discharge Date	11/25/88	Cleanup Date:	02/20/14		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** A discharge was reported at this site in November 1988. Assessment activities from January 1996 through August 2005 delineated groundwater impacts on-site. A Remedial Action Plan was submitted in August 2006, but was postponed. Natural Attenuation Monitoring was performed between December 2006 and July 2008; however, petroleum hydrocarbon concentrations remained higher than applicable cleanup target levels. An air sparge and soil vapor extraction remediation system operated between April 2011 and November 2012. Post Active Remediation Monitoring was performed for one year and the discharge received a No Further Action status in February 2014.

An April 2022 routine tank inspection found the site was out of compliance due to a damaged spill bucket. A July 2022 correspondence states the site returned to compliance.

This site is also registered as a conditionally exempt small quantity hazardous waste generator. No complaints, violations, or discharges have been recorded regarding hazardous waste.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an operating gas station with two fueling canopies.

**CONCLUSIONS:** This site achieved regulatory closure. Due to being an active gas station, this site has been assigned a CRR of **Medium**.



*View of the gas station and fueling canopies on-site.*

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>4</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Former BP Station</b>				
Site Address	549 State Road 44				
Site Location	Southwest corner of the I-75 and SR 44 intersection				
Distance/Direction	About 325 feet west of the I-75 interchange				
Facility ID Nos:	8516830				
Database Listings/Sources:	LUST; UST; CLEANUP SITES; DWM CONTAM				
Historical Land Use	Gas Station				
Current Land Use	Restaurant				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	4,000	Leaded Gas	07/01/84	01/31/91
1	U	3,000	Leaded Gas	07/01/69	01/31/91
1	U	8,000	Unleaded Gas	07/01/69	01/31/91
1	U	4,000	Unleaded Gas	07/01/84	01/31/91
1	U	3,000	Unleaded Gas	07/01/69	01/31/91
Discharge Date	11/11/86	Cleanup Date:	Ongoing		
	Soil		Groundwater		
Documented/ Known Impacts:	YES		YES		

**PUBLIC RECORDS:** A discharge was reported at this site in November 1986. Assessment activities between 1990 and 2005 found petroleum soil and groundwater exceedances. A September 2017 Template Site Assessment Report documented soil impacts along the northern property boundary adjacent to SR 44, and identified a groundwater plume that extends under SR 44 located about 285 feet west of the I-75 interchange. Groundwater flow is described as to the west-northwest, away from I-75. The property was redeveloped with a fast food restaurant in about 2019. A May 2023 Supplemental Site Assessment found remaining exceedances in one well, and recommended the installation of additional wells and sampling. No remediation work has been performed at this site at the time of this report.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site has been redeveloped with a fast-food restaurant.

**CONCLUSIONS:** Due to existing impacts on-site, the distance of the site from I-75, and groundwater flow direction, this site has been assigned a CRR of **Medium**. This site could affect the southwest Pond 0-1 if dewatering is required.



Looking south at the area of the former gas station.



Looking north at an area of monitoring wells.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>5</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Pilot #4556; Wilco Travel Plaza #4510</b>				
Site Address	744/768 East Highway 44				
Site Location	Northeast corner of the I-75 and SR 44 interchange				
Distance/Direction	About 210 feet east of the I-75 interchange				
Facility ID Nos:	8516823; FLR000209882				
Database Listings/Sources:	LUST; UST; CLEANUP SITES; DWM CONTAM				
Historical Land Use	Residence				
Current Land Use	Gas Station				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
2	U	12,000	Unleaded Gas	07/01/80	08/01/94
1	U	12,000	Leaded Gas	07/01/80	08/01/94
1	U	12,000	Vehicular Diesel	07/01/80	08/01/94
2	U	12,000	Vehicular Diesel	02/01/82	08/01/94
1	U	15,000	Gasohol	08/01/94	In Use
2	U	12,000	Gasohol	08/01/94	In Use
4	U	15,000	Vehicular Diesel	08/01/94	In Use
Discharge Date	03/31/87	Cleanup Date:	Ongoing		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		YES		

**PUBLIC RECORDS:** A discharge was reported at this site in March 1987 due to free product found in three monitoring wells. A pump-and-treat and soil-vapor extraction remediation system operated between 1995 and 1999, during which free product was continually observed in two monitoring wells. Free product recovery efforts continued until 2008. Assessment activities through 2016 found free product in nine monitoring wells at various times. A Multi-Phase Extraction remediation system began operation in August 2019. A February 2024 Operation and Maintenance Quarterly Status Report – Year 5, Quarter 1 found groundwater exceedances in seven out of twenty-five monitoring wells across the site, free product in one well, and recommended the installation of additional monitoring wells. The shallow petroleum plume is located in the central portion of the property, about 250 feet east of the I-75 northbound on-ramp, and has not been fully delineated to the west.

This site is also registered as a conditionally exempt small quantity hazardous waste generator. A complaint was received that used oil had discharged from an oil and water separator onto the ground. A June 2014 follow up inspection found evidence of a very small prior release of oil. The inspection states there was no discharge from the oil/water separator and did not find any violations.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an operating gas station with two fueling canopies.

**CONCLUSIONS:** Due to existing groundwater impacts, this site has been assigned a CRR of **Medium**. This site could affect the northeast Pond 0-1 if dewatering is required.



View of the fueling canopy and gas pumps on-site.

Site No:	<b>6</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>Radio Tower 1</b>				
Site Address	N/A				
Site Location	North of SR 44, east of I-75, inbound of the I-75 northbound on-ramp				
Distance/Direction	About 75 feet east of I-75				
Facility ID Nos:	N/A				
Database Listings/Sources:	Site Reconnaissance; Aerial Photographs				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Radio Tower				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	A	~500	Emergency Generator Diesel	Unk.	In Use
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is a radio tower with an approximately 500-gallon aboveground emergency generator diesel belly tank. This tank appears to be below the FDEP tank registration size of 550 gallons. No violations, complaints, or discharges have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** An approximately 500-gallon aboveground emergency generator diesel belly tank was observed. The tank appeared to be in good condition and did not exhibit any leaks.

**CONCLUSIONS:** Due to the small size of the tank and lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



View of the radio tower base on-site.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>7</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Wildwood Travel Center #53</b>				
Site Address	556 East State Road 44				
Site Location	Northwest corner of the I-75 and SR 44 interchange				
Distance/Direction	About 210 feet west of the I-75 interchange				
Facility ID Nos:	8516878; FLD044021897				
Database Listings/Sources:	EDR Hist Auto; SPILLS; LUST; LAST; UST; AST; CLEANUP SITES; DWM CONTAM; RCRA NonGen				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Gas Station				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
3	U	12,000	Unleaded Gas	09/01/84	Closed In Place
1	U	12,000	Vehicular Diesel	09/01/84	12/30/08
3	U	20,000	Unleaded Gas	09/01/84	12/30/08
1	A	2,000	New/Lube Oil	09/01/84	In Use
1	U	1,000	Waste Oil	09/01/84	07/01/95
1	U	30,000	Unleaded Gas	11/01/08	In Use
1	U	15,000	Vehicular Diesel	11/01/08	In Use
1	U	1,000	Waste Oil	07/01/95	In Use
4	U	20,000	Vehicular Diesel	07/01/95	In Use
Discharge Date	12/27/88		Cleanup Date:	Ongoing	
	06/07/90			Ongoing	
	07/28/05			11/14/12	
	10/29/05			11/14/12	
Soil			Groundwater		
Documented/ Known Impacts:	NO		YES		

**PUBLIC RECORDS:** Discharges were recorded at this site in December 1988 and June 1990. A June 1990 sampling event found free product in all monitoring wells on-site. About 130 tons of petroleum contaminated soil was removed in 2006. A January 2017 Supplemental Site Assessment Report found groundwater exceedances remain on-site. A July 2023 correspondence states a Limited Contamination Assessment Report is required; however, it does not appear that any further assessments have occurred. A November 2023 routine tank inspection found major out-of-compliance issues due to damaged piping and spill buckets. Groundwater exceedances are recorded about 335 feet west of I-75.

This site was also registered as a small quantity hazardous waste generator. A February 2013 inspection found the site had closed. No complaints, violations, or discharges have been recorded regarding hazardous waste.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an operating gas station.

**CONCLUSIONS:** Due to existing impacts on-site, and the distance of the site from I-75, this site has been assigned a CRR of **Medium**.



View of the fueling canopy and gas pumps on-site.

**Table 1  
Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	8		Risk Potential:	LOW	
Site Name	Tommy's Tire Shop				
Site Address	418 SR 44				
Site Location	Northwest quadrant of the I-75 and SR 44 interchange				
Distance/Direction	About 940 feet west of I-75				
Facility ID Nos:	106493				
Database Listings/Sources:	SWF/LF				
Historical Land Use	Undeveloped Grassed Land				
Current Land Use	Used Tire Store				
Contaminants	Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is registered as a solid waste facility due to being a waste tire collector. A March 2020 waste tire collector inspection found the site was in compliance. This facility is an auto repair shop that is not considered a contamination concern.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an auto repair shop with seven auto repair bays. Seven 250-gallon totes and a pallet of 55-gallon plastic drums were observed on-site.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts, and distance from I-75, this site has been assigned a CRR of **Low**.



Looking north at the auto repair shop.



View of seven 250-gallon totes and a pallet of 55-gallon plastic drums.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	9		Risk Potential:	LOW		
Site Name	Black Gold Compost Facility					
Site Address	11424 County Road 237					
Site Location	East of I-75, south of East Country Road 466					
Distance/Direction	About 130 feet east of I-75					
Facility ID Nos:	86933					
Database Listings/Sources:	SWF/LF					
Historical Land Use	Undeveloped Wooded Land					
Current Land Use	Compost Facility					
Contaminants	Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A						
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

**PUBLIC RECORDS:** This site is a solid waste facility that produces compost. The latest inspection in November 2022 found the facility was in compliance. Monitoring of the contents of the compost piles occurs annually. No discharges or contamination impacts have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site contains mounds of compost.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



Compost mounds are visible on the left.



**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	10	Risk Potential:	LOW		
Site Name	Radio Tower 2				
Site Address	CR 475 North				
Site Location	About 165 feet west of CR 475 North, east of I-75				
Distance/Direction	About 270 feet east of I-75				
Facility ID Nos:	N/A				
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance				
Historical Land Use	Vacant Pastureland				
Current Land Use	Radio Tower				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	A	~500	Emergency Generator Diesel	Unk.	In Use
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is a radio tower with an approximately 500-gallon aboveground emergency generator diesel belly tank. This tank appears to be below the FDEP tank registration size of 550 gallons. The tank appeared to be in good condition and did not exhibit any leaks.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** An approximately 500-gallon aboveground emergency generator tank was observed on-site. The tank appeared to be in good condition and did not exhibit any leaks.

**CONCLUSIONS:** Due to the small size of the tank and lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



View of the base of the radio tower.



View of an emergency generator diesel tank.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>11</b>	Risk Potential:	<b>LOW</b>		
Site Name	<b>Radio Tower 3</b>				
Site Address	Southwest 20th Avenue Road				
Site Location	About 160 feet east of Southwest 20 <sup>th</sup> Road, west of I-75				
Distance/Direction	About 225 feet west of I-75				
Facility ID Nos:	N/A				
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance				
Historical Land Use	Vacant Pastureland				
Current Land Use	Radio Tower				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
2	A	~500	Emergency Generator Diesel	Unk.	In Use
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is a radio tower with two approximately 500-gallon aboveground emergency generator diesel belly tanks. These tanks appear to be below the FDEP tank registration size of 550 gallons. No violations, complaints, or discharges have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** Two approximately 500-gallon aboveground emergency generator tanks were observed on-site. The tanks appeared to be in good condition and did not exhibit any leaks.

**CONCLUSIONS:** Due to the small size of the tanks and lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



View of first emergency generator diesel tank.



View of second emergency generator diesel tank.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>12</b>	Risk Potential:	<b>MEDIUM</b>		
Site Name	<b>Tampa Bay Auto Transport</b>				
Site Address	I-75 Southbound Mile Marker 337.5				
Site Location	I-75 Right-of-Way				
Distance/Direction	Adjacent to I-75 Northbound Weigh Station				
Facility ID Nos:	SWP050828-519, 9808357				
Database Listings/Sources:	SPILLS				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	I-75 Right-of-Way				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	08/28/05	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** An approximately 60-gallon diesel spill occurred at this location in August 2005. An August 2006 correspondence states emergency clean up actions were taken; however, a Source Removal Report was required and had not occurred. A Site Assessment Report was also deemed necessary, and has apparently not occurred. The Florida Bureau of Emergency Response considers this incident closed. There is a potential for petroleum impacts to remain on-site.

**INTERVIEW INFORMATION:** GEC contacted Mr. Shane Gibbs at the Office of Emergency Response for the Florida Department of Environmental Protection via email on February 22, 2024, regarding this site. Mr. Gibbs has not responded at the time of this report.

**SITE OBSERVATIONS:** No evidence of the petroleum spill was observed.

**CONCLUSIONS:** Due to the potential for petroleum soil impacts, this site has been assigned a CRR of **Medium**.



View of the approximate area of the spill on the 2023 aerial photograph.

Site No:	<b>13</b>	Risk Potential:	<b>LOW</b>		
Site Name	<b>Whetstone Oil Co-Southern Road Building</b>				
Site Address	I-75				
Site Location	I-75 Southbound Weigh Station				
Distance/Direction	Adjacent to the west of I-75				
Facility ID Nos:	9200547				
Database Listings/Sources:	AST				
Historical Land Use	Vacant Field				
Current Land Use	Weigh Station				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	A	795	Fuel Oil – Onsite Heat	01/20/92	03/09/07
1	A	~500	Emergency Generator Diesel	Unk.	In Use
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** A 795-gallon aboveground fuel storage tank was registered at this location in January 1992 and removed in March 2007. No discharges are reported at this location. A smaller, approximately 500-gallon fuel tank was installed to replace the original tank. The 500-gallon tank is not required by FDEP to be registered.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** An approximately 500-gallon aboveground emergency generator tank was observed on-site. The tank appeared to be in good condition and did not exhibit any leaks.

**CONCLUSIONS:** Due to the lack of documented petroleum impacts, this site has been assigned a CRR of **Low**.



Looking east towards the emergency generator (yellow) and belly tank (black).

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

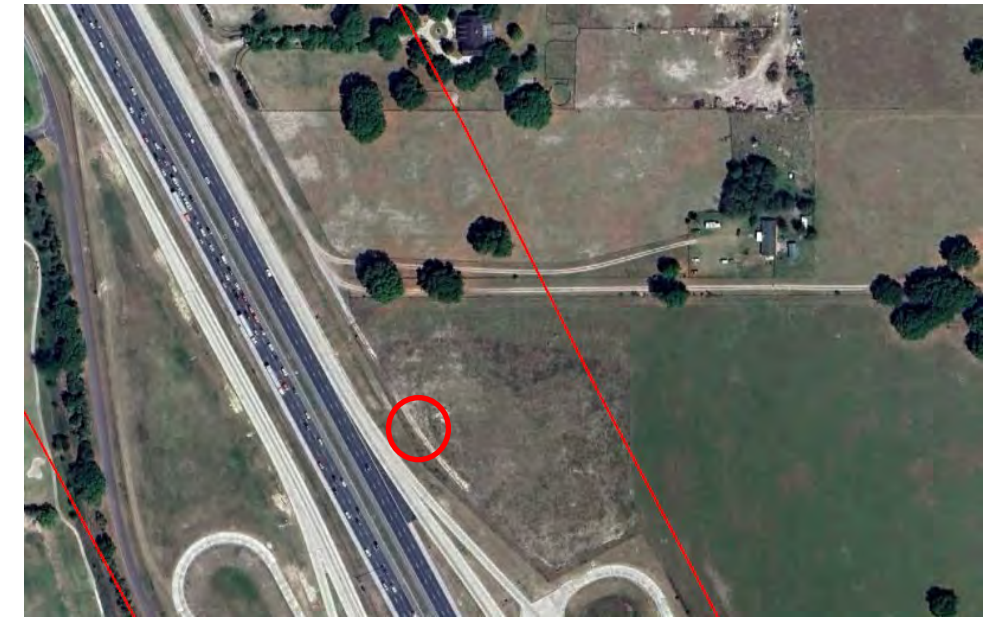
Site No:	<b>14</b>	Risk Potential:	<b>MEDIUM</b>
Site Name	<b>Circle Express Spill</b>		
Site Address	Near I-75 Weigh Station		
Site Location	I-75 Northbound Weigh Station on ramp to I-75		
Distance/Direction	Adjacent to I-75		
Facility ID Nos:	9102232		
Database Listings/Sources:	SPILLS		
Historical Land Use	Undeveloped Pastureland		
Current Land Use	Weigh Station		
Contaminants	Petroleum Products		
TANKS	U/A	Capacity (gal)	Content
N/A			
Discharge Date	05/28/88	Cleanup Date:	Ongoing
	Soil		Groundwater
Documented/ Known Impacts:	NO		NO

**PUBLIC RECORDS:** A 100-gallon diesel spill occurred at this location in May 1988. A September 1988 correspondence states that a Contamination Assessment Report was to be performed; however, a June 2020 correspondence indicates that no assessment or cleanup activities have occurred.

**INTERVIEW INFORMATION:** GEC contacted Mr. Shane Gibbs at the Office of Emergency Response for the Florida Department of Environmental Protection via email on February 22, 2024, regarding this site. Mr. Gibbs has not responded at the time of this report.

**SITE OBSERVATIONS:** No evidence of the petroleum spill was observed.

**CONCLUSIONS:** Due to the possibility for petroleum impacts to remain on-site, this site has been assigned a CRR of **Medium**.



View of the area of the spill on a 2023 aerial photograph.

Site No:	<b>15</b>	Risk Potential:	<b>LOW</b>
Site Name	<b>SummerGlen Golf Club</b>		
Site Address	1450 Southwest 154th Street Road		
Site Location	About 180 feet west of I-75		
Distance/Direction	About 180 feet west of I-75		
Facility ID Nos:	N/A		
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance		
Historical Land Use	Vacant Field		
Current Land Use	Golf Course		
Contaminants	Hazardous Materials		
TANKS	U/A	Capacity (gal)	Content
N/A			
Discharge Date	N/A	Cleanup Date:	N/A
	Soil		Groundwater
Documented/ Known Impacts:	NO		NO

**PUBLIC RECORDS:** This site has been a golf course since prior to 2004. Typical environmental concerns associated with golf courses include the application of arsenic based pesticide and herbicide usage for upkeep of the greens. The potential exists for arsenic, pesticides, and herbicides contamination in the soil and groundwater at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an 18-hole golf course surrounding a residential neighborhood.

**CONCLUSIONS:** Due to the golf course being outside the I-75 right-of-way, this site has been assigned a CRR of **Low**.



Looking northwest towards the golf course from the I-75 right-of-way.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	16		Risk Potential:	MEDIUM		
Site Name	Florida Peach – Belleview					
Site Address	East of I-75					
Site Location	East of I-75, About 1,800 feet north of the Wildwood Ocala Weight Station					
Distance/Direction	About 860 feet northeast of I-75					
Facility ID Nos:	ERIC_3839					
Database Listings/Sources:	FL SHWS; FL CLEANUPSITES; FL DWM CONTAM					
Historical Land Use	Pesticide Storage Facility					
Current Land Use	Animal Pens; Rural Residence					
Contaminants	Pesticides and Herbicides					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A						
Discharge Date	05/28/88	Cleanup Date:	N/A			
	Soil		Groundwater			
Documented/ Known Impacts:	YES		NO			

**PUBLIC RECORDS:** In 1983, an open, abandoned storage shed was found to have pesticides, sulfur, and oil and grease containers near an abandoned open well. Most of the chemicals were removed from the shed’s walls and floor in 1984 and seven 55-gallon drums of soil were removed from the site. Soil sampling found elevated levels of ethyl parathion, Dursban, and oil and grease. The shed is located about 950 feet east of I-75.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** No evidence of the former shed was observed. The site is a rural residence with horse pens.

**CONCLUSIONS:** Due to the potential for agricultural chemical impacts at this location, this site has been assigned a CRR of **Medium**. Based on the distance to I-75, this facility is not considered likely to impact construction activities.



Looking east at the approximate area of the former shed location.

Site No:	17		Risk Potential:	LOW		
Site Name	Summerglen Electrical Substation					
Site Address	14245 Southwest 16th Avenue					
Site Location	About 90 feet west of SW 16 <sup>th</sup> Avenue, east of I-75					
Distance/Direction	About 160 feet east of I-75					
Facility ID Nos:	N/A					
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance					
Historical Land Use	Undeveloped Vacant Land					
Current Land Use	Electrical Substation					
Contaminants	Petroleum Products and Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A						
Discharge Date	N/A	Cleanup Date:	N/A			
	Soil		Groundwater			
Documented/ Known Impacts:	NO		NO			

**PUBLIC RECORDS:** Typical contamination concerns related to electrical substations include the use and storage of polychlorinated biphenyls (PCBs) and petroleum products. No discharges, violations, or releases have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an electrical substation.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



View of the electrical substation.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	18		Risk Potential:	LOW		
Site Name	Don Garlits Museum of Drag Racing Inc					
Site Address	13700 Southwest 16 <sup>th</sup> Avenue					
Site Location	Southeast quadrant of the I-75 and Southwest Highway 484 interchange					
Distance/Direction	About 110 feet east of I-75					
Facility ID Nos:	FLR000126821					
Database Listings/Sources:	RCRA-VSQG					
Historical Land Use	Vacant Field					
Current Land Use	Auto Museum					
Contaminants	Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A						
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

**PUBLIC RECORDS:** This site is registered as a conditionally exempt small quantity hazardous waste generator. No complaints, violations, or discharges have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an auto museum consisting of two warehouse-type buildings.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



Looking north at the Don's Garage building.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	19		Risk Potential:	MEDIUM	
Site Name	Gate #133				
Site Address	1800 Southwest Highway 484				
Site Location	Southeast corner of the I-75 and Southwest Highway 484 interchange				
Distance/Direction	About 95 feet east of the I-75 interchange				
Facility ID Nos:	8511105				
Database Listings/Sources:	EDR Hist Auto; LUST; UST; DWM CONTAM; CLEANUP SITES				
Historical Land Use	Vacant Field				
Current Land Use	Gas Station				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	12,000	Unleaded Gas	04/01/78	07/02/03
3	U	6,000	Unleaded Gas	01/01/69	07/02/03
1	U	20,000	Unleaded Gas	07/02/03	In Use
1	U	10,000	Vehicular Diesel	07/02/03	In Use
Discharge Date	02/10/97 11/08/88	Cleanup Date:	Ongoing		
	Soil		Groundwater		
Documented/ Known Impacts:	YES		YES		

**PUBLIC RECORDS:** A discharge was reported at this site in November 1988 due to hydrocarbon odors in a compliance well. About 35 tons of contaminated soil was removed in September 1990, and the discharge received a Site Rehabilitation Completion Order (SRCO) in December 1991. The SRCO was rescinded in August 2003, due to soil exceedances found following tank closures. Assessment activities were conducted between November 2005 and August 2015. A January 2016 Template Site Assessment recommended a Remedial Action Plan be prepared. A June 2023 Level 3 Limited Scope Remedial Action Plan recommended in situ chemical oxidation injections. Remediation has not occurred at the time of this report. Groundwater is at a depth of > 30 feet and exceedances are reported about 130 feet east of the I-75 northbound off ramp. Groundwater flow is described as southwesterly, towards I-75.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an operating gas station. Monitoring wells were observed throughout the site.

**CONCLUSIONS:** Due to the depth to groundwater and the existing groundwater exceedances, this site has been assigned a CRR of **Medium**. Based on the depth to groundwater in this area being > 30 feet, this area of impacts is not likely to affect this project.



View of the gas station and fueling canopy.



An area of monitoring wells on-site.

**Table 1  
Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>20</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Pilot Travel Center #293</b>				
Site Address	2020 Southwest 135th Street/Southwest Highway 484				
Site Location	Southwest corner of the I-75 and Southwest Highway 484 intersection				
Distance/Direction	About 145 feet west of the I-75 Interchange				
Facility ID Nos:	9045565				
Database Listings/Sources:	EDR Hist Auto; SPILLS; LUST; UST; DWM CONTAM				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Gas Station				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
4	U	20,000	Vehicular Diesel	11/01/89	Closed In Place 04/28/09
3	U	12,000	Unleaded Gas	11/01/89	Closed In Place 04/28/09
1	U	25,000	Unleaded Gas	05/01/09	In Use
2	U	20,000	Unleaded Gas	05/01/09	In Use
3	U	20,000	Vehicular Diesel	05/01/09	In Use
Discharge Date	10/26/12	Cleanup Date:	03/28/14		
	05/06/09		01/31/13		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** A discharge was reported at this site in May 2009 following tank closure activities. About 160 tons of contaminated soil was removed and follow up sampling did not find any soil exceedances. A July 2011 Site Assessment Report did not find any soil or groundwater exceedances and the discharge received a Site Rehabilitation Completion Order in January 2013.

A discharge was reported at this site in October 2012 following piping repairs. An August 2013 Site Assessment Report documents bromodichloromethane and dibromochloromethane exceedances in two monitoring wells; however, the exceedances were attributed to water added during the monitoring well drilling process or laboratory reagents. The depth to groundwater was listed as > 50 feet in 2013. The discharge was granted a Site Rehabilitation Completion Order in March 2014.

A March 2022 routine tank inspection found the site was out of compliance due to damaged piping, and returned to compliance in December 2022.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an operating gas station. Incidental staining was observed on the asphalt throughout the site.

**CONCLUSIONS:** This site received regulatory closure. Due to being an active gas station, this site has been assigned a CRR of **Medium**.



View of the fueling canopy and gas pumps.



View of an area of de minimis oil staining.



**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>21</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Florida Citrus Center #30</b>				
Site Address	1805 Southwest Highway 484/135 <sup>th</sup> Street				
Site Location	Northeast corner of the I-75 and Southwest Highway 484 intersection				
Distance/Direction	About 90 feet east of the I-75 interchange				
Facility ID Nos:	8511361				
Database Listings/Sources:	EDR Hist Auto; LUST; UST; DWM CONTAM				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Gas Station				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
4	U	4,000	Unleaded Gas	Unk.	10/31/89
2	U	4,000	Leaded Gas	Unk.	10/31/89
3	U	8,000	Unleaded Gas	10/01/89	10/01/03
1	U	20,000	Unleaded Gas	09/01/03	In Use
1	U	12,000	Unleaded Gas	09/01/03	In Use
Discharge Date	05/26/94	Cleanup Date:	07/05/18		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** A May 1994 Phase II Environmental Site Assessment found soil exceedances at this site. A July 1994 sampling event found petroleum groundwater exceedances on-site. Assessment activities between January 1995 and March 2013 found low levels of contaminants of concern in the soil and groundwater on-site. Natural Attenuation Monitoring was performed between September 2016 and March 2017, and the discharge received a Site Rehabilitation Completion Order in July 2018. The depth to groundwater is about 35 feet at this location. A March 2022 routine tank compliance inspection found the site was in compliance.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an operating gas station.

**CONCLUSIONS:** The site achieved regulatory closure. Due to being an active gas station, this site has been assigned a CRR of **Medium**.



View of the fueling canopy and gas pumps on-site.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>22</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>Quality #193; Marion Oaks Amoco; H&amp;D Service Inc</b>				
Site Address	2045 Southwest Highway 484/2105 Southwest 135 <sup>th</sup> Street				
Site Location	Northwest quadrant of the I-75 and Southwest Highway 484 intersection				
Distance/Direction	About 280 feet west of the I-75 interchange				
Facility ID Nos:	8511014; FLD984241166; FLR000147553; 96866; 106766				
Database Listings/Sources:	EDR Hist Auto; RCRA-VSQG; SWF/LF				
Historical Land Use	Gas Station				
Current Land Use	Auto Repair Shop				
Contaminants	Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
2	U	8,000	Unleaded Gas	12/01/72	Closed In Place 12/01/09
1	U	6,000	Unleaded Gas	12/01/72	Closed In Place 12/01/09
1	U	550	Waste Oil	12/01/72	07/01/90
Discharge Date	08/17/87	Cleanup Date:	03/08/96		
	Soil		Groundwater		
Documented/ Known Impacts:	YES		NO		

**PUBLIC RECORDS:** A discharge was reported at this site in August 1987, due to contamination found in a nearby potable well. Assessment activities between March 1995 and February 1996 did not find any soil or groundwater exceedances on-site, and the discharge received a No Further Action status in March 1996. Groundwater was found at >35 feet below the ground surface during the 1995 sampling events.

Three underground storage tanks were closed in place at this site in December 2009. No contamination was found, and the facility was in compliance. This site no longer operates as a gas station.

The gas station was registered as a small quantity hazardous waste generator. A January 2013 inspection found the gas station has closed. No complaints, violations, or discharges were recorded regarding hazardous waste.

This site is also registered as a waste tire collector. No complaints or violations have been recorded regarding waste tire collection.

The site now operates as an auto repair shop. A June 2008 compliance inspection found that used oil and antifreeze were being improperly stored and were not placed in secondary containment, and releases of used oil to the ground were observed. The inspection ordered that contaminated soil be removed from the site. A follow up inspection found that a secondary containment area had been installed. It is unknown if the contaminated soils were removed from the site. The possibility for petroleum impacts exists at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** This site is an auto repair shop with two auto repair bays. The former fueling canopy and fuel pump islands were observed south of the building.

**CONCLUSIONS:** Due to the depth to groundwater, the lack of groundwater impacts, and the distance from I-75, this site has been assigned a CRR of **Low**.



Looking north at the former gas station fueling canopy.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>23</b>	Risk Potential:	<b>LOW</b>		
Site Name	<b>Chevron #47740</b>				
Site Address	2095 Southwest 135 <sup>th</sup> Street/Highway 484				
Site Location	Northwest quadrant of the I-75 and Southwest Highway 484 interchange				
Distance/Direction	About 160 feet west of the I-75 interchange				
Facility ID Nos:	8511344				
Database Listings/Sources:	LUST; UST; DWM CONTAM; EDR Hist Auto				
Historical Land Use	Gas Station				
Current Land Use	Restaurant				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	1,000	Used Oil	1982	11/13/90
3	U	10,000	Unleaded Gas	1982	11/13/90
Discharge Date	08/10/89	Cleanup Date:	11/06/03		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** A discharge was reported at this site in August 1989. Four underground storage tanks were removed from the site in November 1990. No soil or groundwater exceedances were found following their removal. An October 2003 Soil Investigation Report did not find any soil impacts on site, and the discharge received a Site Rehabilitation Completion Order in November 2003.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site has been redeveloped into a fast-food restaurant. No evidence of the former gas station was observed.

**CONCLUSIONS:** Due to receiving regulatory closure, this site has been assigned a CRR of **Low**.



Looking northwest at the current restaurant building.

Site No:	<b>24</b>	Risk Potential:	<b>LOW</b>		
Site Name	<b>Conrad's Wood Recycling</b>				
Site Address	10920 Southwest 27 <sup>th</sup> Avenue				
Site Location	East of I-75, west of Southwest 27 <sup>th</sup> Avenue				
Distance/Direction	About 420 feet east of I-75				
Facility ID Nos:	106895				
Database Listings/Sources:	SWF/LF				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Wood Recycling Facility; Residences				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is registered as an organics processing and wood recycling facility with "Activity Not Permitted" status. No complaints, violations, or discharges have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** No evidence of a wood recycling facility was observed at this site.

**CONCLUSIONS:** Due to the lack of documented site use or recorded contamination impacts, this site has been assigned a CRR of **Low**.



Typical view of a wooded area on-site.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>25</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Mike's Mobile Repair Service</b>				
Site Address	I-75 Northbound Mile Marker 344				
Site Location	I-75 Northbound Mile Marker 344				
Distance/Direction	On I-75				
Facility ID Nos:	9808439				
Database Listings/Sources:	SPILLS				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	I-75 Right-of-Way				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	09/02/05	Cleanup Date:	Ongoing		
	Soil		Groundwater		
Documented/ Known Impacts:	YES		NO		

**PUBLIC RECORDS:** A 70-gallon petroleum spill to the soil occurred at this site in September 2005. Oil absorbent pads were utilized to clean up the spill. The truck was lying about 20 feet off the road. A September 2006 correspondence states that a Source Removal Report and Site Assessment Report are required; however, it does not appear that any assessment or cleanup activities have occurred at this site. The potential exists for petroleum impacts to remain on-site.

**INTERVIEW INFORMATION:** GEC contacted Mr. Shane Gibbs at the Office of Emergency Response for the Florida Department of Environmental Protection via email on February 22, 2024, regarding this site. Mr. Gibbs has not responded at the time of this report.

**SITE OBSERVATIONS:** No evidence of the petroleum spill was observed.

**CONCLUSIONS:** Due to the potential for petroleum impacts, this site has been assigned a CRR of **Medium**.



View of the approximate area of the oil spill on the 2023 aerial photograph.

Site No:	<b>26</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>Radio Tower 4</b>				
Site Address	North of Southwest 66 <sup>th</sup> Street				
Site Location	About 675 feet east of I-75 and 1,500 feet north of Southwest 66 <sup>th</sup> Street				
Distance/Direction	About 675 feet east of I-75				
Facility ID Nos:	N/A				
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance				
Historical Land Use	Undeveloped Pastureland				
Current Land Use	Radio Tower				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
Unk.					
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is a radio tower. These sites typically contain emergency generators with attached diesel belly tanks. No tanks, violations, complaints, or discharges have been recorded for this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** An emergency generator tank was not observed.

**CONCLUSIONS:** Due to the lack of visible generator or tank and no recorded contamination impacts, this site has been assigned a CRR of **Low**.



View of the radio tower enclosure.

**Table 1  
Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	27		Risk Potential:	LOW	
Site Name	Radio Tower 5				
Site Address	Southwest 40 <sup>th</sup> Avenue				
Site Location	About 610 feet west of I-75 and 180 feet east of Southwest 40 <sup>th</sup> Avenue				
Distance/Direction	About 610 feet west of I-75				
Facility ID Nos:	N/A				
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Radio Tower				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
2	A	~500	Emergency Generator Diesel	Unk.	In Use
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is a radio tower with two approximately 500-gallon aboveground emergency generator diesel belly tanks. These tanks appear to be below the FDEP tank registration size of 550 gallons. No violations, complaints, or discharges have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** Two approximately 500-gallon aboveground emergency generator tanks were observed on-site. The tanks appeared to be in good condition and did not exhibit any leaks.

**CONCLUSIONS:** Due to the small size of the tanks and lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



View of first emergency generator tank on-site.



View of second emergency generator tank on-site.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>28</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Eagle Transport</b>				
Site Address	I-75 Northbound Mile Marker 349				
Site Location	East of I-75, west of Southwest 43 <sup>rd</sup> Road				
Distance/Direction	About 178 feet east of I-75				
Facility ID Nos:	9812695, 2010-7I-43574				
Database Listings/Sources:	SPILLS				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	I-75 Right-of-Way				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	05/29/10	Cleanup Date:	Ongoing		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** A spill occurred at this location in May 2010 when an 8,000-gallon tanker truck caught fire. A July 2010 Interim Source Removal Report states that surface waters and local drainage was not impacted. About 670 tons of petroleum impacted soil was removed. Assessment activities occurred from March 2012 through January 2016. A February 2018 Proposal for Conditional Site Rehabilitation Completion Order (land use restriction) states that exceedances remain in one monitoring well (MW-1), but the plume is stable and shrinking, and proposes restrictions on dewatering in this area. The depth to the groundwater at this location is >25 feet.

**INTERVIEW INFORMATION:** GEC contacted Mr. Shane Gibbs at the Office of Emergency Response for the Florida Department of Environmental Protection via email on February 22, 2024, regarding this site. Mr. Gibbs has not responded at the time of this report.

**SITE OBSERVATIONS:** No evidence of the petroleum spill was observed.

**CONCLUSIONS:** Due to the groundwater impacts in MW-1, if dewatering occurs in this area, this site will be assigned a CRR of **Medium**. The depth to groundwater is >25 feet and dewatering is unlikely in this area.



View of the area of the truck spill on the 2023 aerial photograph.

Site No:	<b>29</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>Industrial Technologies &amp; Services Americas Inc</b>				
Site Address	4647 Southwest 40 <sup>th</sup> Avenue				
Site Location	Southwest corner of the I-75 and Southwest 43 <sup>rd</sup> Street Road intersection				
Distance/Direction	About 270 feet west of I-75				
Facility ID Nos:	FLD054446299				
Database Listings/Sources:	RCRA_SQG				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Manufacturer				
Contaminants	Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** This site is registered as a small quantity hazardous waste generator and has experienced periods of minor non-compliance. March 2009 and August 2013 inspections found open and improperly labeled hazardous waste containers. An October 2013 correspondence stated the site returned to compliance. No discharges or releases have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is a large warehouse building.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts this site has been assigned a CRR of **Low**.



View of the warehouse building on-site.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>30</b>	Risk Potential:	<b>LOW</b>		
Site Name	<b>Electrical Substation 2</b>				
Site Address	Southwest 43 <sup>rd</sup> Street Road				
Site Location	West of the Southwest 42 <sup>nd</sup> Street and Southwest 43 <sup>rd</sup> Street Road intersection				
Distance/Direction	About 175 feet east of I-75				
Facility ID Nos:	N/A				
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance				
Historical Land Use	Undeveloped Vacant Field				
Current Land Use	Electrical Substation				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** Typical contamination concerns related to electrical substations include the use and storage of Polychlorinated biphenyl (PCBs) and petroleum products. No discharges, violations, or releases have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an electrical substation.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



*View of the electrical substation facility.*

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>31</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Sunshine Food #250; Shealy J L – Historical Gas Station</b>				
Site Address	3710/3740 Southwest College Road				
Site Location	Southeast quadrant of the I-75 and SR 200 intersection				
Distance/Direction	About 175 feet southeast of the I-75 interchange				
Facility ID Nos:	8511383; FLD984180133				
Database Listings/Sources:	LUST; UST; CLEANUP SITES; DWM CONTAM; HAZ WASTE; EDR Hist Auto; RCRA NonGen				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Gas Station				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
3	U	4,000	Leaded Gas	11/01/67	Unk. Date
3	U	4,000	Unleaded Gas	11/01/67	Unk. Date
1	U	10,000	Vehicular Diesel	09/01/80	Unk. Date
1	U	10,000	Vehicular Diesel	03/01/85	Closed In Place 12/01/07
1	U	10,000	Unleaded Gas	03/01/85	Closed In Place 12/01/07
1	U	8,000	Unleaded Gas	03/01/85	Closed In Place 12/01/07
1	U	12,000	Unleaded Gas	03/01/85	Closed In Place 12/01/07
1	U	550	Waste Oil	03/01/85	03/23/92
1	U	550	Fuel Oil; On Site Heating	03/01/85	03/23/92
1	U	16,000	Unleaded Gas	10/31/07	In Use
1	U	12,000	Vehicular Diesel	10/31/07	In Use
Discharge Date	02/23/85 08/08/93 12/22/05		Cleanup Date:	Ongoing	
	Soil		Groundwater		
Documented/ Known Impacts:	YES		YES		

**PUBLIC RECORDS:** EDR identified this site as a historical gas station from 1971 to 1977. In 1975, a potable water well on-site exhibited a gasoline taste and odor. A discharge was reported in February 1985. A pump and treat remediation system operated between September 1985 and October 1986, and a soil vapor extraction system operated between December 1992 and April 1995. A discharge was reported in August 1993 and about 22.5 cubic yards of contaminated soil was removed from the site. A 2012 Site Assessment Report Addendum identified co-mingled groundwater plumes from **Site Nos. 31** and **32**. Assessments between August 2017 and June 2019 found petroleum soil exceedances, and confirmed that a shallow groundwater plume extends over most of the site. A January 2024 Interim Assessment Report recommended additional monitoring wells be installed. Depth to groundwater is reported at about 30 feet below ground surface.

This site was also registered as a small quantity hazardous waste generator in October 1990. A November 2010 inspection found that the site is closed. No complaints, violations, or discharges have been recorded regarding hazardous waste at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is an operating gas station. Monitoring wells were observed throughout the site.

**CONCLUSIONS:** Due to existing groundwater exceedances, and being an active gas station, this site has been assigned a CRR of **Medium**. Based on the depth to groundwater and the distance to I-75, this facility is unlikely to affect the project.



View of the gas station and fueling canopy on-site.



View of an area of monitoring wells on-site.



**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>32</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Raceway #6721</b>				
Site Address	3708 Southwest College Road				
Site Location	Southeast quadrant of the I-75 and SR 200 intersection				
Distance/Direction	About 320 feet east of the I-75 interchange				
Facility ID Nos:	8511296; SQG_67129				
Database Listings/Sources:	UST; RCRA_SQG				
Historical Land Use	Gas Station				
Current Land Use	Urgent Care Center				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	12,000	Unleaded Gas	04/01/85	03/01/10
1	U	12,000	Gasohol	08/01/78	12/01/20
2	U	12,000	Unleaded Gas	08/01/78	03/10/10
Discharge Date	12/28/88	Cleanup Date:	Ongoing		
	Soil	Groundwater			
Documented/ Known Impacts:	NO		YES		

**PUBLIC RECORDS:** A discharge was reported at this site in December 1988. Assessment activities in December 1992 found that the on-site groundwater plume was intermingled with plumes from adjacent **Site No. 31**. A Remedial Action Plan was submitted in July 1993; however, it does not appear to have been approved or implemented. Assessment activities in 2017 and 2018 confirmed groundwater exceedances remained on-site. Natural Attenuation Monitoring (NAM) was initiated in February 2022 and is on-going. An October 2023 Annual NAM Report found groundwater exceedances in three wells and recommended the continuation of NAM. The groundwater plume is located about 495 feet east of I-75. A perched aquifer is present at a depth of 11 feet in two monitoring wells, but the majority of the groundwater is found > 30 feet below the ground surface.

This site was also registered as a small quantity hazardous waste generator. No complaints, violations, or discharges have been recorded regarding hazardous waste at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site has been redeveloped with a medical office building.

**CONCLUSIONS:** Due to remaining groundwater impacts being located within the footprints of **Site Nos. 31 and 32**, this site has been assigned a CRR of **Medium**. Based on the distance from I-75 and the depth of the groundwater on-site and in the site vicinity, this facility is unlikely to affect the project.



Looking south at the current building. Two monitoring wells are in the foreground.

Site No:	<b>33</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>Interstate Center</b>				
Site Address	3800 Southwest College Road				
Site Location	Southwest corner of the I-75 and SR 200 interchange				
Distance/Direction	About 130 feet west of the I-75 interchange				
Facility ID Nos:	9202722				
Database Listings/Sources:	UST				
Historical Land Use	Gas Station				
Current Land Use	Restaurant and Parking Lot				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	315	Waste Oil	Unk.	04/30/91
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil	Groundwater			
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** A 280 or 315-gallon underground storage tank was removed from this site in April 1991. Follow-up sampling did not find any exceedances and no further action was required.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site has been redeveloped with a restaurant. No evidence of the former gas station was observed.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



View of the current restaurant building.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>34</b>		Risk Potential:	<b>MEDIUM</b>	
Site Name	<b>Diamond Oil SR 200</b>				
Site Address	3711 Southwest College Road				
Site Location	Northeast corner of the I-75 and Southwest College Road interchange				
Distance/Direction	About 380 feet east of I-75				
Facility ID Nos:	ERIC_7109; 8511082; FLD984185579; SQG_67368				
Database Listings/Sources:	RCRA-NonGen; LUST; UST; INST CONTROL; TANKS; DWM CONTAM; EDR Hist Auto; RCRA-VSQ; CLEANUP SITES				
Historical Land Use	Gas Station				
Current Land Use	Vacant Lot				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
2	U	3,000	Unleaded Gas	12/01/64	11/30/89
2	U	3,000	Leaded Gas	12/01/64	11/30/89
3	U	12,000	Unleaded Gas	11/01/89	06/30/93
1	U	4,000	Unleaded Gas	12/01/64	11/30/89
1	U	1,000	Waste Oil	11/01/89	06/30/93
2	U	10,000	Unleaded Gas	07/01/93	03/01/19
Discharge Date	12/04/88	Cleanup Date:	Ongoing		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		YES		

**PUBLIC RECORDS:** A discharge was reported at this site in December 1988, and about 916 tons of contaminated soil was removed in December 1989. A pump and treat/soil vapor extraction remediation system operated between December 1994 and May 1997. Assessment activities from August 1998 through May 2004 found remaining groundwater exceedances. An air sparge and soil vapor extraction remediation system was approved in July 2006 and Post Active Remediation Monitoring was performed in April and October 2007. A November 2016 Supplemental Site Assessment Report found remaining groundwater exceedances on-site and a second remediation system began operation in October 2021. A December 2023 Remedial Action Interim Report recommended a modified remedial action plan consisting of in situ chemical oxidation injection. The groundwater plume is located about 410 feet east of I-75. The depth to groundwater is reported at about 31 feet below the ground surface.

This site was also registered as a small quantity hazardous waste generator. A November 2010 inspection found the site has closed. No complaints, violations, or discharges have been recorded regarding hazardous waste at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is a vacant lot. A remediation system trailer was observed in the northern portion of the site.

**CONCLUSIONS:** Due to remaining groundwater impacts, this site has been assigned a CRR of **Medium**. Based on the depth to the groundwater and the distance to I-75, this facility is unlikely to affect the project.



View of an area of monitoring wells.



Looking north at the area of the former gas station. The remediation system trailer is behind the fence in the background.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>35</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>Gadco-Ocala 400</b>				
Site Address	3701 Southwest College Road				
Site Location	Northeast quadrant of the I-75 and SR 200 interchange				
Distance/Direction	About 500 feet east of I-75				
Facility ID Nos:	8511297				
Database Listings/Sources:	LUST; UST; DWM CONTAM				
Historical Land Use	Gas Station				
Current Land Use	Retail Stores				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	8,000	Leaded Gas	Unk.	03/31/89
2	U	8,000	Unleaded Gas	Unk.	03/31/89
3	U	10,000	Vehicular Diesel	Unk.	03/31/89
Discharge Date		05/22/87	Cleanup Date:	06/25/20	
Soil			Groundwater		
Documented/ Known Impacts:		NO		NO	

**PUBLIC RECORDS:** A May 1987 Preliminary Contamination Assessment found petroleum soil and groundwater contamination on-site. About 1,000-cubic yards of contaminated soil was removed from the site in October 1989. About 2,500-cubic yards of contaminated soil was treated with biodegradation and aeration in October 1990. Assessment activities between February 2017 and January 2018 found groundwater exceedances. Natural Attenuation Monitoring was performed between August 2018 and April 2019, and the discharge received a Site Rehabilitation Completion Order in June 2020.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site has been redeveloped with a retail store. No evidence of the former gas station was observed.

**CONCLUSIONS:** Due to the Site Rehabilitation Completion Order, this site has been assigned a CRR of **Low**.



Looking north at the area of the former gas station.

Site No:	<b>36</b>		Risk Potential:	<b>LOW</b>	
Site Name	<b>Home Depot #0253</b>				
Site Address	3300 Southwest 35 <sup>th</sup> Terrace				
Site Location	Northeast quadrant of the I-75 and SR 200 interchange				
Distance/Direction	About 100 feet east of I-75				
Facility ID Nos:	9815560; FLR000015727				
Database Listings/Sources:	AST; HW GEN; RCRA-VSQQ				
Historical Land Use	Undeveloped Wooded Land				
Current Land Use	Home Depot Retail Store				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	A	650	Emergency Generator Diesel	05/01/17	In Use
Discharge Date		N/A		N/A	
Soil			Groundwater		
Documented/ Known Impacts:		NO		NO	

**PUBLIC RECORDS:** This site maintains an aboveground emergency generator diesel tank. The latest inspection in February 2023 found the site in compliance.

This site is registered as a small quantity hazardous waste generator. A December 2020 inspection found the site was out of compliance due to improper documentation and returned to compliance in January 2021. No complaints or discharges have been recorded at this site.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** The site is a retail store.

**CONCLUSIONS:** Due to the lack of recorded contamination impacts, this site has been assigned a CRR of **Low**.



Looking north at the Home Depot store.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	<b>37</b>	Risk Potential:	<b>LOW</b>
Site Name	<b>Historical Railroad</b>		
Site Address	SR 200		
Site Location	The SR 200 and I-75 intersection		
Distance/Direction	Adjacent		
Facility ID Nos:	N/A		
Database Listings/Sources:	Taplines – Historical Railroad Archive		
Historical Land Use	Railroad		
Current Land Use	Commercial Properties, SR 200 and I-75 Right-of-Ways		
Contaminants	Petroleum Products and Hazardous Materials		
TANKS	U/A	Capacity (gal)	Content
N/A			
Discharge Date	N/A	Cleanup Date:	N/A
	Soil		Groundwater
Documented/ Known Impacts:	NO		NO

**PUBLIC RECORDS:** A historical railroad (Ocala to Wye line) was formerly located at the I-75 and SR 200 intersection, and was apparently built in 1909 and abandoned in 1922. No evidence of the railroad corridor is visible in the historical aerial photographs or topographic maps.

Existing and historical rail lines have several common chemical constituents of concerns as follows:

**Arsenic:** The most commonly used arsenic-containing products were herbicides, pesticides, insecticides, and wood-treating agents such as chromated copper arsenate.

**Creosote:** Creosote is used to coat railroad ties.

**Polynuclear aromatic hydrocarbons:** Polynuclear aromatic hydrocarbons are a coal tar and creosote by-product. Coal tar is more commonly associated with rail yards. Other inorganic constituents used in herbicides.

Due to its residual nature, arsenic is the most commonly occurring chemical constituent related to railroad beds, and liberal applications of herbicides were used to keep the railroad free of vegetation. The creosote and polynuclear aromatic hydrocarbons are commonly associated with railroad ties and rail yards.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** No evidence of the historical railroad was observed.

**CONCLUSIONS:** Due to the area of the historical railroad being redeveloped with commercial facilities, SR 200, and I-75, this site has been assigned a CRR of **Low**.



View of the historical railroad corridor, represented by the blue line, on the 2023 aerial photograph.

Site No:	<b>38</b>	Risk Potential:	<b>LOW</b>
Site Name	<b>Agricultural Land Use; Tree Farms</b>		
Site Address	East and west of I-75		
Site Location	East and west of I-75		
Distance/Direction	Adjacent		
Facility ID Nos:	N/A		
Database Listings/Sources:	Aerial Photographs; Site Reconnaissance		
Historical Land Use	Cattle Pasture; Undeveloped Wooded Land		
Current Land Use	Tree Farms; Commercial and Residential Properties;		
Contaminants	Pesticides and Herbicides		
TANKS	U/A	Capacity (gal)	Content
N/A			
Discharge Date	N/A	Cleanup Date:	N/A
	Soil		Groundwater
Documented/ Known Impacts:	NO		NO

**PUBLIC RECORDS:** Agricultural land and tree farms typically have environmental concerns associated with them. These concerns include pesticide/herbicide storage and usage, tractor and equipment maintenance and fueling, underground and aboveground fuel storage tanks, irrigation pumps and maintenance, and asbestos irrigation lines.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** Two tree nurseries were observed in the study area, to the east and west of I-75, containing rows of planted trees.

**CONCLUSIONS:** Due to the roadway improvements being proposed to the inside, and within the existing I-75 right-of-way, the agricultural land use has been assigned a CRR of **Low**.



View of a tree farm located to the west of I-75.

**Table 1**  
**Potential Contamination Site Summary**

GEC Project No. 4477E1

Site No:	39		Risk Potential:	MEDIUM	
Site Name	Areas of Pits-Dumps complex and Udorthents, excavated				
Site Address	East and West of I-75				
Site Location	I-75 at SR 44, SR 484				
Distance/Direction	East and West of I-75				
Facility ID Nos:	N/A				
Database Listings/Sources:	NRCS Soil Survey; Aerial Photographs				
Historical Land Use	Sand Pits				
Current Land Use	Undeveloped Wooded Land; Vacant Grassed Land				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A					
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

**PUBLIC RECORDS:** The NRCS Soil Survey map depicts an area of Pits-Dumps complex in the southeast quadrant of the I-75 and SR 44 interchange. Earthworking activities are visible on the 1964 through 2006 aerial photographs. The topographic map depicts this area as a sand pit. The western portion of this area of Pits-Dumps complex contains portions of **Pond 0-3**, and is discussed in **Table 3**.

An area of Pits-Dumps complex is located in the northwest quadrant of the I-75 and SR 44 interchange. Earthworking activities are visible on the 1964 through 2006 aerial photographs. The topographic map depicts this area as a sand pit. The area Pits-Dumps complex contains the entirety of **Pond 1-3A**, and portions of **Pond 1-3B** and **Pond 2-3**, and is discussed in **Table 3**.

An area of Udorthents, excavated is located in the southwest quadrant of the I-75 and SR 484 interchange. The area is excavated in 1964 and apparent earthworking activities area visible in the 1980s.

An area of Udorthents, excavated is located just north of the Greenway, about 450 feet west of I-75. Earthworking activities are visible on the 1984 and 1995 aerial photographs. The topographic map depicts this area as a depressed area. The area of Udorthents contains **Pond 19-4**, and is discussed in **Table 3**.

No records could be found in the public file regarding dumping or assessment activities in these areas.

**INTERVIEW INFORMATION:** N/A

**SITE OBSERVATIONS:** No evidence of debris burial was observed in these areas.

**CONCLUSIONS:** Due to the possibility of encountering debris or hazardous materials while excavating several potential ponds, these areas have been assigned a CRR of **Medium**.



View of an area of excavation located southeast of the I-75 and SR 44 interchange, on the 1973 aerial photograph.



View of an area of excavation northwest of the I-75 and SR 44 interchange, on the 1995 aerial photograph.

Table 2  
Aerial Photograph Review Summary  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
FPID No. 443623-1-22-01  
GEC Project No. 4477E1  
Page 1 of 2

Site No.	Site Name	Site Address	Year First Observed in Aerial Photographs	Comments
1	A Day In The Country Inc	809 State Road 44	1969	The site is undeveloped wooded land in 1940. The gas station is first visible in 1969. Two fueling canopies are visible in 1973. The site was redeveloped with the current restaurant building in 2019.
2	Apec-Treeline # 842	861 East Highway 44	1969	The site is undeveloped wooded land in 1940. The gas station is first visible in 1969 and remains relatively unchanged through 2023.
3	Florida Citrus Center #400; Sunoco Service Station #06146419; Wareco Service Center #576	753 East State Road 44/ 7993 Northeast 7th Drive	1969	The site is undeveloped wooded land in 1940. The gas station and two fueling canopies are first visible in 1969 and remains relatively unchanged through 2023.
4	Former BP Station	549 State Road 44	1969	The site is undeveloped wooded land in 1940. A gas station is first visible in 1969 and is absent in 1995, and the site is a vacant lot. The current restaurant building is visible in 2023.
5	Pilot #4556; Wilco Travel Plaza #4510	744/768 East Highway 44	1969	The site is developed with a residence in 1951. In 1964, I-75 is under construction to the adjacent west of the site. The residence was replaced with a gas station and fueling canopy in 1969. The site is replaced with a larger gas station and additional fueling canopy in 1995.
6	Radio Tower 1	I-75 and SR 44 interchange	1995	The site is vacant land until the radio tower and adjacent concrete pad are visible in 1995.
7	Wildwood Travel Center #53	556 East State Road 44	1969/1973	The site is undeveloped wooded land in 1940. The gas station is potentially visible in 1969, and is clearly visible in 1973, along with a fueling canopy and truck parking. An additional fueling canopy is visible to the adjacent west of the building in 1995, and to the south of the building in 1999.
8	Tommy's Tire Shop	418 SR 44	1984	The site is undeveloped wooded land until the building is visible in 1984.
9	Black Gold Compost Facility	11424 County Road 237	2007	The site is undeveloped wooded land in 1940 and is cleared of trees in 2004. Soil mounds and composting activities are visible from 2007 through 2023.
10	Radio Tower 2	CR 475 North	2004	The site is vacant pastureland until the radio tower is visible in 2004.
11	Radio Tower 3	Southwest 20th Avenue Road	1999	The site is vacant pastureland until the radio tower is visible in 1999.
12	Tampa Bay Auto Transport	I-75 Southbound Mile Marker 337.5	1964	I-75 is first visible in 1964.
13	Whetstone Oil Co-Southern Road Building	I-75 Weigh Station	1988	A circular building is first visible in 1988, and has been expanded in 1995. The current building is first visible in 2007. The emergency generator tank is visible to the south of the building.
14	Circle Express Spill	Near I-75 Weigh Station	1964	The weigh station interchange is first visible in 1964. The weigh station has been changed to its current configuration in 1995.
15	SummerGlen Golf Club	1450 Southwest 154th Street Road	2004	The site is vacant pastureland in 1940. Apparent earthworking is visible in the central portion of the site in 1999, and the golf course and adjacent residential neighborhood are visible in 2004.
16	Florida Peach – Belleview	East of I-75	1983	The site is vacant pastureland in 1940 and contains a residence and apparent shed in 1983. A peach grove is visible in 1983.
17	Summerglen Electrical Substation	14245 Southwest 16th Avenue	2007	The site is undeveloped wooded land in 1940 and is vacant pastureland in 1964. The site contains horse pens in 1988. The site has been redeveloped with the electrical substation in 2007.
18	Don Garlits Museum of Drag Racing Inc	13700 Southwest 16 <sup>th</sup> Avenue	1984	The site is a vacant field in 1940. The building is first visible in 1984 and has been expanded to the north in 1988. Additional buildings are located to the adjacent north and south in 1995. An additional building is visible in the southern portion of the site in 2014.
19	Gate #133	1800 Southwest Highway 484	1972	The site is a vacant field until a building is first visible in 1972. A fueling canopy is more clearly visible in the 1984 aerial photograph. The site is redeveloped with the current gas station and fueling canopy in 2007 and remains relatively unchanged through 2023.
20	Pilot Travel Center #293	2020 Southwest 135th Street/Southwest Highway 484	1984	The site is undeveloped wooded land in 1940. An apparent gas station is first visible in 1984 and is absent in 1988. The site has been redeveloped with the current gas station and fueling canopies in 1995. Trucks are visible parked in the western and southern portions of the site.
21	Florida Citrus Center #30	1805 Southwest Highway 484/ 135 <sup>th</sup> Street	1972	The site is undeveloped wooded land until a gas station is visible in 1972. The site is developed with a larger fueling canopy in 2007.

Table 2  
Aerial Photograph Review Summary  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
FPID No. 443623-1-22-01  
GEC Project No. 4477E1  
Page 2 of 2

Site No.	Site Name	Site Address	Year First Observed in Aerial Photographs	Comments
22	Quality #193; Marion Oaks Amoco; H&D Service Inc	2045 Southwest Highway 484/ 2105 Southwest 135 <sup>th</sup> Street	1972	The site is a vacant field in 1940 and a gas station and fueling canopy are first visible in 1972.
23	Chevron #47740	2095 Southwest 135 <sup>th</sup> Street/Highway 484	1972	The site is a vacant field in 1940 and an apparent gas station is visible in 1972. The building is absent in 2004 and the current restaurant building is visible in 2012.
24	Conrad's Wood Recycling	10920 Southwest 27 <sup>th</sup> Avenue	N/A	The site is undeveloped wooded land in 1940. In 2015 the site is partially cleared of trees. No evidence of a wood recycling facility was observed on the aerial photographs.
25	Mike's Mobile Repair Service	I-75 Northbound Mile Marker 344	1964	I-75 is first visible in 1964.
26	Radio Tower 4	North of Southwest 66 <sup>th</sup> Street	2004	The site is undeveloped pastureland until the radio tower is visible in 2004.
27	Radio Tower 5	Southwest 40 <sup>th</sup> Avenue	1999	The site is undeveloped wooded land until the radio tower is visible in 1999.
28	Eagle Transport	I-75 Northbound Mile Marker 349	1964	I-75 is first visible in 1964.
29	Industrial Technologies & Services Americas Inc.	4647 Southwest 40th Avenue	1979	In 1940 the site is undeveloped wooded land with cattle trails. A warehouse type building is first visible in 1979. Vehicles, machinery, shipping containers, and apparent construction materials are visible to the east of the building in 1984.
30	Electrical Substation 2	Southwest 43 <sup>rd</sup> Street Road	1995	The site is undeveloped pasture land in 1940 and the electrical substation is first visible in 1995.
31	Sunshine Food #250; Shealy J L – Historical Gas Station	3710/3740 Southwest College Road	1979	The site is undeveloped wooded land in 1940 and has been cleared of trees in 1964. An apparent gas station is first visible in 1979. The current gas station and fueling canopy are visible in 2004, and remains relatively unchanged through 2023.
32	Raceway #6721	3708 Southwest College Road	1984	The site is undeveloped wooded land in 1940 and is cleared of trees in 1972. A gas station and fueling canopy are first visible in 1984. The gas station is absent in 2018 and the site is a vacant lot. The current building is first visible in 2023.
33	Interstate Center	3800 Southwest College Road	1972	The site is undeveloped wooded land until a gas station is visible in 1972. In 1995, the gas station has been replaced by the current restaurant building.
34	Diamond Oil SR 200	3711 Southwest College Road	1972	The site is undeveloped wooded land until the gas station is visible in 1972. The gas station is absent in 2018 and the site is a vacant lot. A remediation system is visible in the northwest portion of the site in 2023, and monitoring wells are visible on-site.
35	Gadco-Ocala 400	3701 Southwest College Road	1972	The site is undeveloped wooded land until a building is visible in 1972. An apparent fueling canopy is visible in 1984 and is absent in 1989. In 1995 the building is replaced with the current retail building, and remains relatively unchanged through 2023.
36	Home Depot #0253	3300 Southwest 35 <sup>th</sup> Terrace	1995	The site is undeveloped wooded land in 1940 and has been cleared of trees in 1984. The site has been excavated in 1995 and an apparent pond is visible in the center of the site. The pond and the current building are first visible in 1995 and remain relatively unchanged through 2023.
37	Historical Railroad	SR 200	N/A	No evidence of the railroad corridor was observed on the aerial photographs.
38	Agricultural Land Use and Tree Farms	East and West of I-75	1940	In 1940, the majority of the study area is in use as cattle pasture and vacant fields. A tree farm is visible about 200 feet west of I-75, north of Southwest 165th Street, in 1999. An additional tree farm is visible about 125 feet east of I-75, north of CR 231.
39	Areas of Pits-Dumps complex and Udorthents, excavated	East and West of I-75	1964	Earthworking activities are visible southeast and northwest of the I-75 and SR 44 interchange between 1964 and 2006. The southeast area is undeveloped wooded land through 2023, and the northwest area is undeveloped grassed land. An area north of the Greenway, about 550 feet west of I-75 is cleared of trees in 1964, and earthworking activities are visible in from 1984 through 1995.

**Table 3**  
**Primary Ponds Contamination Table**  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
FPID No. 452074-2  
GEC Project No. 4477E1  
page 1 of 4

**Primary Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 0	Pond 0-1 SW	Southwest infield of the I-75 and SR 44 interchange	A gas station was formerly located about 400 feet west of the pond site. A discharge was recorded at this site in November 1986, and groundwater exceedances have been recorded about 350 feet west of the pond site.	The site is undeveloped wooded land in 1960. I-75 was constructed east of the pond site in 1964 and the pond is cleared of trees. The site contains trees in 2010.	The site is undeveloped wooded land.	Due to the documented petroleum contamination impacts within 350 feet, this pond has been assigned a Contamination Risk Rating (CRR) of <b>Medium</b> . If dewatering will not be performed for Pond 0-1, the impacts will not affect construction.
Basin 1	Pond 1-1	About 130 feet east of I-75 and about 810 feet north of SR 44	A gas station is located about 220 feet south of this pond site. A petroleum discharge was recorded at this site in March 1987. A February 2024 Operation and Maintenance Report found groundwater exceedances about 800 feet south of the pond site. Due to the distance, this facility is not considered a contamination concern to the pond site.	The site is undeveloped grassed land in 1960. Two unimproved roads are visible running north to south through the center of the property. The southern portion is wooded. I-75 was constructed west of the pond site in 1964. The northern portion of the site was cleared of heavy vegetation in 1984. Dirt tracks are visible in the northern portion of the site in 2006.	The southern approximate third of the pond site is undeveloped wooded land, and the northern portion is grassed land with sparse trees. An area of dumped debris was observed in the northeast portion of the site. The debris included large kitchen appliances, furniture, a tire, PVC pipe, and household trash. The debris appeared to be inert in nature and does not represent a cause for contamination.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 2	Pond 2-2	About 85 feet west of I-75	N/A	In 1960, the site is vacant rangeland with cattle trails. I-75 was constructed east of this site in 1964. The site was cleared of trees in 1984. The site is undeveloped vacant pastureland through 2023. Tractor trailer truck boxes are used as signs along I-75 from prior to 1995 until 2017.	The site is a grassed cattle pasture with sparse trees.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 3	Pond 3-1	About 140 feet southwest of I-75 and about 460 feet south of Sumter County Road 462 East	N/A	The site is vacant pastureland in 1960 and was tilled or mowed in 1964. I-75 was constructed east of this site in 1964. The northeast portion of the site contains an area of apparent material storage in 2004. Hay bales are visible throughout the site in 2019.	The site is vacant pastureland. Hay bales were observed throughout the site.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 4	Pond 4-1	About 130 feet east of I-75 and 1,700 feet northeast of CR 231	A tree farm has been located about 65 feet south of the pond site since at least 1999. Typical environmental concerns for tree farms include the application of pesticides and herbicides. Due to its distance, the tree farm is not considered a concern for the pond site.	The site is vacant pastureland in 1960 and remains relatively unchanged through 2023. A tree farm is visible about 65 feet south of the site in 1999. I-75 was constructed west of this site in 1964.	The site is vacant pastureland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 5/6	Pond 5-1/6-1	About 140 feet west of I-75 and about 700 feet north of NW 111 Lane	A compost facility is about 415 feet east (across I-75) from this pond site. No complaints, violations, or discharges have been recorded at this site.	The site is vacant pastureland in 1957. I-75 was constructed east of the site in 1964. A residence is visible about 30 feet south of the pond site in 1995. A fence is visible running north to south through the center of the property. In 2013, a doublewide residential home is visible in the southern portion of the property in 2013.	The site is grassed cattle pasture. A double wide mobile home residence is located in the southern portion of the site.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 7	Pond 7-1	About 190 feet east of I-75 and about 650 feet south of NE 130 <sup>th</sup> Avenue	N/A	The site is undeveloped wooded land in 1957, and is cleared of trees in 1984. I-75 was constructed west of this site in 1964. A billboard is visible in the northwest corner of the site in 1995 and is absent in 2017. The site is undeveloped pastureland through 2023.	The site is undeveloped vacant pastureland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 8	Pond 8-3A	About 450 feet east of I-75 and about 460 feet north of NE 130 <sup>th</sup> Avenue	The property was apparently used for field crops between 2004 and 2007. This duration of farming is not considered long enough to create significant contamination impacts with the modern chemicals and application rates.	The site is vacant rangeland in 1957, with the northwest portion containing trees and shrubs. I-75 was constructed west of this site in 1964. The northwest portion has been cleared of trees in 1984. The entire property has been tilled in 2004 and in 2006. In 2013, potential bee hives or materials are visible in the center of the site and are absent in 2016.	The site is vacant cattle pasture.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .



**Table 3**  
Primary Ponds Contamination Table  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
FPID No. 452074-2  
GEC Project No. 4477E1  
page 2 of 4

**Primary Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 8	Pond 8-3B	About 210 feet east of I-75 and about 150 feet south of NE 135th Grove	The property was tilled and planted with apparent grazing grasses for cattle. This is not considered a contamination risk.	The site is vacant pasture land in 1956. I-75 was constructed west of this site in 1964. The entire property is tilled between 2004 and 2010, and is grassed pasture land through 2023.	The site is vacant cattle pasture.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 9	Pond 9-2	About 165 feet west of I-75	N/A	The site is undeveloped wooded land with apparent cattle trails in 1956. I-75 was constructed east of this site in 1964. In 1984, the eastern portion of the site was cleared of trees and is vacant pastureland.	The site is predominantly undeveloped wooded land. The eastern 1.80 acres of the site is undeveloped pastureland. An approximately 1,000-gallon aboveground storage tank and irrigation pump were observed off-site, about 215 feet southwest of the pond site. A petroleum odor was noted in this area. No staining was visible.	Due to the distance of the tank and irrigation pump from the pond site, it is not considered a concern to the pond site soils. This pond has been assigned a CRR of <b>Low</b> .
Basin 10	Pond 10-3	About 270 feet west of I-75 and about 1,200 feet east of SW 20 <sup>th</sup> Avenue Road	N/A	The site is a vacant field in 1956. I-75 was constructed east of this site in 1964. The eastern half and northern border of the site were cleared of grasses in 2004. The site is undeveloped vacant pastureland through 2023.	The site is undeveloped vacant pastureland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 11	Pond 11-1	About 155 feet east of I-75 and about 70 feet west of South Magnolia Avenue	N/A	The site is a vacant field in 1956. I-75 was constructed west of this site in 1964. A small apparent burn pile or soil mound is visible in the northern portion of the site in 2004 and is absent in 2011.	The site is undeveloped vacant pastureland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 12	Pond 12-1	About 200 feet east of I-75 and about 90 feet south of the I-75 northbound weigh station	N/A	The site is an undeveloped vacant field in 1957. I-75 was constructed west of this site in 1964. A weigh station has been constructed about 90 feet north of the site in 1995. East to west striations (clearing activity?) are visible throughout the site in 1999 and are absent in 2004.	The site is an undeveloped vacant field.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 13	Pond 13-1	About 340 feet west of I-75 and about 120 feet north of 21st Terrace	N/A	The site is undeveloped pastureland in 1956. A road is visible to the adjacent east of the site, and an intersecting road extends west onto the pond site. The road located on the pond site is absent in 1957. Two sheds are visible in the southern portion of the site. The southern shed is absent in 1957, and the northern shed is absent in 1964. I-75 was constructed west of this site in 1964. A dirt road is visible in the northern portion of the site in 2004.	The site is an undeveloped vacant field.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 14/15	Pond 14-1/ 15-1	About 775 feet east of I-75, about 2,700 feet south of SR 484	N/A	The site is a vacant field in 1956. I-75 was constructed west of this site in 1964. A sandy area is visible in the northern portion of the site between 1999 and 2013. The entire property is tilled or mowed in 2015.	The site is an undeveloped vacant field.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 16	Pond 16-3	About 145 feet east of I-75	N/A	In 1956, the site is undeveloped pastureland and undeveloped wooded land. I-75 was constructed west of this site in 1964. The entire property is wooded in 1995 and remains relatively unchanged through 2023.	The site is undeveloped wooded land. Soil mounds and apparent land clearing mounds were observed along the northern and eastern boundaries, and in the center of the site. The mounds did not appear to contain hazardous materials. The soil and land clearing mounds are being staged for active driveway construction nearby.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 17	Pond 17-2	About 180 feet west of I-75	N/A	The site is undeveloped wooded land in 1956. Cattle trails are visible on-site in 1964. I-75 was constructed east of this site in 1964. The property is heavily wooded in 1995, and remains relatively unchanged through 2023.	The site is undeveloped wooded land.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 18	Pond 18-4	About 130 feet east of I-75	N/A	The site is undeveloped wooded land in 1956. An unimproved trail is visible in the eastern portion of the site in 1964, and I-75 was constructed to the west of the site. The trail is absent in 1995 and the site remains relatively unchanged through 2023.	The site is undeveloped wooded land.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .

**Table 3**  
Primary Ponds Contamination Table  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
FPID No. 452074-2  
GEC Project No. 4477E1  
page 3 of 4

**Primary Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 19	Pond 19-4	About 650 feet west of I-75	The Pits-Dumps Complex soil type is included within the pond footprint.	In 1956, the site is undeveloped wooded land with cattle trails. I-75 was constructed east of this site in 1964. In 1984, the site has apparently been excavated. Earthworking activities are visible in 1995 and the site is vegetated with trees and grasses in 1999. Tire tracks are visible in the southeast portion of the site in 2023.	The site is undeveloped land vegetated with trees, shrubs, grasses, and vines.	Due to the potential for debris burial during historical excavation activities, this pond has been assigned a CRR of <b>Medium</b> .
Basin 20	Pond 20-2	About 520 feet east of I-75 and about 200 feet east of SW 109th Place	N/A	The site is undeveloped wooded land in 1956 and is cleared of trees in 2015. I-75 was constructed west of this site in 1964.	The site is undeveloped land vegetated with grasses and shrubs.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 21	Pond 21-1	About 90 feet west of I-75 and about 325 feet northwest of SW 106 <sup>th</sup> Street	N/A	In 1940, the site is undeveloped wooded land with cattle trails. An unimproved road runs north to south through the center of the site, and along the southwest border of the property. I-75 was constructed west of this site in 1964. The roads are absent in 1984. The site is cleared of trees between 2004 and 2006, and is grassed pastureland through 2023.	The site is undeveloped grassed pasture land with sparse shrubs and trees.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 22	Pond 22-1	About 145 feet east of I-75	A petroleum spill (Site No. 25) occurred about 200 feet northwest of this pond in 2005 and created soil impacts that appear to have been cleaned up. Due to the soil impact nature of the spill and distance, the spill is not considered a concern for this pond.	In 1940, the site is undeveloped wooded land. I-75 was constructed west of this site in 1964. The site is cleared of trees in 2006 and is undeveloped pastureland through 2023.	The site is undeveloped pastureland.	Due to the lack of documented groundwater contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 23	Pond 23-1	About 115 feet east of I-75	N/A	In 1940, the site is undeveloped wooded land. I-75 was constructed west of this site in 1964. A trail runs along the southern border of the site in 2004. The site is cleared of trees in 2006 and is undeveloped pastureland through 2023.	The site is undeveloped pastureland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 24	Pond 24-1	About 130 feet east of I-75. The eastern half of this pond site shares a footprint with <b>Pond 24-3</b> .	N/A	The site is undeveloped wooded land in 1956. I-75 was constructed west of this site in 1964. The site is cleared of trees in 2006 and is undeveloped pastureland through 2023.	The site is undeveloped pastureland with sparse trees.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 25/26	Pond 25-1/ 26-1	About 110 feet east of I-75 and about 355 feet east of SW 38 <sup>th</sup> Avenue. The northern portion of this pond contains the footprint of <b>Pond 25-2</b> .	A sand mine was observed to the adjacent east of the pond during the site reconnaissance. An approximately 2,000-gallon aboveground storage tank was observed in this area. No leaks or spills were observed regarding the fuel tank, and the sand mine is not considered a significant contamination concern for this pond.	The site is undeveloped vacant rangeland in 1956, is completely planted with rows of pine trees in 1995, and remains relatively unchanged through 2023. I-75 was constructed west of this site in 1964.	The site is planted with rows of pine trees.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 27	Pond 27-3	About 170 feet east of I-75 and about 50 feet north of SW 85 <sup>th</sup> Street	N/A	The site is vacant pastureland from 1956 through 2023.	This pond site is a horse or cattle pasture.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 28	Pond 28-1	About 160 feet east of I-75 and about 80 feet north of SW 35 <sup>th</sup> Avenue	Dumping was observed on-site that included 55-gallon drums.	The site is predominantly vacant land in 1956. I-75 was constructed west of this site in 1964. An apparent residence is visible in the southeast corner of the site and is obscured by tree cover 1995. Potential row crops or a plant nursery are visible throughout the site in 2004.	The site is undeveloped wooded land. An area of about six dumped 55-gallon steel drums, amber glass jugs, a gas canister, and several tires was observed. An abandoned residence was observed in the southeast corner of the site.	Due to the potential for impacts from the dumped 55-gallon drums, this pond has been assigned a CRR of <b>Medium</b> .

**Table 3**  
 Primary Ponds Contamination Table  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
 Marion County and Sumter County, Florida  
 FPID No. 452074-2  
 GEC Project No. 4477E1  
 page 4 of 4

**Primary Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 29	Pond 29-1	About 130 feet east of I-75	The limited sod event is not considered a contamination risk.	The site is vacant pastureland in 1956. I-75 was constructed west of this site in 1964. In 2015, an area running north to south in the center of the site, about 90 feet across, was cut for sod, and a row of shrubs is visible along this area. Two apparent farming vehicles are visible on-site. In 2018, a dirt road runs northeast to southwest through the eastern portion of the site. A soil mound is visible about 275 feet south of the site from 2018 through 2023.	The site is undeveloped vacant pastureland with a natural fence planted with bamboo bisecting the western portion of the site.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 30	Pond 30-3	About 430 feet west of I-75 and about 1,900 feet north of SW 66 <sup>th</sup> Street	N/A	The site is a vacant field in 1956. I-75 was constructed east of this site in 1964. A fence is visible running east to west through the southern portion of the property in 1984 and is absent in 2004 and a fence is visible running east to west through the center of the property in 2006.	The site is undeveloped vacant pastureland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 31	Pond 31-1	About 250 feet west of I-75 and about 65 feet east of SW 40 <sup>th</sup> Avenue	A radio tower is located about 200 feet south of the pond site. Industrial Technologies & Services Americas Inc. (Site No. 29) is located about 190 feet north of the pond site.	The site is undeveloped rangeland with sparse trees in 1956. I-75 was constructed east of this site in 1964. The northern portion of the site is wooded in 1984. The entire site is wooded in 2015. A dirt road is visible in the southern portion of the site from 1999 through 2009 and in 2023.	The site is undeveloped wooded land.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 32	Pond 32-3	About 1,490 feet east of I-75 and about 45 feet south of SW 42 <sup>nd</sup> Street	N/A	The site is vacant pastureland in 1956. I-75 was constructed west of this site in 1964. Horse stables are visible in the eastern portion of the site in 1984, and the site is horse pasture. The site remains relatively unchanged through 2023.	The site is a vacant field containing horse stables along the eastern border.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .

**Table 4**  
Alternative Ponds Contamination Table  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
FPID No. 452074-2  
GEC Project No. 4477E1  
page 1 of 4

**Alternative Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 0	Pond 0-1	This pond site consists of the northeast infield of the I-75 and SR 44 interchange	A radio tower is located about 65 feet south of the northern pond site. A gas station is located about 300 feet east of the northern pond site. A discharge was recorded at this site in March 1987, and groundwater exceedances have been recorded about 400 feet east of the pond site.	The pond is grassed land in 1960. I-75 was constructed west of the pond site in 1964 and the pond is cleared of trees. The pond is grassed land through 2023.	The site is undeveloped grassed and wooded land.	Due to the documented petroleum contamination impacts within 400 feet, this pond has been assigned a Contamination Risk Rating (CRR) of <b>Medium</b> . If dewatering will not be performed for Pond 0-1, the impacts will not affect construction.
Basin 0	Pond 0-2	About 80 feet east of I-75 and about 425 feet south of SR 44	The Pits-Dumps Complex soil type is included within the pond footprint.	The site is undeveloped wooded land with cattle trails in 1960. In 1964, the eastern portion of the site has been cleared of trees and apparent earthworking activities are visible. A pond has been excavated in the western portion of the site in 1984 and has been expanded in 1995. Earthworking activities are visible to the adjacent east of the site through 2010.	The site is primarily undeveloped wooded land. A pond is located in the northern half of the site.	Due to the potential for debris burial during historical excavation activities, this pond has been assigned a CRR of <b>Medium</b> .
Basin 0	Pond 0-3	About 2,900 feet west of I-75 and about 65 feet south of SR 44	N/A	In 1960, the site is undeveloped wooded land with cattle trails. The site was cleared of most trees in 1984, and a pond is excavated in the northern portion of the site in 1995. A concrete pad is visible in the southern portion of the site, and an apparent storage container is visible in the northeast portion and is absent in 1999.	The site is primarily undeveloped wooded land. A pond is located in the northern portion of the site.	Due to the lack of documented contamination impacts on-site, this pond has been assigned a CRR of <b>Low</b> .
Basin 1	Pond 1-3A	About 200 feet west of I-75 and about 1,800 feet north of SR 44	The Pits-Dumps Complex soil type is included within the pond footprint.	An unimproved dirt road runs southwest to northeast through the center of the site in 1995. The site has been cleared of vegetation in 2004 and is a dirt lot. A soil mound containing potential debris is visible in the center of the property in 2006 and is absent in 2019. In 2013, several double-wide residential homes are located in the northwest portion of the site; over 20 are visible in 2013, and are absent in 2023.	The site is a grassed cattle pasture with an unimproved dirt road running southwest to northeast through the center.	Due to the potential for debris burial during historical excavation activities, this pond has been assigned a CRR of <b>Medium</b> .
Basin 1	Pond 1-3B	About 90 feet west of I-75 and about 1,400 feet north of SR 44	The Pits-Dumps Complex soil type is included within the pond footprint.	The site is undeveloped vacant rangeland in 1960. A pond has been excavated about 70 feet west of the property in 1964. The site is cleared of trees in 1984. Apparent soil mounds or earth working is visible in the north and south portions of the site in 1995. An unimproved road is visible in the southeast corner of the site in 2005. The northern 0.10 acres of the site has been cleared of vegetation in 2017 for apparent utility installations.	The site is undeveloped pastureland with an unimproved dirt road in the southeast corner.	Due to the potential for debris burial during historical excavation activities, this pond has been assigned a CRR of <b>Medium</b> .
Basin 2	Pond 2-3	About 140 feet southwest of I-75	The Pits-Dumps Complex soil type is included within the pond footprint.	In 1960, the site is undeveloped wooded land with an unimproved road running along the southeast border. The southeast corner is cleared of vegetation in 1964 and the entire property has been cleared of trees in 1984. A soil mound containing potential debris is visible along the northeast border from 2011 through 2019, and contains trees in 2023. Small soil mounds containing potential debris are visible in the southwest corner of the site from 1995 through 2017.	The site is vacant pastureland with sparse trees.	Due to the potential for contamination impacts from historical excavation activities and debris observed on the aerial photographs, this pond has been assigned a CRR of <b>Medium</b> .

**Table 4**  
Alternative Ponds Contamination Table  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
FPID No. 452074-2  
GEC Project No. 4477E1  
page 2 of 4

**Alternative Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 4	Pond 4-2	About 140 feet west of I-75 and about 1,200 feet north of CR 231	A historical agricultural barn was observed to the adjacent east of the pond site. Typical environmental concerns for barns include the storage and use of pesticides, herbicides, and petroleum products.	The site is undeveloped pastureland with sparse trees in 1960. I-75 was constructed east of this site in 1964. The site has been cleared of trees in 1984 and a barn is visible to the adjacent southeast corner of the site. An unimproved road runs east to west through the southern portion of the site from 1995 through 2023. Horse stables and pens are visible to the adjacent north of the site in 2004. The site is a vacant horse pasture from 2004 through 2023.	The site is a grassed horse pasture with animal pens and horse stables to the adjacent north and a barn to the adjacent south.	Due to the potential for impacts from the adjacent historical agricultural barn, this pond has been assigned a CRR of <b>Medium</b> .
Basin 4	Pond 4-3	About 150 feet west of I-75 and about 1,000 feet north of CR 231	An agricultural barn was observed about 35 feet west of the pond site. Typical environmental concerns for barns include the storage and use of pesticides, herbicides, and petroleum products.	The site is undeveloped wooded land in 1960 and has been cleared of trees in 1984. A dry retention pond is visible in the center of the site. An unimproved road runs east to west through the southern portion of the site. A barn is visible to the adjacent west in 1984. A soil mound is visible in the southwest portion of the site between 2005 and 2007. Soil mounds are visible surrounding the pond from 2008 to 2019.	The site is grassed horse pasture. A dry retention pond was observed in the center of the site. A barn was observed to the adjacent west of the site.	Due to the potential for impacts from the adjacent historical agricultural barn, this pond has been assigned a CRR of <b>Medium</b> .
Basin 5/6	Pond 5-2/6-2	About 1,000 feet west of I-75 and about 725 feet north of NW 111th Lane	An agricultural barn was observed within the pond site. Typical environmental concerns for barns include the storage and use of pesticides, herbicides, and petroleum products.	The site is undeveloped pastureland in 1957. A residence and associated sheds and barns are visible in the western portion of the site in 1995. In 2004, a pathway is visible in the center and eastern portion of the property.	The site is grassed cattle pasture. A residence and three sheds and barns are located in the western portion of the site.	Due to the potential for impacts from the agricultural barns, this pond has been assigned a CRR of <b>Medium</b> .
Basin 8	Pond 8-2	About 1,100 feet east of I-75 and about 200 feet south of NE 135th Grove	The property was tilled and planted with apparent grazing grasses for cattle. This is not considered a contamination risk.	The site is vacant pastureland in 1957. Unimproved roads are visible running north to south and east to west through the center of the site in 2013 and are absent in 2016.	The site is vacant cattle pasture.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 11	Pond 11-2	About 155 feet west of I-75	The land use for planted trees between 1999 and 2004 is not considered long enough to create significant contamination using modern chemicals and application rates.	In 1957, the eastern half of this site looks tilled, and the western half is pastureland. The row crops are absent in 1964 and a residence is visible in the southern portion of the site in 1995. In 1999, a pond is being excavated in the center. The majority of the site has been planted with rows of trees. The on-site row crops are absent in 2006.	A residence, paved driveway, shed and attached animal pens, were observed in the southern portion of the property. A pond is located in the center of the property. A burn pile for tree cuttings was observed in the southwest portion of the property, an area of concrete rubble was observed in the northeast corner of the property. The piles did not appear to contain any hazardous materials.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 13	Pond 13-2	About 190 feet west of I-75, contains a portion of 21 <sup>st</sup> Terrace	Former plant nursery greenhouses were on-site from 2013-2016. Due to the short time-frame, it is not considered to be a significant contamination risk. The SummerGlen Golf Course is located south of this pond site and has no documented contamination impacts.	The site is an undeveloped vacant field in 1956. I-75 was constructed east of this site in 1964. In 1995, apparent shipping containers and vehicles are visible in the southern portion of the site, and are absent in 1999. In 2004, a paved access road is visible in the southern portion of the site. In 2013, three large apparent greenhouse buildings and a residence or office building are visible in the northern portion of the site. The greenhouses are absent in 2016.	The site is vegetated with grasses, shrubs, vines and trees. An area of dumped household trash was observed. An abandoned apparent residence, water well, and underground electric lines were observed on-site. A fence is located in the northern portion of the site. Two potential piezometers were observed in the center of the site.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 14/15	Pond 14-3/15-3	About 135 feet east of I-75 and about 65 feet west of CR 475A	An agricultural barn was observed within the pond site. Typical environmental concerns for barns include the storage and use of pesticides, herbicides, and petroleum products.	In 1956, the site is a vacant field. I-75 was constructed west of this site in 1964. In 1984, the northern portion of the site contains four apparent sheds and a larger barn or residential building. Two sheds or barns are visible in the southwest portion of the site in 1988, and the site contains animal pens.	The site is undeveloped grassed land with two apparent barns, a shed, and apparent residence with an attached garage.	Due to the potential for impacts from the agricultural barns and garage building, this pond has been assigned a CRR of <b>Medium</b> .
Basin 16/17	Pond 16-1/17-3	About 145 feet west of I-75	N/A	In 1956, the site is undeveloped wooded land. and remains relatively unchanged through 2023. I-75 was constructed east of this site in 1964.	The site is undeveloped wooded land.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 18	Pond 18-1	About 150 feet east of I-75	N/A	The site is undeveloped wooded land in 1956. I-75 was constructed west of this site in 1964. In 1964, an unimproved road is visible in the western portion of the site, and is absent in 1995. The site remains relatively unchanged through 2023.	The site is undeveloped wooded land.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .

**Table 4**  
Alternative Ponds Contamination Table  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
FPID No. 452074-2  
GEC Project No. 4477E1  
page 3 of 4

**Alternative Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 19	Pond 19-1	About 155 feet east of I-75 and 115 feet southwest of SW 27 <sup>th</sup> Avenue	N/A	In 1956, the site is undeveloped land with trees and an unimproved dirt road in the center. I-75 was constructed west of this site in 1964. The site is heavily wooded in 1984 and remains relatively unchanged through 2023.	The site is undeveloped wooded land.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 19	Pond 19-3	About 110 feet west of I-75	N/A	The site is undeveloped wooded land in 1956. I-75 was constructed east of this site in 1964. An unimproved road runs east to west through the southern portion of the site, and an additional road or trail is visible in 1965. The southwest corner of the site has been cleared in 1984. This area is grassed and contains a trail in 1995. The site remains relatively unchanged through 2023.	The site is undeveloped wooded land.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 20	Pond 20-3	About 145 feet east of I-75 and contains portions of SW 109th Place	N/A	In 1956, the site is undeveloped wooded land with cattle trails. I-75 was constructed west of this site in 1964. The land to the adjacent east and south has been cleared of trees in 1984. An unimproved road is visible in the center of the property in 2004. An area of debris is visible in the southern portion of the site in 2009. In 2023, the site has been cleared of trees and three residences and a paved road are visible on-site. An apparent dry retention pond is visible in the central portion of the site.	The proposed pond site is part of a subdivision and contains newly constructed residences and a paved roadway. A dry retention pond was observed in the center of the site.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 22	Pond 22-3	About 355 feet east of I-75	N/A	In 1940, the site is undeveloped wooded land. I-75 was constructed west of this site in 1964. In 1984, the land to the adjacent northeast has been cleared of trees. The site has been cleared of trees in 2005 and is undeveloped pastureland through 2023.	The site is undeveloped pastureland with sparse trees.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 24	Pond 24-3	About 160 feet east of I-75. The western quarter of this pond site shares a footprint with <b>Pond 24-1</b> .	N/A	The site is undeveloped wooded land in 1956 and is cleared of most trees in 2005. A sandy area is visible in the southeast corner of the site in 2021.	The site is undeveloped pastureland with sparse trees. Sandy areas were observed throughout the site.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 25	Pond 25-2	About 110 feet east of I-75 and about 355 feet east of SW 38th Avenue. This pond lies within the footprint of <b>Pond 25-1/26-1</b> .	A sand mine was observed to the adjacent east of the pond during the site reconnaissance. An approximately 2,000-gallon aboveground storage tank was observed in this area. No leaks or spills were observed regarding the fuel tank, and the sand mine is not considered a significant contamination concern for this pond.	The site is undeveloped vacant rangeland in 1956 and is completely planted with rows of pine trees in 1995, and remains relatively unchanged through 2023.	The site is planted with rows of pine trees.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 27	Pond 27-1	About 150 feet west of I-75 and about 245 feet north of SW 85 <sup>th</sup> Street	N/A	The site is vacant rangeland with cattle trails in 1956 and is completely wooded in 1988. I-75 was constructed east of this site in 1964. The southern portion of the site has been cleared of trees in 1995. An apparent land clearing debris pile is visible in the southwest corner of the site in 2021, and is located in the south-central portion of the site in 2023.	The site is a horse pasture with trees.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 28	Pond 28-3	About 530 feet west of I-75 and about 80 feet north of SW 80 <sup>th</sup> Street	Dumped debris was observed on-site.	In 1956, the western half of the site is undeveloped land with trees and the eastern half is vacant pastureland. The eastern portion of the site becomes increasingly wooded between 1999 and 2023. A dirt trail is visible running north to south through the center of the property in 2007. Areas of apparent debris are visible throughout the site between 2008 and 2023. An area of dumped tires is visible in the northern portion of the property in 2012 and is absent in 2019.	The site is undeveloped wooded land. An area of dumped debris was observed, including about 20 tires, and household items such as mattresses, a hot tub, a piano, and household trash.	Due to the potential for contamination impacts from the dumped debris, this pond has been assigned a CRR of <b>Medium</b> .

**Table 4**  
Alternative Ponds Contamination Table  
**I-75 FROM SOUTH OF SR 44 TO SR 200**  
Marion County and Sumter County, Florida  
FPID No. 452074-2  
GEC Project No. 4477E1  
page 4 of 4

**Alternative Ponds Contamination Table - February 19, 2024**

Basin No.	Pond Site No.	Location	Contamination Sites of Concern	Aerial Photograph Review	Site Observations	Risk Potential
Basin 29	Pond 29-2	About 150 feet east of I-75 and about 2,900 feet south of SW 66 <sup>th</sup> Street	An agricultural barn was observed within the pond site. Typical environmental concerns for barns include the storage and use of pesticides, herbicides, and petroleum products.	The site is undeveloped vacant pastureland with a wooded area in the northeast portion of the site in 1956. An apparent barn and animal pen are visible to the adjacent south of the site in 1984, and are absent in 2016.	The site is undeveloped wooded land and pastureland.	Due to the potential for impacts from the adjacent historical agricultural barn, this pond has been assigned a CRR of <b>Medium</b> .
Basin 30	Pond 30-1A	About 230 feet west of I-75 and about 3,000 feet north of SW 66th Street. The footprint of this pond site is contained within the footprint of <b>Pond 30-2</b> .	N/A	The site is undeveloped vacant pastureland in 1956 and remains relatively unchanged through 2023. I-75 was constructed east of this site in 1964.	The site is undeveloped vacant pastureland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .
Basin 30	Pond 30-2	About 230 feet west of I-75 and about 3,000 feet north of SW 66th Street. The eastern half of this pond site contains the footprint of <b>Pond 30-1A</b> .	N/A	The site is undeveloped vacant rangeland in 1956. The southwest corner of the site contains trees. The western portion of the site contains dirt trails in 2023. I-75 was constructed east of this site in 1964.	The site is undeveloped vacant rangeland.	Due to the lack of documented contamination impacts within 500 feet, this pond has been assigned a CRR of <b>Low</b> .

# **APPENDIX A**

## **Historical Aerial Photographs**

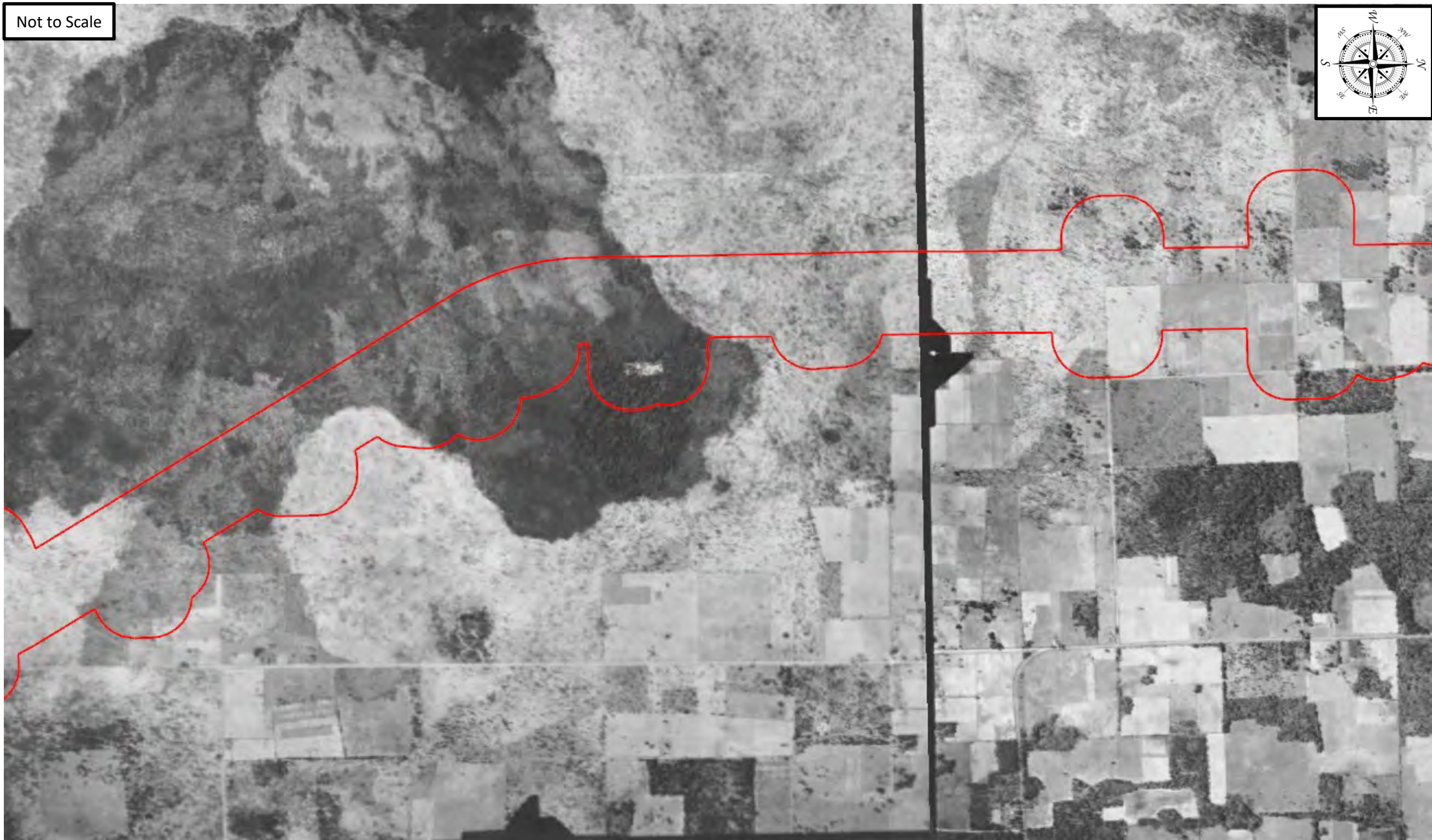
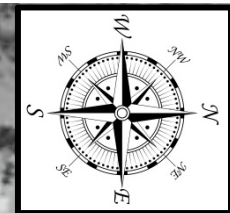


Not to Scale



1940/1941 (1 of 5)

Not to Scale



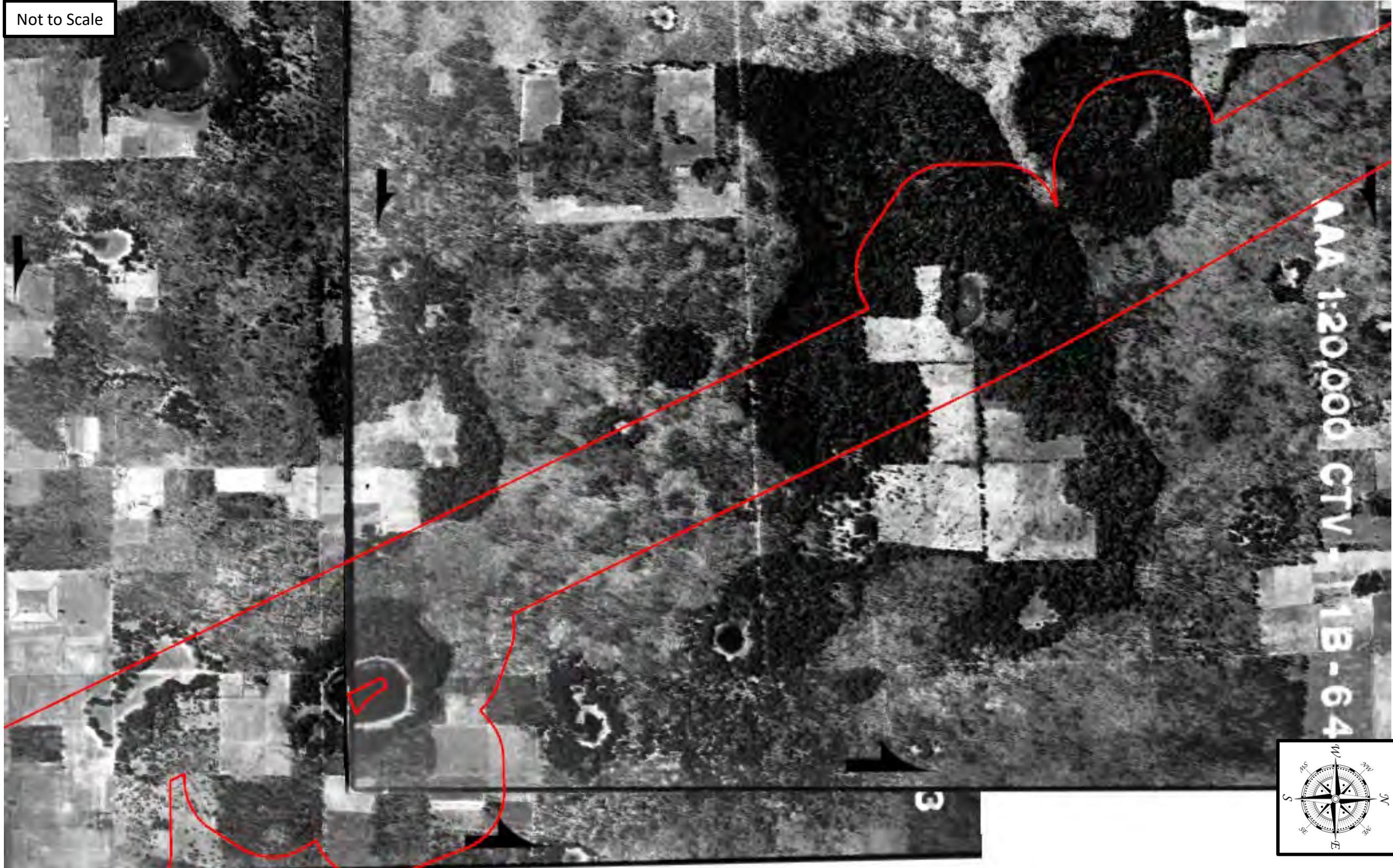
1940/1941 (2 of 5)

Not to Scale



1940/1941 (3 of 5)

Not to Scale



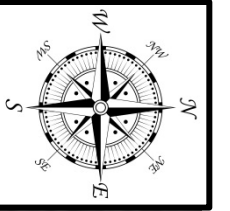
1940/1941 (4 of 5)



Not to Scale

1940/1941 (5 of 5)

Not to Scale



1949



Not to Scale

1951 (1 of 3)

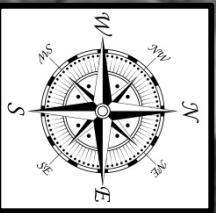


Not to Scale





Not to Scale



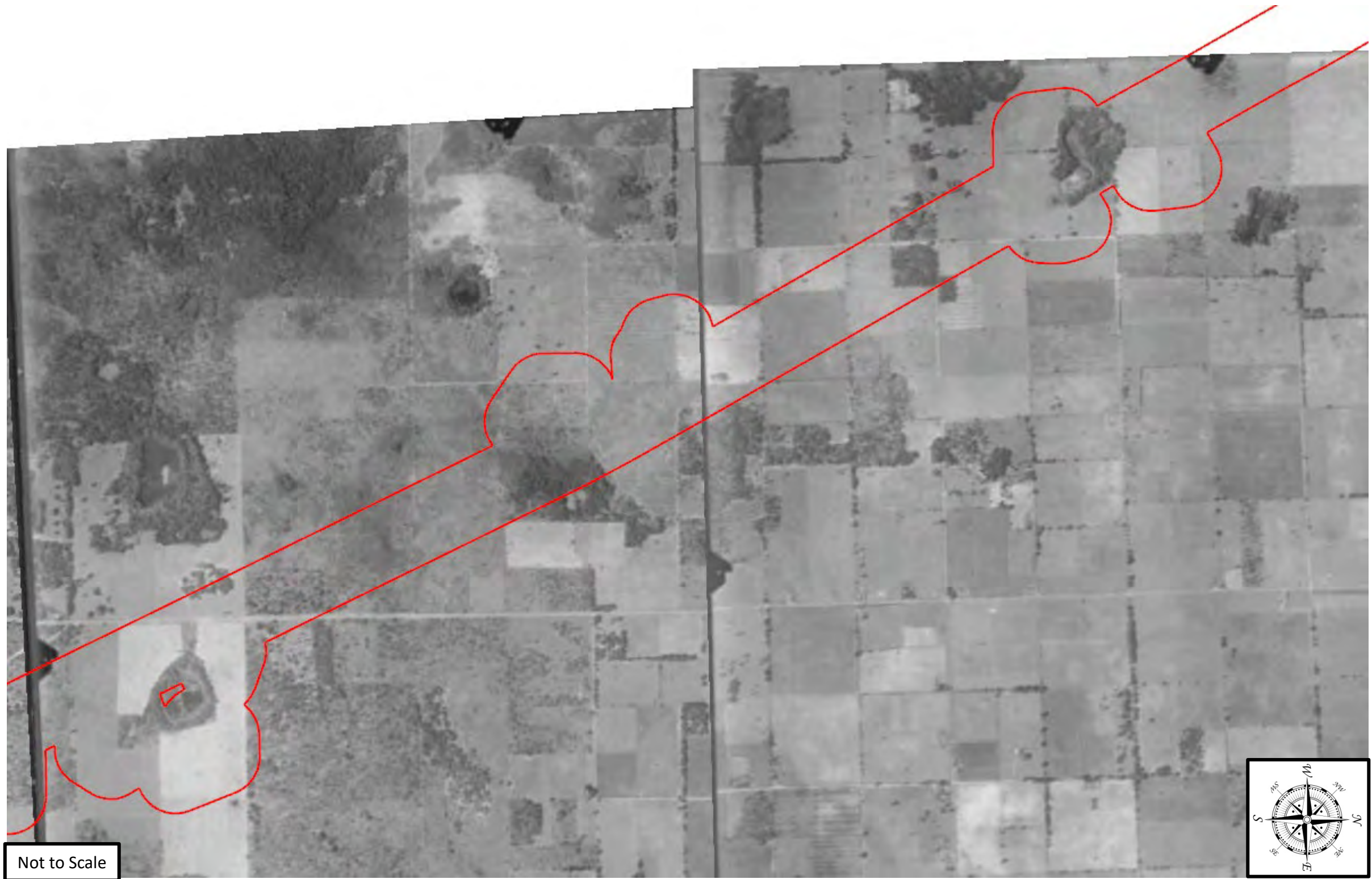


1960 (1 of 3)



Not to Scale

1960 (2 of 3)



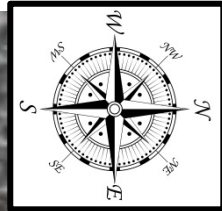


Not to Scale

1964 (1 of 4)



Not to Scale



Not to Scale



Not to Scale

1964 (4 of 4)





1972 (1 of 3)

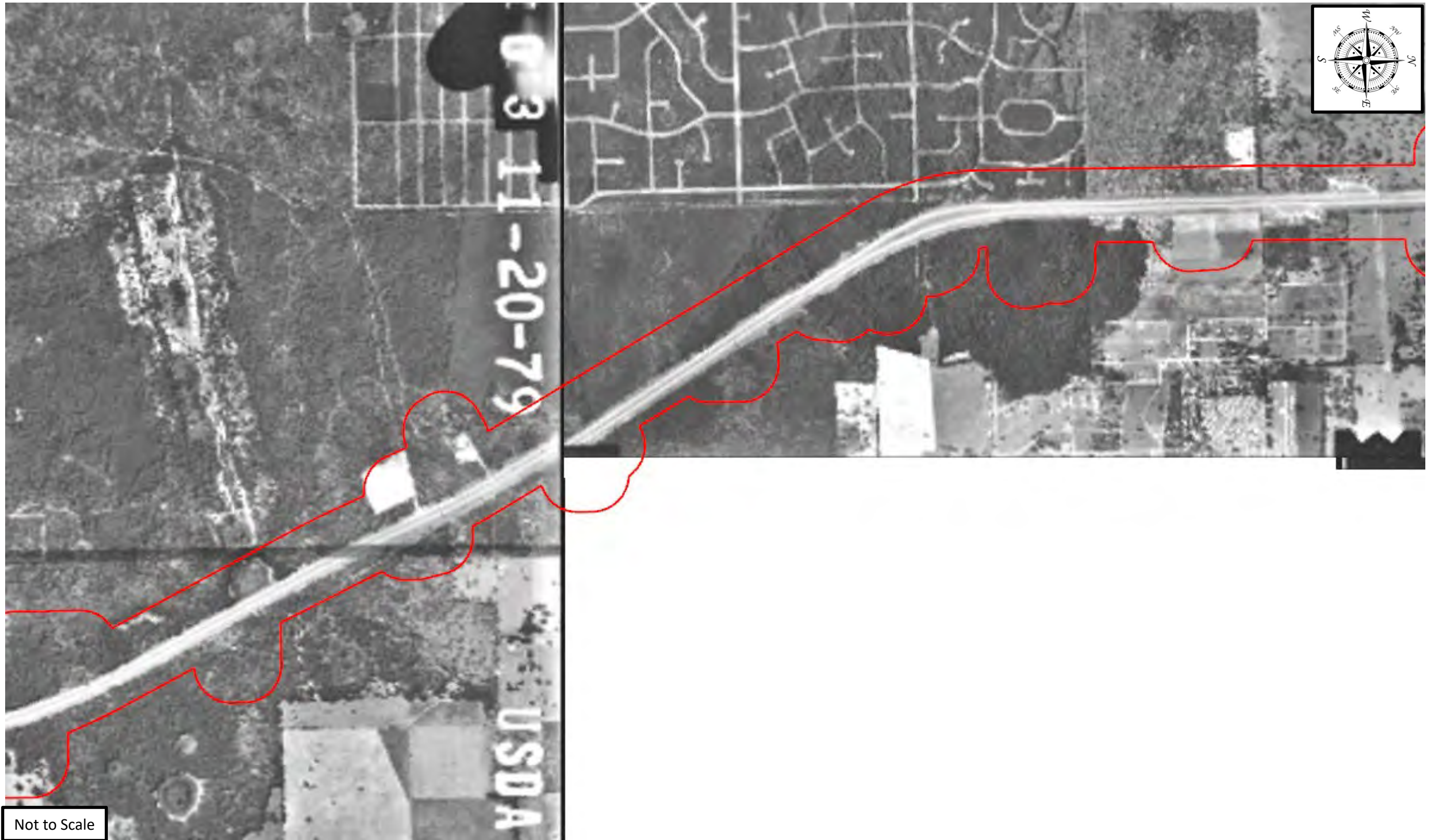


Not to Scale

1972 (2 of 3)







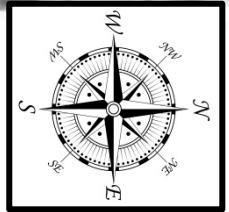
Not to Scale



Not to Scale



Not to Scale



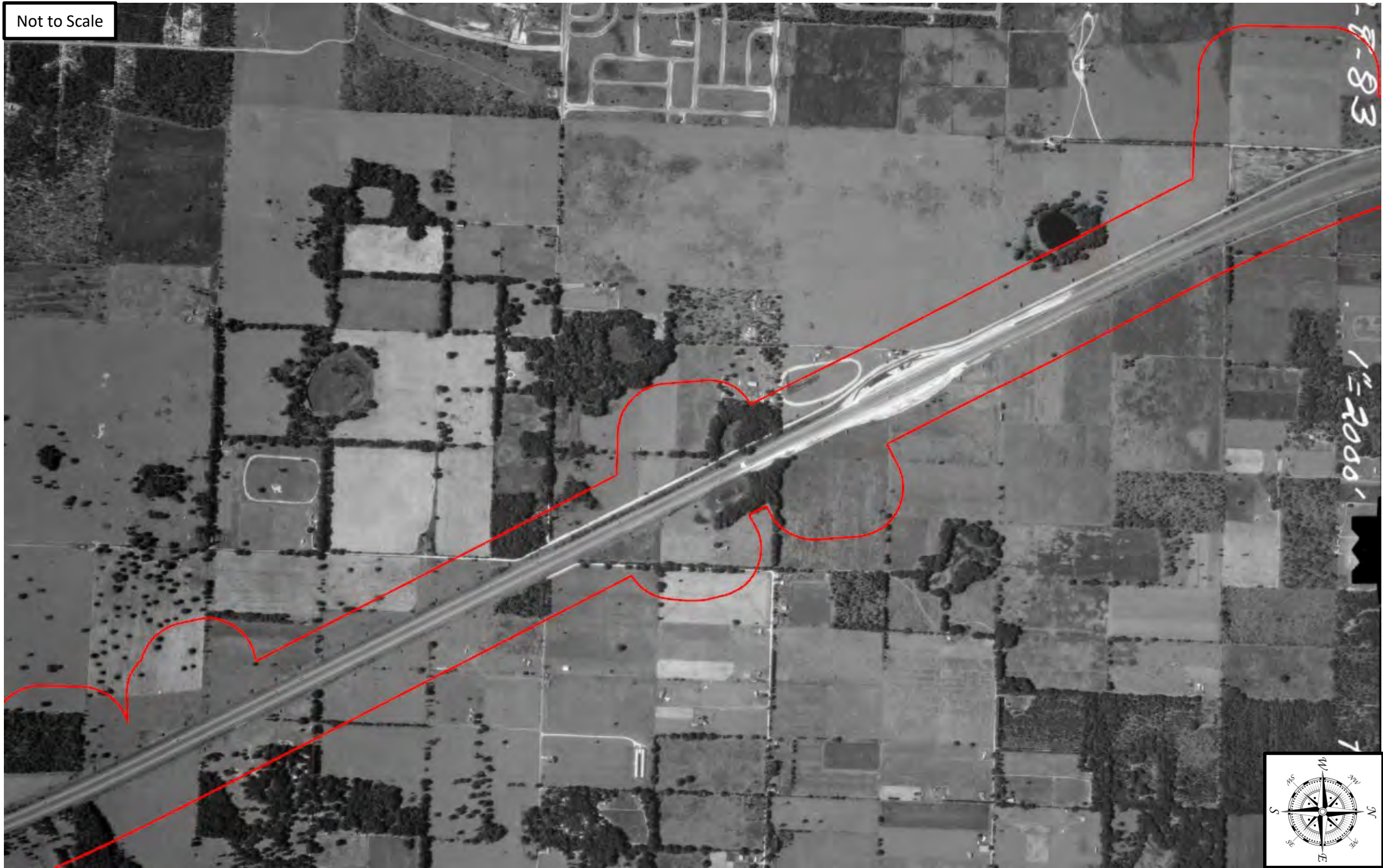






Not to Scale

Not to Scale





1983 (4 of 5)





Not to Scale

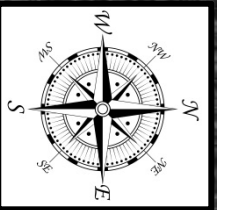
Image U.S. Geological Survey

1995 (1 of 8)



Not to Scale

Image U.S. Geological Survey



1995 (2 of 8)

Not to Scale

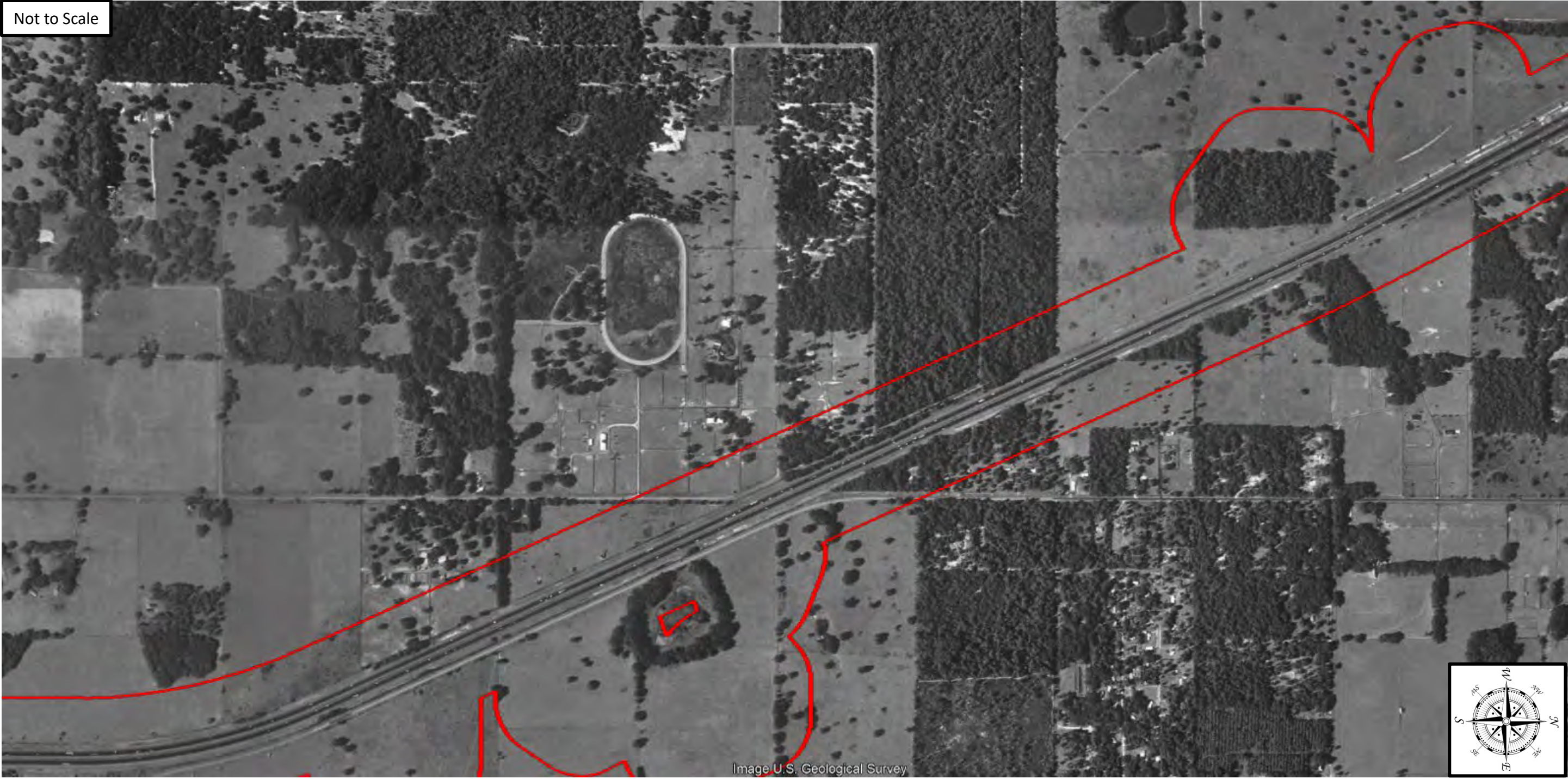




Image U.S. Geological Survey

Not to Scale

1995 (4 of 8)



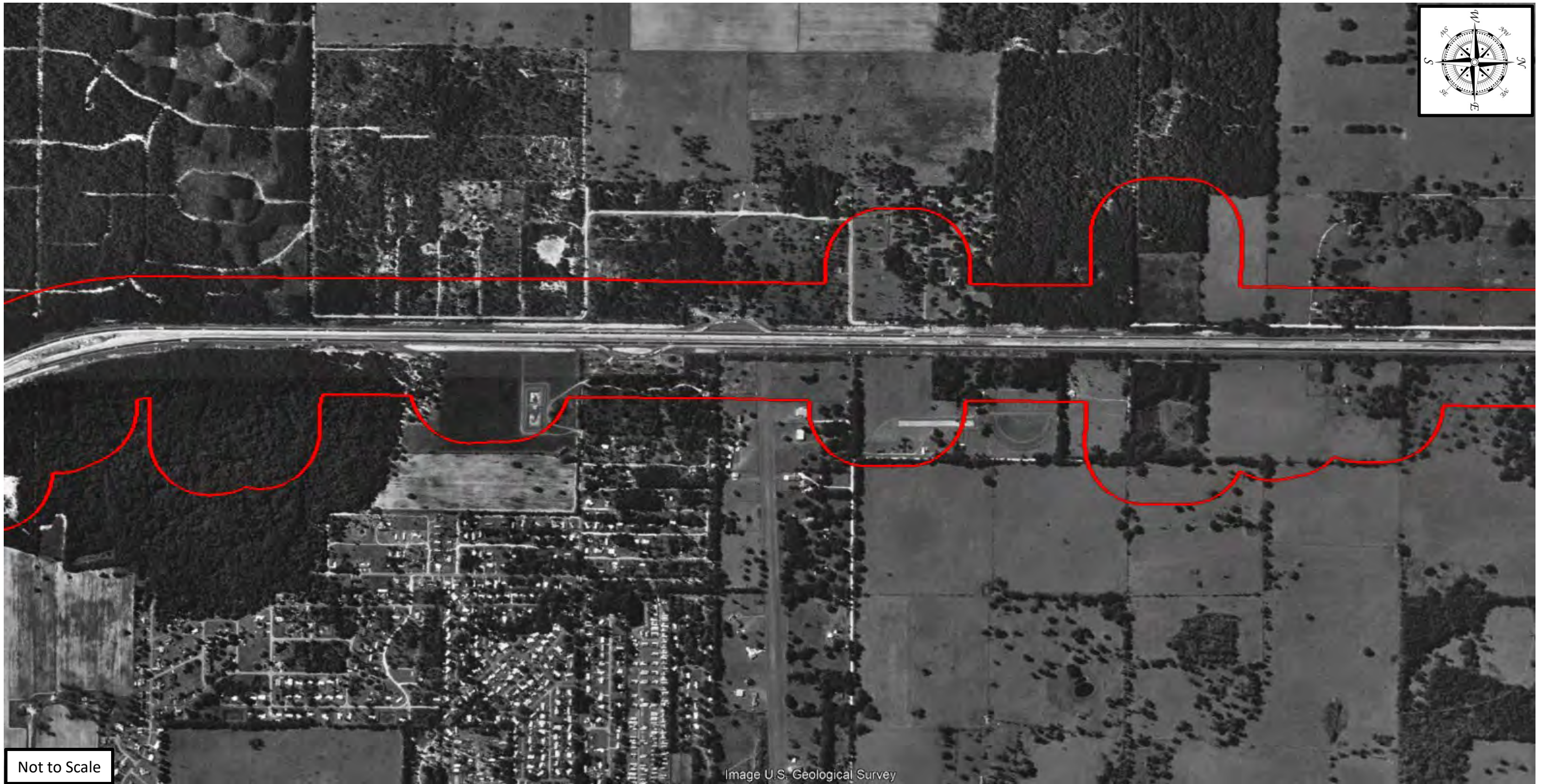


Not to Scale

Not to Scale



1995 (6 of 8)



Not to Scale

Image U.S. Geological Survey

1995 (7 of 8)



1995 (8 of 8)



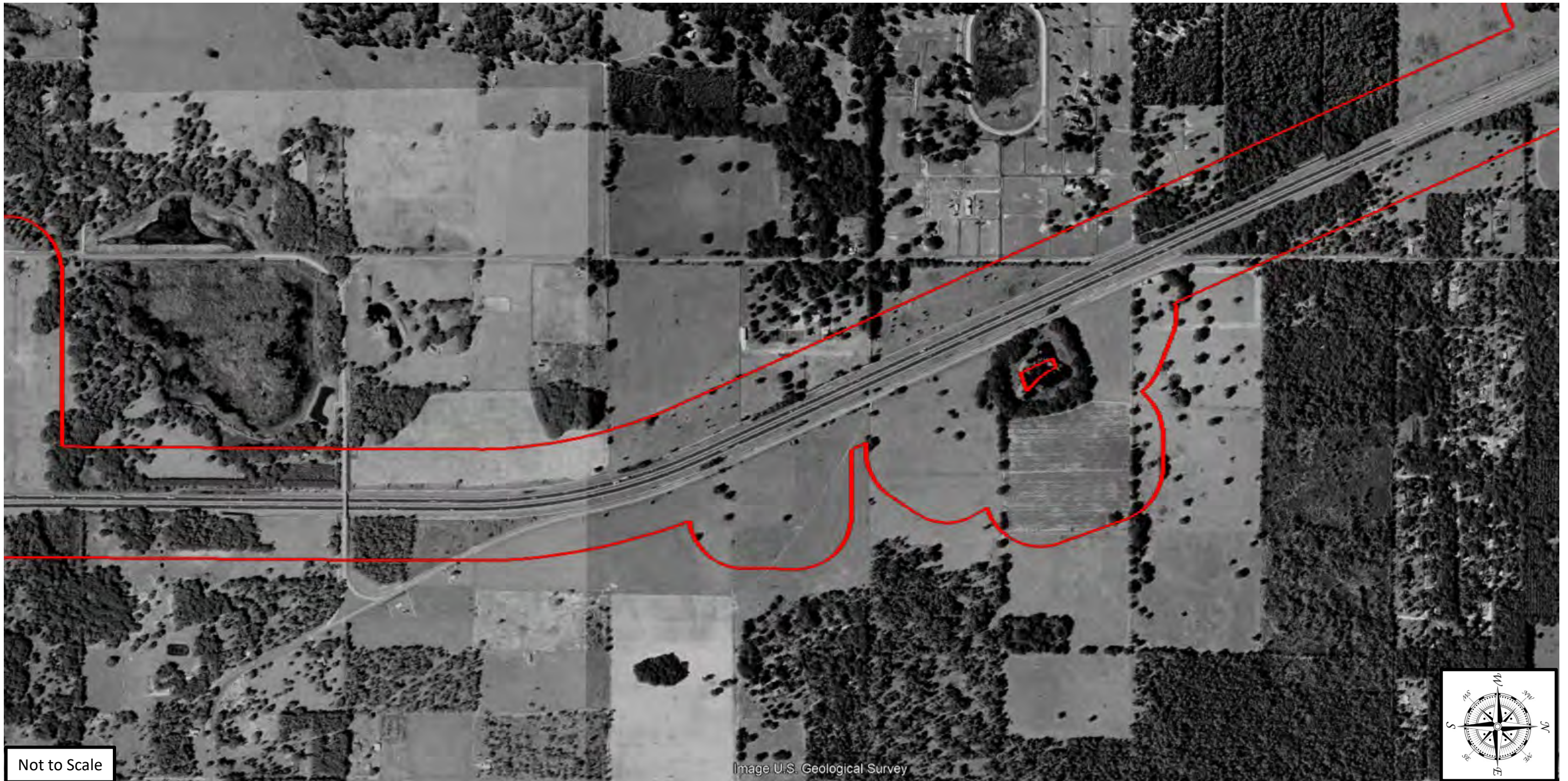
Not to Scale

1999 (1 of 8)

Not to Scale



1999 (2 of 8)



Not to Scale

Image U.S. Geological Survey

1999 (3 of 8)

Not to Scale



1999 (4 of 8)





Not to Scale

Image U.S. Geological Survey

1999 (5 of 8)

Not to Scale





Not to Scale

Image U.S. Geological Survey



Not to Scale



Not to Scale

Not to Scale

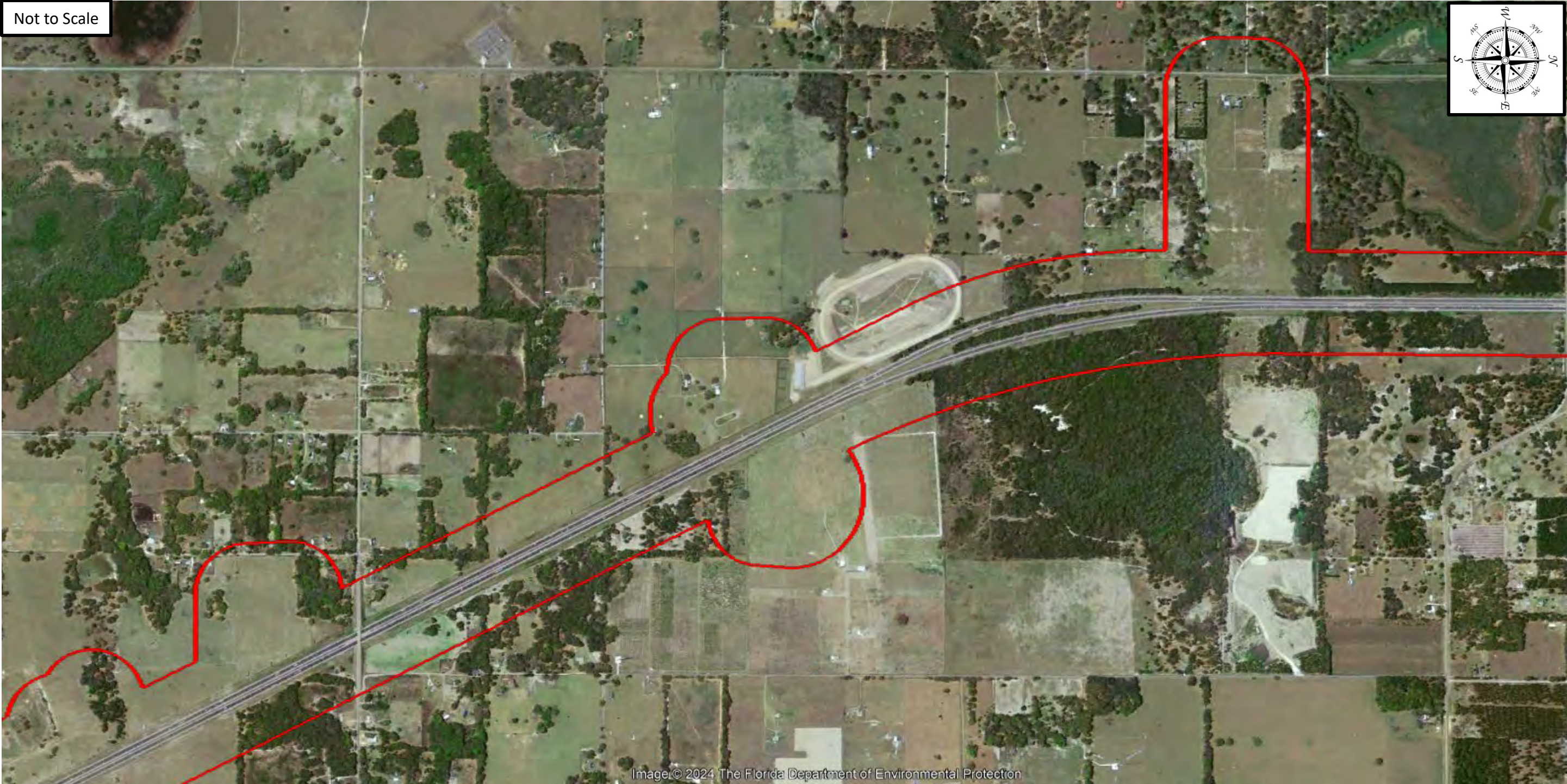
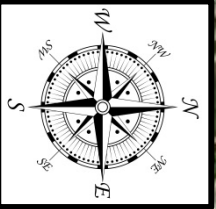
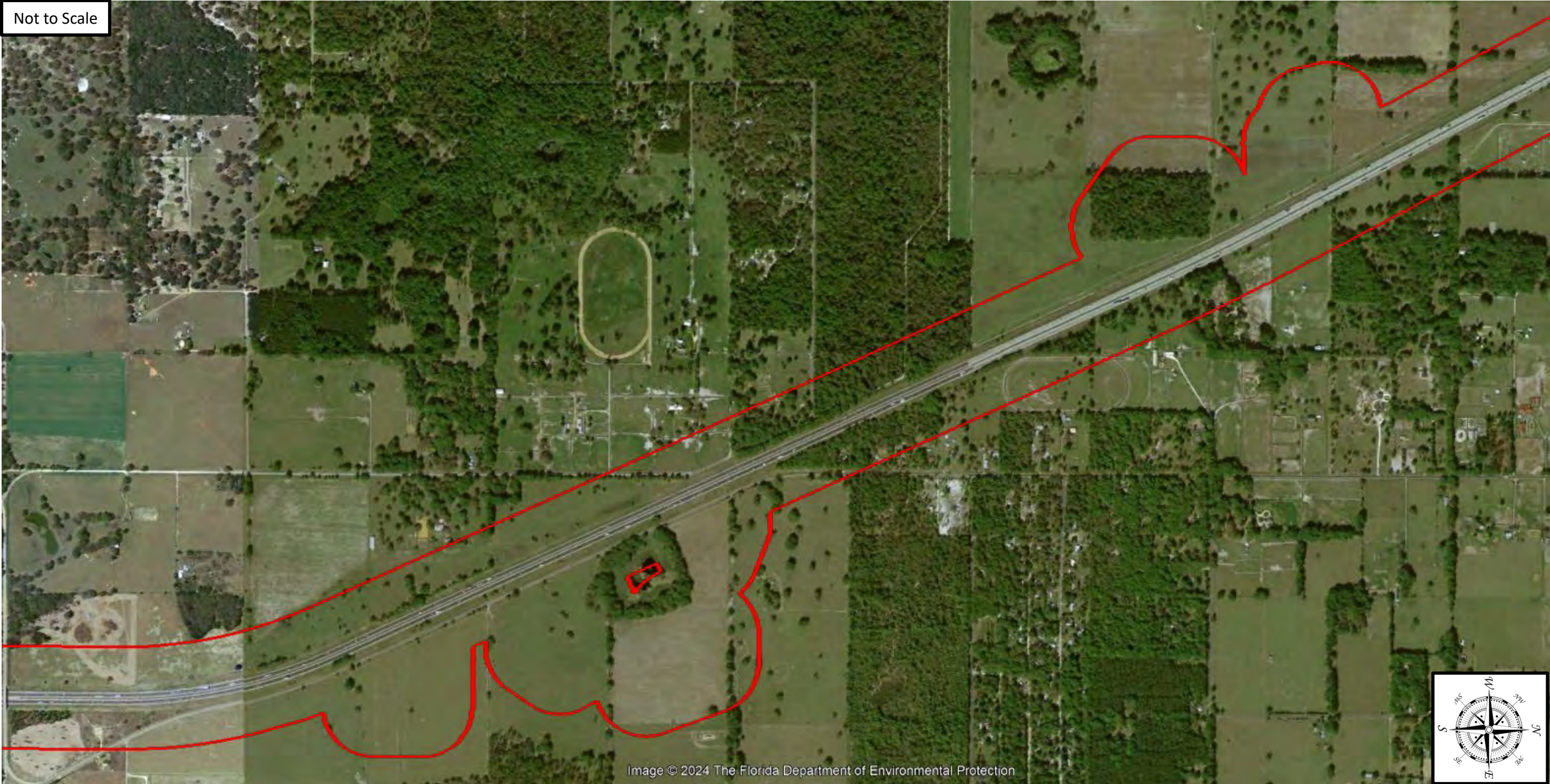


Image © 2024 The Florida Department of Environmental Protection

Not to Scale



Not to Scale

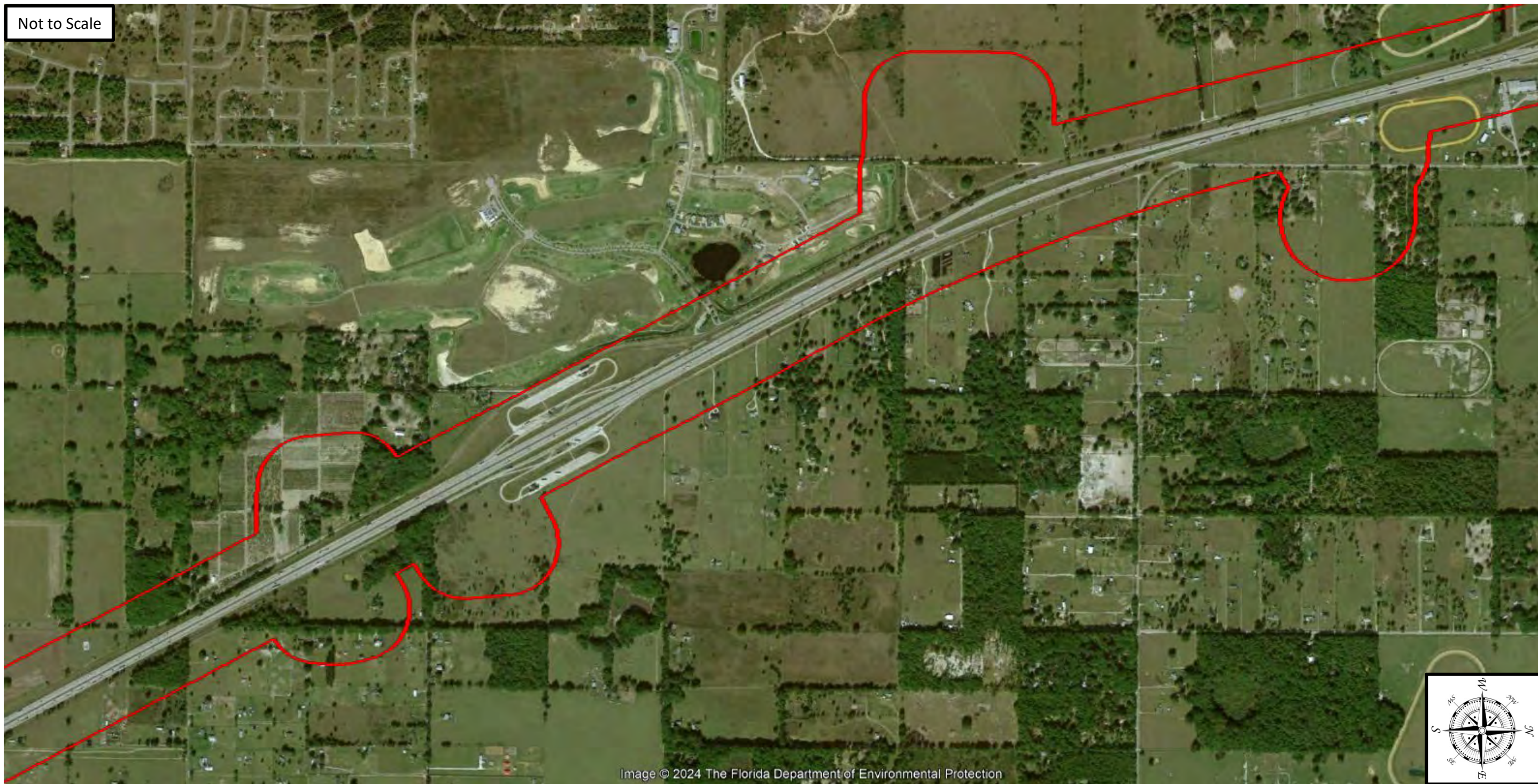
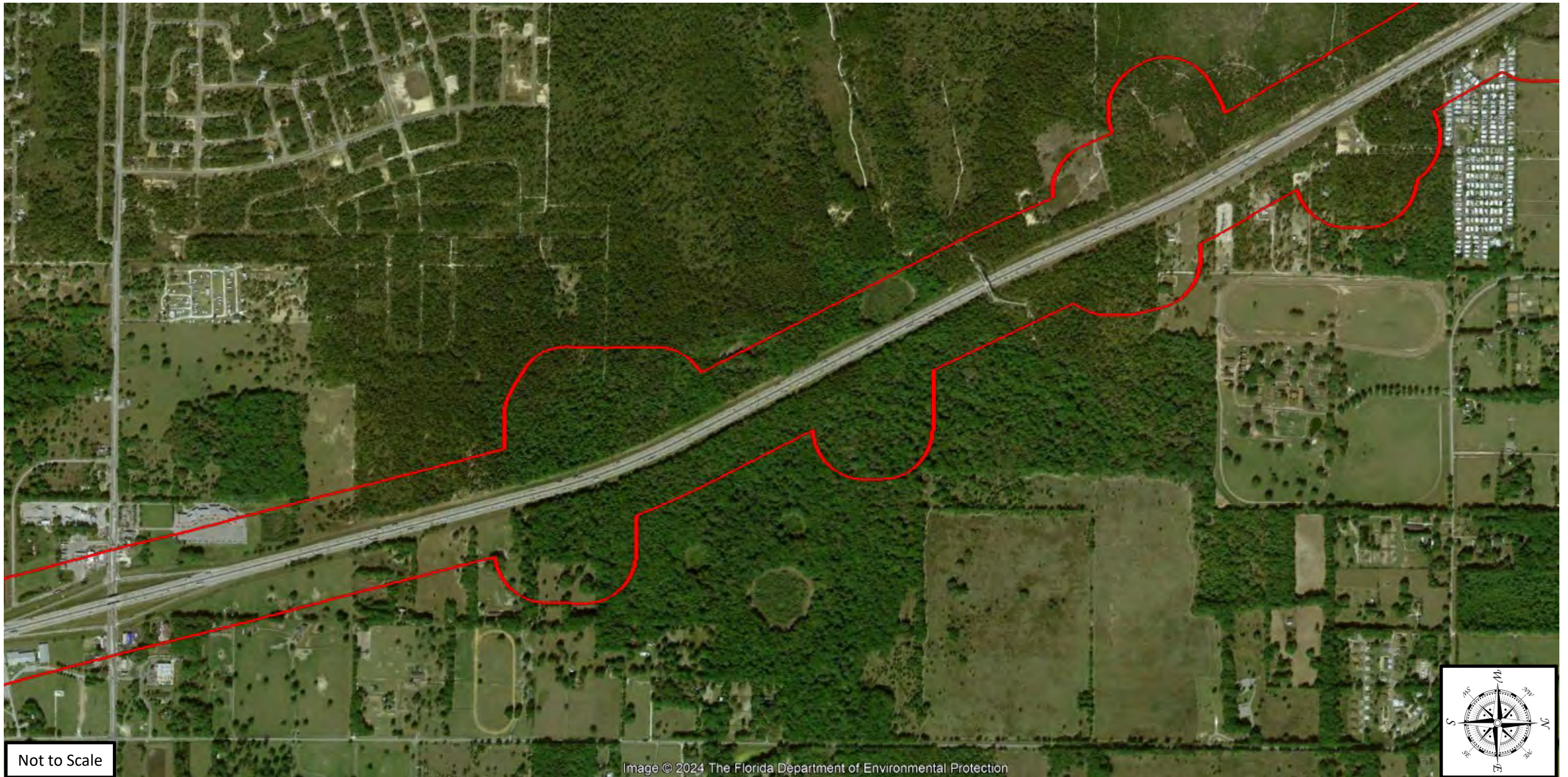


Image © 2024 The Florida Department of Environmental Protection

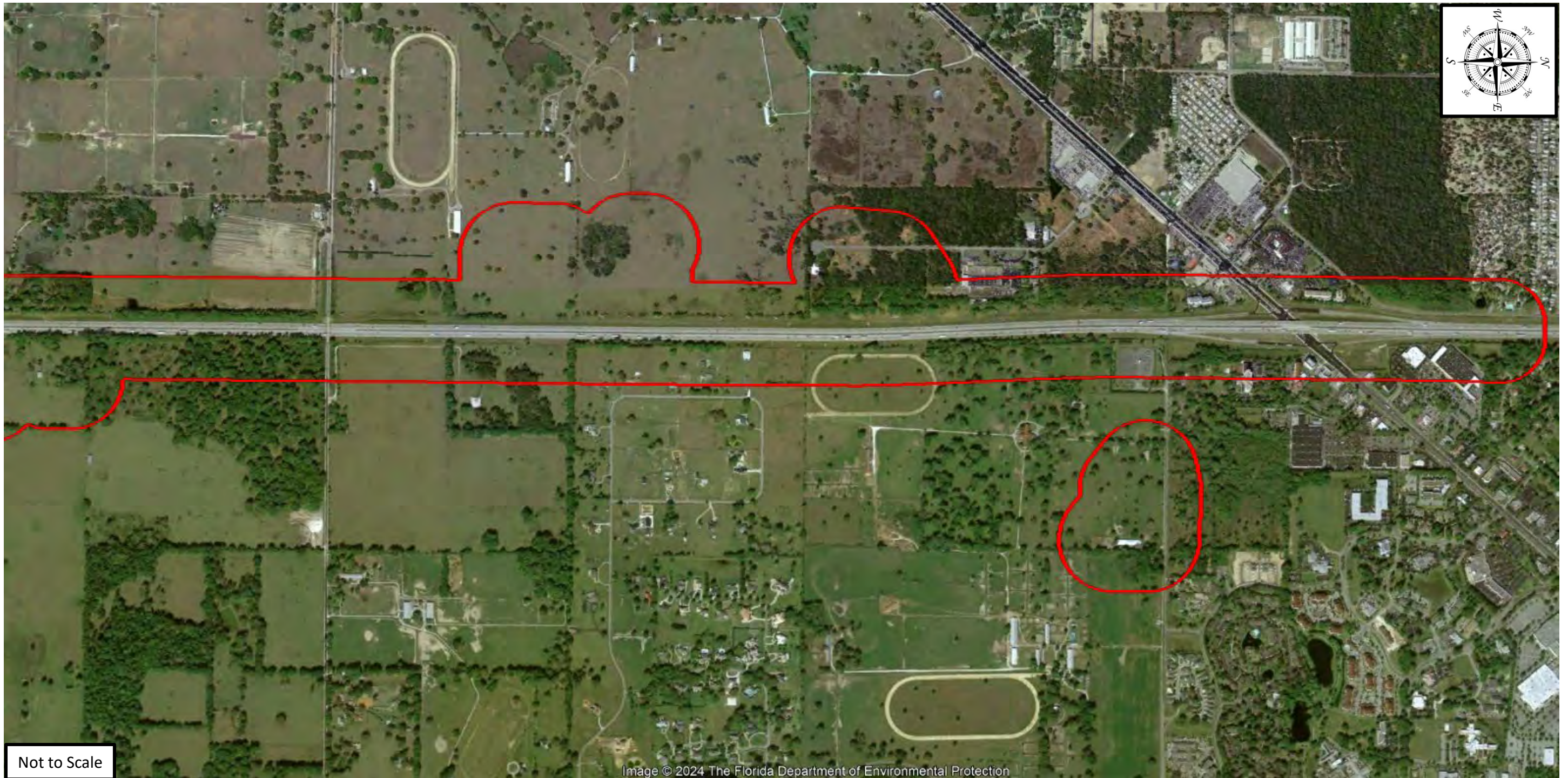




Not to Scale

Image © 2024 The Florida Department of Environmental Protection



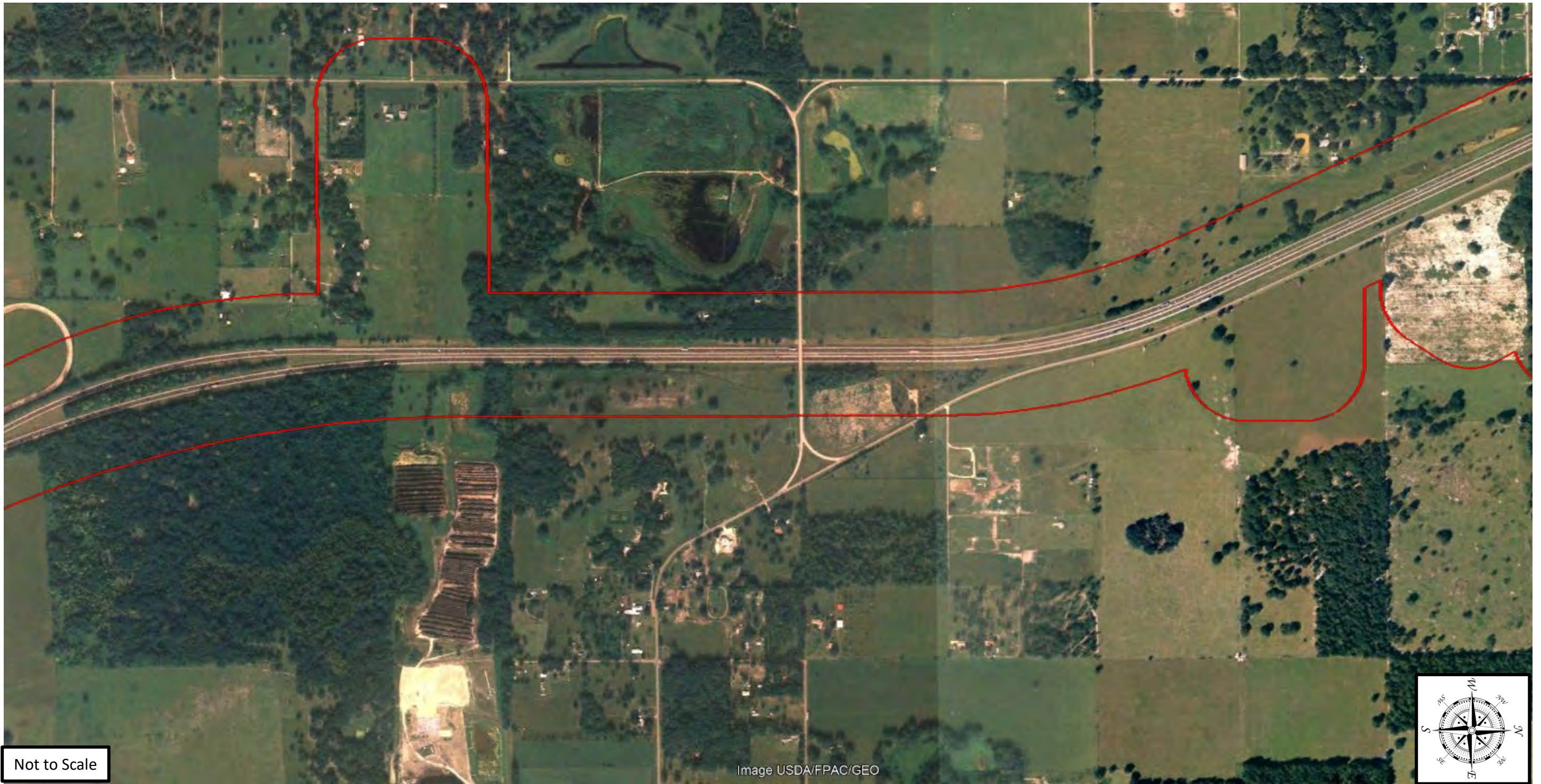


Not to Scale

Image © 2024 The Florida Department of Environmental Protection



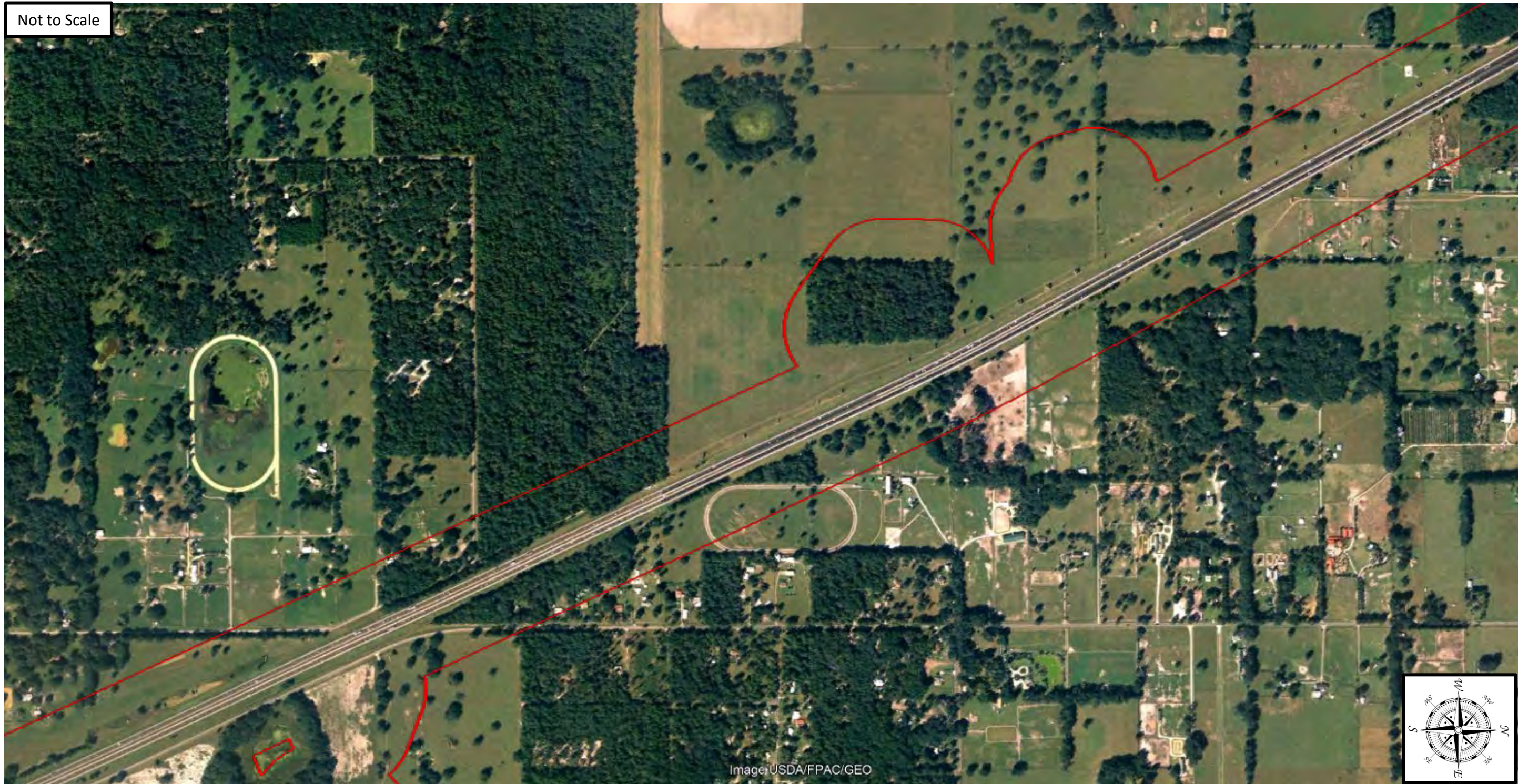
Not to Scale



Not to Scale

Image USDA/FPAC/GEO

Not to Scale





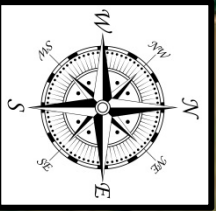
Not to Scale

Image USDA/FPAC/GEO



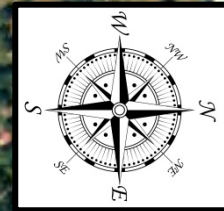
Not to Scale

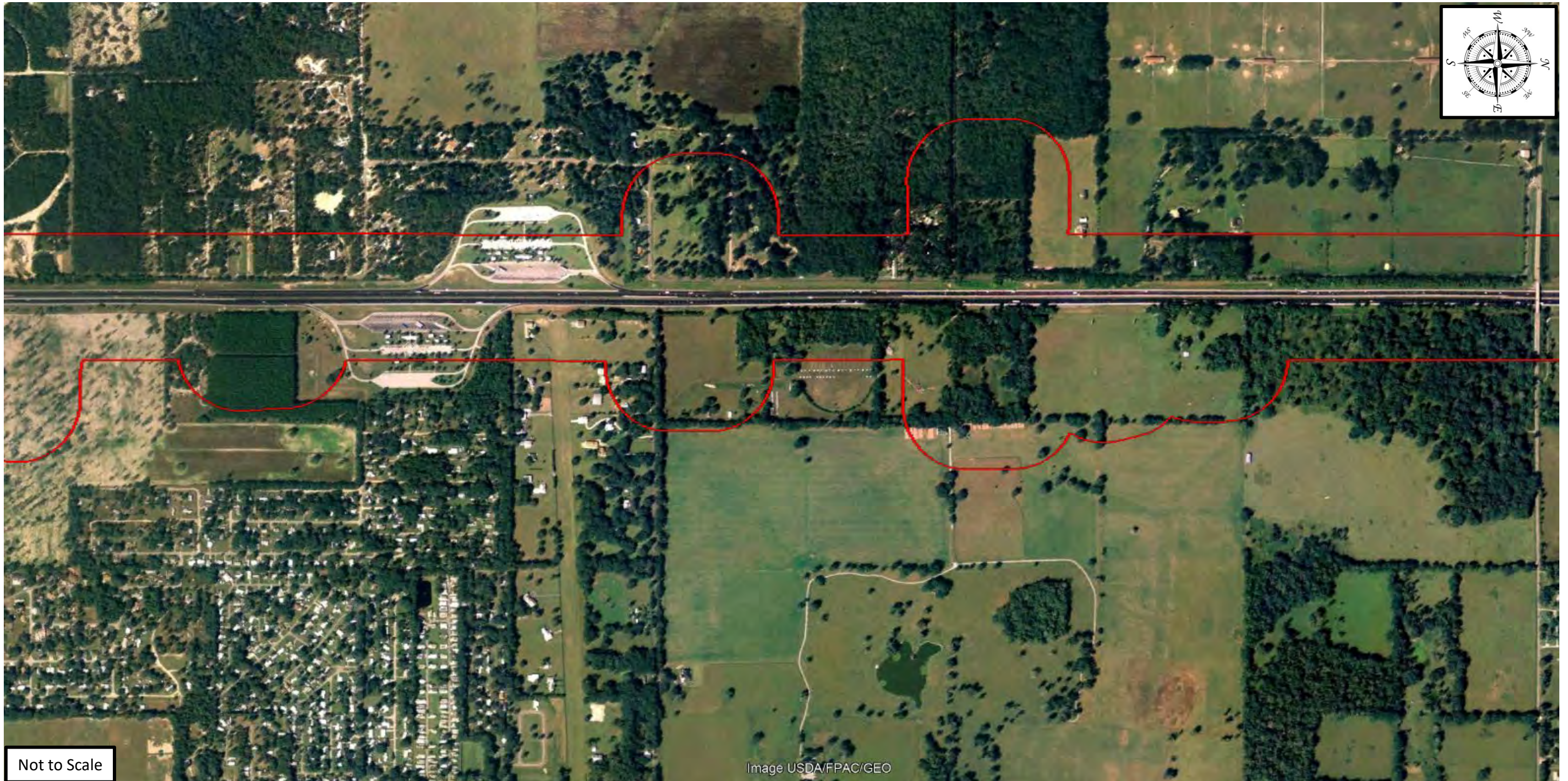
Image USDA/FPAC/GEO





Not to Scale





Not to Scale

Image USDAFPAC/GEO



Not to Scale

Image U.S. Geological Survey

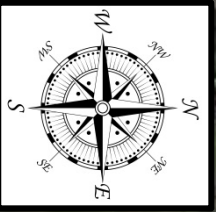


Not to Scale

2013 (1 of 7)



Not to Scale



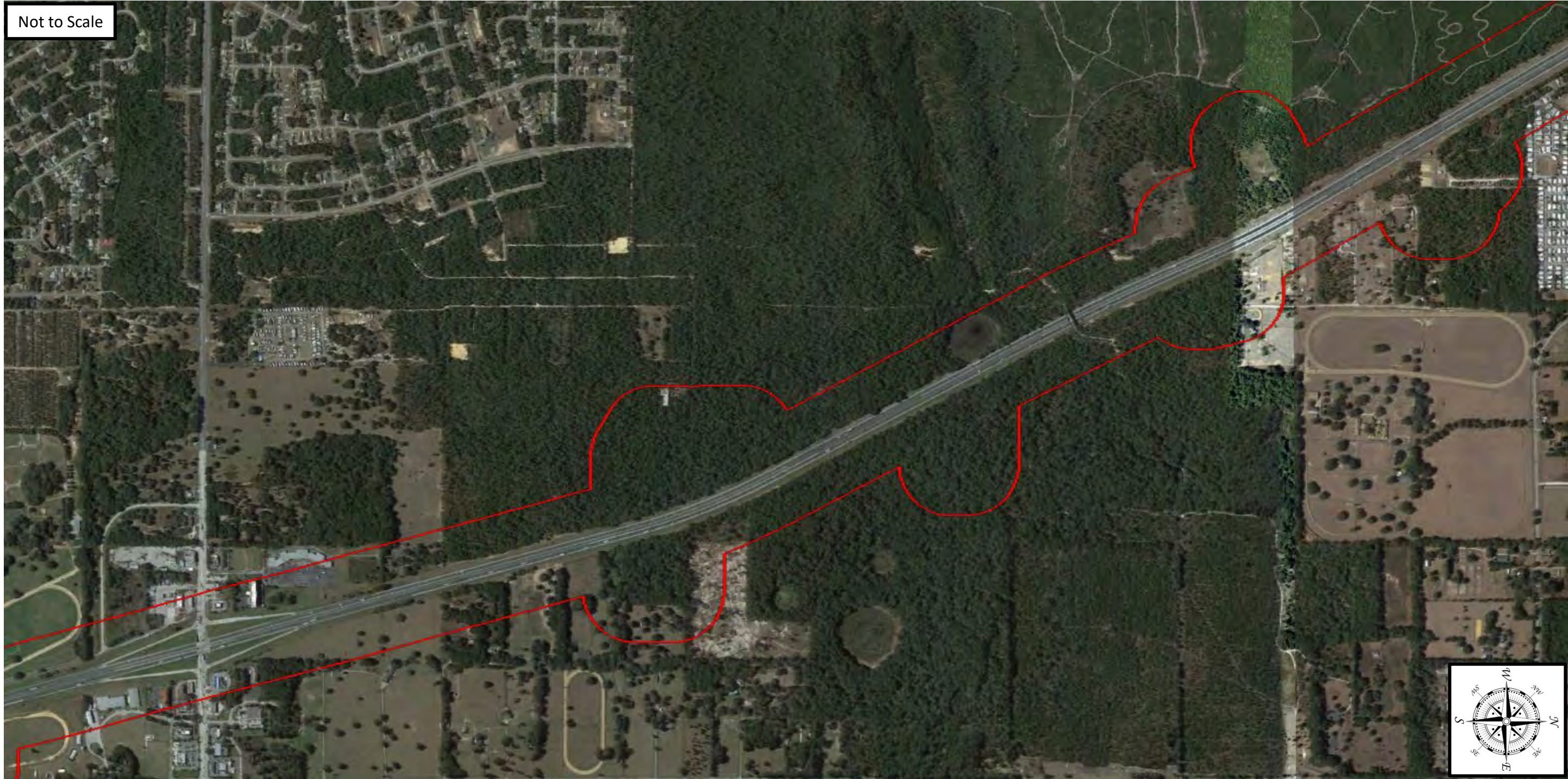


Not to Scale

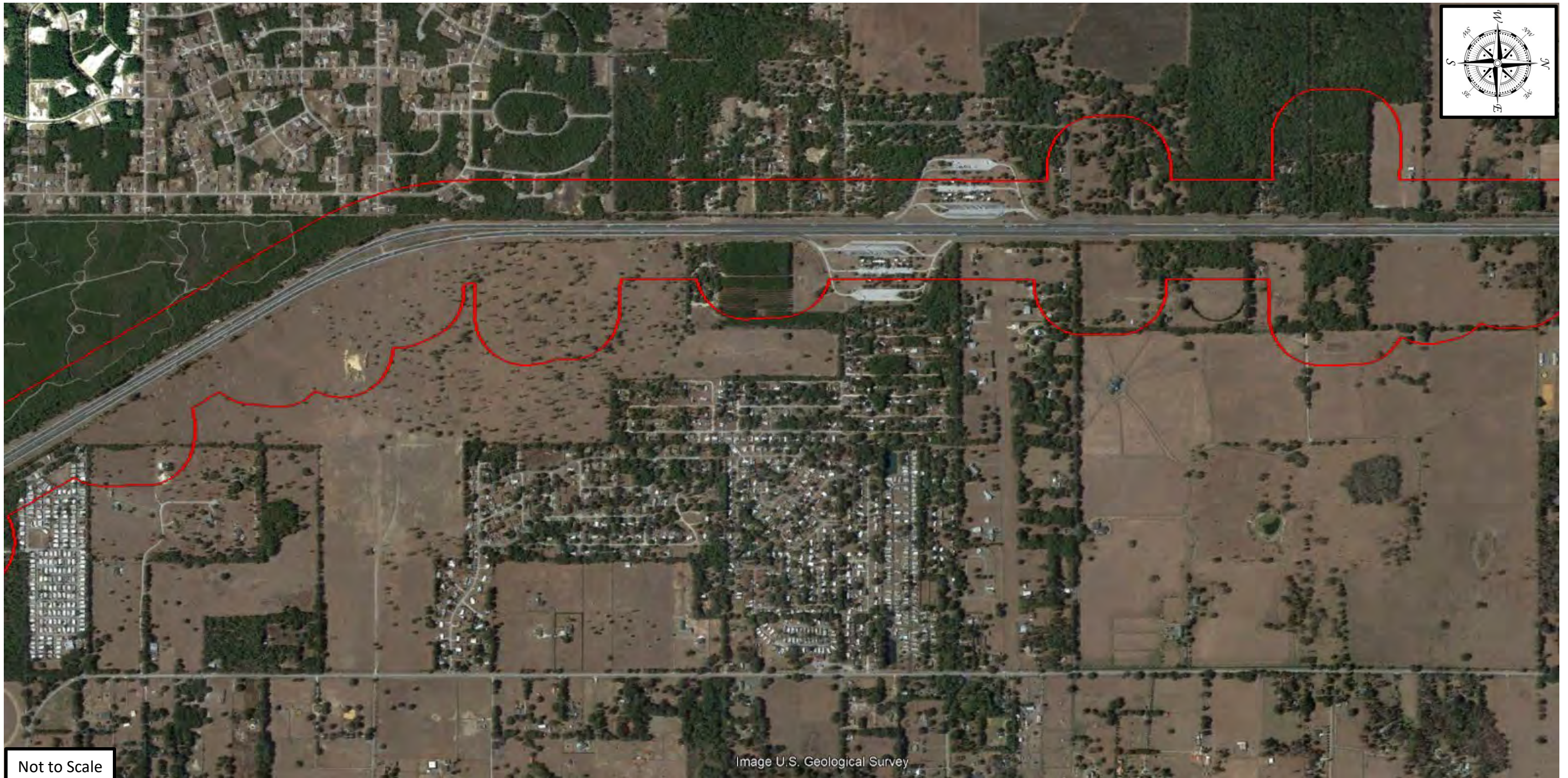
Not to Scale



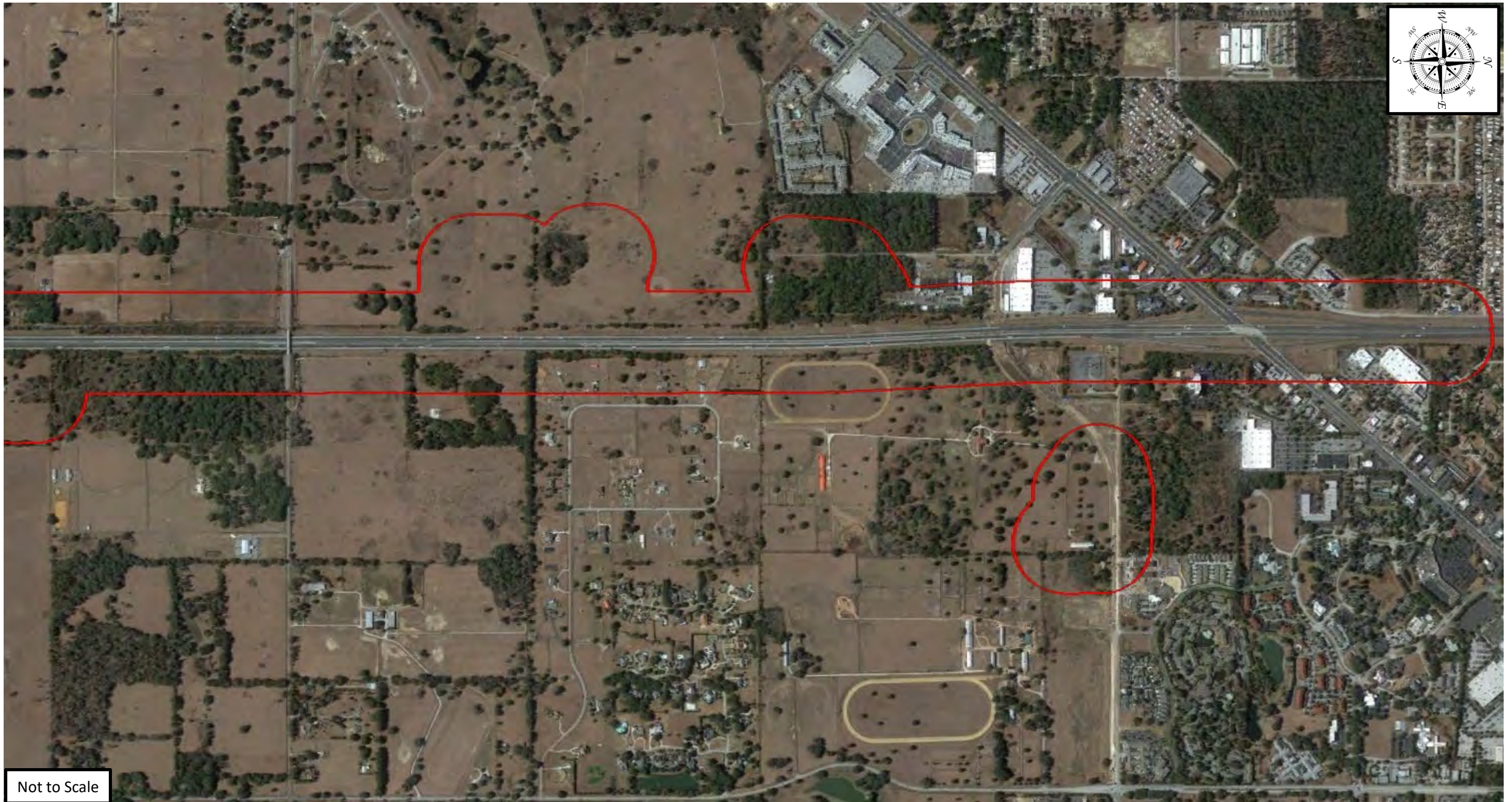
Not to Scale







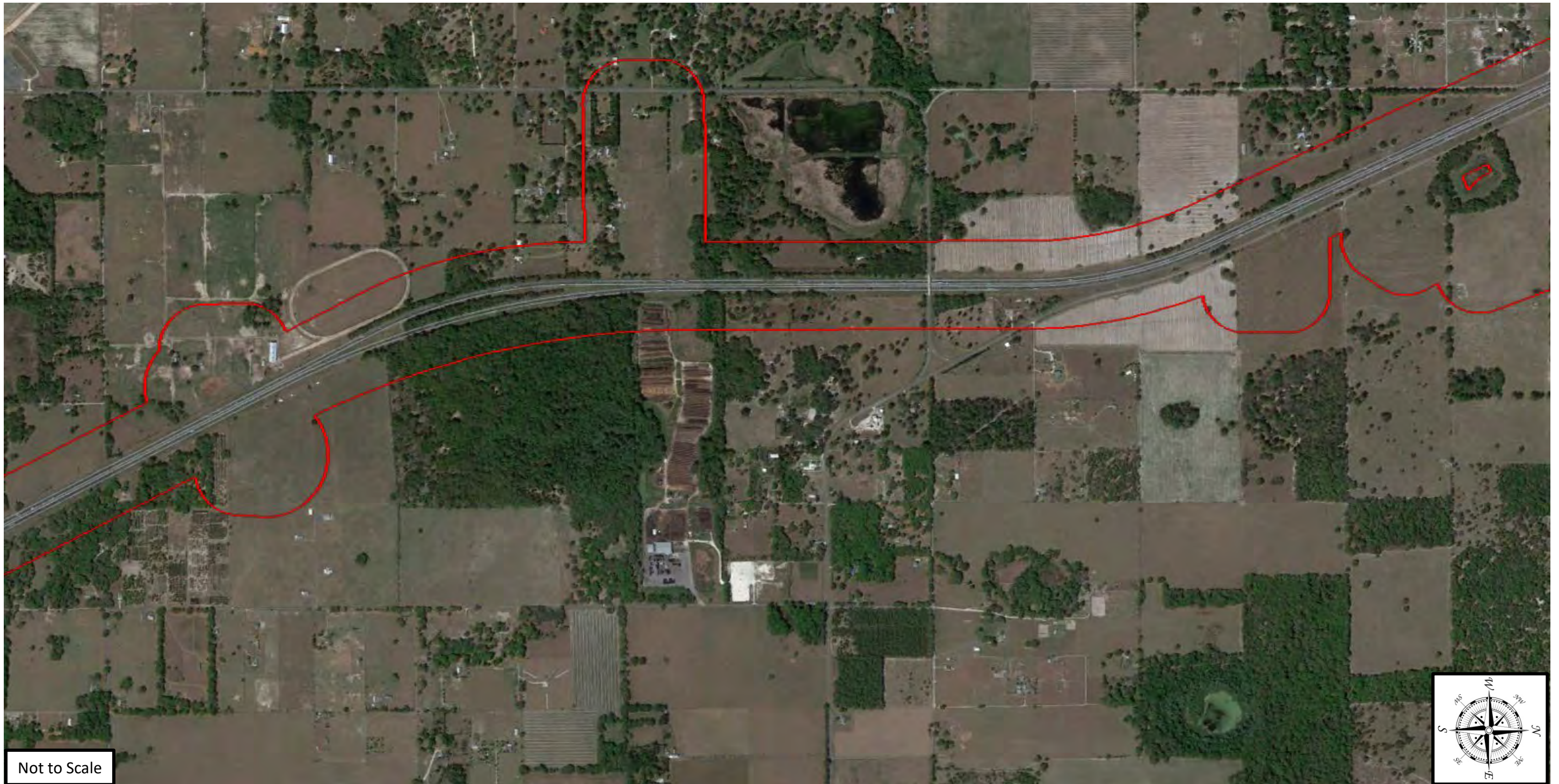
Not to Scale



Not to Scale



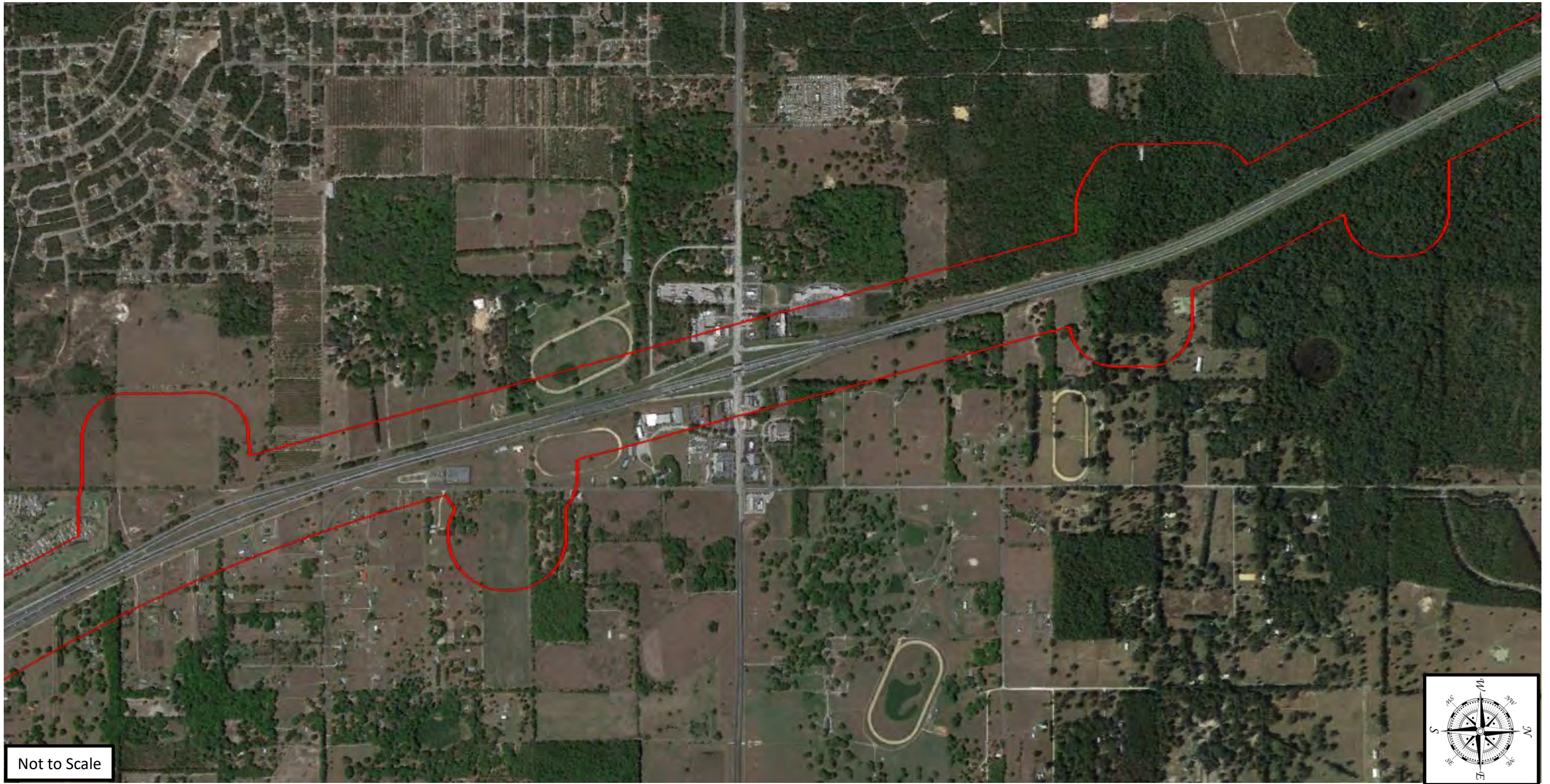
Not to Scale



Not to Scale

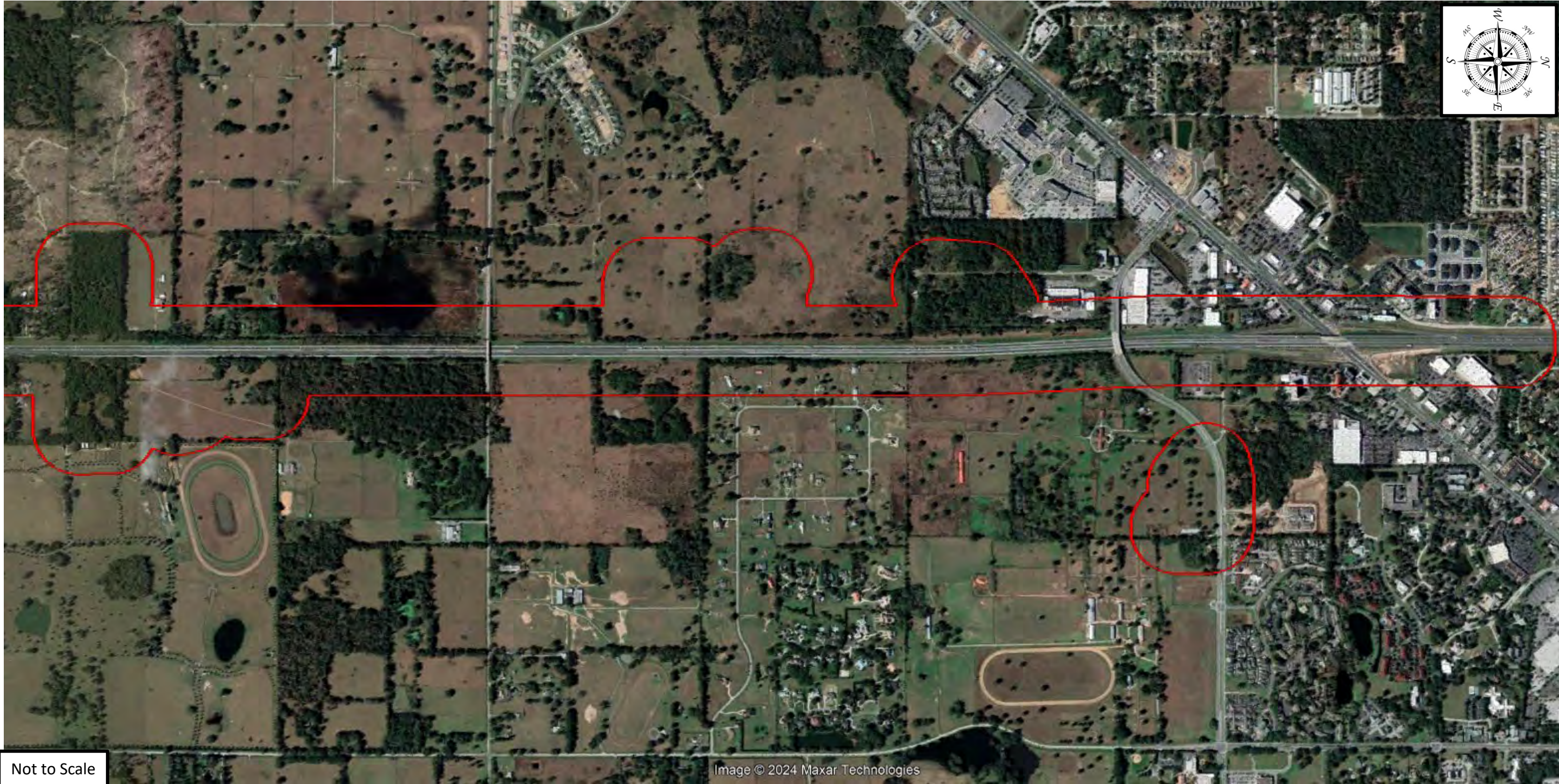
Not to Scale







Not to Scale



Not to Scale

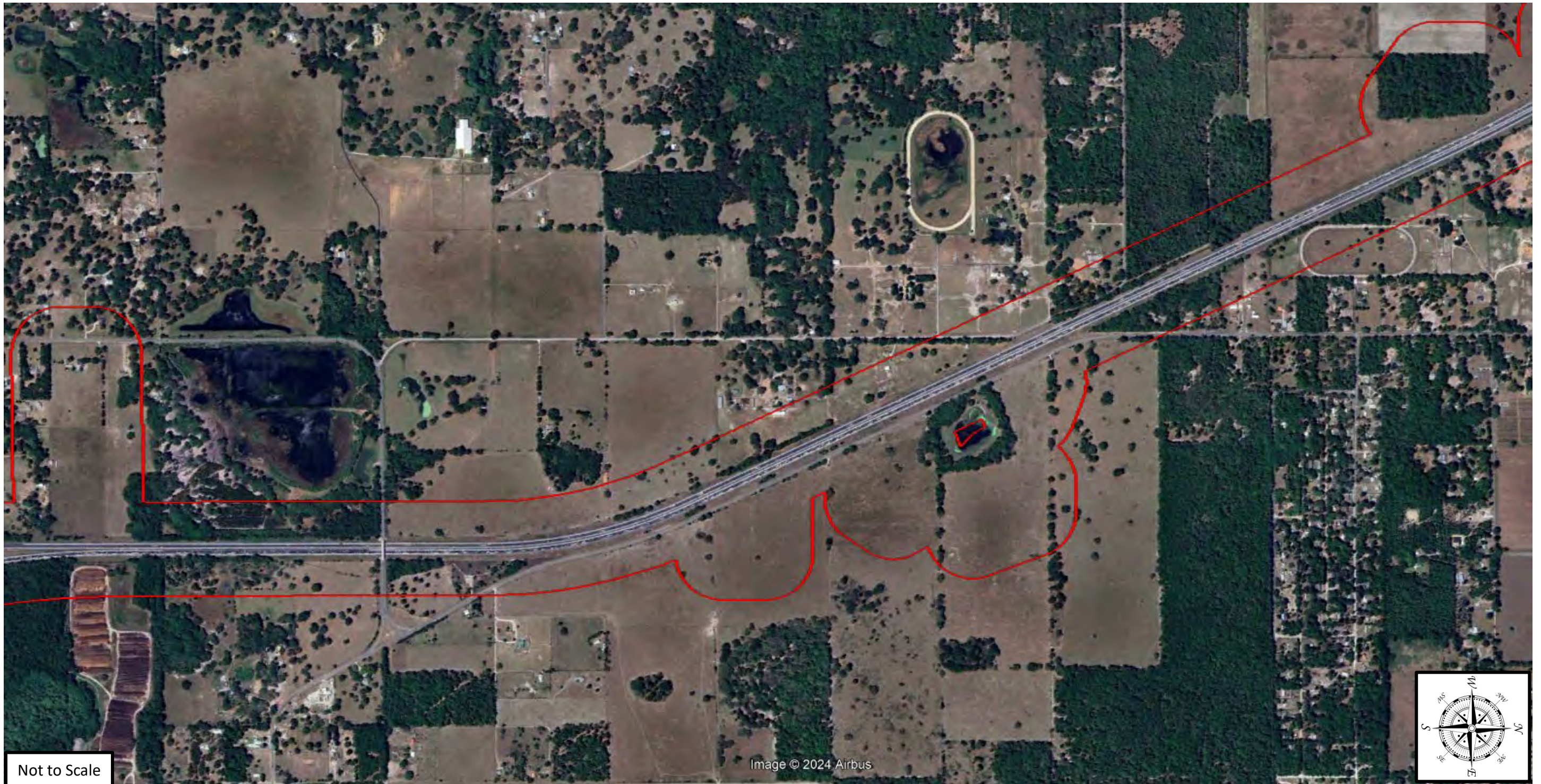
Image © 2024 Maxar Technologies

2019 (6 of 6)





Not to Scale



Not to Scale

Not to Scale



Not to Scale



Not to Scale

Not to Scale

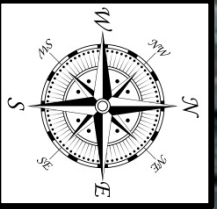
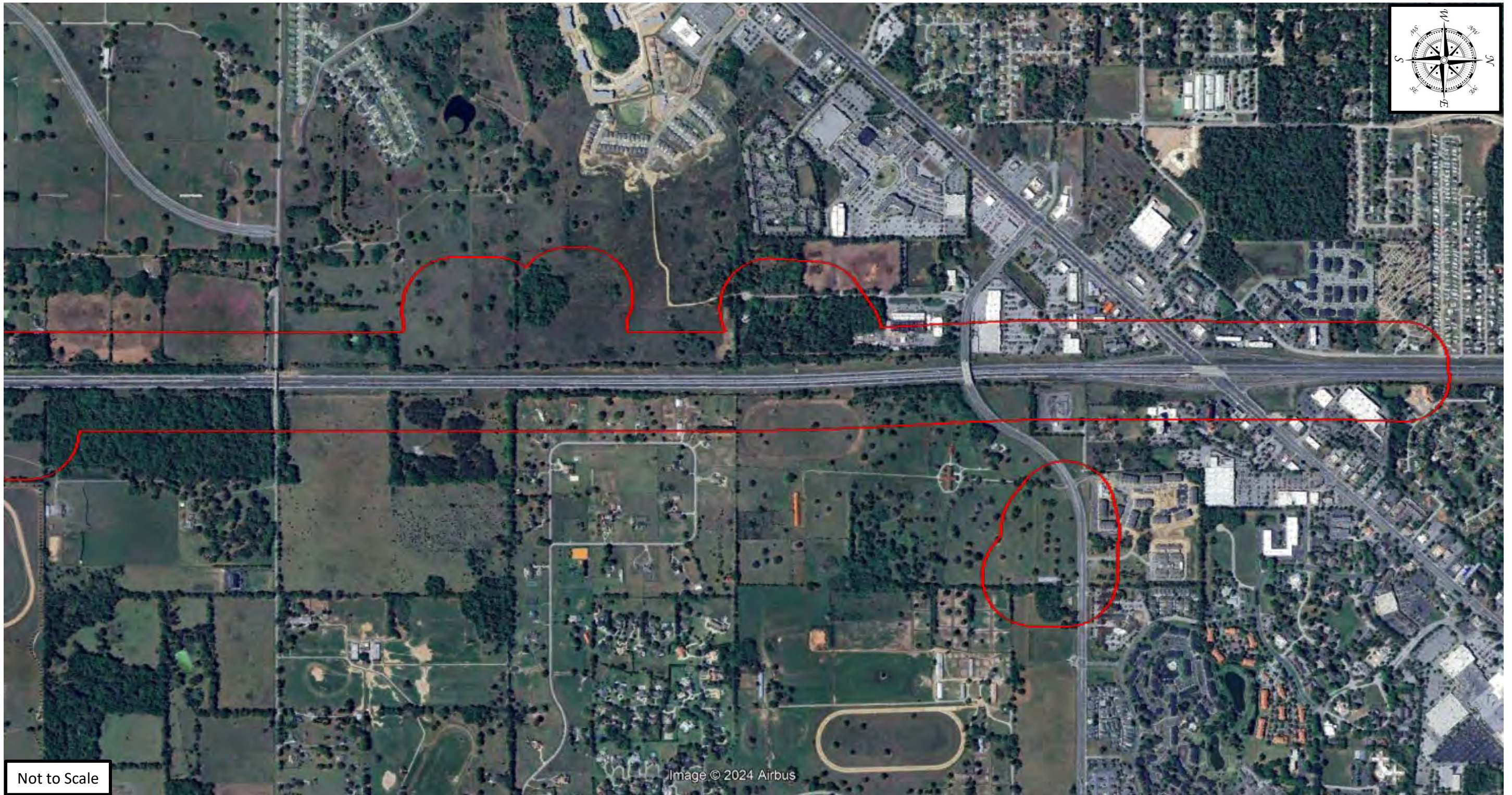


Image © 2024 Airbus



Not to Scale

Image © 2024 Airbus

# **APPENDIX B**

## **Definitions of Common Report Terms**

Aboveground Storage Tank (AST) - A storage tank that is situated on the ground surface and may or may not be installed on a concrete pad with secondary spill containment.

Active Remediation (AR) - Implementation of an approved Remedial Action Plan.

Contamination - The presence of any material or chemical contained within the soil, surface water, sediment, or groundwater on or adjacent to the project corridor, that may require assessment, remediation, or special handling, or that has a potential for liability.

Contamination Risk Rating (CRR) - Site risk rating system defined in Chapter 20 of the FDOT PD&E Manual.

Engineering Control (EC) - A modification to a site to reduce or eliminate the potential for migration of, and exposure to, contaminants of concern. Examples of ECs include slurry walls, sheet pile walls, and engineered liners to prevent exposure.

Hazardous Material - Any solid, liquid, or gas that has the potential to harm people, other living organisms, property, or the environment, either by itself or through interaction with other factors. Hazardous material may be radioactive, flammable, explosive, toxic, corrosive, biohazardous, an oxidizer, an asphyxiant, a pathogen, an allergen, or may have other characteristics that render it hazardous in specific circumstances. These materials may threaten workers through occupational exposure and the general public in their homes, communities, and general environment. Exposure to these materials can occur near the site of generation, along the path of its transportation, or near their ultimate disposal sites. Hazardous materials are often subject to laws and regulations on the use and handling of such materials and may differ depending on the activity or status of the material.

Institutional Controls (IC) - A restriction on use of, or access to, a site to eliminate or minimize exposure to contaminants of concern. Examples of ICs include deed restrictions, use restrictions, or restrictive zoning.

Natural Attenuation Monitoring (NAM) - A means of conducting site rehabilitation in which natural degradation of media contaminants are monitored for extended periods of time provided that human health, public safety, and the environment are protected.

No Further Action with Conditions (CNFA) - No further assessment or remediation is required at a site provided that certain conditions are met as approved by the lead regulatory agency. Conditional No Further Actions can be granted to sites that employ ICs and/or ECs as part of the site rehabilitation strategy.



No Further Action without Conditions (NFA) - No further assessment or remediation is required at a site. No contaminants are present at the site above default or approved alternative clean-up standards.

Petroleum Products - Liquid crude oil derivatives that are derived by distillation, cracking, hydro forming and/or other petroleum refinery processes falling under the description of either "Gasoline Analytical Group," "Kerosene Analytical Group" or "Used Oil" as defined in Florida Administrative Code (FAC) 62-770.200(24), (29) and (64), respectively. These materials include, but are not limited to: leaded and unleaded gasoline, gasohol, aviation and jet fuels, diesel fuel, kerosene, new or used motor oil, hydraulic fluid, and gear oil.

Potential Hazardous Material or Petroleum Contamination Site - A potential hazardous material or petroleum contamination site is a parcel of land upon which hazardous materials or petroleum products are produced, stored, accumulated, used, or disposed of. These sites typically include existing or former gasoline stations, dry cleaners, auto repair facilities, and other businesses where hazardous substances or petroleum product are present. The presence of hazardous substances and/or petroleum products does not mean that contamination is present, but merely indicates that the potential for contamination exists if the materials are not handled or disposed of properly.

Remedial Action Plan (RAP) - A plan that details a means by which contamination may be cleaned up.

Site Assessment Report (SAR) - Summarizes all tasks that were implemented pursuant to the Contamination Assessment.

Site Rehabilitation Complete Report (SRCR) - A report that describes that cleanup goals have been met.

Site Rehabilitation Completion Order (SRCO) - An order issued by the lead regulatory agency that approves the SRCR. No further assessment or remediation activities need to be conducted at the site once an SRCO has been issued unless a new release is discovered.

Source Removal (SR) - The removal of free petroleum product or excessively contaminated soil.

Underground Storage Tank (UST) - A storage tank that has been installed below the ground surface that may or may not contain secondary containment or leak detection systems. The FDEP has compiled several database lists that are useful in identifying potential sources of hazardous material or petroleum product contamination.

# **APPENDIX C**

## **Contamination Risk Rating Descriptions**

The contamination potential risk rating system was developed by FOOT and is included in Part 2, Chapter 20 of the PD&E Manual, dated July 1, 2023. The rating system incorporates four levels of risk:

- 1. No** - A review of available information on the property and a review of the conceptual or design plans indicates there is no potential contamination impact to the project. It is possible that contaminants have been handled on the property. However, findings from the Level I evaluation indicate that contamination impacts are not expected.
- 2. Low** - A review of available information indicates that past or current activities on the property have an ongoing contamination issue; the site has a hazardous waste generator identification (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts to the project.
- 3. Medium** - After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact to the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination impact, and there is reasonable suspicion that contamination may exist, the property should be rated at least as a "Medium." Properties used historically as gasoline stations and which have not been evaluated or assessed by regulatory agencies, sites with abandoned in place underground petroleum storage tanks or currently operating gasoline stations should receive this rating.
- 4. High** - After a review of all available information and conceptual or design plans, there is appropriate analytical data that shows contamination will substantially impact construction activities, have implications to ROW acquisition or have other potential transfer of contamination related liability to the FDOT.

# **APPENDIX D**

## **Sanborn Fire Insurance Maps**

I-75 From Floridas Turnpike To SR 200

I-75 From Floridas Turnpike To SR 200

Ocala, FL 34473

Inquiry Number: 7474752.1

October 23, 2023

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

10/23/23

**Site Name:**

I-75 From Floridas Turnpike To  
I-75 From Floridas Turnpike To  
Ocala, FL 34473  
EDR Inquiry # 7474752.1

**Client Name:**

Geotechnical & Env. Cons., Inc  
919 Lake Baldwin Lane  
Orlando, FL 32814-0000  
Contact: Lani Frith



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Geotechnical & Env. Cons., Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** C8C5-4C04-83E1  
**PO #** NA  
**Project** 4477E1

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: C8C5-4C04-83E1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

### Limited Permission To Make Copies

Geotechnical & Env. Cons., Inc (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

### Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.