

Draft Contamination Screening Evaluation Report

**US 98/SR 35/SR 700
From CR 54 to US 301/SR 39
Project Development & Environment (PD&E) Study**



Florida Department of Transportation

District 7

Work Program Item Segment No. 443368-2

ETDM Project No. 14374

Pasco County, Florida

October 2021

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated December 14, 2016 and executed by FHWA and FDOT.

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Prepared for:



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District Seven

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EXECUTIVE SUMMARY

The Florida Department of Transportation (FDOT) District 7 is conducting a Project Development and Environment (PD&E) study along US Highway 98 (US 98) / State Road (SR) 35 / SR 700 from CR 54 to US 301 / SR 39, in Pasco County. The study will focus on widening this section of US 98 from a 2-lane undivided facility to a 4-lane divided facility and includes the realignment of US 98 between CR 35A to US 301. The realignment allows US 98 to align with the Clinton Avenue (New SR 52) intersection at US 301 and was the results of a separate Alternatives Corridor Evaluation (ACE) study (WPI Segment No. 443368-2). The study will also evaluate issues related to traffic operations, access management, safety, and include pedestrian and bicycle accommodations.

The PD&E study objectives include: determine proposed typical sections and develop preliminary conceptual design plans for proposed improvements, while minimizing impacts to the environment; consider agency and public comments; and ensure project compliance with all applicable federal and state laws. A Type 2 Categorical Exclusion is being prepared as part of this study. The proposed improvements will include construction of stormwater management facility (SMF) and floodplain compensation (FPC) sites. The PD&E study satisfies all applicable requirements, including the National Environmental Policy Act (NEPA), to qualify for federal-aid funding of subsequent development phases (design, right of way acquisition, and construction).

This Level I Contamination Screening Evaluation Report was prepared for the mainline corridor to support the PD&E study and was performed in accordance with Part 2, Chapter 20 of the Florida Department of Transportation's Project Development and Environment Manual (July 1, 2020). A limited evaluation for SMF and FPC sites has been provided under separate cover.

Based on the research methodologies performed and conclusions of this study, the following recommendations are made:

- Additional information may become available or site-specific conditions may change from the time this report was prepared and should be considered prior to acquiring right-of-way. If the preferred alignment changes, this report should be revised and updated to reflect those changes.
- One Medium risk rated site was identified and will be considered for Level II testing (none were rated High). The Level II services can include hazardous material surveys, soil borings, monitor well installation, soil and groundwater sampling, and laboratory testing. Further evaluation and Level II testing should be performed if construction activities are performed in close proximity to this site. Additional action is recommended during the design phase and should be coordinated with the District Contamination Impact Coordinator.
- For the locations rated No (7 sites) or Low (6 sites) for contamination, no further action is required. These locations have been determined not to have any contamination risk to the study area at this time.

- Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the *National Pollutant Discharge Elimination System Generic Permit for Stormwater Discharges from Large and Small Construction Activities*. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area.
- Additional evaluation is recommended for preferred SMF and FPC sites and should be coordinated with the District Contamination Impact Coordinator in the design phase.

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SECTION 1 INTRODUCTION

1.1 PD&E STUDY PURPOSE

The objective of the PD&E study is to assist the FDOT's Office of Environmental Management (OEM) in reaching a decision on the type, location, and conceptual design of the proposed improvements for the widening of US Highway 98 (US 98), including stormwater management facility (SMF) and floodplain compensation (FPC) sites. This study documents the need for the improvements as well as the procedures utilized to develop and evaluate various improvements, including elements such as proposed typical sections, preliminary horizontal alignments, and intersection enhancement alternatives.

The PD&E study satisfies all applicable requirements, including the National Environmental Policy Act (NEPA), to qualify for federal-aid funding of subsequent development phases (design, right of way acquisition, and construction). This project was screened through the FDOT's Efficient Transportation Decision Making (ETDM) process as ETDM Project No. 14374. The ETDM Programming Screen Summary Report was published on February 24, 2021, containing comments from the Environmental Technical Advisory Team (ETAT) on the project's effects on various natural, physical, and social resources. A Type 2 Categorical Exclusion will be prepared as part of this PD&E study.

The project is located in Sections 11, 12, 13, and 14, Township 25S, and Range 21E; and Sections 18, 19, 20, 27, 28, 29, 34 and 35, Township 25S, and Range 22E; Pasco County, Florida. See **Figure 1-1** for Project Location Map.

1.2 PROJECT PURPOSE AND NEED

Purpose

The purpose of this project is to evaluate the realignment of US 301 at US 98 and Clinton Avenue to enhance safety and provide system linkage/regional connectivity.

Need

A realignment of US 98 to Clinton Avenue intersection is needed to eliminate the existing closely spaced intersections of US 301 at US 98 and US 301 at Clinton Avenue, to reduce crashes, and to enhance safety. Construction of the realignment of SR 52 from east of McKendree Road to east of US 301 began in 2019 and will serve as an additional east/west route in the regional transportation network. When completed, this improvement will increase traffic at the US 301 at US 98 and US 301 at Clinton Avenue intersections, exacerbating the current intersection safety concerns. Also, plans are currently underway for the widening of US 98 from north of West Socrum Loop Road to South of CR 54 (Financial Management No.: 436673-1-22-01). This project will address capacity needs for the final segment of US 98 connecting to US 301 (which is a designated regional freight mobility corridor) as well as operational improvements to the intersection of US 98 and US 301 ultimately resulting in enhanced transportation network connectivity.

System Linkage

US 98 is a regional corridor which provides a connecting link between Polk and Pasco Counties and, within the area, provides a connection to the cities of Lakeland and Bartow to the south.

US 98 is the longest road in Florida and spans from Pensacola to Palm Beach primarily traveling along the Gulf Coast. Plans are currently underway for the widening of US 98 from north of West Socrum Loop Road to South of CR 54 (Financial Management No.: 436673-1-22-01). This project will provide additional capacity for the final segment of US 98 connecting to US 301 (which is a designated regional freight mobility corridor) as well as operational improvements to the intersection of US 98 and US 301 ultimately resulting in enhanced transportation network connectivity. Currently, this segment of US 98 experiences truck volumes in excess of 23% of annual average daily traffic (AADT) which illustrates this facility's importance to the overall freight network within the State of Florida.

Also, the SR 52/Clinton Avenue extension from I-75 to West of Fort King Road (Financial Management No.: 435142-1) is currently under construction. This extension will provide direct linkage to I-75 from this project.

Safety

The closely spaced intersections of US 301 at US 98 and US 301 at Clinton Avenue have crash rates that exceed the statewide average. Between 2014 and 2018, the intersection of US 301 at US 98 experienced a total of 63 crashes. The predominant crash types were angle crashes (58%) followed by rear end crashes (29%). This intersection exhibited a crash rate (0.816 crashes per million entering vehicles) that was consistently higher than the statewide average (0.270) for a similar type of intersection resulting in a crash ratio of 3.022 (crash rate divided by statewide average crash rate).

Between 2014 and 2018, the intersection of US 301 and Clinton Avenue experienced a total of 65 crashes. The predominant crash types were rear end crashes (55%) followed by angle crashes (25%). This intersection exhibited a crash rate (1.259) that was consistently higher than the statewide average (0.526) for a similar type of intersection resulting in a crash ratio of 2.394. A realignment of US 98 to Clinton Avenue to eliminate high traffic volumes at one of the two closely spaced intersections has the potential to reduce crashes and enhance safety.

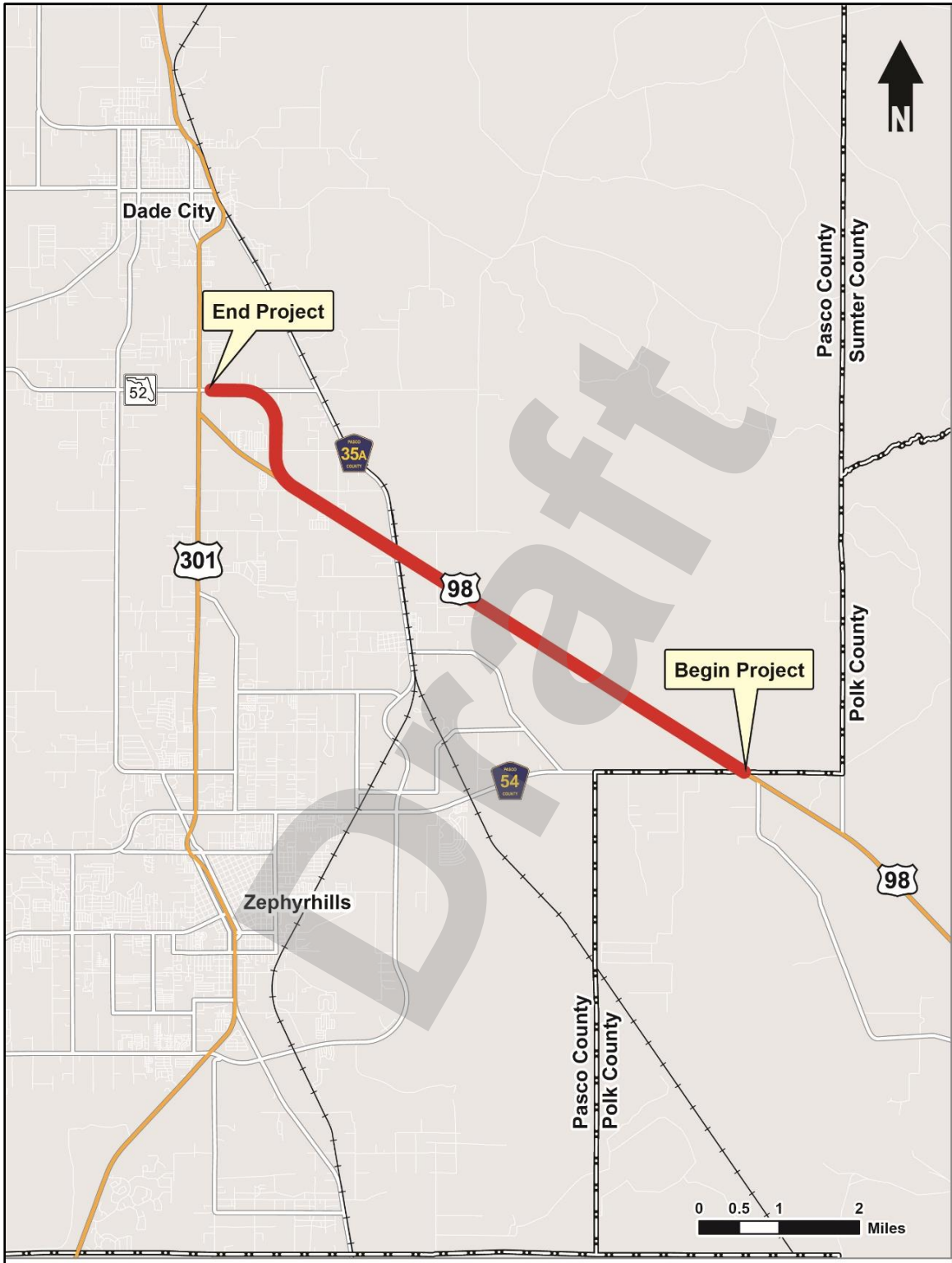


Figure 1-1 Project Location Map

1.3 EXISTING FACILITY AND PROPOSED IMPROVEMENTS

1.3.1 Existing Facility

The existing US 98 from CR 54 to US 301 is a 2-lane roadway. The roadway is functionally classified by FDOT as Principal Arterial – Other. In Pasco County, the 2-lane undivided facility has 12-foot travel lanes and 4-foot paved shoulders. The existing right of way (ROW) along the project corridor is 160 feet wide. There are two (2) existing bridges in the project limits. The first carries US 98 over the Hillsborough River Bridge and the second carries US 98 over Old Lakeland Highway and the CSX railway. There are no sidewalks, multi-use trails, bike lanes or other similar multi-modal facilities within the project corridor.

1.3.2 Proposed Improvements

The proposed improvements will widen US 98 to a 4-lane divided facility from CR 54 to north of Townsend Road and realign US 98 from north of Townsend Road to US 301. The realignment allows US 98 to align with the Clinton Avenue (New SR 52) intersection at US 301 and was the results of a separate Alternatives Corridor Evaluation (ACE) study (WPI Segment No. 443368-1).

The widened 4-lane divided facility roadway will consist of 11 to 12-foot travel lanes with a varying 22 to 40-foot median. Where the roadway is widened, the roadway consists of a rural typical section and will fit within the existing 160-foot wide ROW. In the realignment section, the roadway consists of a suburban typical section within a proposed 245-foot wide ROW and include a 6-foot sidewalk on the east side of the road and a 12-foot trail on the west side of the road. Where the new US 98 connects to it connects to Clinton Avenue and extends to US 301, the roadway consists of an urban typical section within a 140-foot wide ROW and include a 6-foot sidewalk on the east side of the road and a 10-foot trail on the west side of the road that connects to the existing trail on US 301.

1.4 REPORT PURPOSE

This Level I Contamination Screening Evaluation Report was prepared for the mainline corridor to support the PD&E study and was performed in accordance with Part 2, Chapter 20 of the Florida Department of Transportation's Project Development and Environment Manual (July 1, 2020). Contamination within or adjacent to the ROW has the potential for liability and may require assessment, remediation, or special handling. This report considers the potential for encountering contamination within the limits of the project and to a search distance of up to 1,000 feet, thereby providing information to understand the type and extent of contamination issues that may impact construction. Properly addressing contamination issues can reduce costs and risks to FDOT.

SECTION 2 PROJECT ALTERNATIVES

A single concept for this project was evaluated. No other concepts were evaluated herein.

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SECTION 3 METHODOLOGY

A contamination screening was conducted to identify contamination issues from properties or operations located within the vicinity of the project. This evaluation consisted of the following tasks:

Aerial photographs were reviewed to develop a history of the previous land uses within the study area and to identify sites which may have historical uses that pose contamination concerns. Aerial photographs dated 1941, 1957, 1967, 1976, 1977, 1985, 1991, 1994, 1999, 2001, 2004-2008, 2010-2012, and 2016-2021 were reviewed from the University of Florida, FDOT Survey & Mapping, and Google Earth databases. A summary of our review is discussed in **Table 2-1**. Site specific details are provided, where appropriate, in **Table 7-1**. A copy of the 2017 aerial photograph is presented in **Appendix A**. Copies of select historical aerial photographs are presented in **Appendix B**.

Topographic map review using imagery available from the United States Geological Survey (USGS) website. Topographic maps can be useful identifying contamination concerns such as railroads, mine lands, bulk storage tanks, and landfills/disturbed lands. Additionally, land use and water features, including elevation contours can be identified on topographic maps. The USGS 7.5-Minute “Dade City, Florida” Quadrangle dated 1960 (photo-revised 1988), and “Branchborough, Florida” Quadrangle dated 1960 (photo-revised 1987) were reviewed as part of this study. The topographic map is provided in **Appendix C**.

Pasco County Property Appraiser database information was reviewed for suspect contamination sites where other resources may not have provided ample information regarding the site, or to determine addresses, parcel boundaries and other pertinent information.

An environmental database search using Environmental Data Management, Inc. (EDM) was conducted on July 2, 2021 to identify sites, facilities or listings within the study area containing documented or suspected petroleum contamination or other hazardous materials. This report utilizes the 500-foot and 1,000-foot search distances as specified in Chapter 20 of the FDOT PD&E Manual.

The EDM report is used as a preliminary screening tool to identify facilities that are registered with various county, state, and federal agencies. The regulatory review of federal and state environmental records utilizes an integrated geographic information system database. The database report provides geocoded and non-geocoded regulatory listings of interest that are identified within the study area. Each listing is located by address, facility identification number and field verified where possible. All are reviewed for the potential of contamination to impact the project. The reviewed records include information compiled by the United States Environmental Protection Agency (EPA), the Florida Department of Environmental Protection (FDEP), and other various reporting programs, as identified in EDM’s report. A complete list of all regulatory record databases searched is included in the environmental database search report, provided in **Appendix D**. The facilities identified in the EDM report are evaluated in **Section 7**.

Performed a site reconnaissance to identify new and/or undocumented contamination sites, and to verify locations of documented contamination sites. Select photographs are provided in **Appendix E**.

Assigned risk ratings for each contamination site after evaluating the findings of each of the previously mentioned methodologies. The rating system defined in PD&E Manual is divided into four categories of risk which express the degree of concern for contamination problems. The four degrees of risk ratings are “No,” “Low,” “Medium,” and “High” and are defined as follows:

No Risk Site

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.

Low Risk Site

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.

Medium Risk Site

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.

High Risk Site

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.

SECTION 4 LAND USES

Determination of previous land uses and occupancies is an important factor when evaluating the potential for contamination involvement. Developing a history of the project and surrounding areas can assist in determining the potential for releases or discharges of hazardous materials or petroleum products. To determine land uses for this project, a site reconnaissance and interviews (**Section 6**) were performed along with a review of historical aerial photographs and topographic maps.

4.1 SITE RECONNAISSANCE

A site visit was conducted on August 3, 2021 to evaluate each property within and in close proximity to the project for contamination concerns. The site reconnaissance in conjunction with the desktop review allow the sites to be rated as to the degree of contamination concern as discussed in **Section 3**. The reconnaissance included a systematic inspection of each parcel along the project corridor, and surrounding areas looking for signs of contamination. This was achieved by driving, where possible, the project corridor, and walking the parcels within and surrounding the project (where accessible) to gain specific information regarding the usage and condition of each contamination site. Photographs of the contamination concerns were taken during the site inspection. Select images are presented in **Appendix E**.

Some of the typical physical indicators for contamination concerns include: railroad tracks, fill ports and vent pipes associated with underground storage tanks (USTs), oil/petroleum staining, drums, chemical containers, refuse, illicit dumping, solid waste, stressed vegetation, dry cleaning facilities, material handling from adjacent businesses, petroleum dispensers, excavated areas, agricultural use, chemical mix/load areas, stormwater outfall areas, surface water indicators, groundwater monitor wells, restricted area/contamination/hazardous material/petroleum pipeline signage, cattle dip vats and other property uses that may present contamination concerns.

During the site reconnaissance on August 3, 2021, the project was observed as undeveloped land and woods in the southern portion, a small amount of residential development in the central area, and both commercial and residential development in the northern portion. The proposed ROW generally consists of open grassy fields or planted pine trees. Several residences are located within the proposed ROW in proximity to Clinton Avenue.

A detailed description of field observations for each contamination site is provided in **Section 7**.

4.2 HISTORICAL AERIAL PHOTOGRAPH REVIEW

A summary of our historical aerial photograph review is discussed below in **Table 2-1**. A copy of the 2017 aerial photograph is presented in **Appendix A**. Copies of select historical aerial photographs are presented in **Appendix B**.

Additional site-specific current land use details regarding facilities/sites of concern are included in **Table 7-1**.

Table 4-1 Aerial Photograph Review

Year	Comment	Contamination Concerns
1941	The majority of the project consists of undeveloped land. CR 54, Old Lakeland Highway, and Clinton Avenue are visible. Row crops/groves are apparent within proposed ROW in the northern portion of the project.	Row crops/groves (Site 13) apparent within and adjoining project in northern portion
1957	US 98 now visible. Sporadic residential development apparent. Row crops/groves expanded in northern portion. Railroad tracks along Old Lakeland Highway are now visible intersecting the project.	Railroad tracks (Site 12) apparent at Old Lakeland Highway/US 98 intersection
1967	Row crops/groves now visible in central portion of the project. SR 39/US Hwy 301 improvements/widening apparent.	Row crops/groves (Site 13) added in central portion of project
1976-1977	Row crops/groves expanded in northern portion of project. Residential development apparent along Clinton Avenue.	Row crops/groves (Site 13) expanded in central portion of project
1985	Some row crops/groves removed in central area.	No new concerns noted
1991	Residential development continues along Clinton Avenue.	No new concerns noted
1994,1999, 2001, 2004-2008, 2010-2011	No noteworthy land use changes noted.	No new concerns noted
2012	Row crops/grove within proposed ROW in central area removed.	No new concerns noted
2014-2015	No noteworthy land use changes noted.	No new concerns noted
2016	Row crops/groves within proposed ROW along Clinton Avenue removed.	No new concerns noted
2017-2021	No noteworthy land use changes noted.	No new concerns noted

Contamination concerns noted during the review of historical aerial photographs are further discussed in **Section 7**.

4.3 USGS TOPOGRAPHIC MAP REVIEW

Topographic maps are reviewed to develop an understanding of previous land uses in the study area and to identify any areas that may show historical, natural and manmade features, which aid in determining contamination concerns. The following reviews are provided based on a review of the USGS 7.5-Minute “Dade City, Florida” Quadrangle dated 1960 (photo-revised 1988), and “Branchborough, Florida” Quadrangle dated 1960 (photo-revised 1987). A copy of the topographic map is provided in **Appendix C**. The following is based on our review of these maps:

US 98, CR 54, Clinton Avenue, Old Lakeland Highway, and SR 39 (US 301) are visible. The southern portion of the project beginning at CR 54 is comprised of primarily undeveloped woodlands, marsh/swamp, and wooded marsh/swamp. The central and northern portions of the project are comprised primarily of groves/row crops (Site 13) and undeveloped land with a small number of structures and development

increasing to the north. Railroad tracks (Site 12) cross the project at the US 98/Old Lakeland Highway intersection.

Contamination concerns noted during the review of historical topographic maps are further discussed in **Section 7**.

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SECTION 5 HYDROLOGIC FEATURES

5.1 AQUIFERS OF FLORIDA

The Floridan aquifer is found throughout Florida and extends into the southern portions of Alabama, Georgia, and South Carolina. This aquifer system is comprised of a sequence of limestone and dolomite, which thickens from about 250 feet in Georgia to about 3000 feet in south Florida. The Floridan aquifer system has been divided into an upper and lower aquifer separated by a unit of lower permeability. The upper Floridan aquifer is the principal source of water supply in most of north and central Florida. In the southern portion of the state, where it is deeper and contains brackish water, the aquifer has been used for the injection of sewage and industrial waste. Groundwater flow is generally from high elevations within the central portion of the state towards the east and west coasts.

The surficial aquifer system in Florida includes any otherwise undefined aquifers that are present at land surface. The surficial aquifer is mainly used for domestic, commercial, or small municipal supplies. The surficial aquifer system is generally under unconfined, or water table conditions and is made up of mostly unconsolidated sand, shelly sand, and shell. The aquifer thickness is typically less than 50 feet. Groundwater in the surficial aquifer generally flows from areas of higher elevation towards the coast or streams where it can discharge as base flow. Water enters the aquifer from rainfall and exits as base flow to streams, discharge to the coast, evapotranspiration, and downward recharge to deeper aquifers.

SECTION 6 INTERVIEWS

No interviews were needed or performed for this CSER.

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SECTION 7 PROJECT IMPACTS

Based on the methodologies performed, fourteen contamination sites were identified within the study area which may impact the proposed improvements. These are discussed below in **Table 7-1**. The location of each contamination site is illustrated in **Appendix A**.

Table 7-1 Contamination Sites

Site Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Proximity to project	Contaminants of Concern	Risk Rating	Comments
1	State Farm Insurance Diesel Spill Hwy 35A & US Hwy 98	LUST/TANKS 9804511	60 feet south	Petroleum	No	During the site reconnaissance, this facility was observed as existing Old Lakeland Highway roadway and ROW. According to the EDM report, a discharge was reported on May 13, 1996 due to a vehicle accident. The discharge was issued No Further Action (NFA) status on September 18, 1997. No current contamination concerns are noted. Given the lack of current contamination concerns, this site is assigned a risk rating of No.
2	Heavy Quip/Ryder Truck Rental/Lykes Transport 9721 US Hwy 98 3535 US Hwy 98	TANKS 9203021	Property: Adjoining south Closed in place tanks: partially within proposed ROW	Petroleum	Low	During the site reconnaissance, this facility was observed as HeavyQuip. According to the EDM report, one 2,000-gallon new/lube oil and one 1,000-gallon waste oil aboveground storage tank (AST) were removed from the property in August 2003. One 2,000-gallon leaded gasoline AST and one 20,000-gallon vehicular diesel fuel AST were closed in place on the property in August 2003. The containment of the closed in place ASTs is located partially within proposed US 98 ROW. No discharges are reported. The closed in place tanks were emptied and all associated piping was removed. Since the tanks were initially installed within containment, no closure assessment was required. No contamination involvement is anticipated, however the closed in place ASTs and associated containment located within proposed ROW will likely be required to be dismantled and removed by a state licensed Pollutant Storage Systems Contractor prior to construction. Due to the lack of reported contamination concerns, this site is assigned a risk rating of Low.
3	Growers Fertilizer Corporation 9921 Old Lakeland Hwy	TANKS 9813040	Adjoining north	Other non-regulated	No	During the site reconnaissance, this listing was observed as AIME USA, a facemask manufacturer. According to the EDM report, one 8,000-gallon "other non-regulated" AST is registered at this facility. The FDEP Storage Tank Facility Closure Site Inspection Report dated May 21, 2019 states that the AST was closed in place within its concrete containment onsite. No discharges are associated with this facility. The AST was not observed during the site reconnaissance. Due to the lack of reported contamination concerns, this facility is assigned a risk rating of No.
4	Condry William (formerly) 2501 S US Hwy 98	TANKS 9100074	Adjoining north	Unknown	No	During the site reconnaissance, this facility was observed as AIME USA, a facemask manufacturer. According to the EDM report, two 1,000-gallon USTs were removed from this facility in May 1990. The former tank contents are listed as unknown. No discharges are reported. Due to the lack of reported contamination concerns, this facility is assigned a risk rating of No.
5	Townsend Seed Co. Townsend Rd off US Hwy 98 (39345 Townsend Rd)	TANKS 8515080	Property: within proposed ROW Tanks: 250 feet or greater	Petroleum	No	During the site reconnaissance, this facility was observed as unmarked buildings. According to the EDM report, two 550-gallon fuel oil underground storage tanks (USTs) were removed on unspecified dates and one 1,000-gallon unleaded gasoline UST was removed in August 1988. One 4,000-gallon fuel oil (heating oil) AST is currently in service. FDEP Storage Tank Registration documents found on FDEP's Map Direct database indicate that the 4,000-gallon heating oil AST currently in service is used to heat the seed barn. The AST was not observed during the site reconnaissance, however, the nearest structures associated with this site and presumably the location of the 4,000-gallon AST are located approximately 250 feet or greater northeast of US 98 proposed ROW. Due to the lack of reported contamination concerns, this site is assigned a risk rating of No.
6	Stutzman Brothers Property Maintenance, Inc. 10651 Beckum Rd	SLDWST_NLF 106671	1,000 feet northeast	Solid waste	No	During the site reconnaissance, this facility was observed as an unmarked facility. According to the EDM report, this site is registered as a Source-Separated Organics Processing Facility. According to the FDEP Inspection Checklist dated May 13, 2021, the facility utilizes yard trash originating from landscaping services provided at offsite locations which are transported to the facility. The yard trash is processed onsite and then formed into windrows to create compost. No other types of materials are added to the compost piles, except water. The facility is currently operating in compliance. Given the nature of facility's operations, the separation distance from US 98 ROW, and the lack of reported contamination concerns, this site is assigned a risk rating of No.
7	Clinton Avenue Property 38350 Clinton Ave	VOLCLNUP ERIC_7616	Adjoining south	Petroleum, arsenic	Low	During the site reconnaissance, this facility was observed as an active construction site. According to the Site Rehabilitation and Completion Report dated January 27, 2021, Phase I and II Environmental Site Assessments performed in 2019 at this site revealed arsenic and Total Recoverable Petroleum Hydrocarbon (TRPH) at concentrations above FDEP Soil Cleanup Target Levels (SCTLs) within soil onsite. The discharge resulted from previous agricultural storage and mixing at a storage shed, a discarded 55-gallon drum near an irrigation well, and chemical storage in the pole barn. Following further assessment and source removal, a Site Rehabilitation Completion Order (SRCO) was issued for the discharge on February 12, 2021. Due to the SRCO issuance and lack of current contamination concerns, this site is assigned a risk rating of Low.
8	Evans Properties Inc – Sprayfield Clinton Ave & US Hwy 301	9200659	Property: onsite Tank: 490 feet north	Petroleum	No	During the site reconnaissance, this facility was observed as an open pasture. According to the EDM report, one 1,000-gallon generator/pump diesel fuel AST was removed from the site in September 2015. No discharges are reported. The former tank location was within a mix/load structure located approximately 490 feet north of proposed Clinton Avenue ROW. Due to the separation distance and lack of reported contamination concerns, this site is assigned a risk rating of No.

Site Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Proximity to project	Contaminants of Concern	Risk Rating	Comments
9	Publix Super Market #1496 11830 US hwy 301	9814662	Tank: 260 feet north	Petroleum	No	During the site reconnaissance, this facility was observed as an active Publix supermarket. According to the EDM report, one 1,000-gallon emergency generator diesel fuel AST is currently in service, located approximately 260 feet north of Clinton Avenue ROW. No discharges are reported. Due to the lack of contamination concerns and separation distance, this site is assigned a risk rating of No.
10	Circle K #2705931 11715 US Hwy 301	Facility ID: 9801126	160 feet southwest	Petroleum	Medium	During the site reconnaissance, this facility was observed as an active Circle K gas station. According to the EDM report, two 12,000-gallon unleaded gasoline USTs and one 10,000-gallon diesel fuel UST were removed in March 2012. One 30,000-gallon unleaded gasoline UST is currently in service. One discharge was reported on April 5, 2004 and was issued an SRCO on August 6, 2012. No current contamination concerns are reported. Due to its use as an active gas station in close proximity to the project, this site is assigned a risk rating of Medium.
11	Circle K #7038 37937 Clinton Ave	Facility ID: 8515050	200 feet west	Petroleum, lead	Low	During the site reconnaissance, this facility was observed as a vacant grassy lot and drainage pond with a remediation system onsite. According to the EDM report, three 4,000-gallon unleaded gasoline USTs were removed in October 1995 and two approximately 12,000-gallon unleaded gasoline USTs were removed in May 2001. No tanks are currently in service at this site. One discharge was reported on February 3, 2006. Cleanup efforts via active remediation is ongoing. According to the most recent assessment data included in the Year 1 Quarter 2 Operation & Maintenance Report dated May 5, 2021, groundwater sampling results collected on April 6, 2021 detected GCTL exceedances of several petroleum constituents in MW-11R and MW-13R. Lead was detected above GCTLs in MW-1RR. Groundwater flow was measured to the south/southwest. All exceedances detected were located on the site's property, approximately 200 feet or greater to the west of the northern project limit. Continued active remediation and further assessment is planned. FDEP correspondence emails dated May 2021 state that the most recent soil sampling activities at the site were performed in 2011. Additional soil sampling is planned to assess the previous SCTL locations. A figure included in the emails indicates that soil contamination was not detected offsite of the property's boundaries. Although cleanup is currently ongoing at this site, due to the separation distance to contamination concerns, this site is assigned a risk rating of Low.
12	Railroad Tracks No Address	No Facility ID	Adjoining south	Petroleum, herbicides, pesticides	Low	During the site reconnaissance and aerial photography review, one railroad crossing location was noted intersecting the project in the central area at the intersection of US 98 and Old Lakeland Highway. The railroad crossing was first depicted on the 1957 aerial photograph. Railroads historically used arsenic based herbicides for vegetation and weed control along its corridors. Additionally, the use of petroleum and creosote based compounds were used to preserve railroad ties. In this instance, the railroad corridor is located beneath a US 98 overpass along Old Lakeland Highway. No proposed ROW is located within 500 feet of the railroad corridor. Given the location of the railroad corridor, the railroad tracks are assigned a risk rating of Low.
13	Groves/Row Crops (including former) No address	No Facility ID	Adjoining south	Petroleum	Low	Review of historical aerial photographs beginning in 1941 depict groves/row crops both onsite and adjoining the project. The locations of the former groves/row crops is depicted in Appendix B . Groves/row crops were not identified in the regulatory report since they are not regulated. Although grove/row crop cultivation in itself does not confirm the presence of contamination, many of the activities associated with grove/row crop cultivation can result in hazardous materials or petroleum product contamination of the soil and/or groundwater. These activities include vehicle/equipment maintenance and fueling, pesticide, herbicide and fertilizer formulation and application, and freeze prevention via grove heaters. The maintenance of grove vehicles including tractors, harvesting equipment, pesticide sprayers, and motors used in the groves for pumping water or powering grove blowers was commonly performed near a central barn or storage area. In times prior to the current level of environmental awareness, the maintenance of equipment commonly involved draining oil, transmission fluid, or fuel directly onto the ground. Agricultural uses of organic and inorganic pesticides are exempt from most Resource Conservation and Recovery Act (RCRA) provisions, provided that the farmers apply the chemicals on their own farms and in accordance with labeled instructions. Spills, improper application, too much application, and application of disallowed pesticides are not exempted from these requirements. No mix/load areas, diesel powered irrigation pumps, central grove barns, or storage areas were observed on-site or during historical aerial review. Thus, the former groves/row crops onsite and adjoining the project are not considered a contamination concern and are assigned a risk rating of Low.
14	Elkins Road Abandoned Storage Tanks No address	No Facility ID	70 feet east	Petroleum	Low	During the site reconnaissance, two abandoned ASTs (one approximately 1,000-gallons and one approximately 250-gallons), were noted as being stored directly on bare soil along Elkins Road. The tanks are not listed in the EDM report and therefore do not appear to be registered. The 1,000-gallon AST was observed approximately 70 feet east of proposed ROW, the 250-gallon AST was observed approximately 130 feet east of proposed ROW. The contents of the tanks are unknown. No petroleum odors, stressed vegetation, soil staining, or indications of contamination were noted. Due to the separation distance (70 feet or greater) from proposed ROW and the lack of observed contamination concerns, this site is assigned a risk rating of Low.

SECTION 8 CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

Based on this contamination screening evaluation, a total of fourteen contamination sites were identified within the study area. The following table presents a summary of the risk ratings assigned for each contamination site/facility:

Table 8-1 Summary of Risk Ratings

High	Medium	Low	No
0	1	6	7

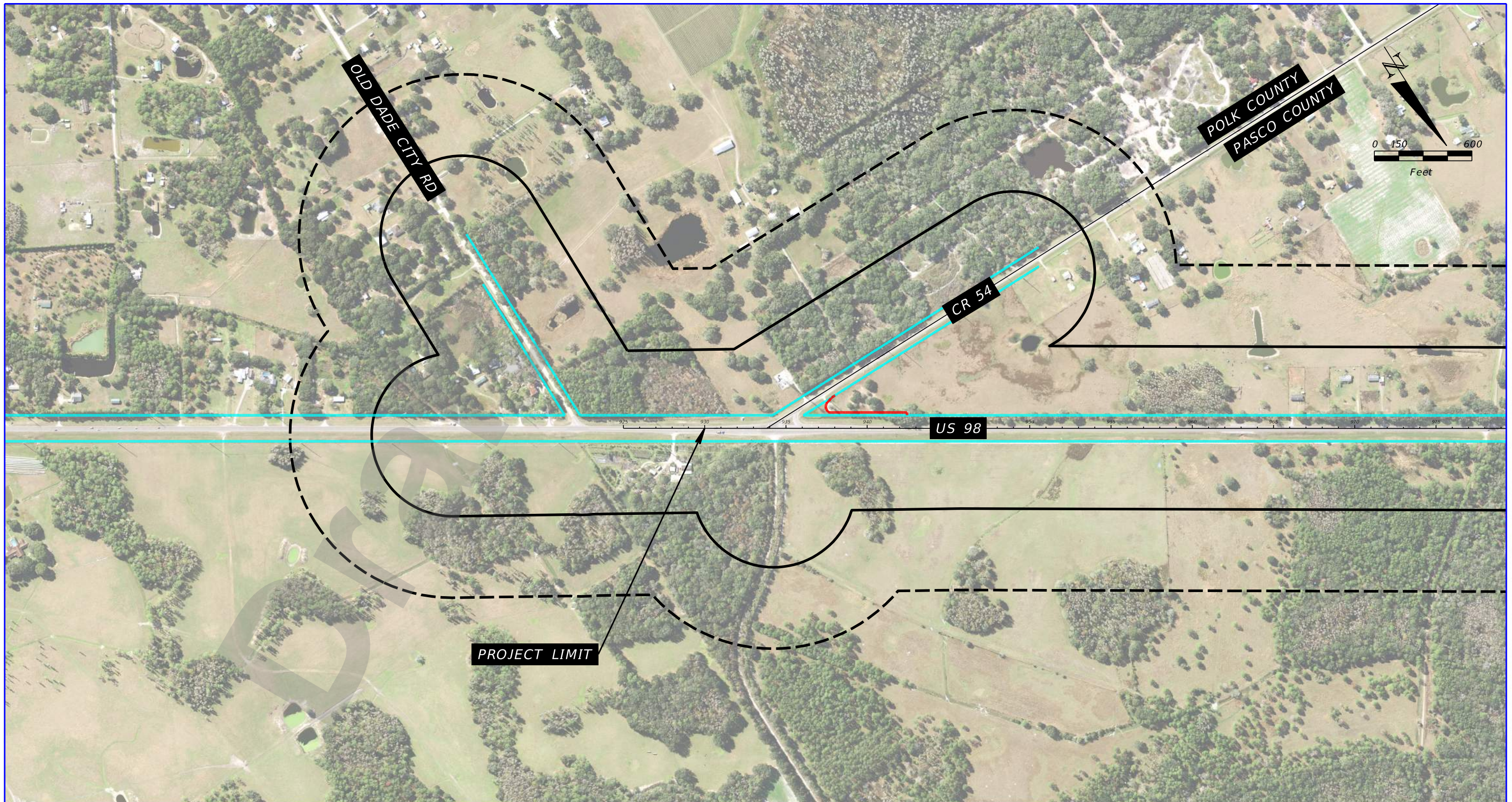
8.2 RECOMMENDATIONS

Based on the conclusions of this study and the risk ratings noted above, the following recommendations are made:

- Additional information may become available or site-specific conditions may change from the time this report was prepared and should be considered prior to acquiring right-of-way and/or proceeding with construction. If the preferred alignment changes, this report should be revised and updated to reflect those changes.
- For the locations rated No or Low for contamination, no further action is required. These locations have been determined not to have any contamination risk to the study area at this time.
- One Medium rated site was identified within the project limits. The Level II can include hazardous material surveys, soil borings, monitor well installation, soil and/or groundwater sampling, and laboratory testing. Further evaluation and Level II testing, if deemed appropriate by the District Contamination Impact Coordinator, is recommended for the following site:
 - Site 10 – **Circle K #2705931** (active gasoline station with no reported discharges): soil and/or groundwater analytical testing may include Total Recoverable Petroleum Hydrocarbons (TRPH) by the Florida PRO Method; benzene, toluene, ethylbenzene, xylenes, and methyl tertiary-butyl ether (BTEX/MTBE) by EPA Method 8260; and Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270. Organic Vapor Analyzer screening is also recommended.
- Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the *National Pollutant Discharge Elimination System Generic Permit for Stormwater Discharges from Large and Small Construction Activities*. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area.
- Additional evaluation is recommended for preferred SMF and FPC sites and should be coordinated with the District Contamination Impact Coordinator in the design phase.

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APPENDIX A
Contamination Sites Map



NOTE: SITE 13 NOT SHOWN ON THIS MAP, SEE APPENDIX B

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

POTENTIAL CONTAMINATION SITES

- 500 FOOT BUFFER
- PROPOSED RIGHT OF WAY
- SITE NAME** GREEN = NO/LOW RISK SITES
- 1,000 FOOT BUFFER
- EXISTING RIGHT OF WAY
- SITE NAME** RED = HIGH/MEDIUM RISK SITES

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. A-1
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



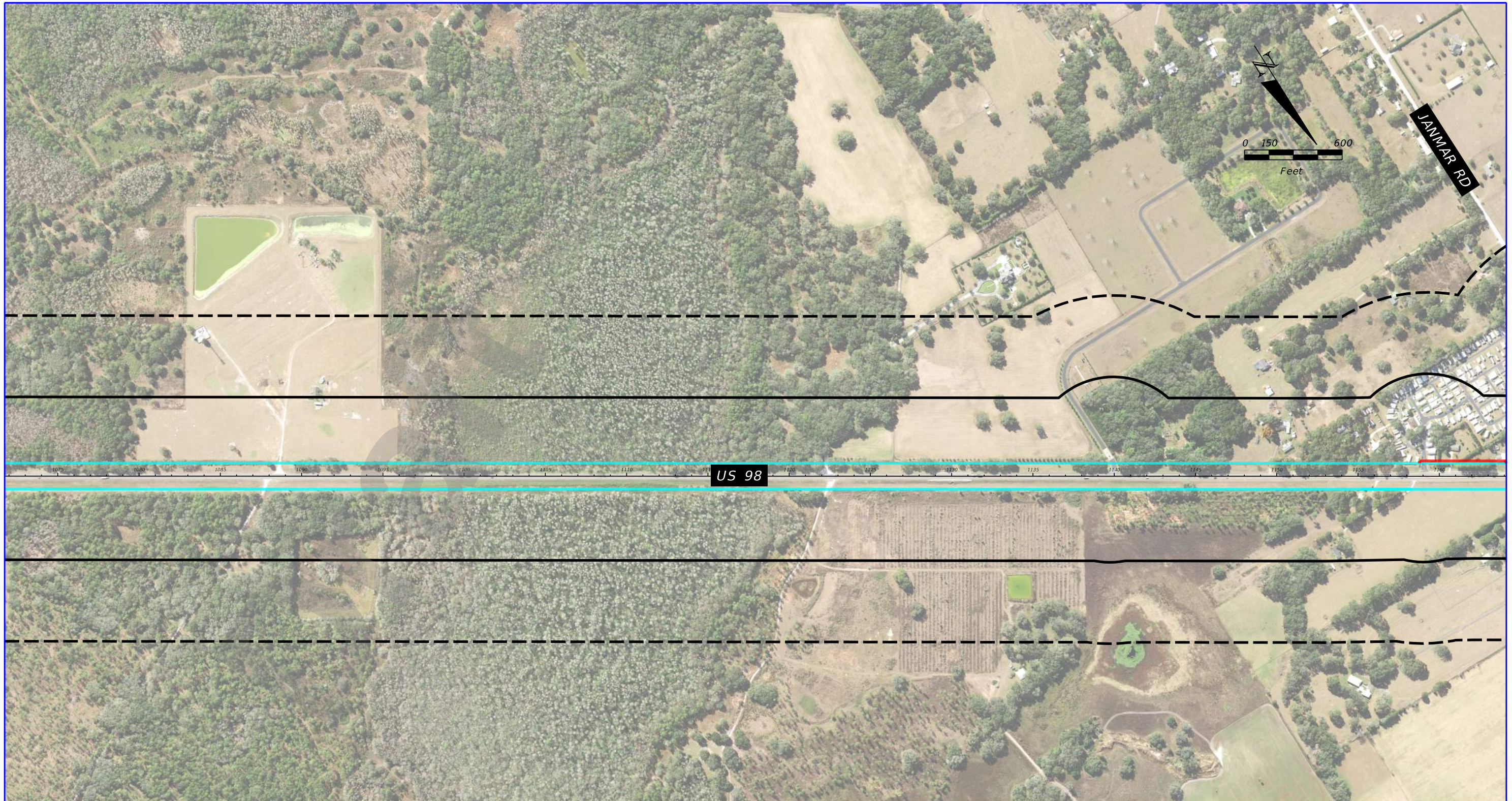
NOTE: SITE 13 NOT SHOWN ON THIS MAP, SEE APPENDIX B

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

POTENTIAL CONTAMINATION SITES

- 500 FOOT BUFFER
- PROPOSED RIGHT OF WAY
- SITE NAME GREEN = NO/LOW RISK SITES
- 1,000 FOOT BUFFER
- EXISTING RIGHT OF WAY
- SITE NAME RED = HIGH/MEDIUM RISK SITES

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		A-2
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		



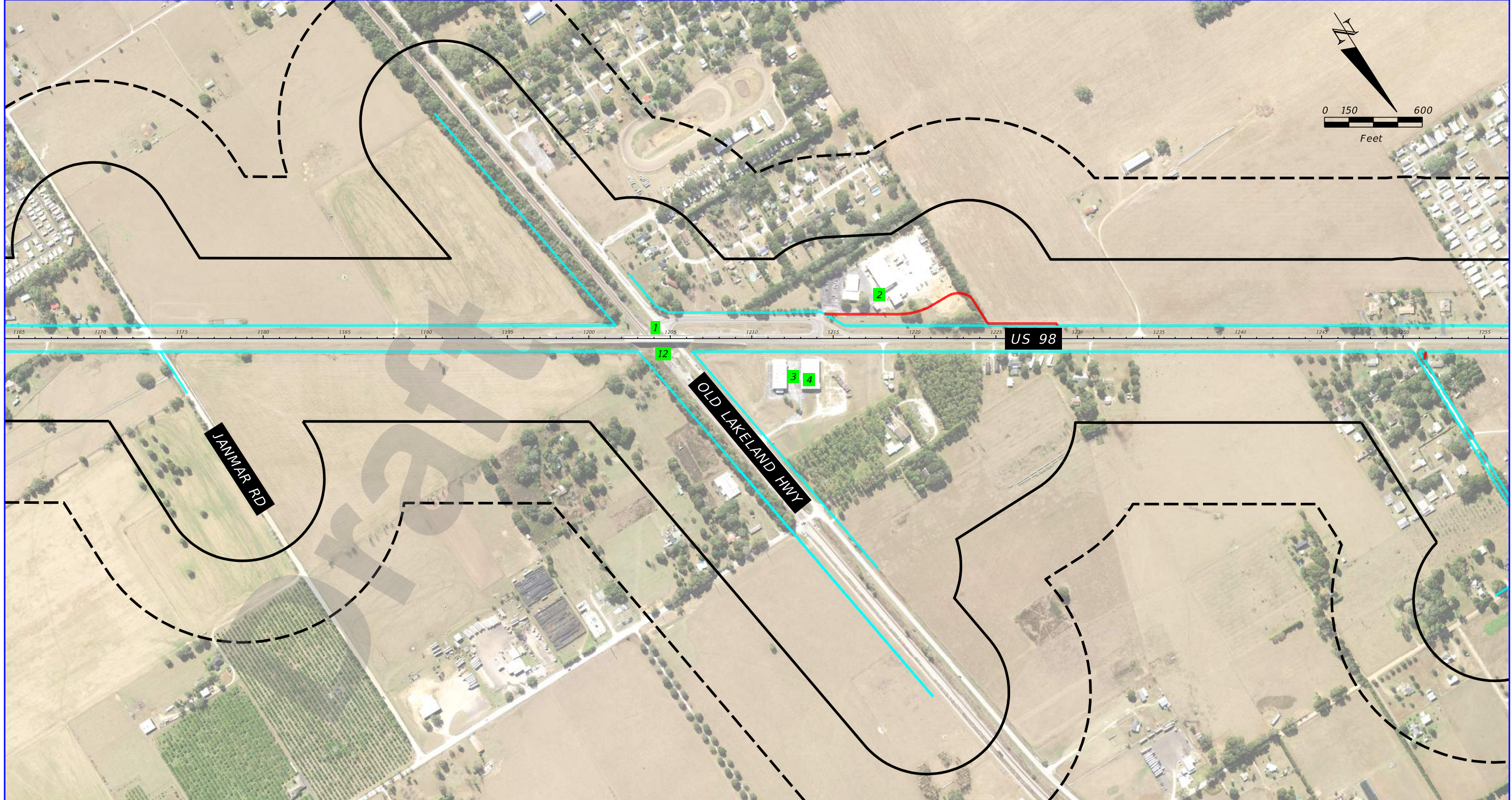
NOTE: SITE 13 NOT SHOWN ON THIS MAP, SEE APPENDIX B

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

POTENTIAL CONTAMINATION SITES

- 500 FOOT BUFFER
- PROPOSED RIGHT OF WAY
- SITE NAME** GREEN = NO/LOW RISK SITES
- 1,000 FOOT BUFFER
- EXISTING RIGHT OF WAY
- SITE NAME** RED = HIGH/MEDIUM RISK SITES

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. A-3
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



NOTE: SITE 13 NOT SHOWN ON THIS MAP, SEE APPENDIX B

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

POTENTIAL CONTAMINATION SITES

- 500 FOOT BUFFER
- 1,000 FOOT BUFFER
- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- SITE NAME** GREEN = NO/LOW RISK SITES
- SITE NAME** RED = HIGH/MEDIUM RISK SITES

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. A-4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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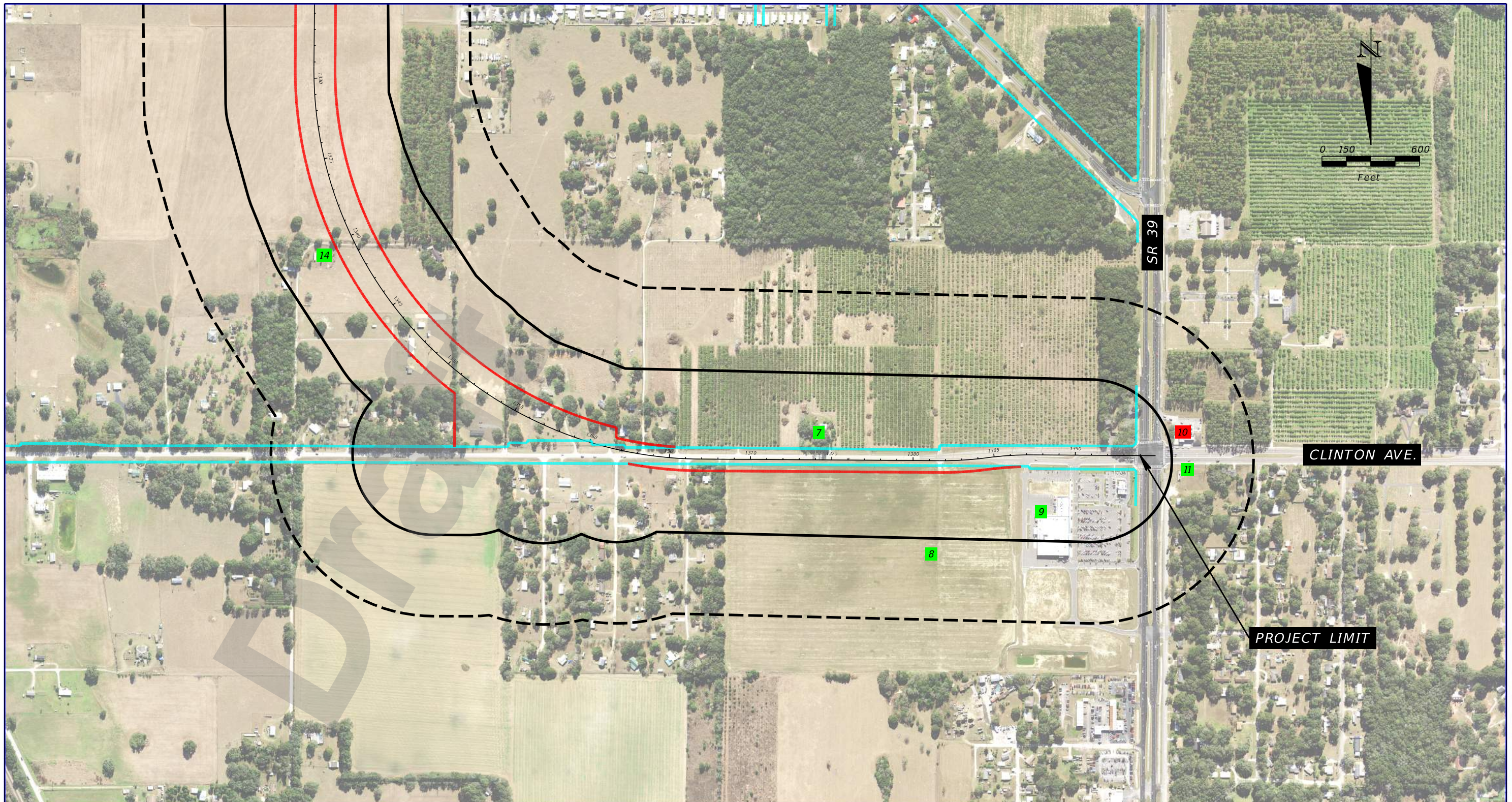
NOTE: SITE 13 NOT SHOWN ON THIS MAP, SEE APPENDIX B

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

POTENTIAL CONTAMINATION SITES

- 500 FOOT BUFFER
- 1,000 FOOT BUFFER
- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- SITE NAME** GREEN = NO/LOW RISK SITES
- SITE NAME** RED = HIGH/MEDIUM RISK SITES

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
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NOTE: SITE 13 NOT SHOWN ON THIS MAP, SEE APPENDIX B

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

POTENTIAL CONTAMINATION SITES

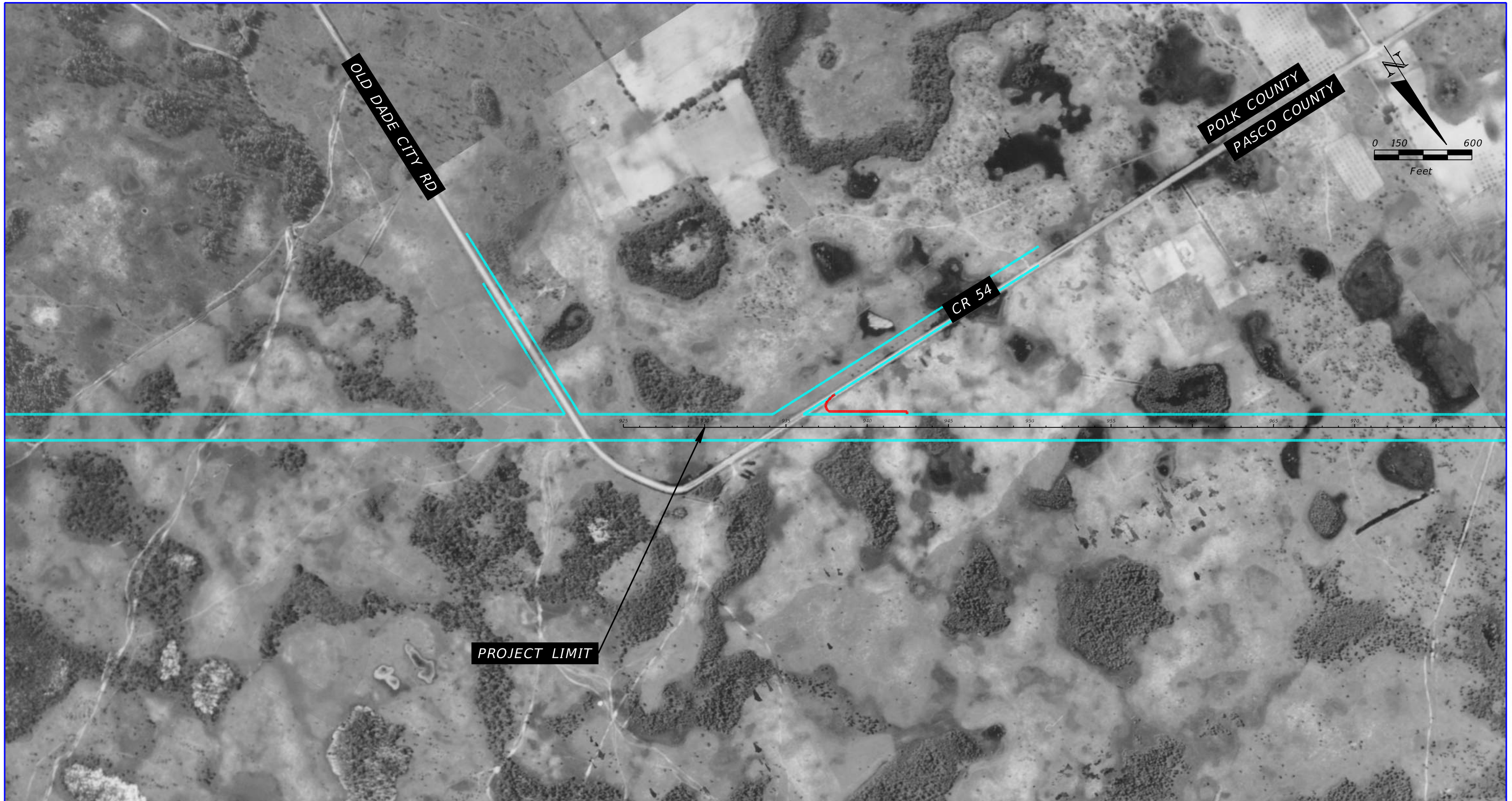
- 500 FOOT BUFFER
- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- 1,000 FOOT BUFFER
- SITE NAME** GREEN = NO/LOW RISK SITES
- SITE NAME** RED = HIGH/MEDIUM RISK SITES

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. A-6
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

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APPENDIX B

Historical Aerial Photographs

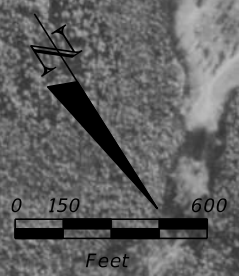
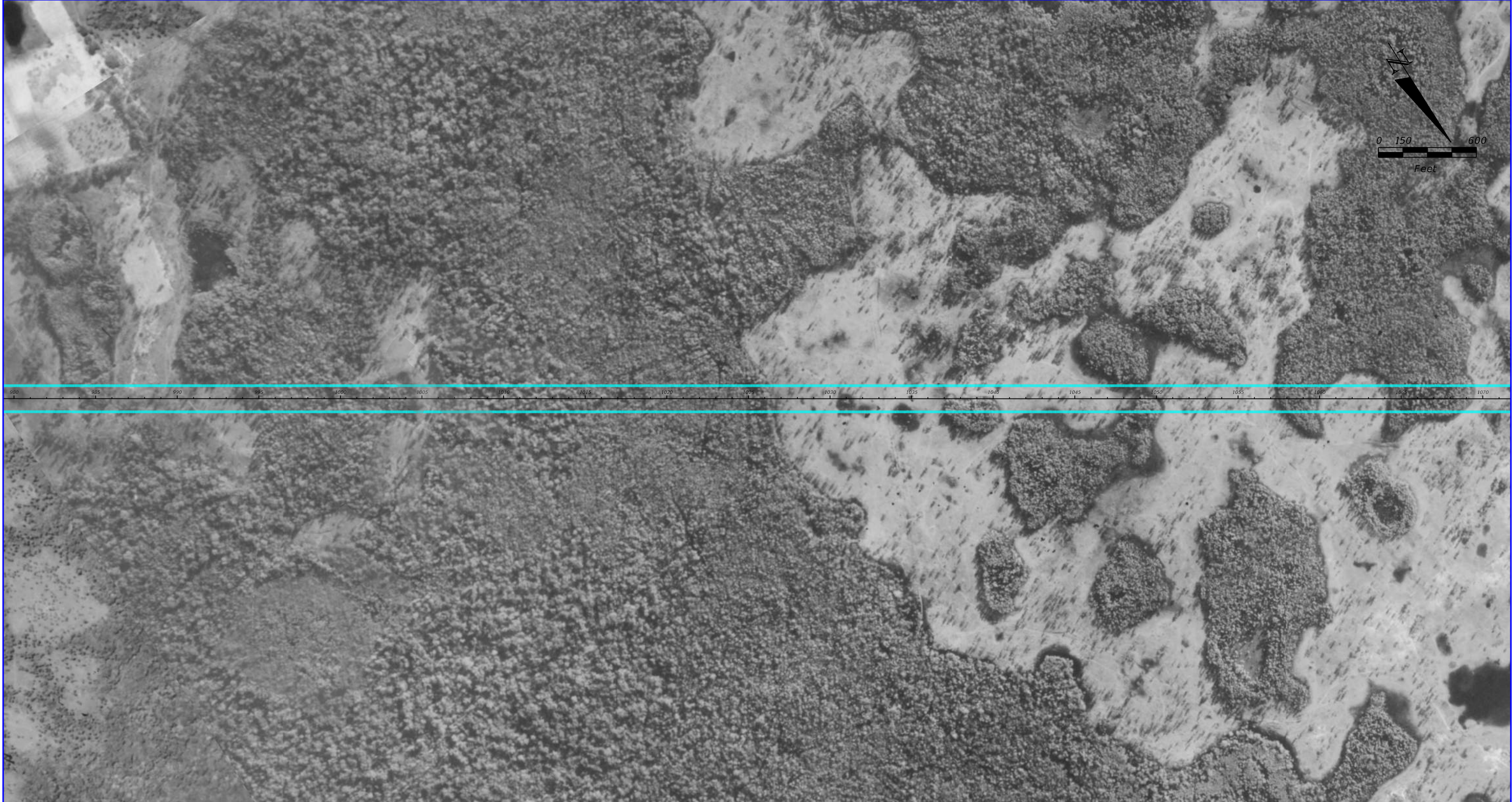


1941 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-1
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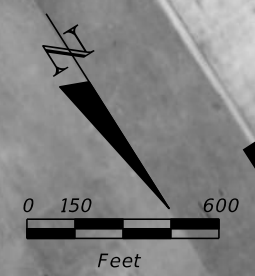
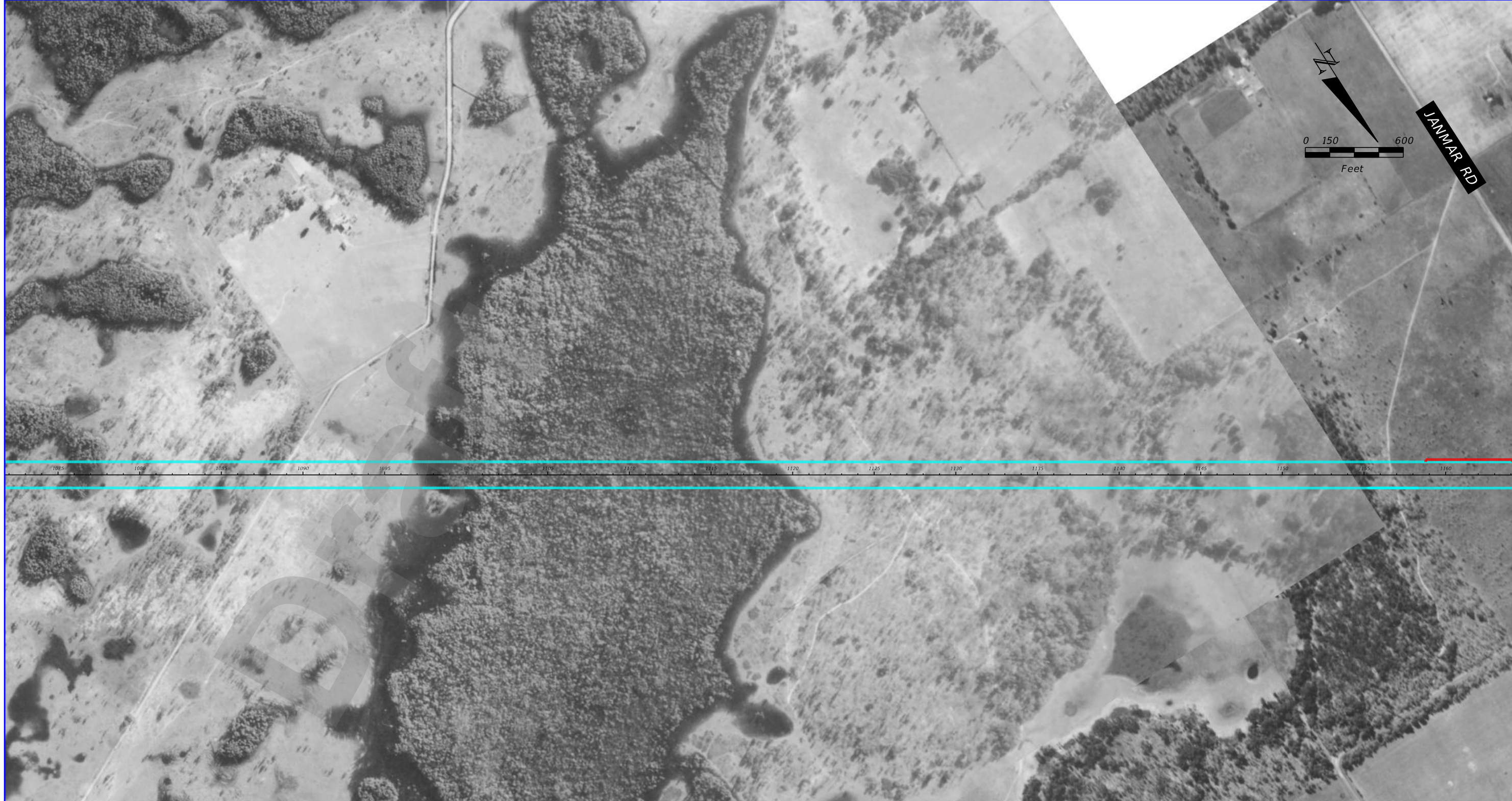
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1941 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
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REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-2
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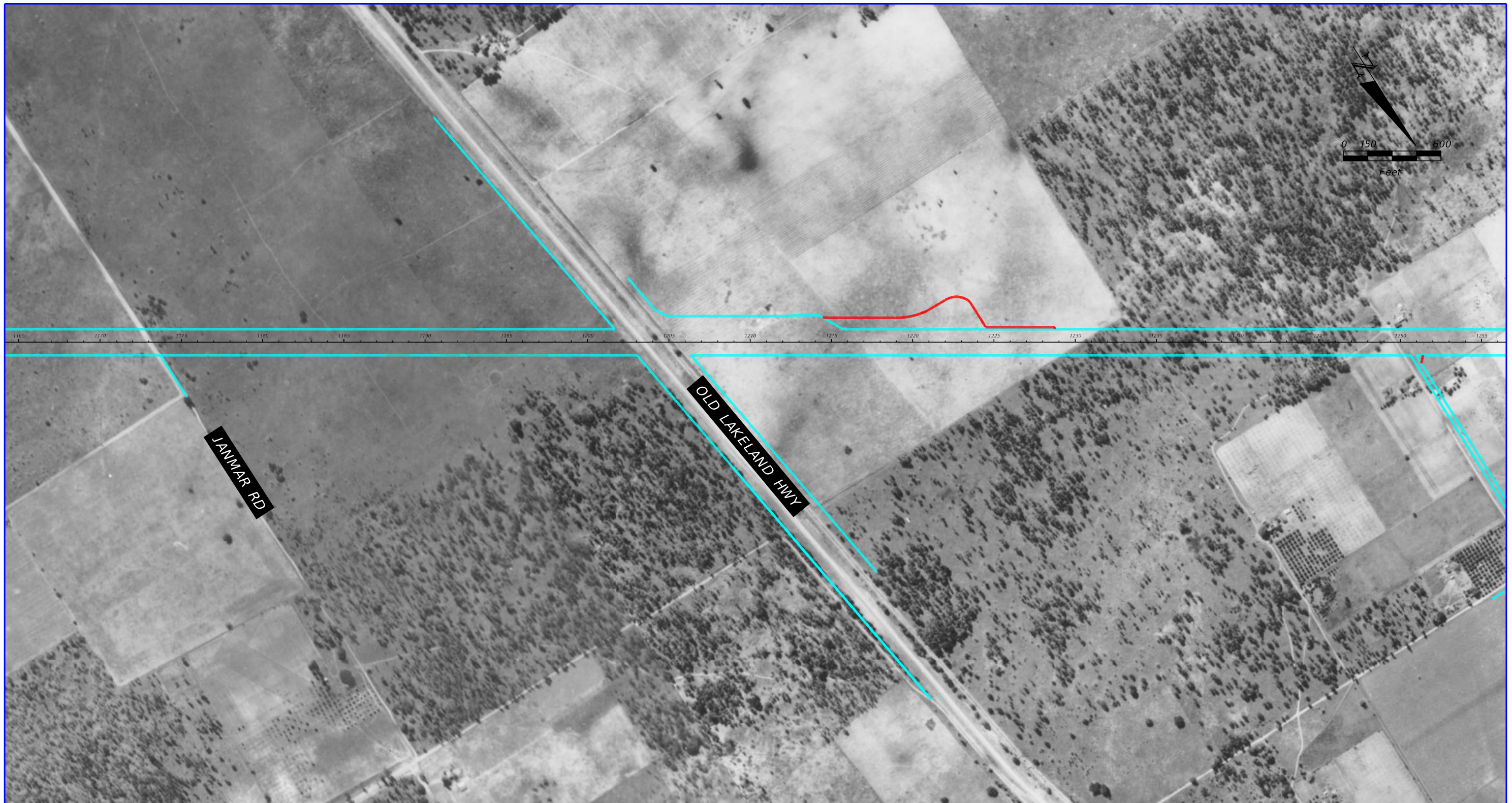
JANMAR RD

1941 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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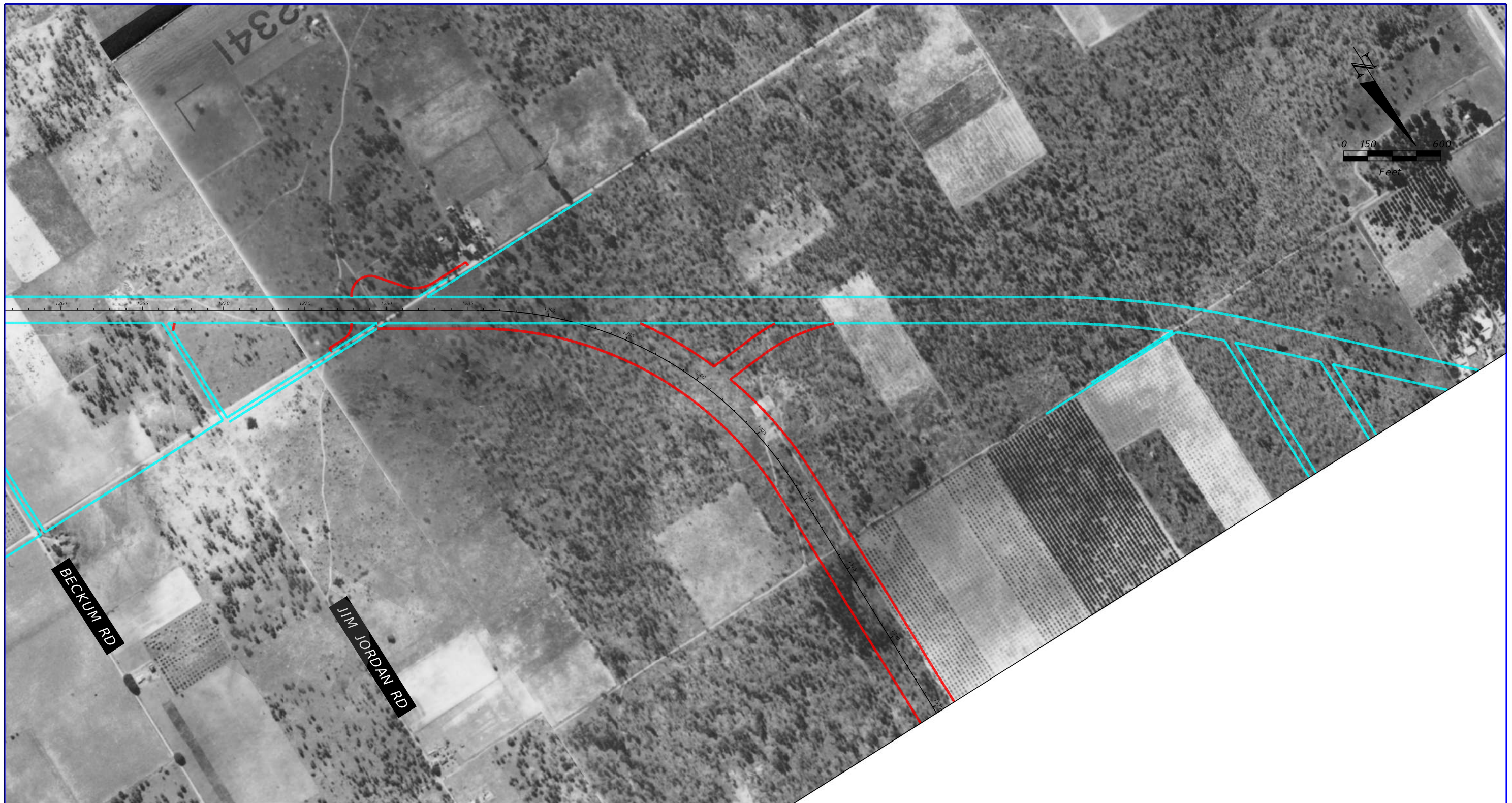


1941 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

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- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-4
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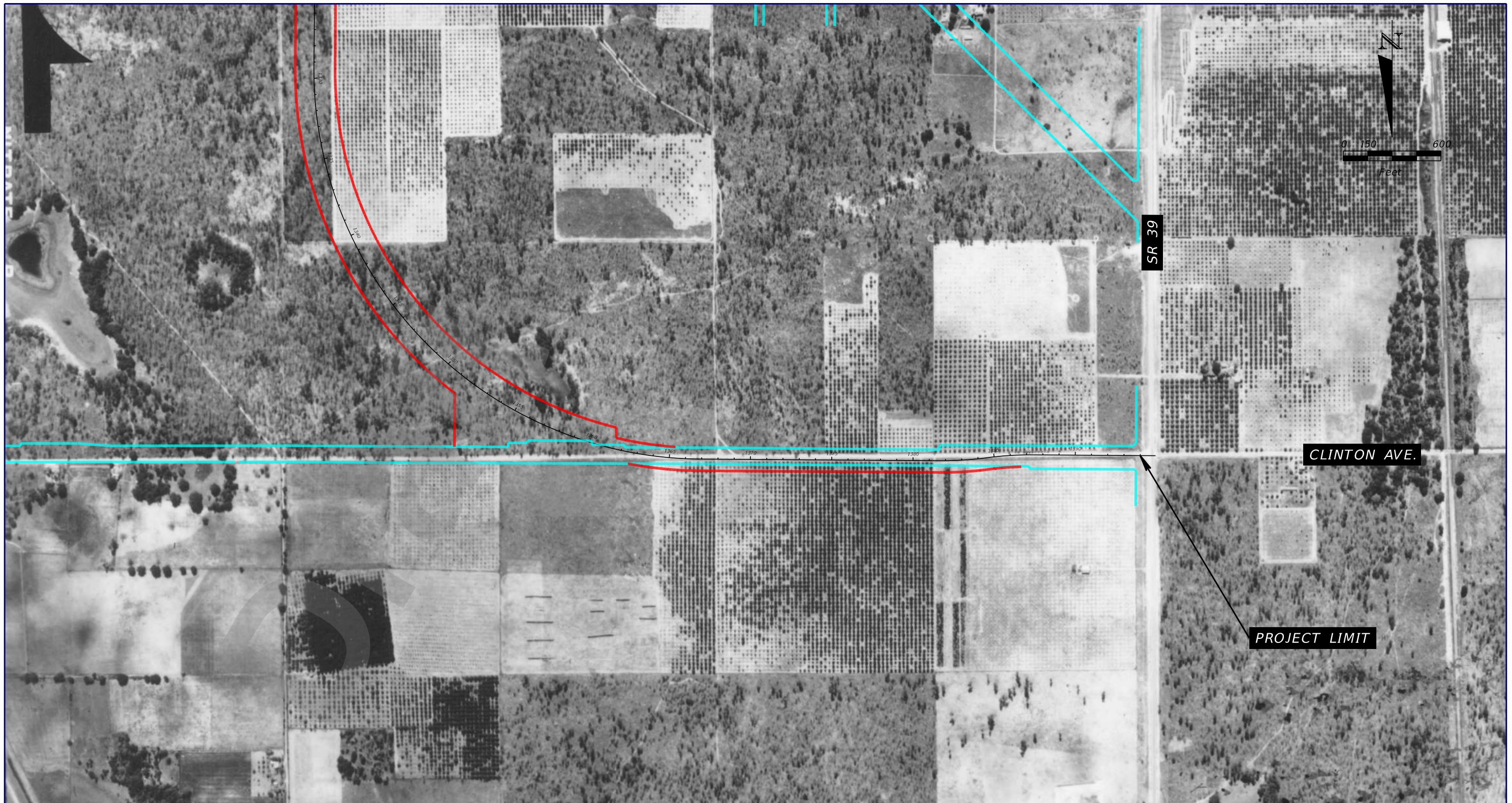


SOURCE: UNIVERSITY OF FLORIDA

1941 HISTORICAL AERIAL PHOTOGRAPH

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- EXISTING RIGHT OF WAY

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637				B-5



1941 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-6
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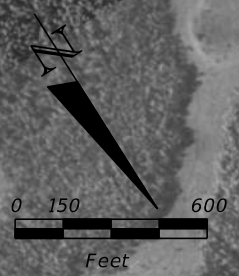
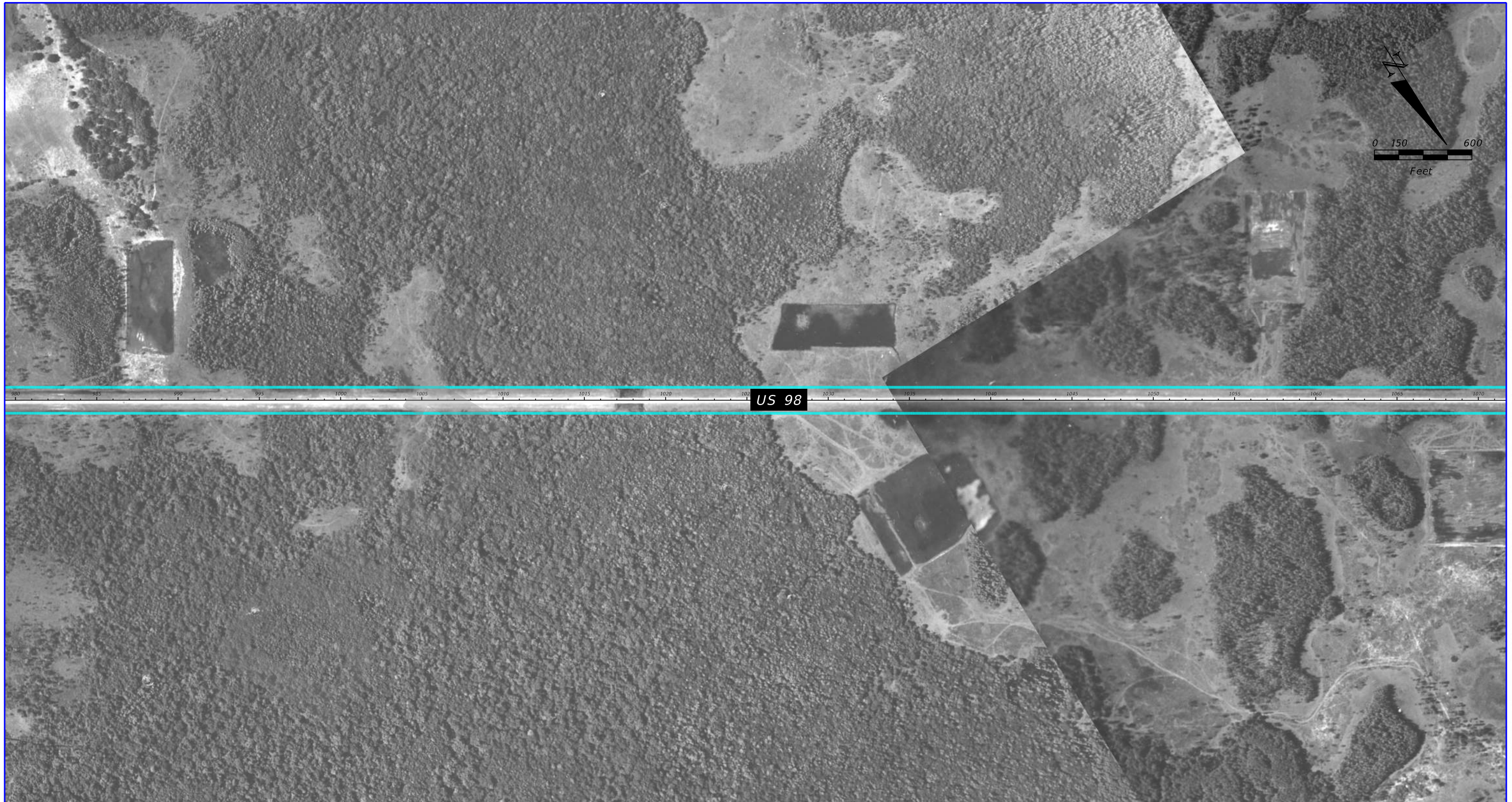


1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-7
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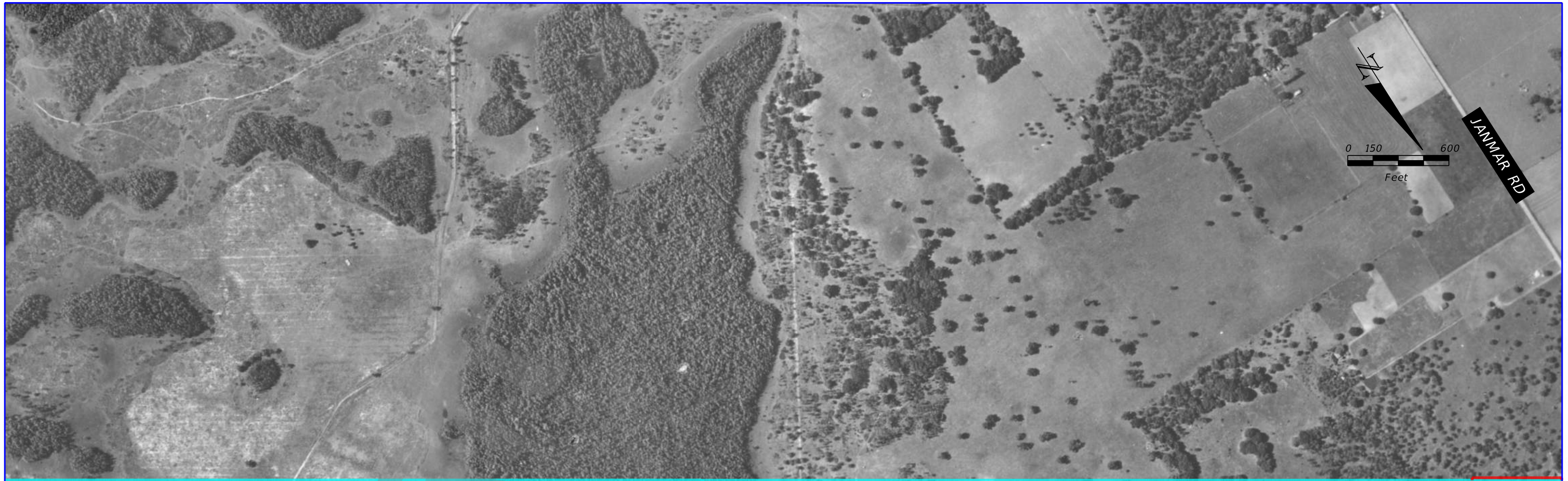
US 98

1957 HISTORICAL AERIAL PHOTOGRAPH

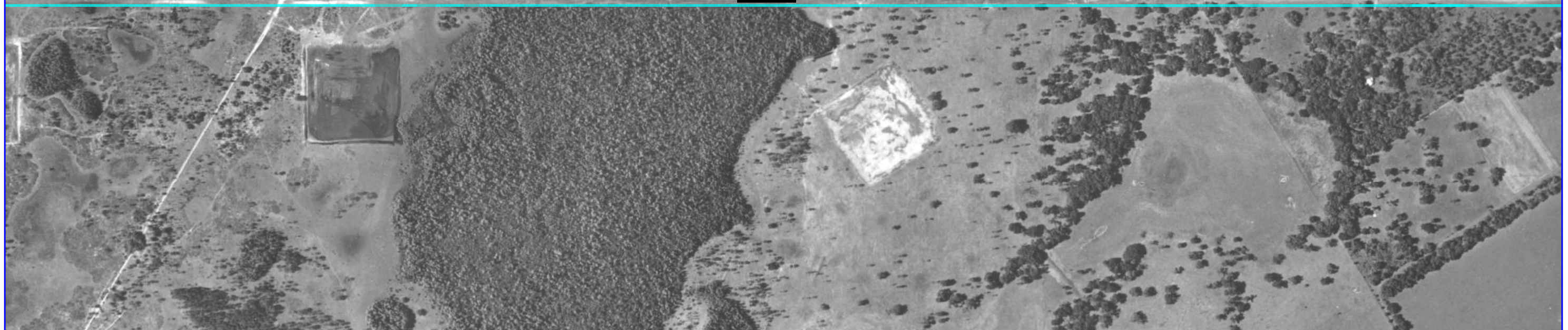
SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-8
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US 98



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-9
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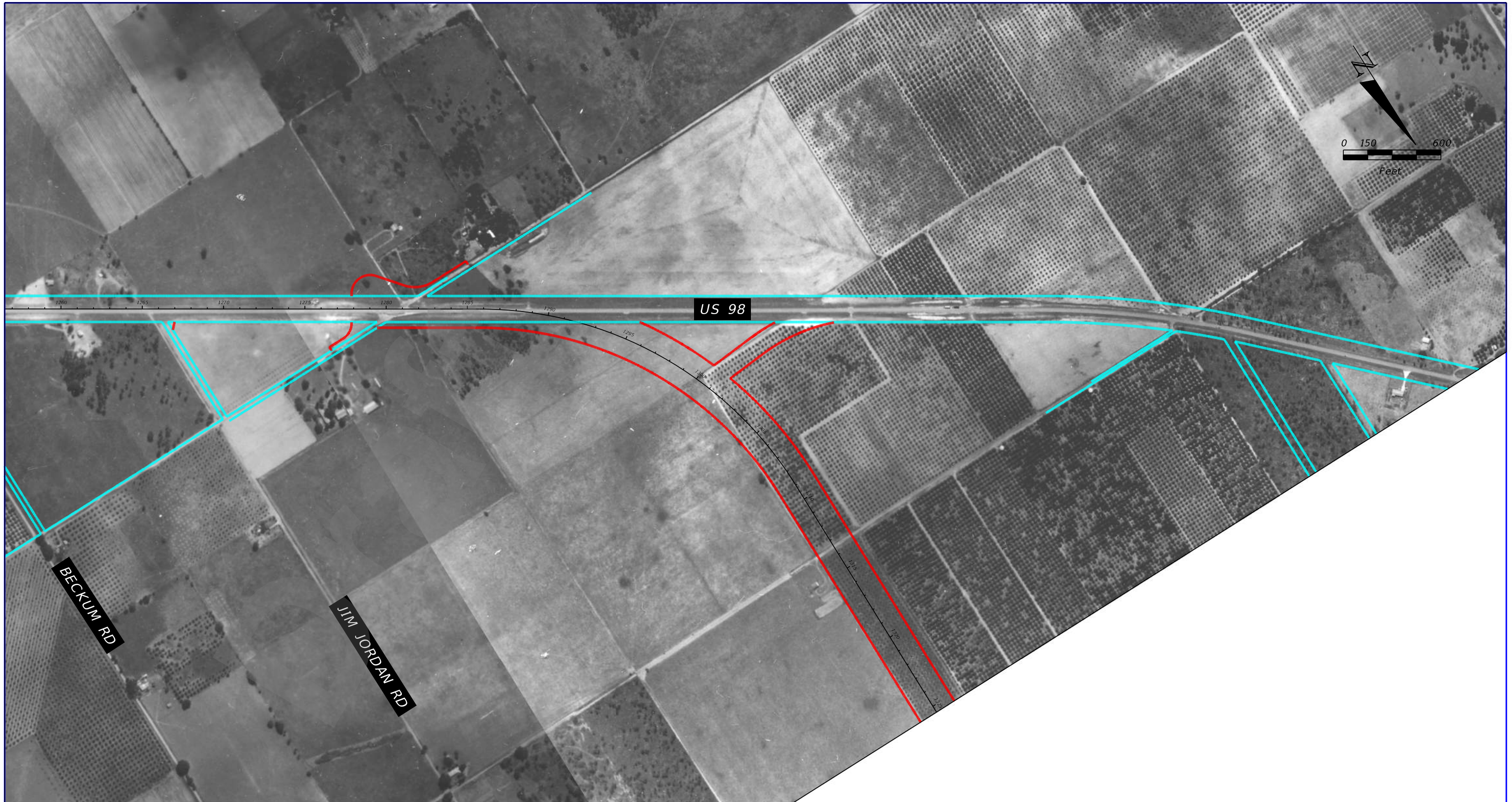


1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-10
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SOURCE: UNIVERSITY OF FLORIDA

1957 HISTORICAL AERIAL PHOTOGRAPH

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-11
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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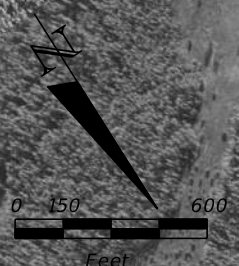
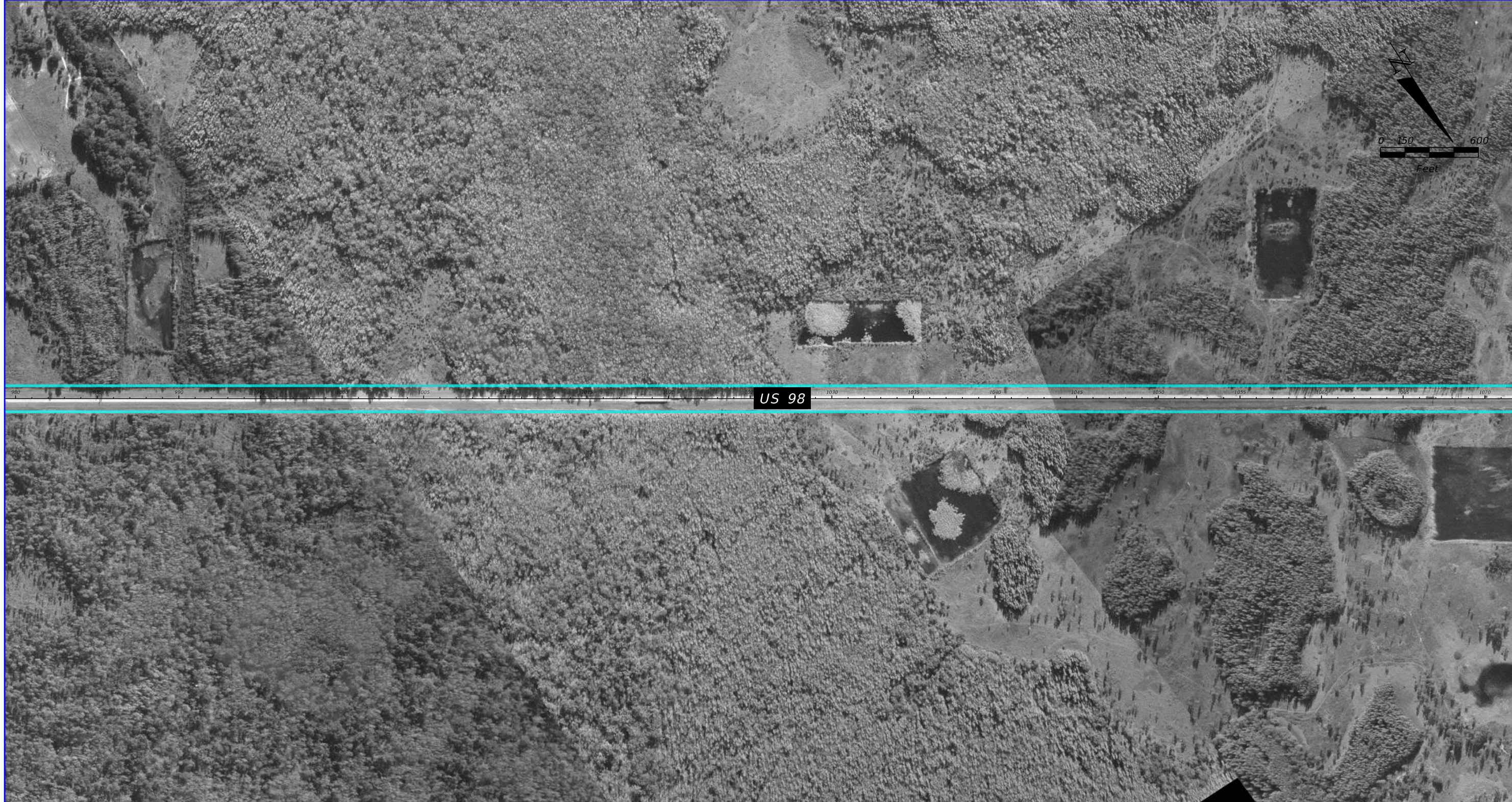


1967 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-13
DATE	DESCRIPTION	DATE	DESCRIPTION					
			TIERRA PROJECT NO.: 6511-19-010E	TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	US 98	PASCO	443368-1-22-01 443368-2-22-01	



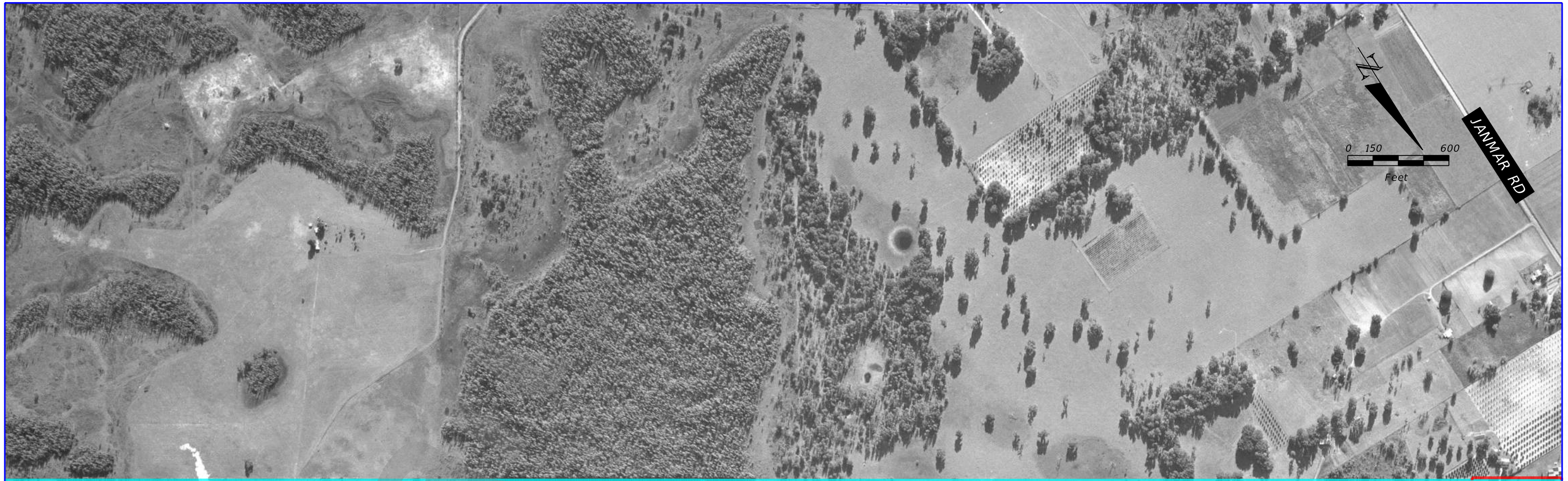
US 98

1967 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-14
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



1967 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-15
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



1967 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-16
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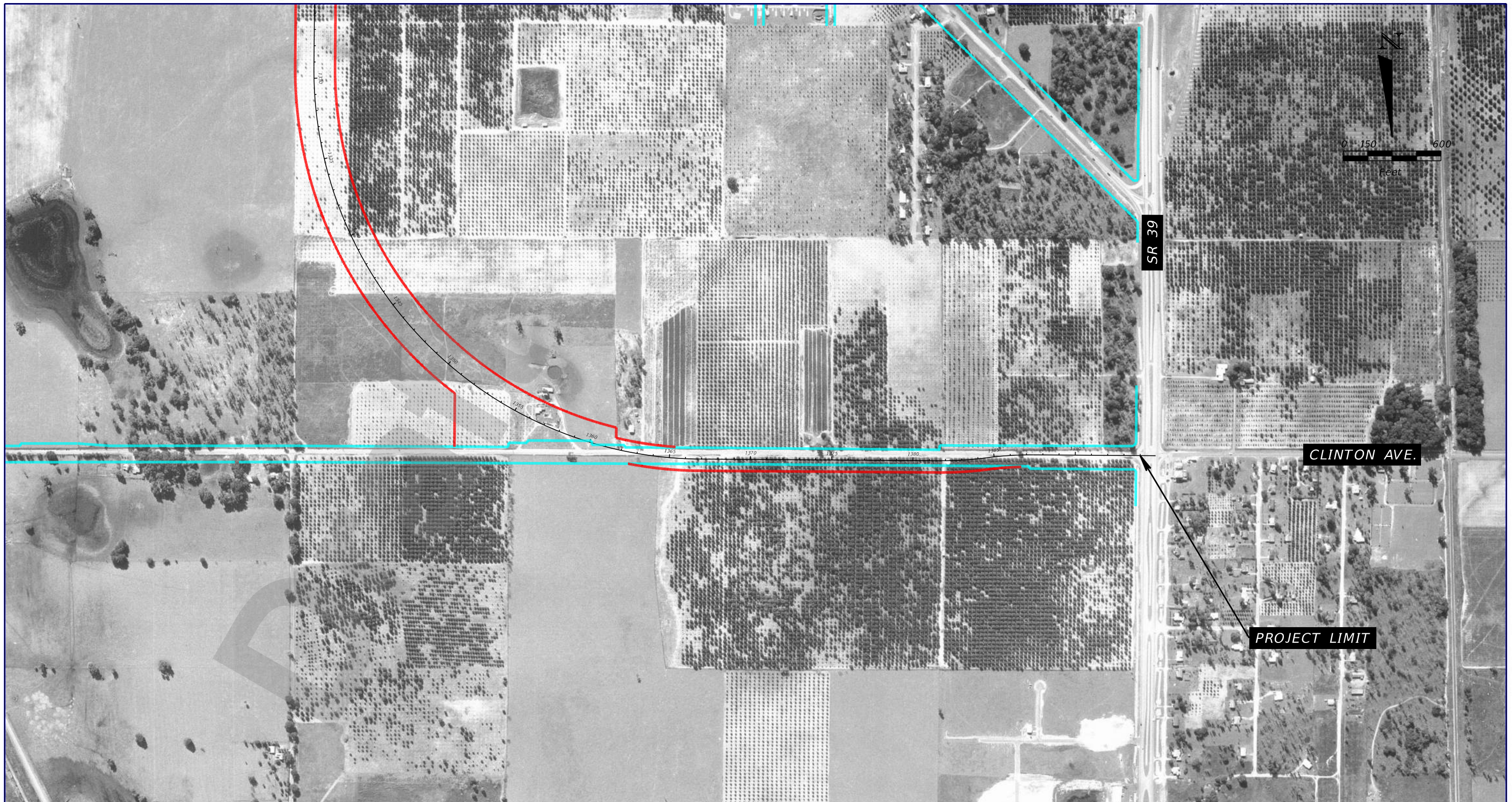


1967 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-17
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1967 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-18
DATE	DESCRIPTION	DATE	DESCRIPTION					
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

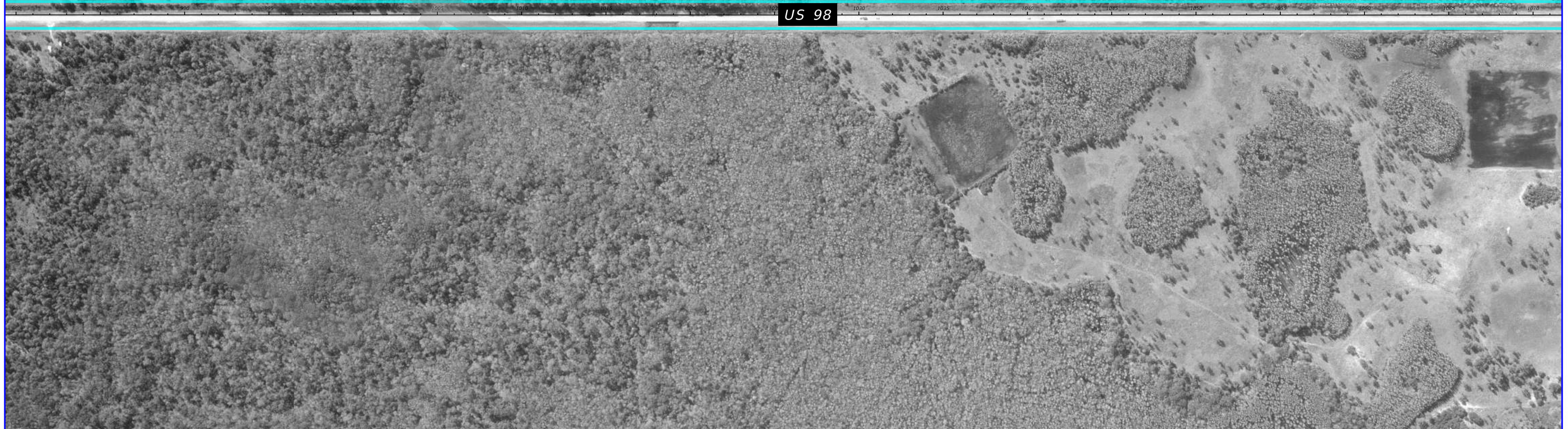
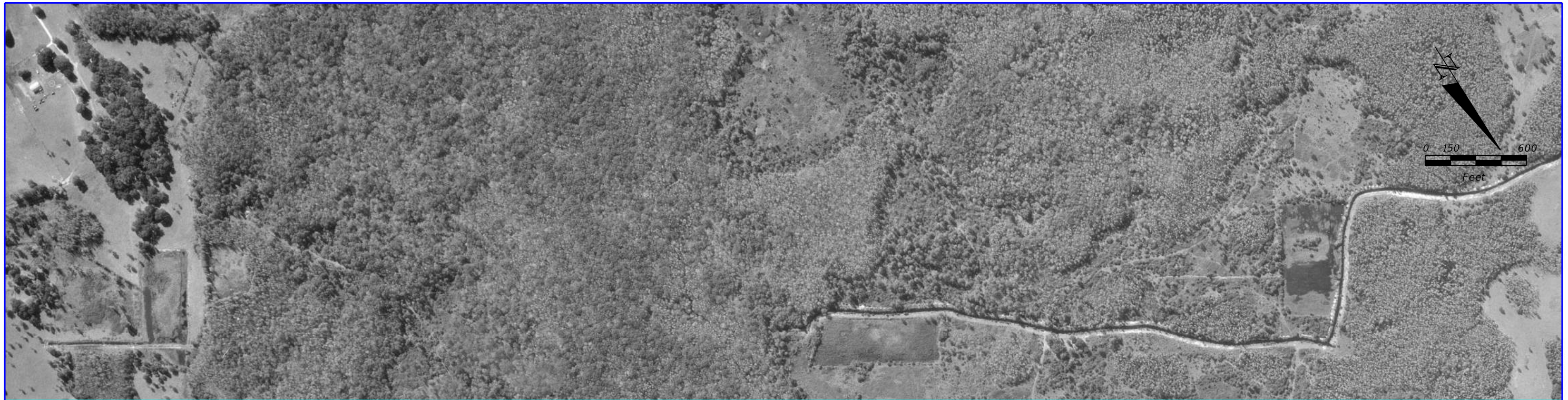


1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-19
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		

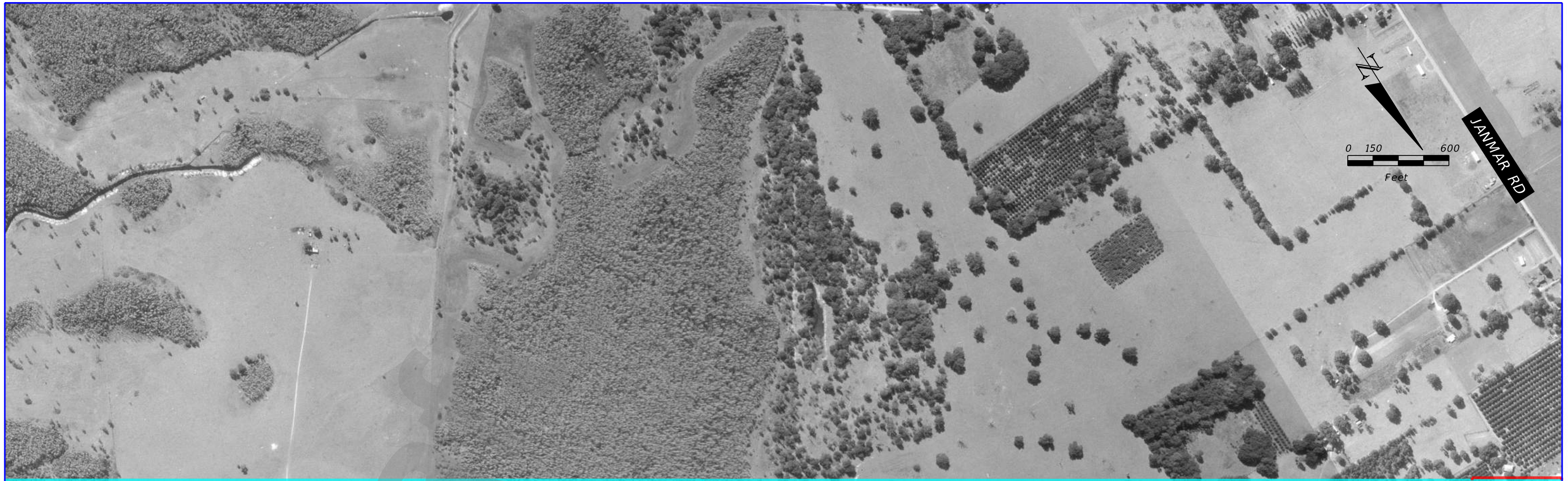


1976 HISTORICAL AERIAL PHOTOGRAPH

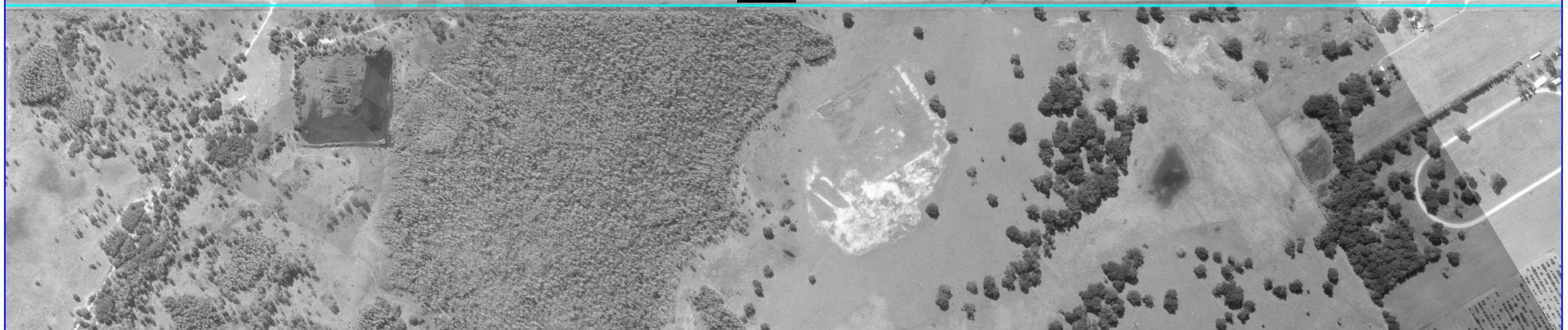
SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-20
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



US 98



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-21
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

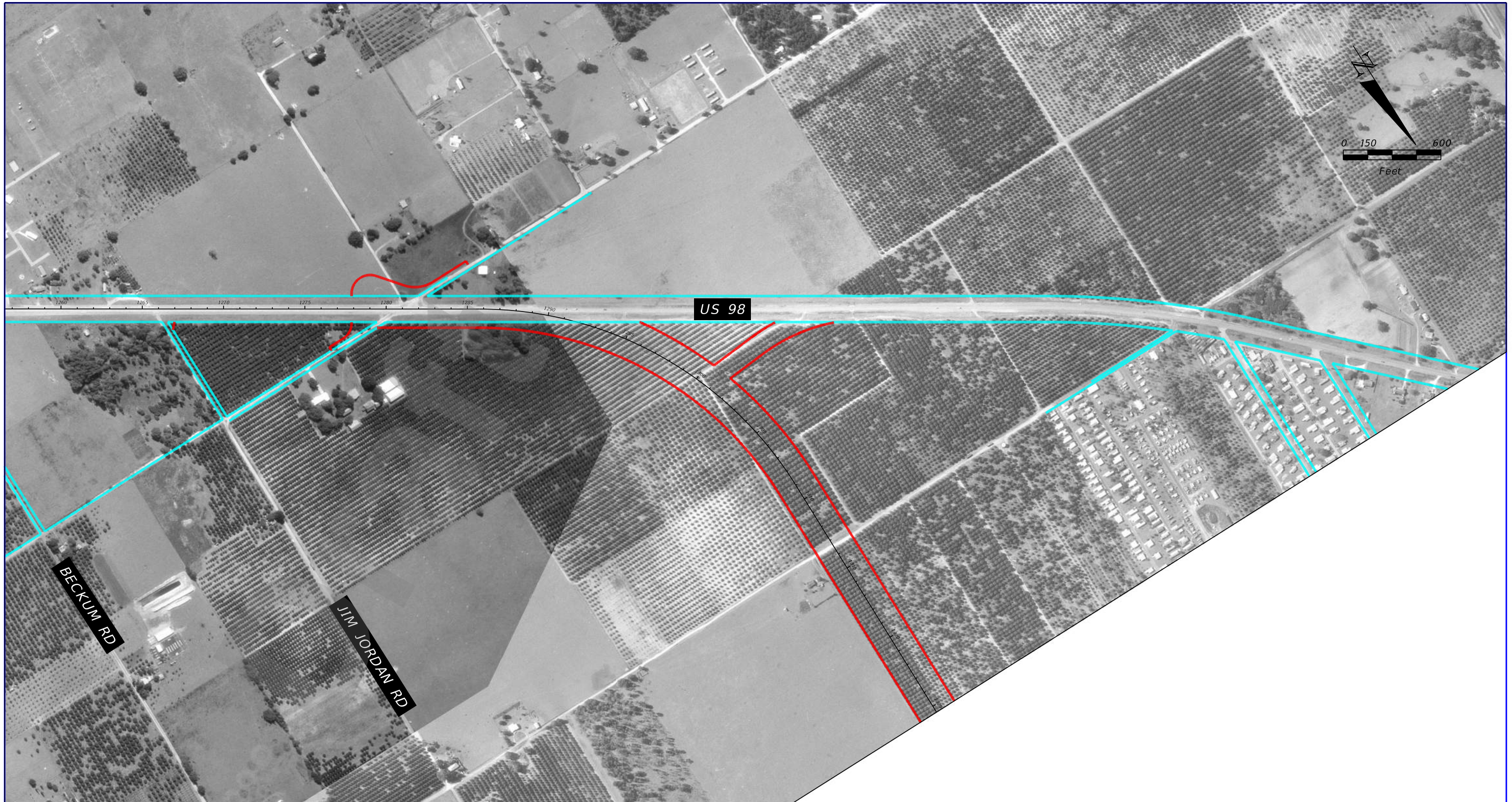


1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-22
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

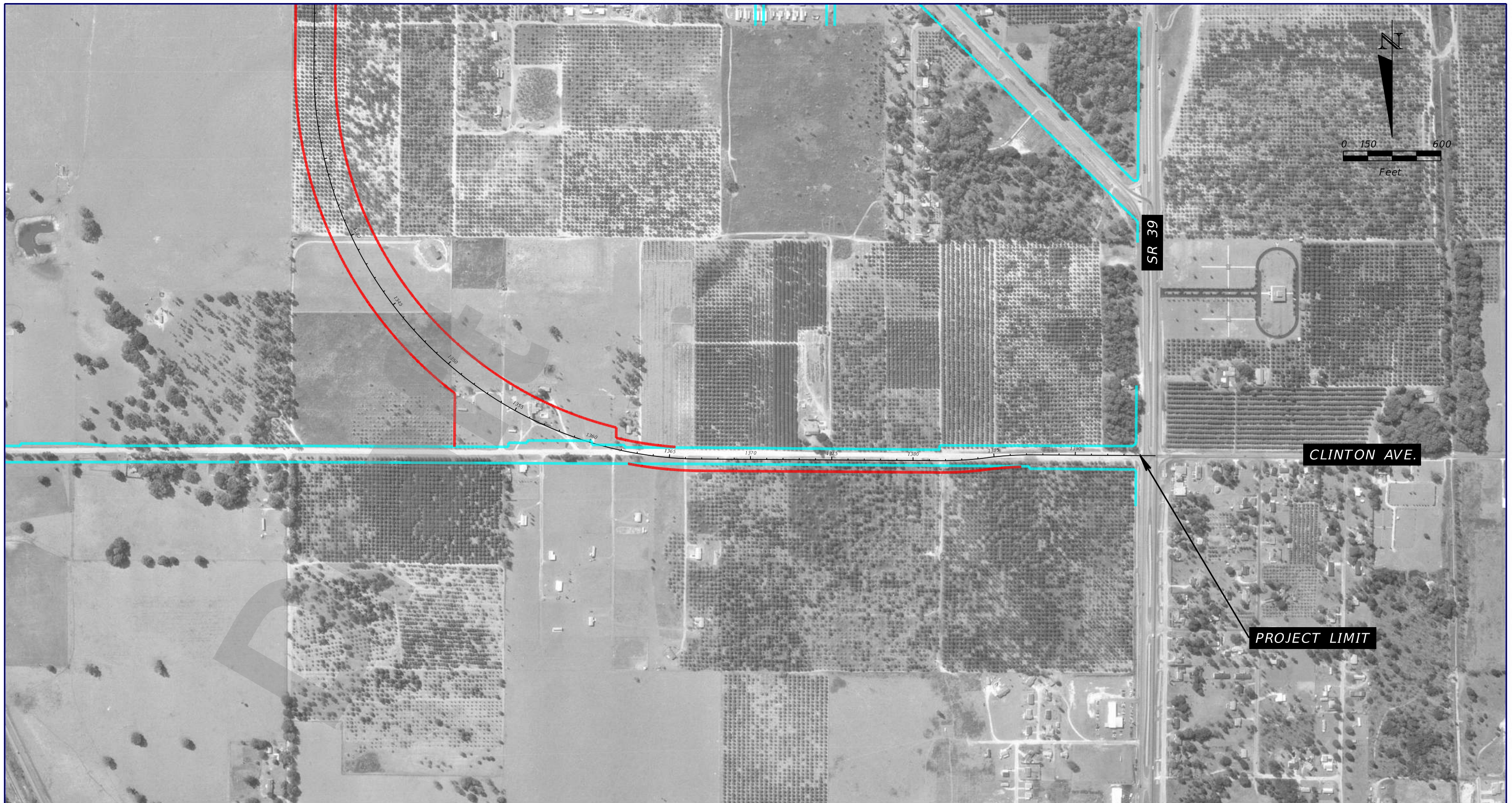


1976/1977 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-23
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



1976/1977 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-24
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01			

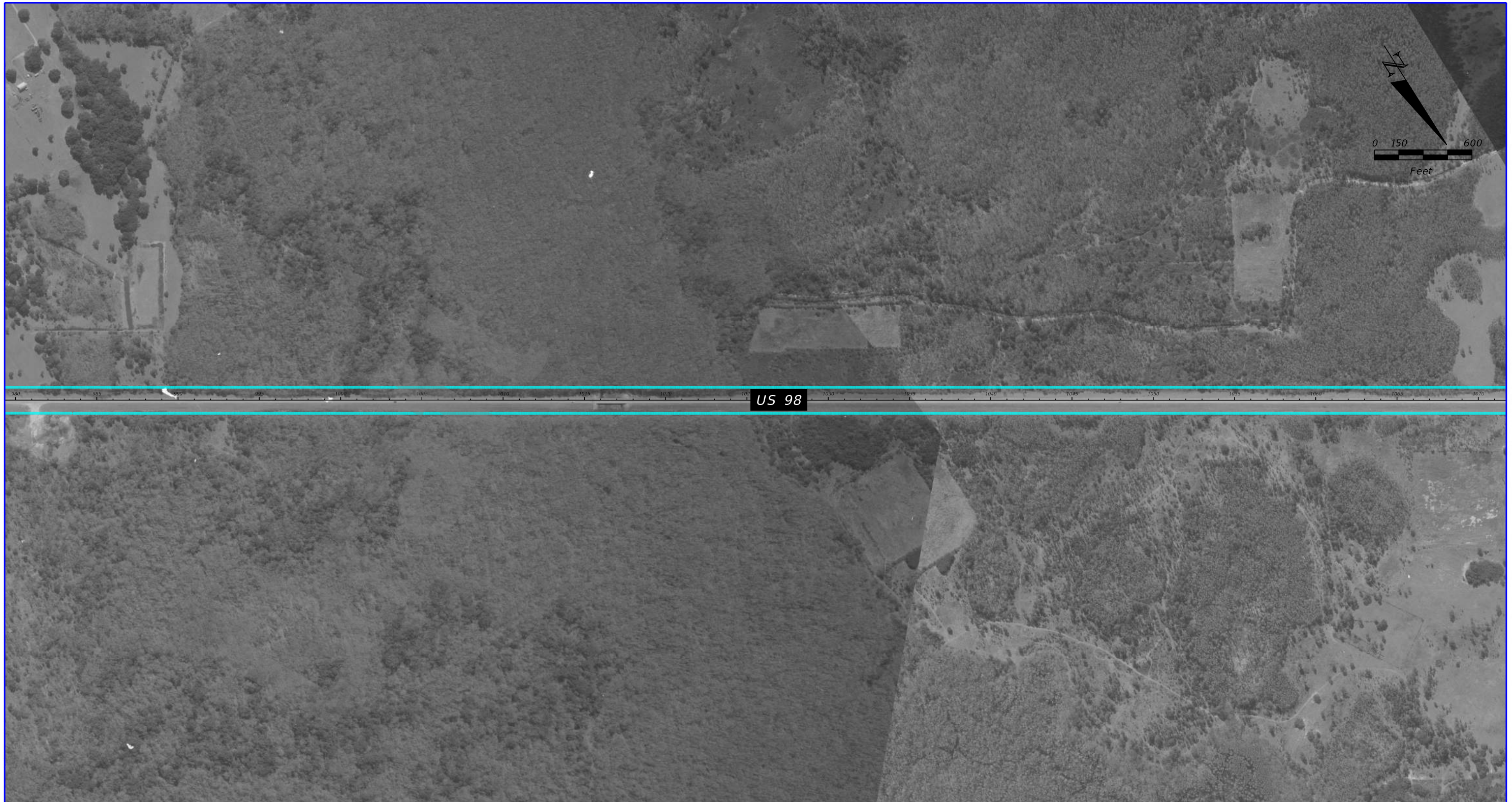


1985 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-25
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		

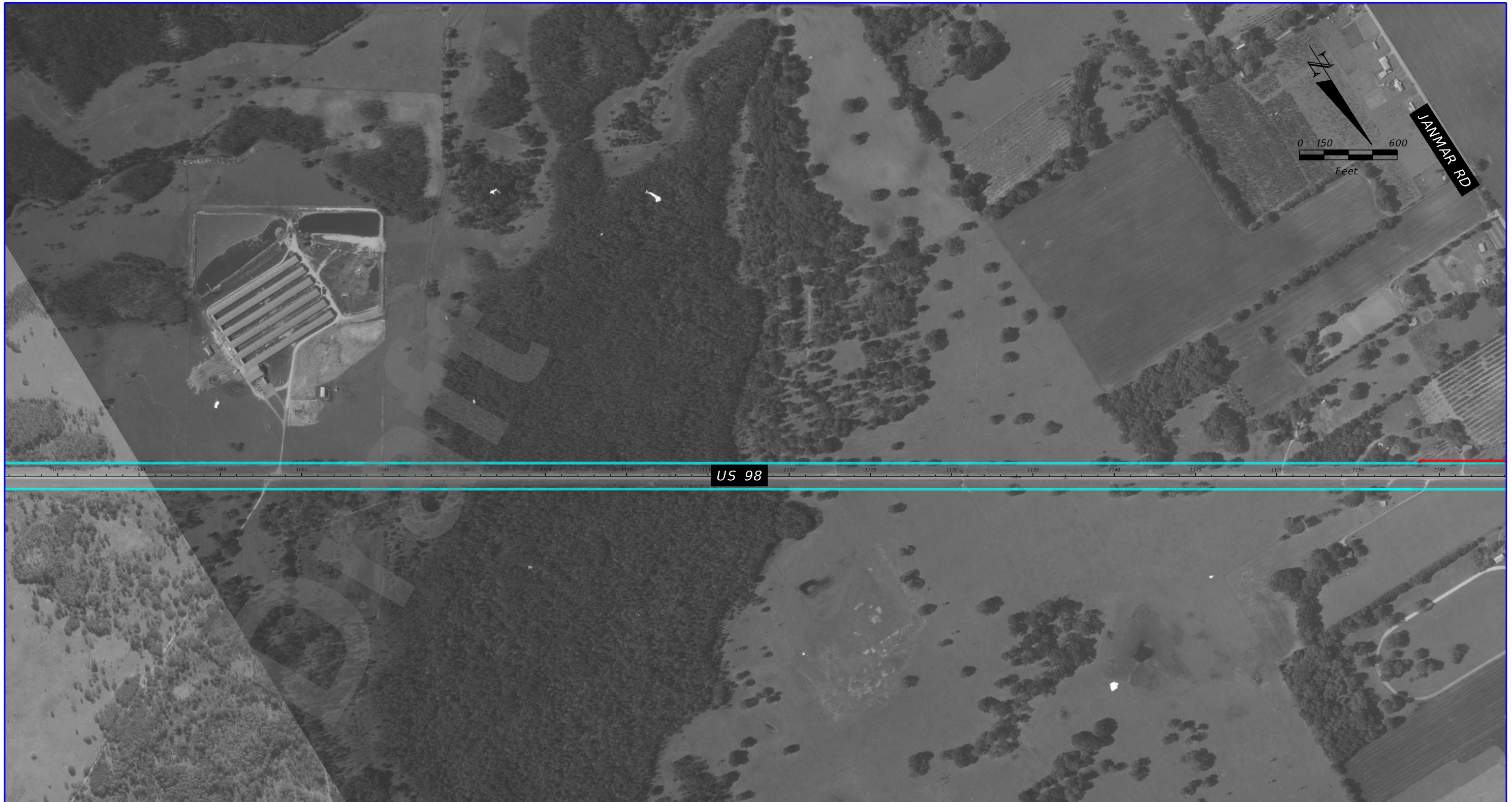


1985 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-26
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



1985 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-27
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

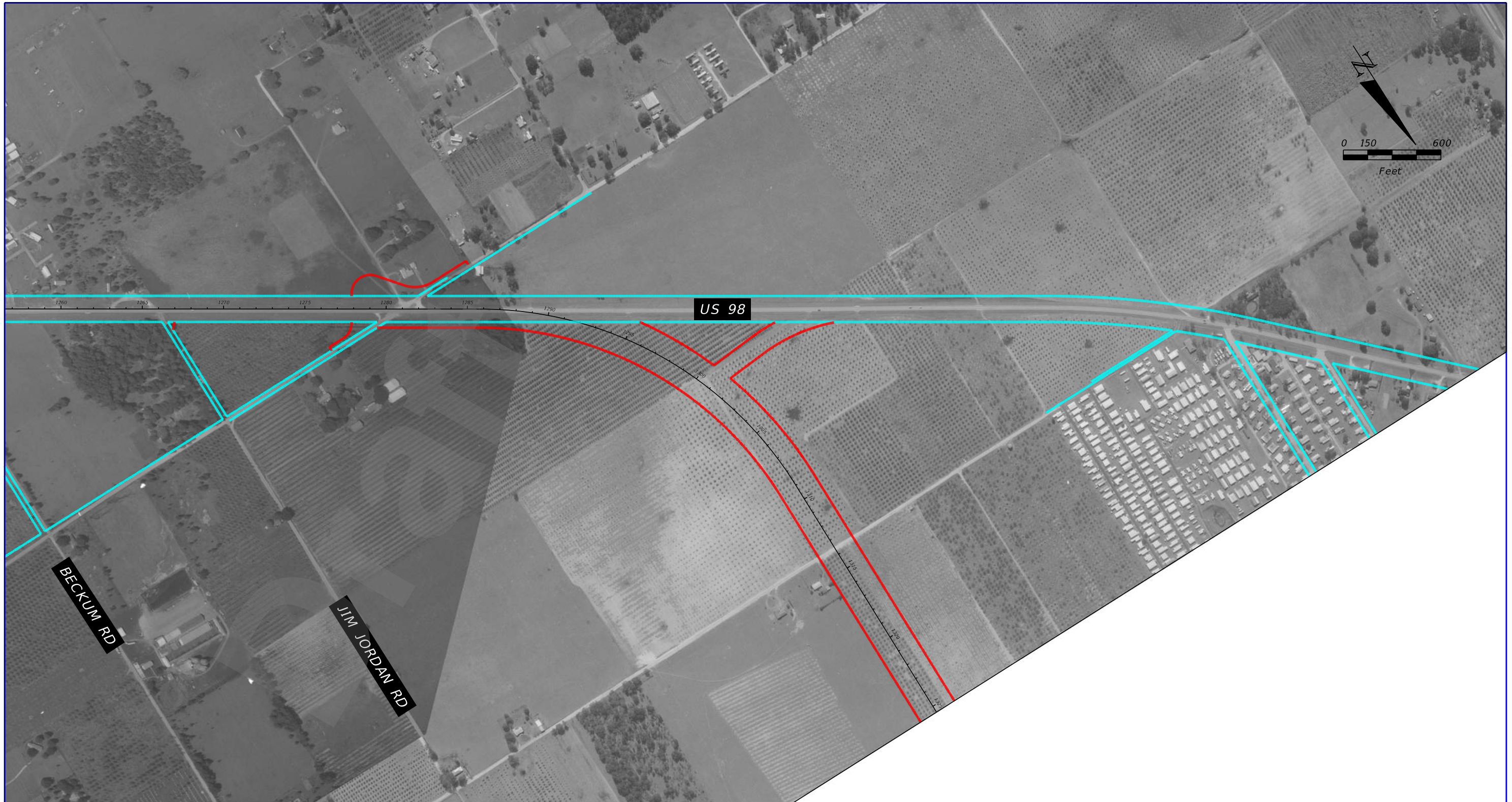


1985 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

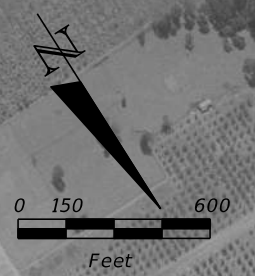
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-28
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		



US 98

BECKUM RD

JIM JORDAN RD



1985 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-29
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		



1985 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-30
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		

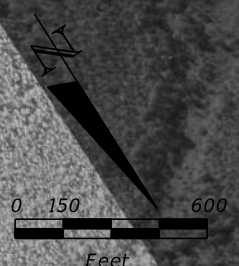
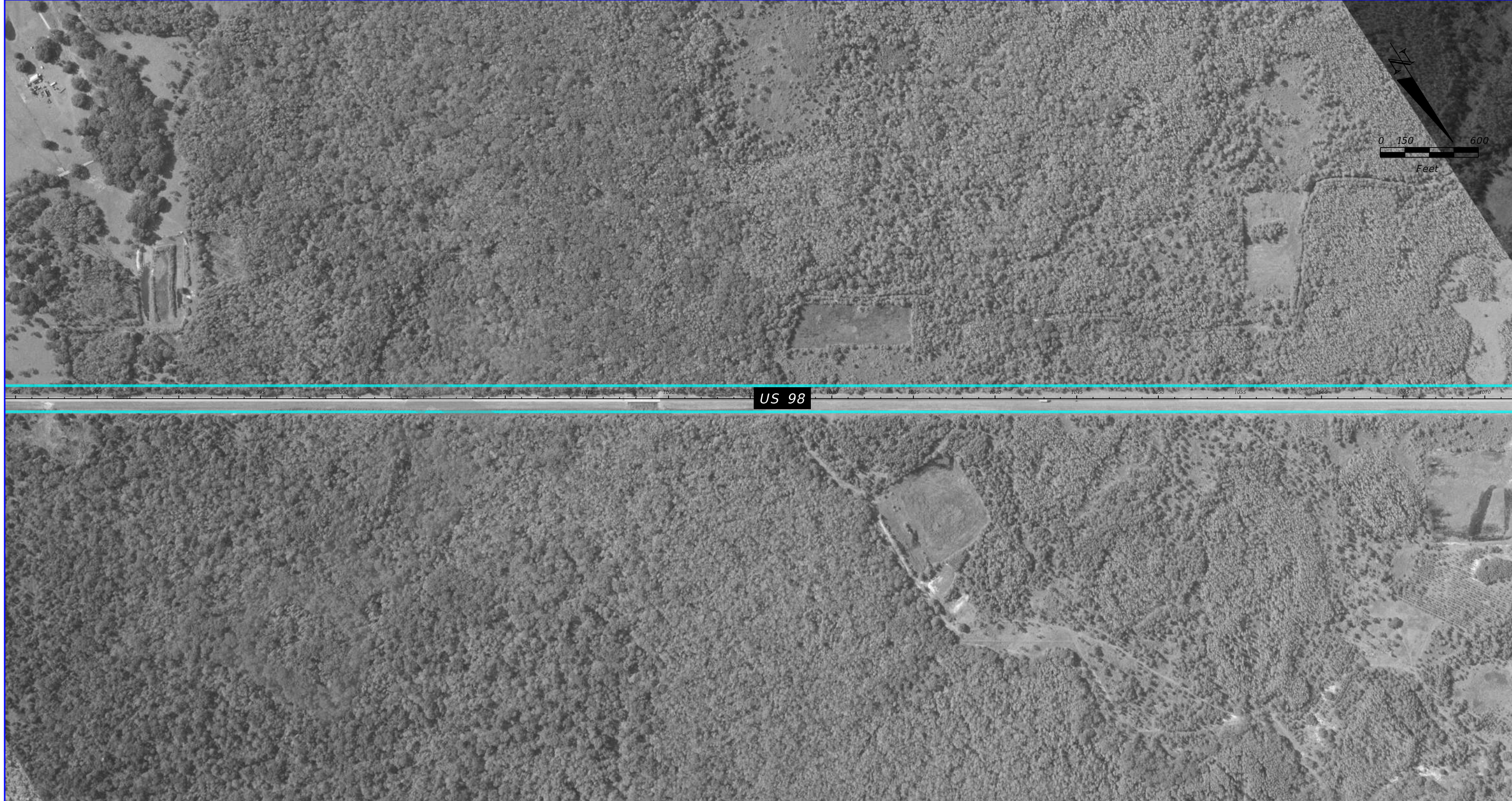


1991 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-31
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



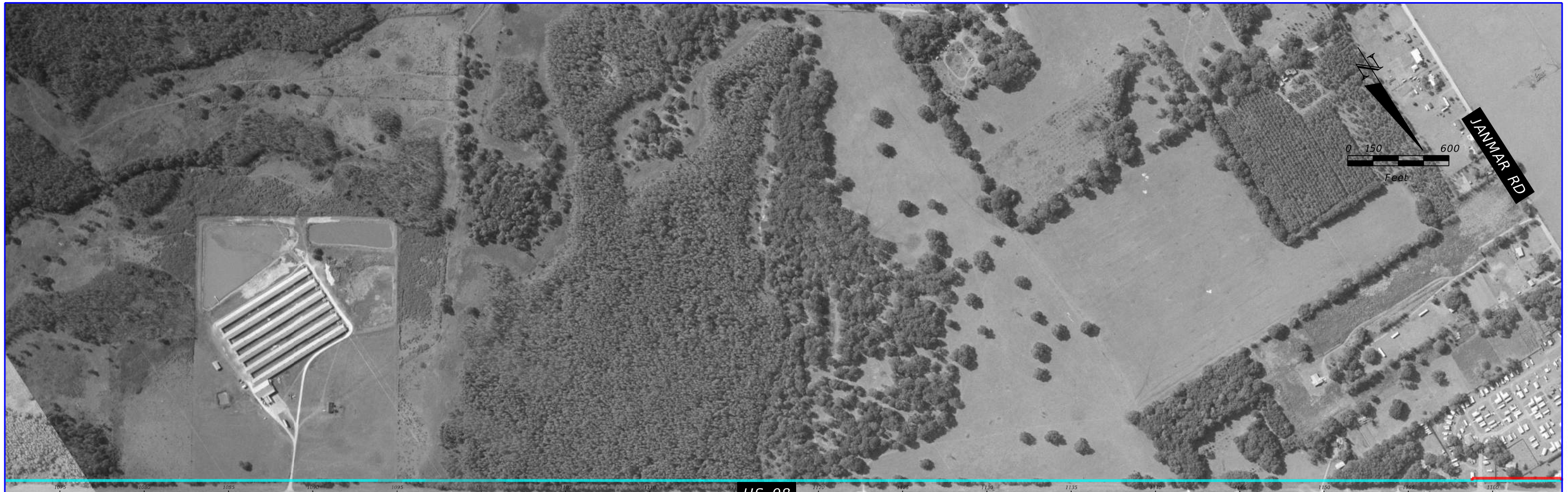
US 98

1991 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-32
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		

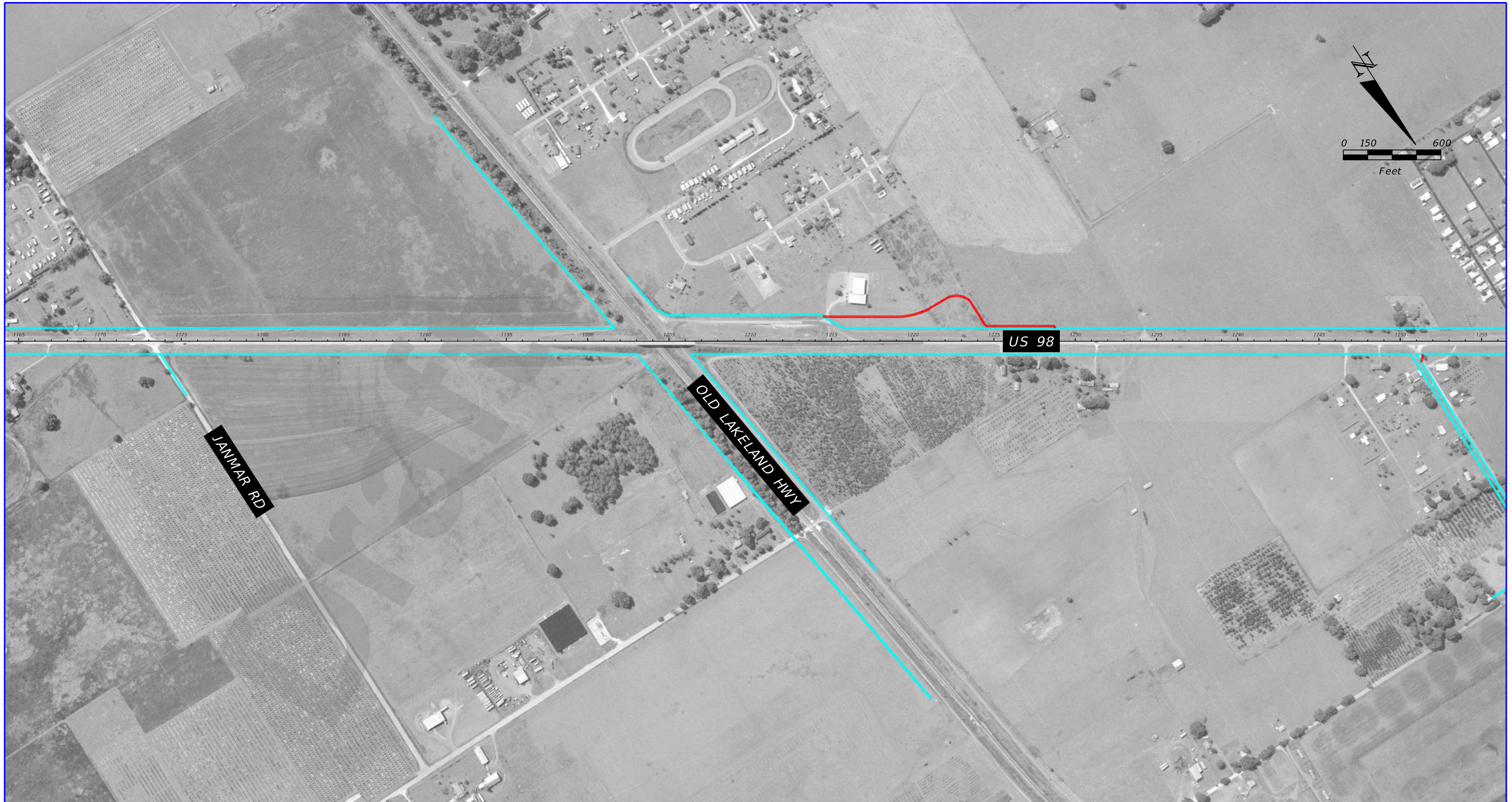


1991 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-33
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



1991 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-34
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



1991 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-35
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



1991 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-36
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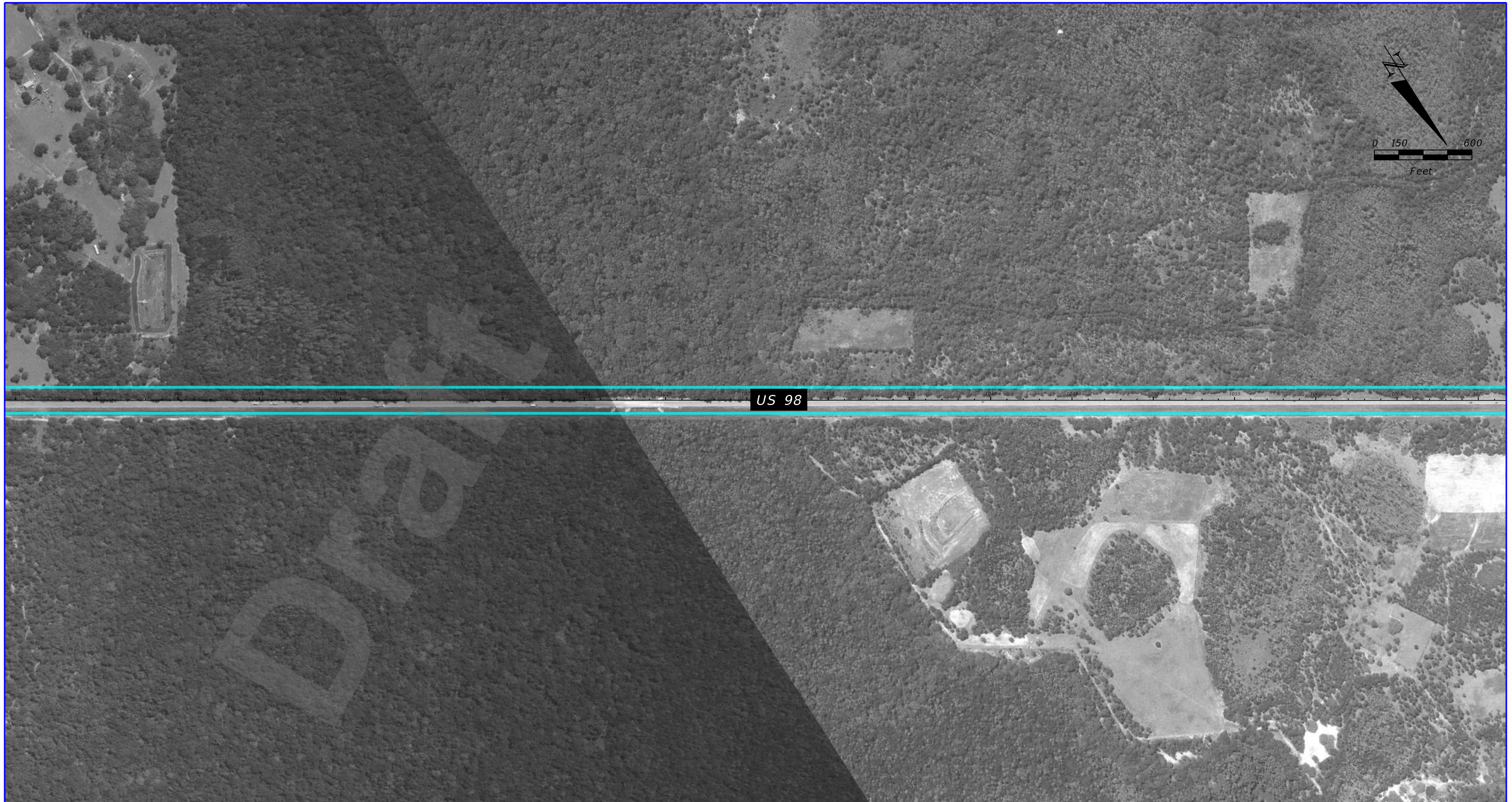


2001 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-37
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

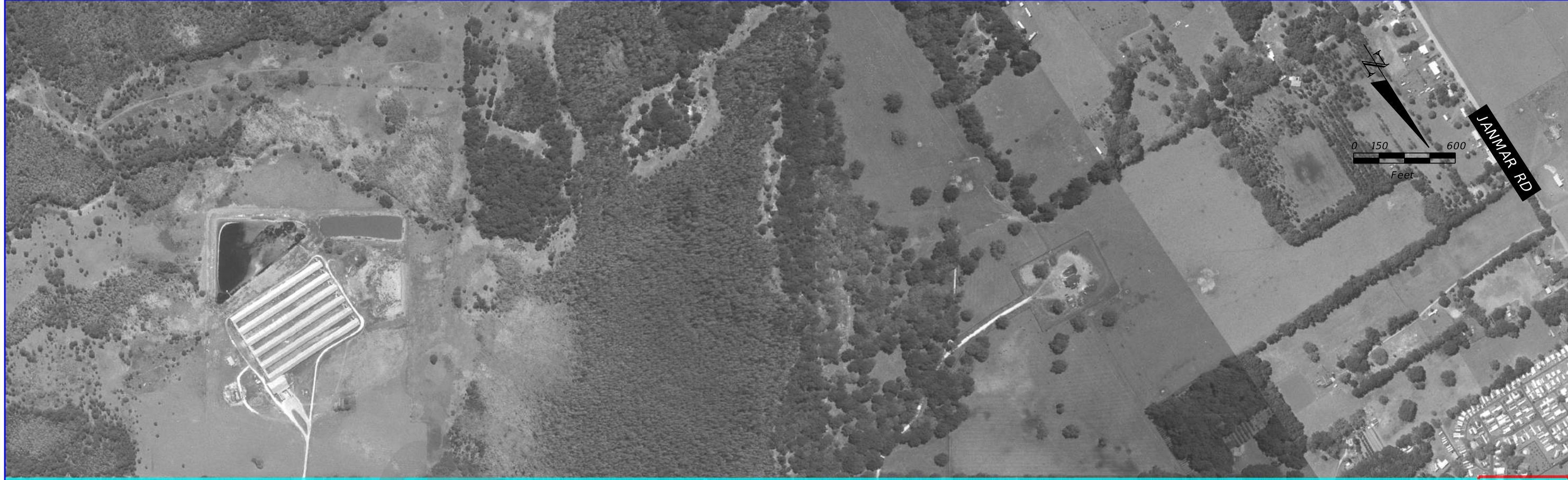


2001 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-38
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		



2001 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-39
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E		US 98	PASCO	443368-1-22-01 443368-2-22-01		



2001 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

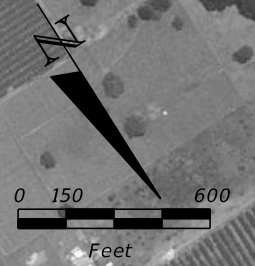
DATE		REVISIONS		DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01	US 98 PD&E STUDY FROM CR 54 TO US 301
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637				B-40



US 98

BECKUM RD

JIM JORDAN RD



2001 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-41
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



2001 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-42
DATE	DESCRIPTION	DATE	DESCRIPTION					
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

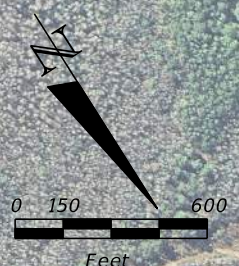


2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-43
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



US 98

2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-44
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

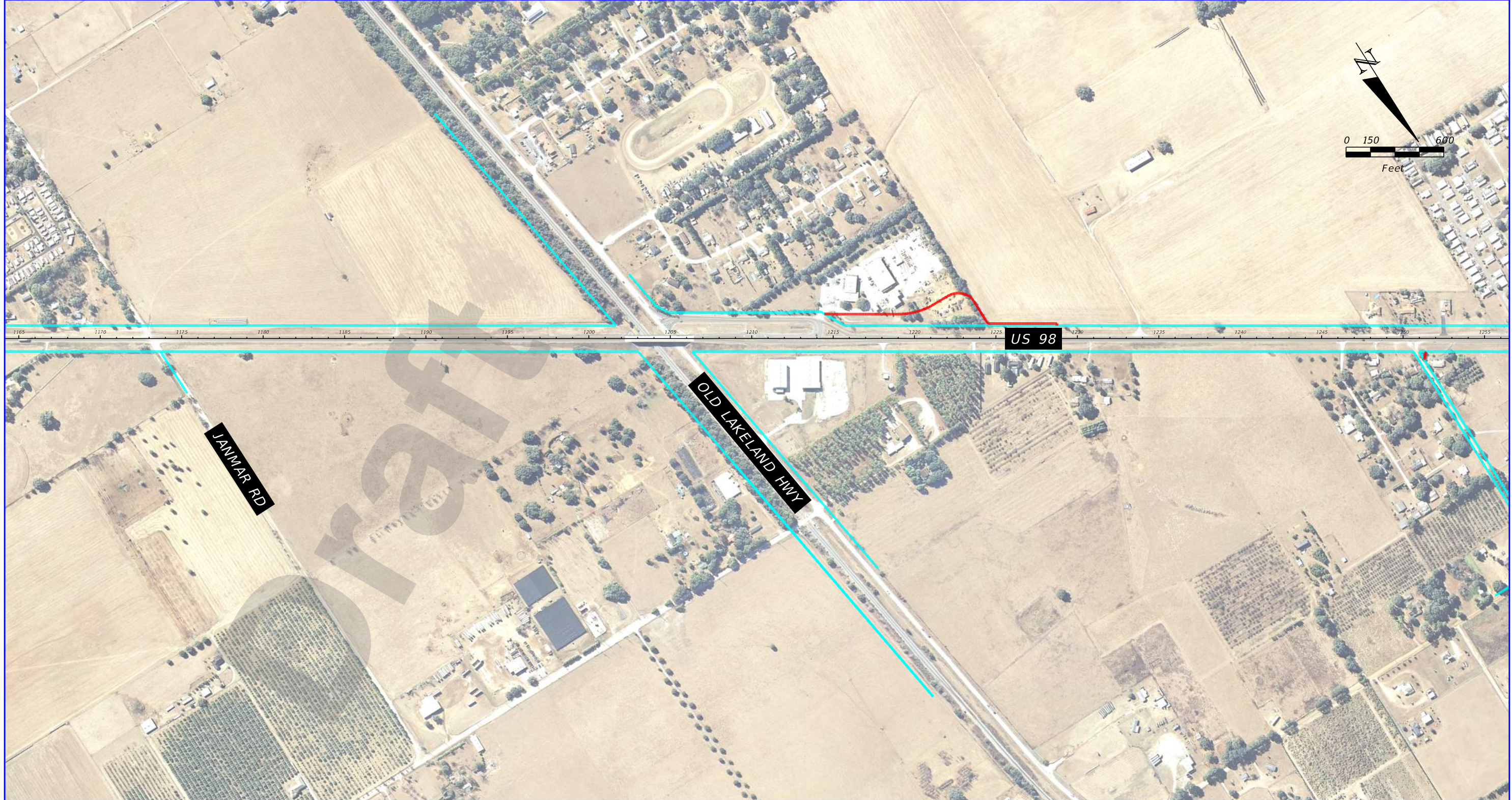


2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-45
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

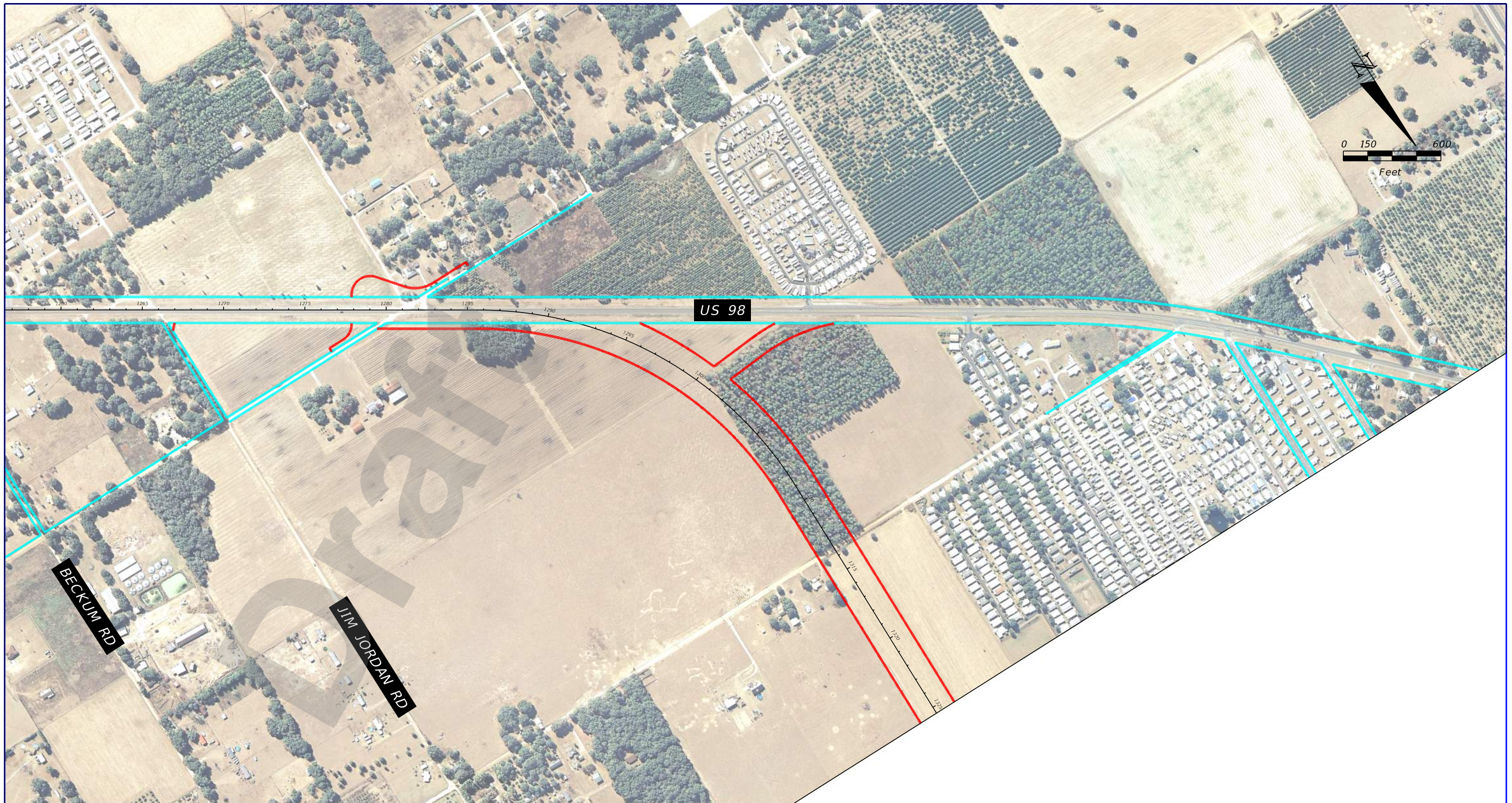


2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-46
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



US 98

BECKUM RD

JIM JORDAN RD

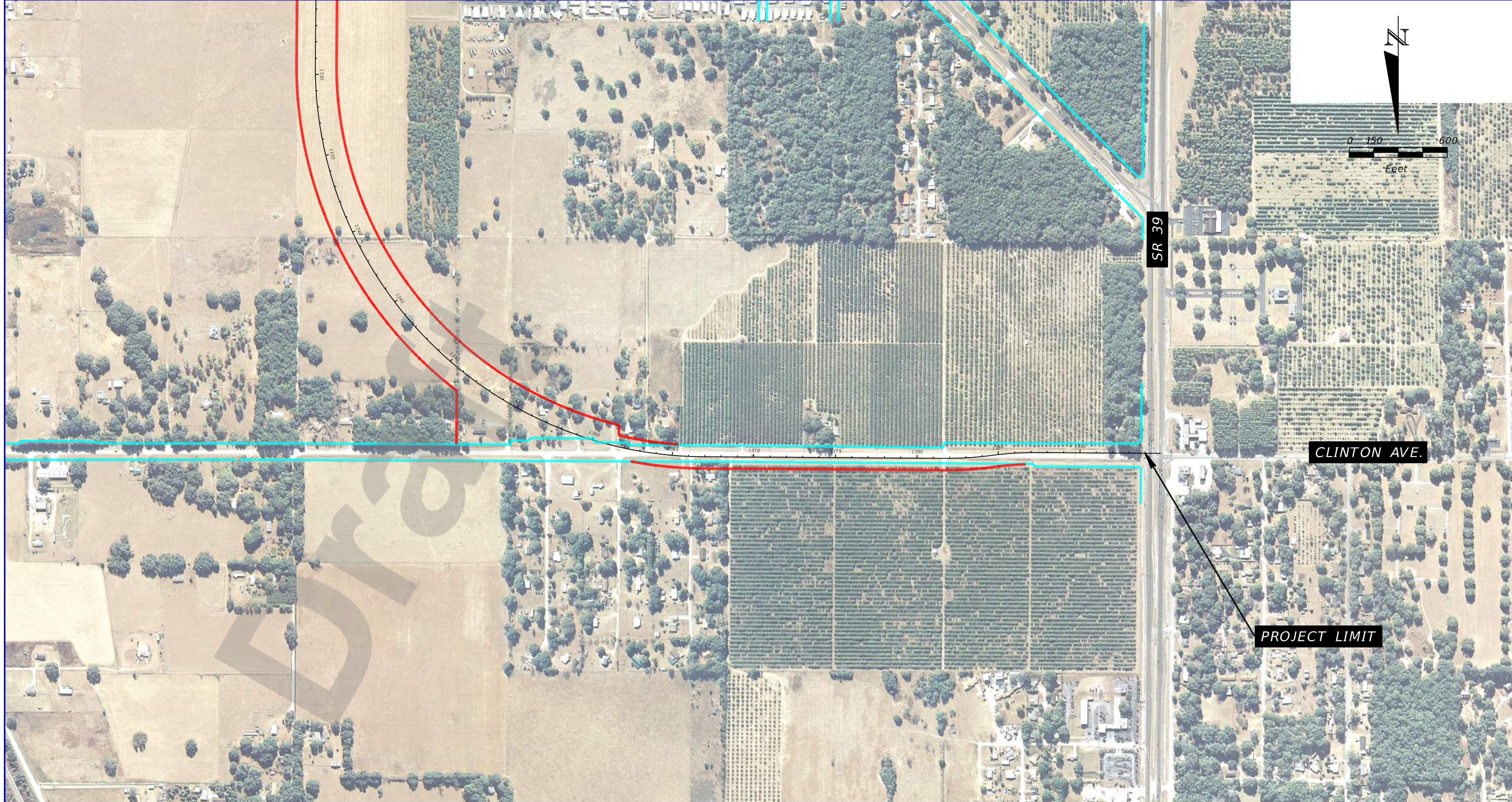


2001 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-47
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



2011 HISTORICAL AERIAL PHOTOGRAPH

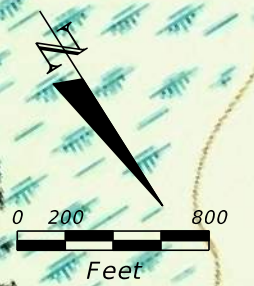
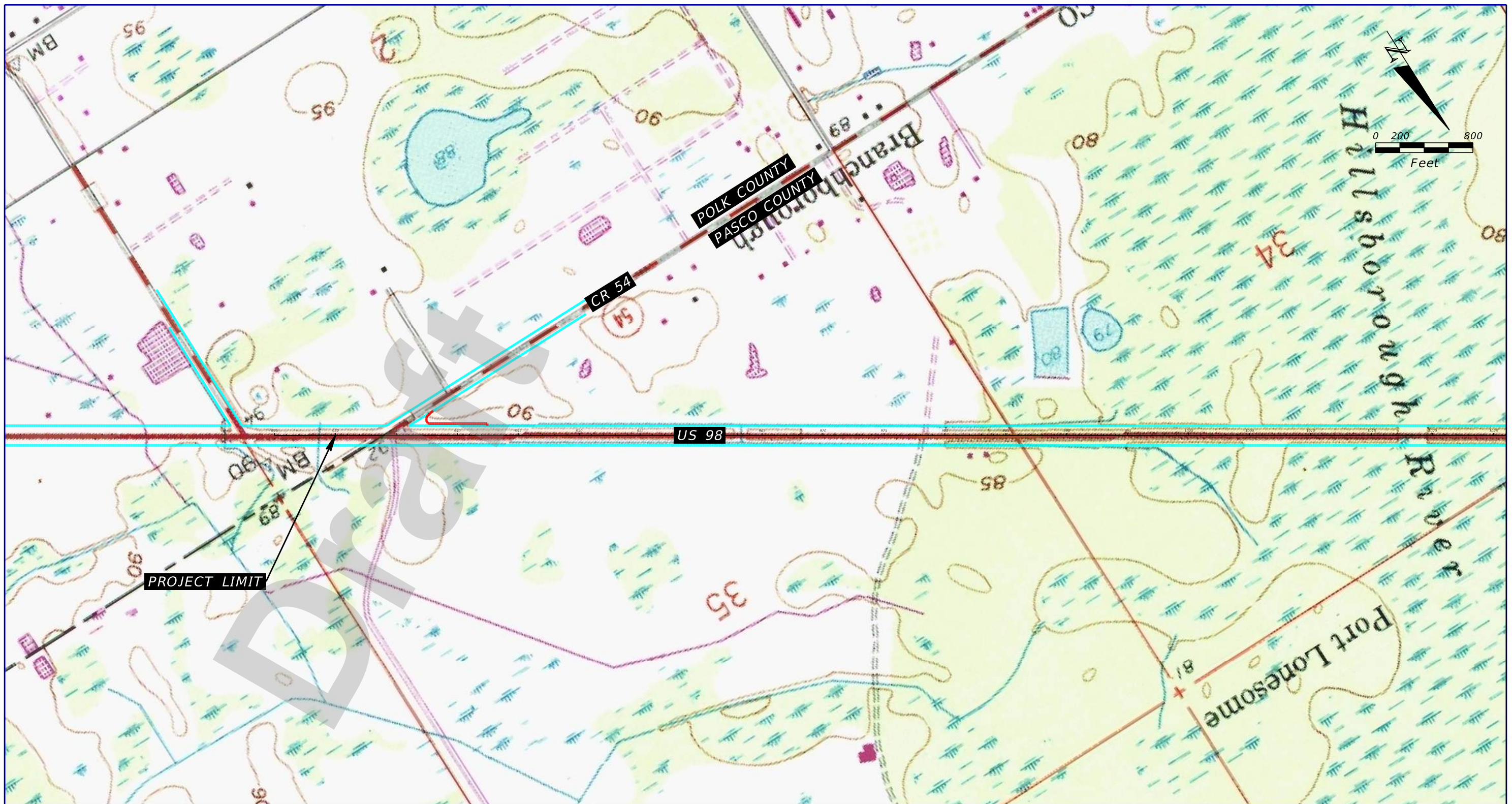
SOURCE: FDOT SURVEY AND MAPPING

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. B-48
DATE	DESCRIPTION	DATE	DESCRIPTION					
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

Draft

APPENDIX C
USGS Topographic Map

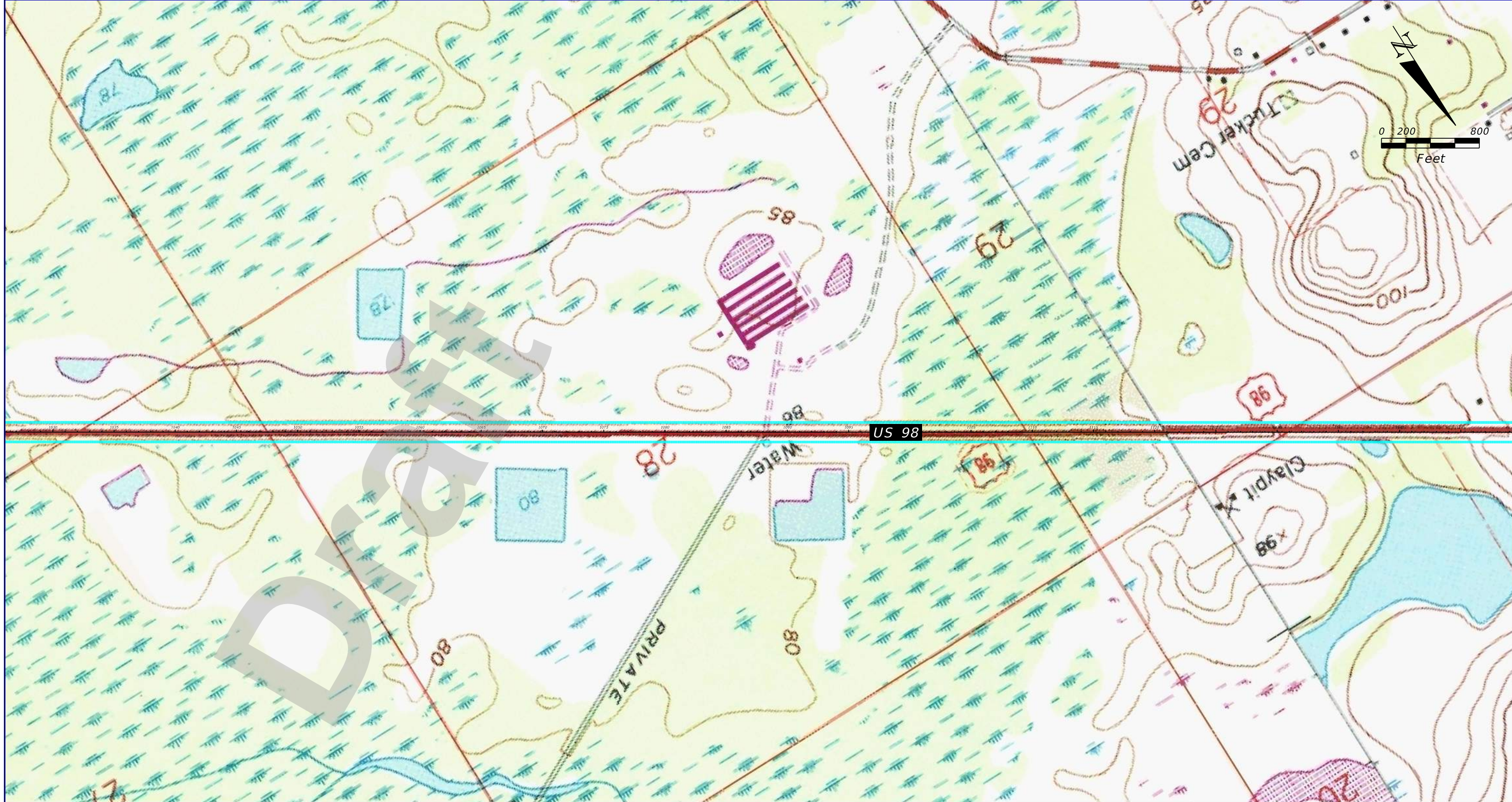


- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "DADE CITY, FLORIDA" DATED 1960, (PHOTOREVISED 1988)
 "BRANCHBOROUGH, FLORIDA" DATED 1960, (PHOTOREVISED 1987)

REVISIONS		REVISIONS		TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. C-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					US 98	PASCO	443368-1-22-01 443368-2-22-01		



- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "DADE CITY, FLORIDA" DATED 1960, (PHOTOREVISED 1988)
 "BRANCHBOROUGH, FLORIDA" DATED 1960, (PHOTOREVISED 1987)

DATE		REVISIONS		TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		C-2
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01			



- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY

USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "DADE CITY, FLORIDA" DATED 1960, (PHOTOREVISED 1988)
 "BRANCHBOROUGH, FLORIDA" DATED 1960, (PHOTOREVISED 1987)

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. C-3
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		



— PROPOSED RIGHT OF WAY
— EXISTING RIGHT OF WAY

USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "DADE CITY, FLORIDA" DATED 1960, (PHOTOREVISED 1988)
 "BRANCHBOROUGH, FLORIDA" DATED 1960, (PHOTOREVISED 1987)

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 98 PD&E STUDY FROM CR 54 TO US 301	SHEET NO. C-4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-010E	US 98	PASCO	443368-1-22-01 443368-2-22-01		

Draft

APPENDIX D

Regulatory Database Report

Environmental Data Report

Custom Radius Research

Subject Property:

US 98 PD&E Study
from CR 54 to US 301
Pasco County, Florida

Prepared For:

Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Prepared By:



Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Belleair Bluffs, Florida 33770

July 02, 2021



July 02, 2021

Justin Holley
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Custom Radius Research - EDM Project #25683**

Dear Mr. Holley

Thank you for choosing Environmental Data Management, Inc. The following report provides the results of our environmental data research that you requested for the following location:

**US 98 PD&E Study
from CR 54 to US 301
Pasco County, Florida**

The following is a summary of the components contained within this report:

- **Executive Summary** –lists the databases that were searched for this report, the search distance criteria and the number of sites identified for each database.
- **Map of Study Area**– street map showing the location of the Subject Property and any regulatory listed sites identified within the search criteria.
- **Site Summary Table** –displays the Map ID number, Permit or Registration number, Name/Address and the Government Database(s) for the identified regulatory listed sites.
- **Detail Reports** – data detail for each database record identified.
- **Proximal Records Table** – a listing of potentially relevant sites identified just beyond the search criteria.
- **Non-Mapped Records Table** - lists those government records that do not contain sufficient address information to plot within our GIS system, but may still exist within your study area.
- **Addl Maps (where applicable)** – includes Recent Aerial Photo, USGS Topographic maps, FEMA Floodplain & NWI Wetland Map, map of statewide American Indian Lands and our Environmental Impact Areas map, showing the location of suspect sites such as NPL/STNPL, Brownfields, FUDS, etc.... Our Florida well data report is also include with the Standard and Comprehensive formats.
- **Agency List Descriptions** – defines the regulatory databases included in this report along with the dates that each database was last updated by the respective agency and EDM.

At EDM we take great pride in our work, and continually strive to provide you with the most accurate and thorough research service available. This report is only intended as a means to assist in identifying locations that may pose an environmental concern relative to the property under evaluation. Its use is not intended to replace the need for a complete environmental assessment or regulatory file review, but rather as a supplement to the overall evaluation.

Thank you again for selecting EDM as your data research provider. Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

ENVIRONMENTAL DATA MANAGEMENT, INC.

Executive Summary

Report Date: 7/2/2021

Client Information	Project Information
Tierra Inc 7351 Temple Terrace Hwy Tampa, FL 33637 Client Job No: 6511-19-010E Client P.O. No:	Custom Radius Research US 98 PD&E Study from CR 54 to US 301 Pasco County, Florida EDM Job No# 25683

The following table displays the databases that were included in the research provided and the number of records identified for each database. Site distance values indicated in this report are measured from the boundary of the Subject Property. The absence of records in this table and the Site Summary Tables indicates that our research found no regulated sites within the specified search distances from the Subject Property.

AGENCY DATABASES RESEARCHED	Total # Found
EPA DATABASES	
National Priorities List(NPL)	0
SEMS Active Site Inventory List(SEMSACTV)	0
Comp Env Resp, Compensation & Liability Info Sys List(CERCLIS)	0
SEMS Archived Site Inventory List(SEMSARCH)	0
Archived Cerclis Sites(NFRAP)	0
RCRIS Handlers with Corrective Action(CORRACTS)	0
RCRA-Treatment, Storage and/or Disposal Sites(TSD)	0
Tribal Tanks List(TRIBLTANKS)	0
Tribal Lust List(TRIBLLUST)	0
Brownfields Management System(USBRWNFLDS)	0
Institutional and/or Engineering Controls(USINSTENG)	0
NPL Liens List(NPLLIENS)	0

*** Disclaimer ***

Please understand that the regulatory databases we utilize were not originally intended for our use, but rather for the source agency's internal tracking of sites for which they have jurisdiction or other interest. As a result of this difference in intended use, their data is frequently found to be incomplete or inaccurate, and is less than ideal for our use. Our report is not to be relied upon for any purpose other than to "point" at approximate locations where further evaluation may be warranted. No conclusion can be based solely upon our report. Rather, our report should be used as a first step in directing your attention at potential problem areas, which should be followed up by site inspections, interviews with relevant personnel, regulatory file review and other means as specified in the ASTM Standard E 1527-13. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. More detailed language with regard to such limitations and our Terms and Conditions may be found on our website at edm-net.com.



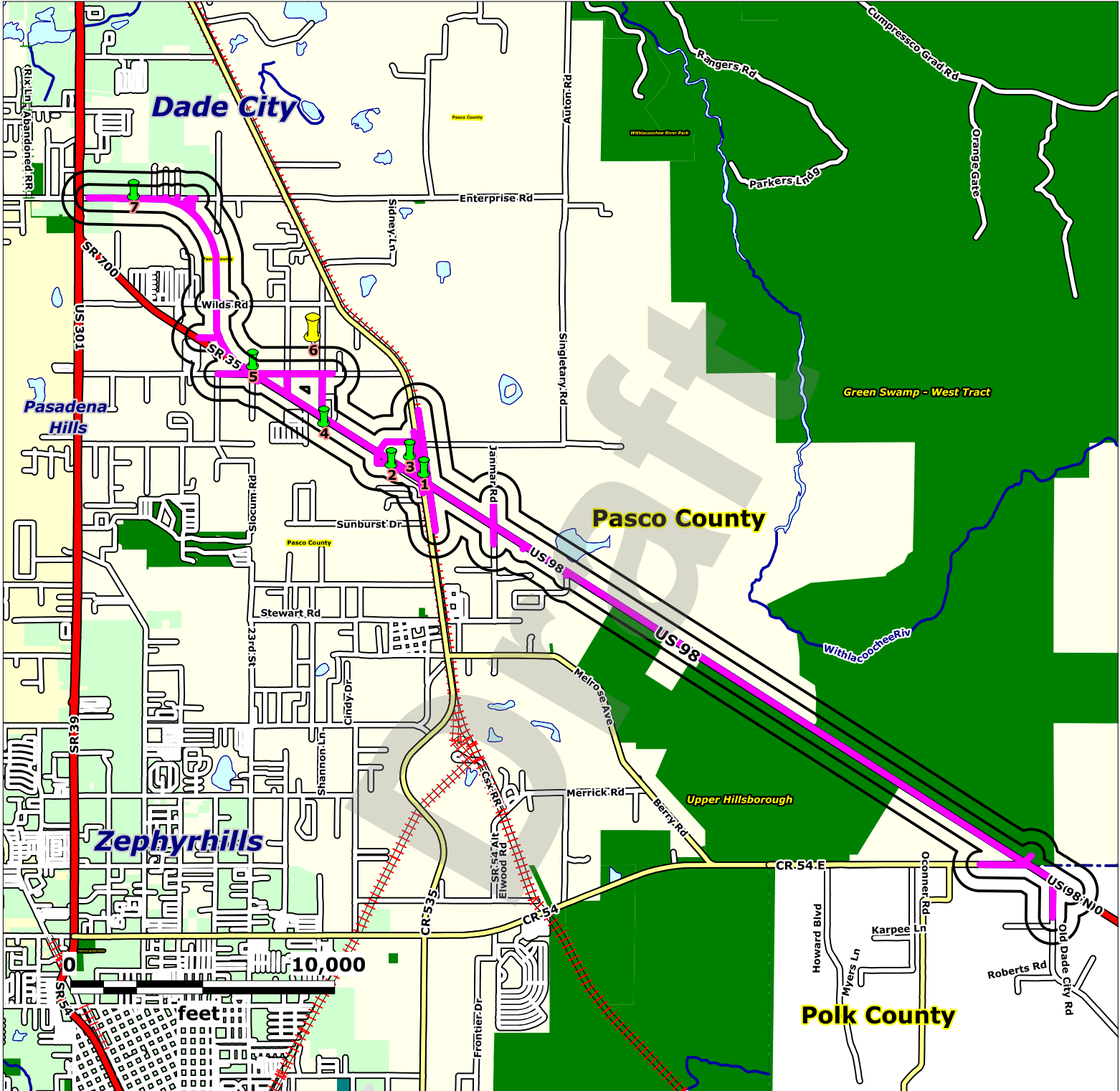
AGENCY DATABASES RESEARCHED	Total # Found
FDEP DATABASES	
State NPL Equivalent(STNPL)	0
State CERCLIS/SEMS Equivalent(STCERC)	0
Solid Waste Facilities List_Landfills(SLDWST_LF)	0
Leaking Underground Storage Tanks List(LUST)	1
Underground/Aboveground Storage Tanks(TANKS)	7
State Designated Brownfields(BRWNFLDS)	0
Voluntary Cleanup List(VOLCLNUP)	1
Institutional and/or Engineering Controls(INSTENG)	0
Dry Cleaners List(DRY)	0
Solid Waste Facilities List_Non-Landfills(SLDWST_NLF)	1

Draft

*** Disclaimer ***

Please understand that the regulatory databases we utilize were not originally intended for our use, but rather for the source agency's internal tracking of sites for which they have jurisdiction or other interest. As a result of this difference in intended use, their data is frequently found to be incomplete or inaccurate, and is less than ideal for our use. Our report is not to be relied upon for any purpose other than to "point" at approximate locations where further evaluation may be warranted. No conclusion can be based solely upon our report. Rather, our report should be used as a first step in directing your attention at potential problem areas, which should be followed up by site inspections, interviews with relevant personnel, regulatory file review and other means as specified in the ASTM Standard E 1527-13. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. More detailed language with regard to such limitations and our Terms and Conditions may be found on our website at edm-net.com.





Source: US Census Bureau TIGER Files

Map Scale and Property Boundaries are Approximate

Subject Property

US 98 PD&E Study
from CR 54 to US 301
Pasco County, Florida

Lat (DMS): 28 16' 6.5784"
Lon (DMS): -82 5' 31.992"

EDM Job No: 25683
July 2, 2021

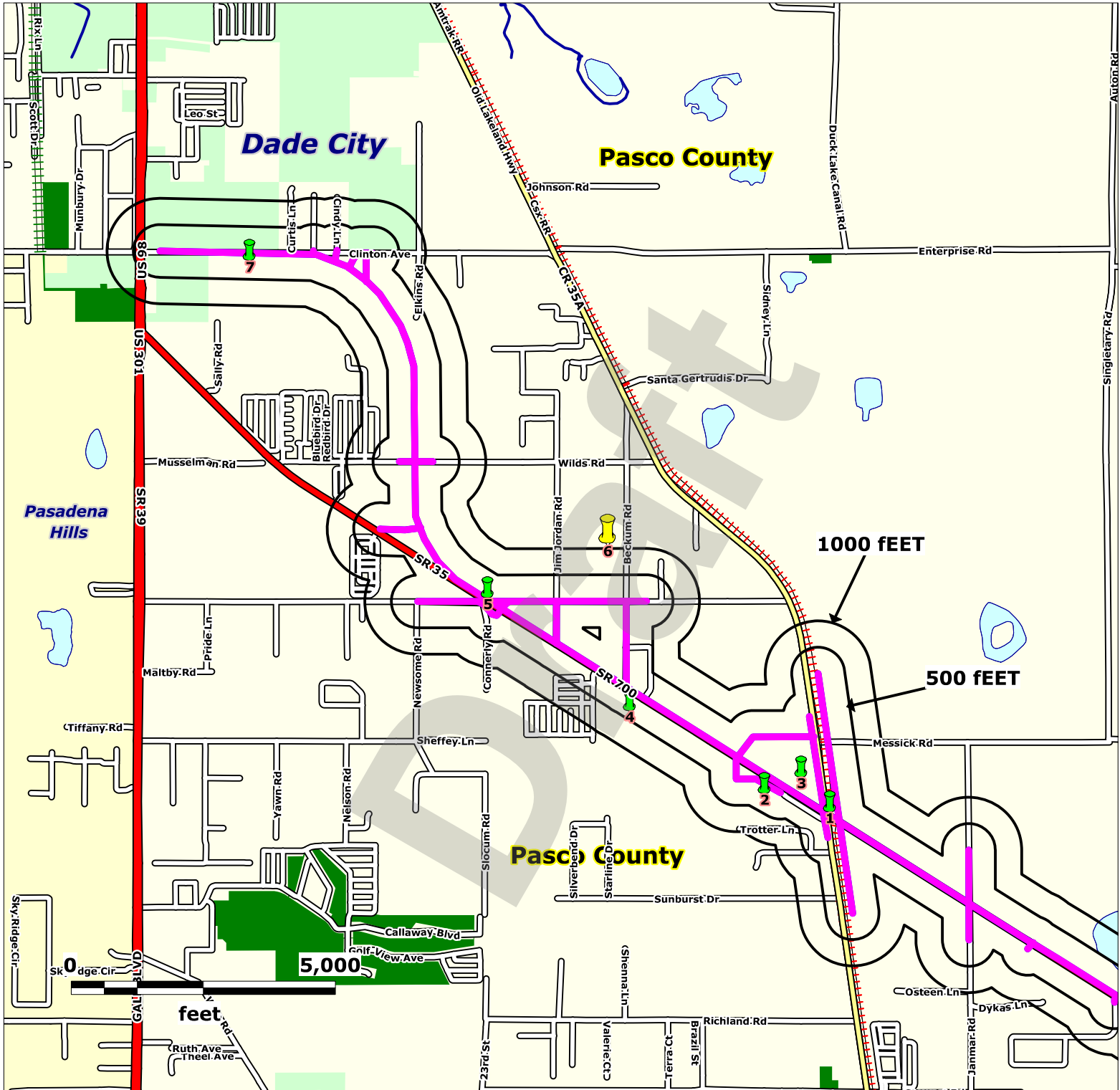
Approximate Site Boundary



NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF &
SLDWST_NLF sites - 1000 Feet



NPLLIENS, CORRACTS, TSD, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY, TANKS & INSTENG sites - 500 Feet



Source: US Census Bureau TIGER Files

Map Scale and Property Boundaries are Approximate

Subject Property

US 98 PD&E Study
from CR 54 to US 301
Pasco County, Florida

Lat (DMS): 28 16' 6.5784"
Lon (DMS): -82 5' 31.992"

EDM Job No: 25683
July 2, 2021

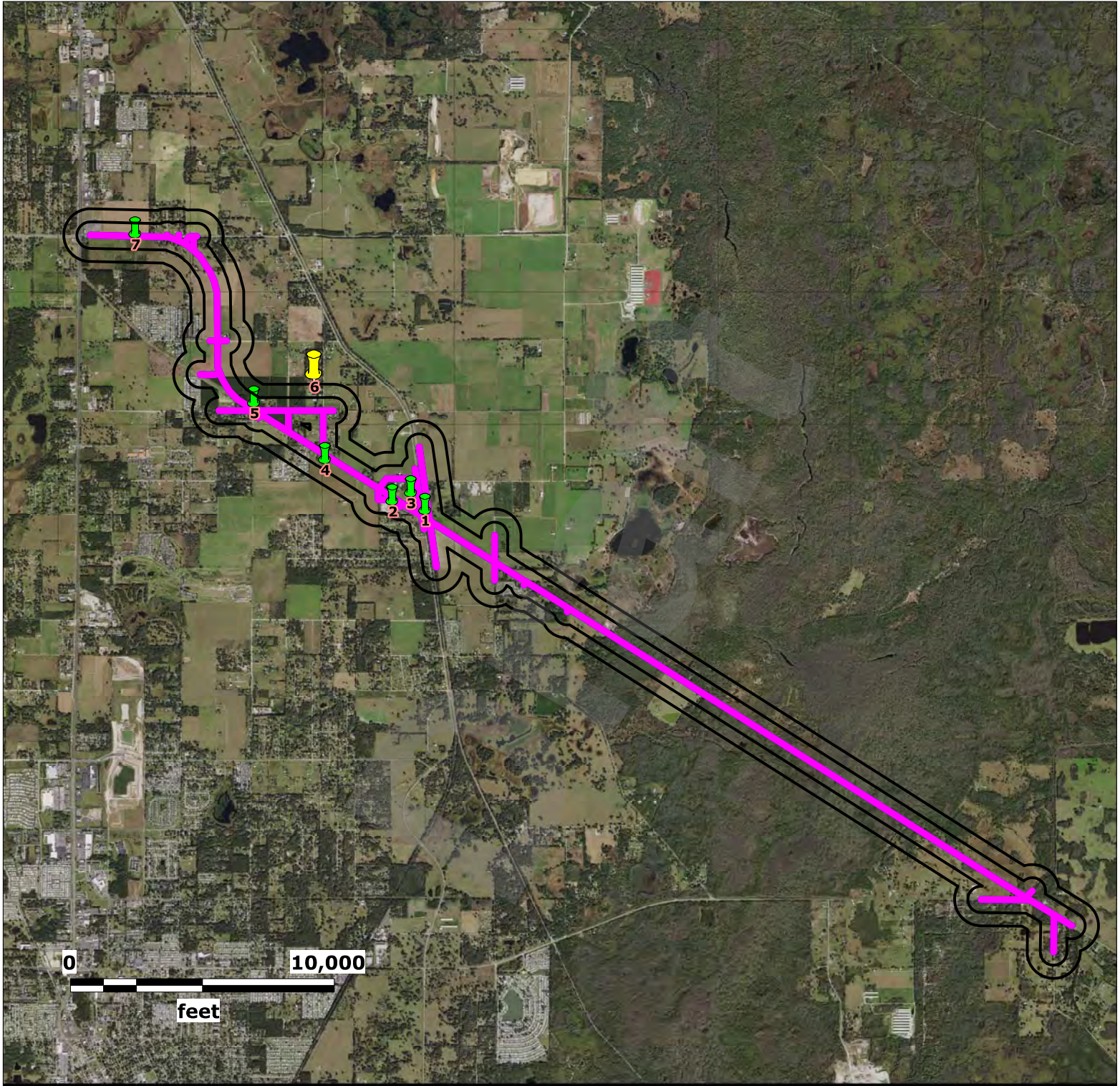
Approximate Site Boundary



NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF &
SLDWST_NLF sites - 1000 Feet



NPLLIENS, CORRACTS, TSD, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY, TANKS & INSTENG sites - 500 Feet



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

US 98 PD&E Study
from CR 54 to US 301
Pasco County, Florida

Lat (DMS): 28 16' 6.5784"
Lon (DMS): -82 5' 31.992"

EDM Job No: 25683
July 2, 2021

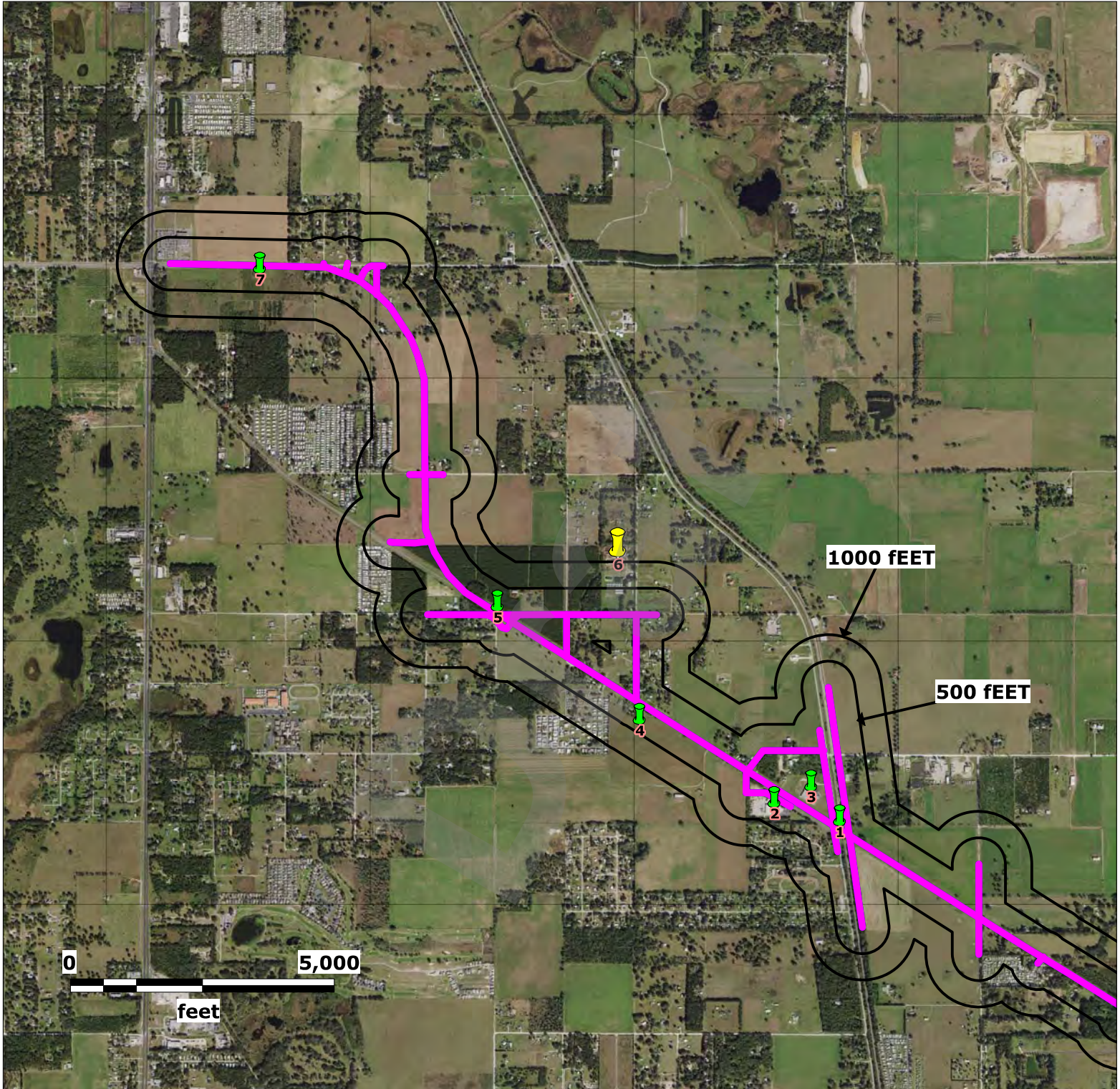
Approximate Site Boundary



NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF &
SLDWST_NLF sites - 1000 Feet



NPLLIENS, CORRACTS, TSD, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY, TANKS & INSTENG sites - 500 Feet



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

US 98 PD&E Study
from CR 54 to US 301
Pasco County, Florida

Lat (DMS): 28 16' 6.5784"
Lon (DMS): -82 5' 31.992"

EDM Job No: 25683
July 2, 2021

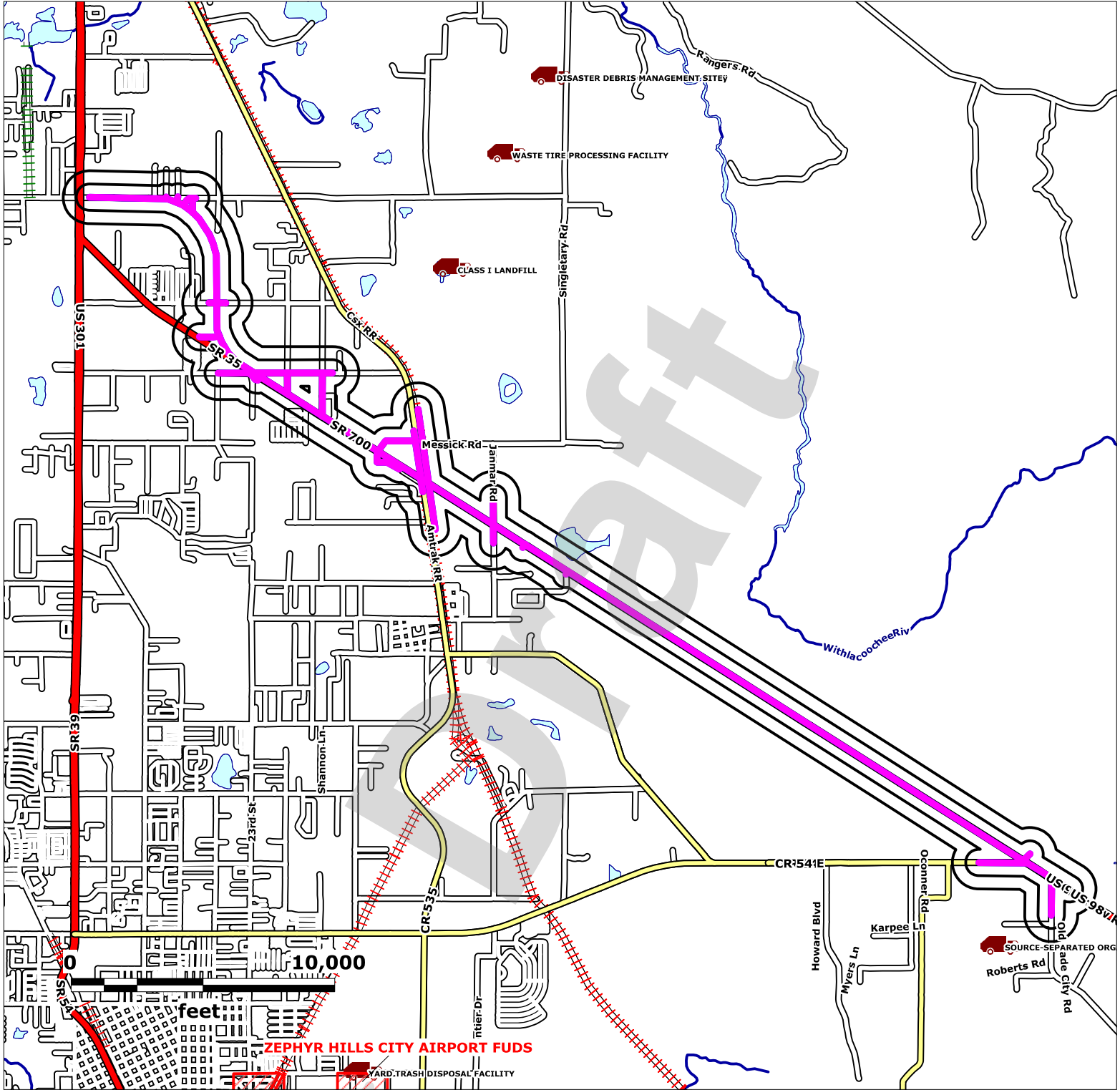
Approximate Site Boundary



NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF &
SLDWST_NLF sites - 1000 Feet



NPLLIENS, CORRACTS, TSD, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY, TANKS & INSTENG sites - 500 Feet



Source: FDEP and USEPA Geodata

Map Scale and Property Boundaries are Approximate

Subject Property

US 98 PD&E Study
from CR 54 to US 301
Pasco County, Florida

Lat (DMS): 28 16' 6.5784"
Lon (DMS): -82 5' 31.992"

EDM Job No: 25683
July 2, 2021

	FDEP Brownfield Areas		Formerly Used Defense Sites FUDS		Approximate Site Boundary
	FDEP Brownfield Sites		FUDS Munitions Response Areas		
	USEPA NPL & FDEP STNPL Sites		FDEP Cattle Dipping Vat		
	FDEP Delineated GW Contamination		FDEP Solid Waste Sites		Institutional Controls

ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Site Summary Table

Report Date: 7/2/2021

Page 1 of 1

MapID Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
1						
LUST	9804511	0.00	97.99	Higher	STATE FARM INSURANCE DIESEL SPILL	HWY 35A & US HWY 98 DADE CITY, FL 33525
TANKS	9804511	0.00	97.99	Higher	STATE FARM INSURANCE DIESEL SPILL	HWY 35A & US HWY 98 DADE CITY, FL 33525
2						
TANKS	9203021	0.04	121.72	Higher	HEAVY QUIP	9721 US HWY 98 DADE CITY, FL 33525
TANKS	9203021.	0.04	121.72	Higher	RYDER TRUCK RENTAL	9721 US HWY 98 RICHLAND, FL 335251461
TANKS	9203021..	0.04	121.72	Higher	LYKES TRANSPORT INC	3535 US HWY 98 S RICHLAND, FL 335251461
3						
TANKS	9813040	0.05	116.44	Higher	GROWERS FERTILIZER CORPORATION	9921 OLD LAKELAND HWY DADE CITY, FL 33525
4						
TANKS	9100074	0.08	127.97	Higher	CONDY WILLIAM	2501 S HWY 98 DADE CITY, FL 33525
5						
TANKS	8515080	0.00	151.02	Higher	TOWNSEND SEED CO INC	TOWNSEND RD-OFF US 98 DADE CITY, FL 33525
6						
SLDWST_NLF	106671	0.19	131.09	Higher	STUTZMAN BROTHERS PROPERTY MAINTENANCE, INC	10651 BECKUM ROAD DADE CITY, FL 33525
7						
VOLCLNUP	ERIC_7616	0.04	0.00	-	Clinton Avenue Property	38350 Clinton Ave Dade City, FL

Draft



FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 7/2/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

9804511
STATE FARM INSURANCE DIESEL SPILL
HWY 35A & US HWY 98
DADE CITY, FL 33525-

OWNERSHIP INFO:

COUNTY ID: 51 PASCO
AGCY LAT/LON(DMS): 28,17,54.4269 82,8,48.5387
FAC OPERATOR:
FAC TEL #:

MAP ID NUMBER:

Dist (Miles): 0.00
Direction:
Elev (Ft): 97.99
Elev vs Higher
Sub Prop:

1

LUST

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

FAC STATUS: CLOSED **FAC TYPE:** Q - Emergency Response Spill Site

SCORE **SCORE EFF DT:** **RANK:** **SCORE WHEN RANKED:**

DISCHARGE INFORMATION

DISCHARGE DATE: 5/13/1996

Mapid: 1

INSPECTION DATE:

CLEANUP REQUIRED: R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: R - EMERGENCY RESPONSE REPORT

DISCH CLNUP STATUS: 9/18/1997 NFA - NFA COMPLETE

CONTAMINATED MEDIA?: SOIL: **SUR WATER:** **GR WATER:** **MON WELL:** **# DW WELLS CONTAMINATED:**
POLLUTANT : - **GALLONS** **OTHER**

Draft



FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 7/2/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 1

PGM ELIG OFF:

PGM ELIG SCORE:

PGM ELIG SCORE EFF DT:

PGM ELIG R

ELIG STAT:

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT:

CLNUP PROG:

CLNUP OFF: -

SITE ASSESSMENT

CLNP RESP: -

FUND ELLIG: -

ACTUAL COMPLETION DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: -

FUND ELLIG: -

ORDER APPRV DATE:

ACTUAL COMPL DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL: 0

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: NFA - NO FURTHER ACTION

SUBMIT DATE: 08-01-1997

REVIEW DATE: 09-08-1997

ISSUE DATE: 09-18-1997

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 09-17-1997

COMMENTS:

SOURCE REMOVAL

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COMPLETION DATE:

FREE PRODUCT REMOVAL?(Y/N):

SOIL REMOVAL? (Y/N):

SOIL TONNAGE REMOVED:

SOIL TREATMENT?(Y/N):

OTHER TREATMENT?:

ALT PROC STATUS:

ALT PROC STATUS DT:

ALT PROC COMMENT:

TANKS Data for LUST Sites:

<p>FACILITY ID NUMBER, NAME AND LOCATION</p> <p>9804511 STATE FARM INSURANCE DIESEL SPILL HWY 35A & US HWY 98 DADE CITY, FL 33525</p> <p>FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)</p>	<p>OWNERSHIP INFORMATION</p> <p>CONTACT TEL #: CONTACT: FACILITY TEL #: COUNTY ID: 51 PASCO</p>	<p>MAP ID NUMBER: 1</p> <p>Dist (Miles): 0.00 Direction: Elev (Ft): 97.99 Elev vs Sub Prop: Higher</p>	<p style="font-size: 2em; font-weight: bold; letter-spacing: 0.5em;">T A N K S</p>						
<p>FAC STATUS: CLOSED FAC TYPE: Emergency Response Spill Site</p>									
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">TANK #:</td> <td style="width: 15%;">TANK VOL(GALS):</td> <td style="width: 15%;">INST.DATE:</td> <td style="width: 15%;">TANK CONTENTS:</td> <td style="width: 15%;">TANK POSITION:</td> <td style="width: 15%;">TANK STATUS (as of...)</td> </tr> </table>				TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)				
<p>CONSTRUCTION TYPE: PIPING TYPE: LEAK MONITORING:</p>									



FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 7/2/2021

TANKS Page 1 of 3

FACILITY ID NUMBER, NAME AND LOCATION

9203021
HEAVY QUIP
9721 US HWY 98
DADE CITY, FL 33525

OWNERSHIP INFORMATION

HEAVY QUIP
PO BOX 1948
DADE CITY, FL 33525
CONTACT: BALLARD, WAYNE/3522065009
SITE COUNTY: 51 PASCO
SITE LAT/LON (AGCY): 28 18 2 / 82 9 3

MAP ID NUMBER:

Dist (Miles): 0.04
Direction:
Elev (Ft): 121.72
Elev vs Sub Prop: Higher

2

TANKS

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

FAC STATUS: CLOSED

FAC TYPE: Fuel user/Non-retail

TANK #:	TANK VOL(GALS):
1	20000

INST.DATE:	TANK CONTENTS:
01-Sep-1992	Vehicular Diesel

TANK POSITION:
ABOVEGROUND

TANK STATUS (as of...)

CLOSED IN PLACE 01-Aug-2003

CONSTRUCTION TYPE: CKOPQ

STEEL/AST CONTAINMENT/TIGHT FILL/LEVEL GAUGES/ALARMS/DEP APPROVED PROTECTION

PIPING TYPE:

LEAK MONITORING: KOZ

MONITOR DBL WALL PIPE SPACE/VAPOR MONITORING/DEP APPROVED MONITORING

TANK #:	TANK VOL(GALS):
2	2000

INST.DATE:	TANK CONTENTS:
01-Sep-1992	Leaded Gas

TANK POSITION:
ABOVEGROUND

TANK STATUS (as of...)

CLOSED IN PLACE 01-Aug-2003

CONSTRUCTION TYPE: CKOPQ

STEEL/AST CONTAINMENT/TIGHT FILL/LEVEL GAUGES/ALARMS/DEP APPROVED PROTECTION

PIPING TYPE:

LEAK MONITORING: KOZ

MONITOR DBL WALL PIPE SPACE/VAPOR MONITORING/DEP APPROVED MONITORING

TANK #:	TANK VOL(GALS):
3	2000

INST.DATE:	TANK CONTENTS:
01-Sep-1992	New/Lube Oil

TANK POSITION:
ABOVEGROUND

TANK STATUS (as of...)

REMOVED FROM SITE 01-Aug-2003

CONSTRUCTION TYPE: CKOPQ

STEEL/AST CONTAINMENT/TIGHT FILL/LEVEL GAUGES/ALARMS/DEP APPROVED PROTECTION

PIPING TYPE:

LEAK MONITORING: KOZ

MONITOR DBL WALL PIPE SPACE/VAPOR MONITORING/DEP APPROVED MONITORING

TANK #:	TANK VOL(GALS):
4	1000

INST.DATE:	TANK CONTENTS:
01-Sep-1992	Waste Oil

TANK POSITION:
ABOVEGROUND

TANK STATUS (as of...)

REMOVED FROM SITE 01-Aug-2003

CONSTRUCTION TYPE: CKOPQ

STEEL/AST CONTAINMENT/TIGHT FILL/LEVEL GAUGES/ALARMS/DEP APPROVED PROTECTION

PIPING TYPE:

LEAK MONITORING: KOZ

MONITOR DBL WALL PIPE SPACE/VAPOR MONITORING/DEP APPROVED MONITORING



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FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 7/2/2021

TANKS Page 2 of 3

FACILITY ID NUMBER, NAME AND LOCATION

9203021. --HISTORICAL ENTRY--
RYDER TRUCK RENTAL
9721 US HWY 98
RICHLAND, FL 33525-1461

OWNERSHIP INFORMATION

TANKNOLOGY NDE COMPLIANCE
PO BOX 141188
AUSTIN, TX 78714-1188
CONTACT: IRENE GUTIERREZ/8887937865
SITE COUNTY: 51 PASCO
SITE LAT/LON (AGCY): /

MAP ID NUMBER:

Dist (Miles): 0.04
Direction:
Elev (Ft): 121.72
Elev vs Sub Prop: Higher

2

T
A
N
K
S

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

FAC STATUS: OPEN

FAC TYPE: FUEL USER/NON-RETAIL

TANK #: **TANK VOL(GALS):**

INST.DATE: **TANK CONTENTS:**

TANK POSITION:

TANK STATUS (as of...)

CONSTRUCTION TYPE:

PIPING TYPE:

LEAK MONITORING:

Draft



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FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 7/2/2021

TANKS Page 3 of 3

FACILITY ID NUMBER, NAME AND LOCATION

9203021.. --HISTORICAL ENTRY--
LYKES TRANSPORT INC
3535 US HWY 98 S
RICHLAND, FL 335251461

OWNERSHIP INFORMATION

CONTACT: /
SITE COUNTY: 51 PASCO
SITE LAT/LON (AGCY): /

MAP ID NUMBER:

2

Dist (Miles): 0.04
Direction:
Elev (Ft): 121.72
Elev vs Higher
Sub Prop:

T
A
N
K
S

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

FAC STATUS: OPEN

FAC TYPE: C / Fuel User/Non-Retail

TANK #: **TANK VOL(GALS):**

INST.DATE:

TANK CONTENTS:

TANK POSITION:

TANK STATUS (as of...)

CONSTRUCTION TYPE:

PIPING TYPE:

LEAK MONITORING:

Draft



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FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 7/2/2021

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

9813040
 GROWERS FERTILIZER CORPORATION
 9921 OLD LAKELAND HWY
 DADE CITY, FL 33525

OWNERSHIP INFORMATION

GROWERS FERTILIZER CORPORA
 PO BOX 1407
 LAKE ALFRED, FL 33850
CONTACT: WILLIAM GREIF/8639561101
SITE COUNTY: 51 PASCO
SITE LAT/LON (AGCY): /

MAP ID NUMBER:

Dist (Miles): 0.05
Direction:
Elev (Ft): 116.44
Elev vs Sub Prop: Higher

3

T
A
N
K
S

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

FAC STATUS: OPEN

FAC TYPE: Agricultural

TANK #:	TANK VOL(GALS):
1	8000

INST.DATE:	TANK CONTENTS:
01-Jan-2012	Other Non Regulated

TANK POSITION:
 ABOVEGROUND

TANK STATUS (as of...)
 IN SERVICE 01-Mar-2012

CONSTRUCTION TYPE: CIP

STEEL/DOUBLE WALL/LEVEL GAUGES/ALARMS

PIPING TYPE: AB

ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL

LEAK MONITORING: DF

SPCC PLAN/MONITOR DBL WALL TANK SPACE

Draft



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FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 7/2/2021

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

9100074
 CONDRY WILLIAM
 2501 S HWY 98
 DADE CITY, FL 33525

OWNERSHIP INFORMATION

CONDRY, WILLIAM
 2501 S US HWY 98
 DADE CITY, FL 33525
CONTACT: JOAN CONDRY/9045672866
 SITE COUNTY: 51 PASCO
 SITE LAT/LON (AGCY): /

MAP ID NUMBER:

Dist (Miles): 0.08
Direction:
Elev (Ft): 127.97
Elev vs Sub Prop: Higher

4

TANKS

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

FAC STATUS: CLOSED

FAC TYPE: Agricultural

TANK #:	TANK VOL(GALS):
1	1000

INST.DATE:	TANK CONTENTS:
	Unknown/Not Reported

TANK POSITION:
UNDERGROUND

TANK STATUS (as of...)
REMOVED FROM SITE 31-May-1990

CONSTRUCTION TYPE: D UNKNOWN

PIPING TYPE: UNKNOWN

LEAK MONITORING: Y UNKNOWN

TANK #:	TANK VOL(GALS):
2	1000

INST.DATE:	TANK CONTENTS:
	Unknown/Not Reported

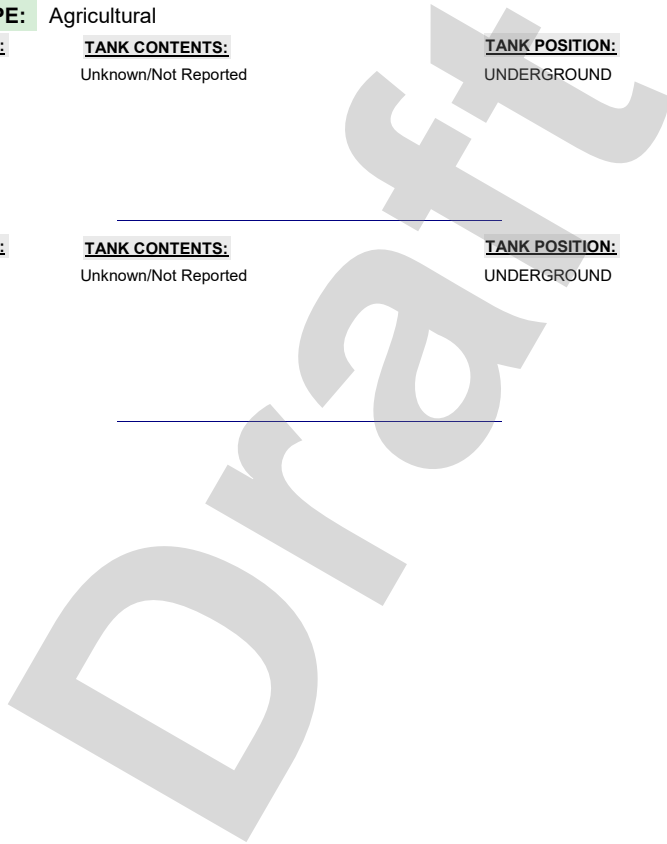
TANK POSITION:
UNDERGROUND

TANK STATUS (as of...)
REMOVED FROM SITE 31-May-1990

CONSTRUCTION TYPE: D UNKNOWN

PIPING TYPE: UNKNOWN

LEAK MONITORING: Y UNKNOWN



FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 7/2/2021

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

8515080
 TOWNSEND SEED CO INC
 TOWNSEND RD-OFF US 98
 DADE CITY, FL 33525

OWNERSHIP INFORMATION

TOWNSEND SEED CO.,INC.
 PO BOX 451
 DADE CITY, FL 33526
CONTACT: DARRYL TOWNSEND/9045673852
SITE COUNTY: 51 PASCO
SITE LAT/LON (AGCY): 28 18 45 / 82 9 50

MAP ID NUMBER:

Dist (Miles): 0.00
Direction:
Elev (Ft): 151.02
Elev vs Sub Prop: Higher

5

TANKS

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

FAC STATUS: OPEN

FAC TYPE: Agricultural

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	4000		Fuel Oil - Onsite Heat	ABOVEGROUND	IN SERVICE
CONSTRUCTION TYPE: C		STEEL			
PIPING TYPE:					
LEAK MONITORING: I		NOT REQUIRED			
2	1000		Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Aug-1988
CONSTRUCTION TYPE: C		STEEL			
PIPING TYPE:					
LEAK MONITORING: Y		UNKNOWN			
3	550		Fuel Oil - Onsite Heat	UNDERGROUND	REMOVED FROM SITE
CONSTRUCTION TYPE: D		UNKNOWN			
PIPING TYPE:					
LEAK MONITORING: I		NOT REQUIRED			
4	550		Fuel Oil - Onsite Heat	UNDERGROUND	REMOVED FROM SITE
CONSTRUCTION TYPE: D		UNKNOWN			
PIPING TYPE:					
LEAK MONITORING: I		NOT REQUIRED			



FDEP SOLID WASTE FACILITIES LIST NON-LANDFILL SITES

(SLDWST_NLF)

Report Date: 7/2/2021

SLDWST Page 1 of 1

FACILITY ID, NAME AND LOCATION:

106671
STUTZMAN BROTHERS PROPERTY MAINTENANCE,
10651 BECKUM ROAD
DADE CITY, FL 33525

DISTRICT SWD
COUNTY PASCO
SEC/TWN/RN //
AGENCY LAT: 28:18:48.58
AGENCY LON: 82:9:37.42

MAP ID NUMBER:

6

Dist (Miles): 0.19
Direction:
Elev (Ft): 131.09
Elev vs Sub Prop: Higher

SLDWST

RESP AUTHORITY:

SITE CONTACT:

LAND OWNER:

FACILITY CLASS: 330/SOURCE-SEPARATED ORGANICS PROC. FAC. (SOPF)

CLASS STATUS: REGISTERED (R)

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

[FDEP INFORMATION PORTAL ON LINE REPORTS](#) (May Not Be Available For All Records)

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FDEP VOLUNTARY CLEANUP SITES

(VOLCLNUP)

Report Date: 7/2/2021

VOLCLNUP Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

ERIC_7616
Clinton Avenue Property
38350 Clinton Ave
Dade City, FL 33525

COUNTY: Pasco
DISTRICT: SWD
AGENCY LAT: 28.3273942714672
AGENCY LON: -82.1804583337491

MAP ID NUMBER:

7

Dist (Miles): 0.04
Direction:
Elev (Ft): 0.00
Elev vs Sub Prop: -

VOLCLNUP

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

ERIC WASTE CLEANUP DATA

SOURCE FAC ID NO: 141737 SOURCE FAC NAME: Clinton Avenue Property SITE STATUS: CLOSED
PROGRAM: Responsible Party Cleanup PROGRAM STATUS: COMPLETE SITE MANAGER:
DISCH DATE: 1970/01/01 OFFSITE CONTAM KEY?: NOCONTAM INST CONTROL?: N SITE PHASE: Phase 5 - Cleanup Complete

BSRA DATA

AREA ID: AREA NAME:
ACREAGE: REMED STATUS: BSRA DATE: SRCO DATE:
COMMENTS:

WASTE CLEANUP DATA

PROJ ID: OGC NO: STATUS: PRIORITY SCORE: INIT DATA RCVD:
CONTAMINANTS:
OFFSITE CONTAM?: FEATURE:



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ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research Proximal Site Summary Table

This table includes mapped sites whose plotted coordinates fall just outside of the ASTM or client defined research distance but whose property boundaries may still extend into the search area. These sites are typically large commercial or industrial tracts that may merit inclusion in the evaluation process. Detail data reports on any of these sites may be requested and will be sent as an addendum to this report at no additional cost.

Report Date: 7/2/2021

Page 1 of 1

MapID Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
1A						
TANKS	9103500	0.13	86.13	Higher	ZEPHYR EGG CO-FARM #81	5775 S HWY 98 DADE CITY, FL 33540
2A						
TANKS	9810783	0.22	99.69	Higher	WITHLACOOCHEE RIVER ELECTRIC CO-OP	40718 MESSICK RD DADE CITY, FL 33525
3A						
TANKS	9200656	0.25	181.33	Higher	EVANS PROPERTIES INC-BALLENGER GROVE	UNKNOWN DADE CITY, FL 33526
4A						
TANKS	8839876	0.19	131.09	Higher	NUNEZ RANCH	3201 BECKUM RD DADE CITY, FL 33525
TANKS	9700937	0.19	131.09	Higher	RICHLAND FARMS INC	10651 BECKUM RD DADE CITY, FL 33525
5A						
TANKS	8839944	0.26	138.07	Higher	CHAPEL HILL GARDENS INC	2531 SR 301 S DADE CITY, FL 33525
6A						
LUST	9801126	0.13	132.07	Higher	CIRCLE K #2705931	11715 US HWY 301 DADE CITY, FL 33525
TANKS	9801126	0.13	132.07	Higher	CIRCLE K #2705931	11715 US HWY 301 DADE CITY, FL 33525
7A						
LUST	8515050	0.12	125.88	Higher	CIRCLE K #7038	37937 CLINTON AVE DADE CITY, FL 33525
STCERC	8515050CLN	0.12	125.88	Higher	CIRCLE K #7038	37937 CLINTON AVE DADE CITY, FL 33525
TANKS	8515050	0.12	125.88	Higher	CIRCLE K #7038	37937 CLINTON AVE DADE CITY, FL 33525
TANKS	8515050.	0.12	125.88	Higher	CIRCLE K #7038	US 301 & HWY 52A DADE CITY, FL 33525
8A						
TANKS	9814662	0.10	130.74	Higher	PUBLIX SUPER MARKET #1496	11830 US HWY 301 DADE CITY, FL 33525
9A						
TANKS	9200659	0.11	145.09	Higher	EVANS PROPERTIES INC-SPRAYFIELD GROVE	CLINTON AVE & HWY 301 DADE CITY, FL 33525
10A						
SLDWST_NLF	96625	0.26	115.82	Higher	GRAND SLAM TIRE	11845 CARMEN AVE DADE CITY, FL 33525



ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research Non-Mapped Records Summary Table

This table is a listing of database records that have not been plotted within our mapping system. Detail data reports on any of these sites may be requested and will be sent as an addendum to this report at no additional cost.

Report Date: 7/2/2021

Page 1 of 1

Prgm List Fac ID No	Site Name	Site Address
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Draft



Agency List Descriptions

USEPA and State Databases are updated on a quarterly basis. Supplemental Databases are updated on an annual basis.

Florida Department of Environmental Protection (FDEP)

State Designated Brownfields(BRWNFLDS)

The FDEP Brownfields database contains a listing of State Designated Brownfield Areas and Brownfield Sites. Brownfields are typically defined as abandoned, idled or underused industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Agency File Date: 4/29/2021

Received by EDM: 5/4/2021

EDM Database Updated: 5/4/2021

Dry Cleaners List(DRY)

The FDEP Dry Cleaning Facilities List is comprised of data from the FDEP Storage Tank and Contamination Monitoring (STCM) database and the Drycleaning Solvent Cleanup Program- Priority Ranking List. It contains a listing of those Dry Cleaning sites (and suspected historical Dry Cleaning sites) who have registered with the FDEP and/or have applied for the Dry Cleaning Solvent Cleanup Program.

Agency File Date: 4/9/2021

Received by EDM: 4/9/2021

EDM Database Updated: 4/9/2021

Institutional and/or Engineering Controls(INSTENG)

The FDEP Institutional Controls Registry Database (INSTENG) contains sites that have had Institutional and/or Engineering Controls implemented to regulate exposure to environmental hazards

Agency File Date: 4/26/2021

Received by EDM: 4/26/2021

EDM Database Updated: 4/26/2021

Leaking Underground Storage Tanks List(LUST)

The FDEP LUST list identifies facilities and/or locations that have notified the FDEP of a possible release of contaminants from petroleum storage systems. This Report is generated from the FDEP Storage Tank and Contamination Monitoring Database (STCM).

Agency File Date: 4/26/2021

Received by EDM: 4/26/2021

EDM Database Updated: 4/29/2021

Solid Waste Facilities List_Landfills(SLDWST_LF)

The SLDWST_LF list identifies locations that have conducted solid waste landfill activities as determined by the applicable FDEP Facility Classifications. Sites listed with "##" after the Facility ID Number are historical locations, obtained from documents on record at local agencies.

Agency File Date: 5/3/2021

Received by EDM: 5/3/2021

EDM Database Updated: 5/4/2021

Solid Waste Facilities List_Non-Landfills(SLDWST_NLF)

The SLDWST_NLF list identifies locations that have conducted solid waste handling activities other than landfilling, as determined by the applicable FDEP Facility Classifications, such as Transfer Stations, Disaster Debris Staging Areas and sites handling Bio-Hazardous wastes. Sites listed with "##" after the Facility ID Number are historical locations, obtained from documents on record at local agencies.

Agency File Date: 5/3/2021

Received by EDM: 5/3/2021

EDM Database Updated: 5/4/2021

State CERCLIS/SEMS Equivalent(STCERC)

The STCERC list is compiled from the FDEP Site Investigation Section list, the Florida SITES list(historical) and the FDEP Cleanup Sites list. These sites are being assessed and/or cleaned up as a result of identified or suspected contamination from the release of hazardous substances. The FDEP Cleanup Sites list programs include: Brownfields, Petroleum, EPA Superfund (CERCLA), Drycleaning, Responsible Party Cleanup, State Funded Cleanup, State Owned Lands Cleanup and Hazardous Waste Cleanup.

Agency File Date: 6/18/2021

Received by EDM: 6/28/2021

EDM Database Updated: 6/28/2021

State NPL Equivalent(STNPL)

The FDEP State Funded Cleanup list contains facilities and/or locations where there are no viable responsible parties; the site poses an imminent hazard; and the site does not qualify for Superfund or is a low priority for EPA. Remedial efforts at these sites are currently being addressed through State funded cleanup action.

Agency File Date: 3/30/2021

Received by EDM: 3/31/2021

EDM Database Updated: 3/31/2021

Underground/Aboveground Storage Tanks(TANKS)

The FDEP TANKS list contains sites with registered aboveground and underground storage tanks containing regulated petroleum products.

Agency File Date: 2/19/2021

Received by EDM: 2/20/2021

EDM Database Updated: 3/3/2021

Voluntary Cleanup List(VOLCLNUP)

The VOLCLNUP List is derived from the FDEP Brownfields Site Rehabilitation Agreement (BSRA) database, the FDEP ERIC Waste Cleanup database and the FDEP Office of Waste Cleanup Responsible Party Sites database (not available as of June 2021). The VOLCLNUP List identifies sites that have signed an agreement to Voluntarily cleanup a site and/or sites where legal responsibility for site rehabilitation exists pursuant to Florida Statutes and is being conducted either voluntarily or pursuant to enforcement activity.

Agency File Date: 6/1/2021

Received by EDM: 6/21/2021

EDM Database Updated: 6/22/2021

United States Environmental Protection Agency (EPA)

Comp Env Resp, Compensation & Liability Info Sys List(CERCLIS)

The US EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database tracks potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are proposed to be on the NPL, are on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL. The CERCLIS database was retired in November of 2013 and has been replaced by the Superfund Enterprise Management System (SEMS).

Agency File Date: 11/12/2013

Received by EDM: 2/18/2016

EDM Database Updated: 2/18/2016

RCRIS Handlers with Corrective Action(CORRACTS)

The US EPA Corrective Action Sites (CORRACTS) database is a listing of hazardous waste handlers that have undergone RCRA corrective action activity.

Agency File Date: 5/3/2021

Received by EDM: 5/4/2021

EDM Database Updated: 5/4/2021

Archived Cerclis Sites(NFRAP)

The US EPA NFRAP list contains archived data of CERCLIS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. NFRAP sites may be reviewed in the future to determine if they should be returned to CERCLIS based upon newly identified contamination problems at the site. The NFRAP database was retired in November of 2013 and has been replaced by the Superfund Enterprise Management System (SEMS).

Agency File Date: 10/25/2013

Received by EDM: 2/18/2016

EDM Database Updated: 2/18/2016

National Priorities List(NPL)

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities under the Superfund Program. EDM's NPL Report includes sites that are currently on the NPL as well as sites that have been Proposed, Withdrawn and/or Deleted from the list. Previously, information for the NPL was managed under the CERCLIS data management system. In 2014 this system was replaced with the Superfund Enterprise Management System (SEMS). EPA last updated CERCLIS in November of 2013. EDM's NPL Report contains available SEMS data and the archived CERCLIS data relative to NPL sites.

Agency File Date: 4/27/2021

Received by EDM: 5/5/2021

EDM Database Updated: 5/5/2021

NPL Liens List(NPLLIENS)

The US EPA NPL Liens List identifies those sites where under authority granted by CERCLA, liens have been filed against real property in order to recover expenditures from remedial action or when the property owner receives a notice of potential liability.

Agency File Date: 4/27/2021

Received by EDM: 5/5/2021

EDM Database Updated: 5/5/2021

SEMS Active Site Inventory List(SEMSACTV)

The US EPA Superfund Enterprise Management System (SEMS) tracks potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. The SEMSACTV list contains sites that are on the National Priorities List (NPL) as well as sites that are proposed for or in the screening and assessment phase for possible inclusion on the NPL. SEMS has replaced the CERCLIS database, which was retired in November of 2013.

Agency File Date: 4/27/2021

Received by EDM: 5/13/2021

EDM Database Updated: 5/13/2021

SEMS Archived Site Inventory List(SEMSARCH)

The US EPA Superfund Enterprise Management System (SEMS), contains archived data of CERCLIS or SEMS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. These sites may be reviewed in the future to determine if they should be returned to SEMS based upon newly identified contamination problems at the site. SEMS has replaced the CERCLIS database, which was retired in November of 2013. The SEMSARCH database contains these newly archived records under the SEMS database management system.

Agency File Date: 4/27/2021

Received by EDM: 5/13/2021

EDM Database Updated: 5/13/2021

Tribal LUST List(TRIBLLUST)

EDM's Tribal LUST list is derived from the USEPA Region IV Tribal Tanks database by extracting those sites with indicators of past and/or current releases.

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

Tribal Tanks List(TRIBLTANKS)

The USEPA Region IV Tribal Tanks database lists Active and Closed storage tank facilities on Native American lands.

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

RCRA-Treatment, Storage and/or Disposal Sites(TSD)

The EDM TSD list is a subset of the US EPA RCRAInfo system and identifies facilities that Treat, Store and/or Dispose of hazardous waste.

Agency File Date: 5/3/2021

Received by EDM: 5/5/2021

EDM Database Updated: 5/13/2021

Brownfields Management System(USBRWNFLDS)

The US EPA Brownfields program provides information on environmentally distressed properties that have received Grants or Targeted funding for cleanup and redevelopment. Tribal Brownfield sites are included in the USBRWNFLDS database.

Agency File Date: 2/5/2021

Received by EDM: 2/5/2021

EDM Database Updated: 2/5/2021

Institutional and/or Engineering Controls(USINSTENG)

The USINSTENG list is compiled from data elements contained in the NPL, CORRACTS, USBRWNFLDS and RCRAInfo databases.

Agency File Date: 2/5/2021

Received by EDM: 2/5/2021

EDM Database Updated: 2/5/2021

Draft

Environmental Impact Areas

Brownfield Areas and Sites

The FDEP Brownfields database contains a listing of State Designated Brownfield Areas and Brownfield Sites. Brownfields are typically defined as abandoned, idled or underused industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Agency File Date: 1/6/2021

Received by EDM: 1/8/2021

EDM Database Updated: 1/8/2021

<https://floridadep.gov/waste/waste-cleanup/content/brownfields-program>

Cattle Dipping Vats

From the 1910's through the 1950's, vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides such as DDT were also widely used. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Some of the sites have been located and are currently under investigation. However, most of the listings are from old records of the State Livestock Board, which listed each vat as it was put into operation. In addition, some privately operated vats may have existed which were not listed by the Livestock Board. EDM's Cattle Dipping Vat sites are retrieved from the Voluntary Cleanup and STCERC databases. For additional information on Cattle Dipping Vats visit the FDEP and FDOH websites at:

Agency File Date: 10/31/2018

Received by EDM: 1/25/2019

EDM Database Updated: 1/25/2019

<https://floridadep.gov/waste/district-business-support/content/cattle-dipping-vats-cdv>

<http://www.floridahealth.gov/environmental-health/drinking-water/cattledipvathome.html>

Formerly Used Defense Sites

The DoD is responsible for the environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and operated under the jurisdiction of the Secretary of Defense prior to October 1986. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. For more information on the FUDS Program, including maps and data on individual sites, visit the Army Corps of Engineers website at:

Agency File Date: 5/29/2018

Received by EDM: 1/25/2019

EDM Database Updated: 1/25/2019

<http://www.usace.army.mil/Missions/Environmental/Formerly-Used-Defense-Sites/>

FUDS Munitions Response Sites

The DoD developed the Military Munitions Response Program (MMRP) in 2001 to address munitions-related concerns, including explosive safety, environmental, and health hazards from releases of unexploded ordnance (UXO), discarded military munitions (DDM), and munitions constituents (MC) found at locations, other than operational ranges, on active and Base Realignment and Closure (BRAC) installations and Formerly Used Defense Sites (FUDS) properties. The MMRP addresses non-operational range lands with suspected or known hazards from munitions and explosives of concern (MEC) which occurred prior to September 2002, but are not already included with an Installation Response Program (IRP) site cleanup activity. For more information on the FUDS MMRP Program, including maps and data on individual sites, visit the Army Corps of Engineers website at:

Agency File Date: 5/14/2018

Received by EDM: 1/25/2019

EDM Database Updated: 1/25/2019

<http://www.asaie.army.mil/Public/ESOH/mmrp.html>

Groundwater Contamination Areas

The Ground Water Contamination Areas GIS layer is a statewide map showing the boundaries of delineated areas of known groundwater contamination pursuant to Chapter 62-524, F.A.C., New Potable Water Well Permitting In Delineated Areas. 38 Florida counties have been delineated primarily for the agricultural pesticide ethylene dibromide (EDB), and to a much lesser extent, volatile organic and petroleum contaminants. This GIS layer represents approximately 427,897 acres in 38 counties in Florida that have been delineated for groundwater contamination. However, it does not represent all known sources of groundwater contamination for the state of Florida.

This information is intended to be used by regulatory agencies issuing potable water well construction permits in areas of ground water contamination to protect public health and the ground water resource. Permitted water wells in these areas must meet specific well construction criteria and water testing prior to well use. This dataset only indicates the presence or absence of specific groundwater contaminants and does not represent all known sources of groundwater contamination in the state of Florida.

Agency File Date: 11/28/2018

Received by EDM: 1/24/2019

EDM Database Updated: 1/24/2019

<https://floridadep.gov/water/source-drinking-water/content/delineated-areas>

Institutional Controls

The FDEP Institutional Controls GIS layer is a statewide map showing the approximate boundaries of delineated areas where Institutional Controls are in place.

An institutional control provides for certain restrictions on a property. For example, a site may be cleaned up to satisfy commercial contamination target levels and an institutional control may be placed on that property indicating that it may only be used for commercial activities. If the owner of the property ever wanted to use that property for residential purposes, the owner would have to ensure that any contamination meets residential target levels.

The locational data for this layer is provided by the responsible party and reviewed by FDEP staff. Neither FDEP or EDM assumes responsibility for the accuracy of the boundary data.

Agency File Date: 12/30/2020

Received by EDM: 1/8/2021

EDM Database Updated: 1/8/2021

<https://ca.dep.state.fl.us/mapdirect/?webmap=cff8d21797184421ab4763d3e4a01e48>

National Priorities List

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities under the Superfund Program. EDM's NPL site boundaries data include sites that are currently on the NPL as well as sites that have been Proposed, Withdrawn and/or Deleted from the list.

Agency File Date: 11/14/2018

Received by EDM: 12/10/2018

EDM Database Updated: 1/22/2019

<https://www.epa.gov/superfund/search-superfund-sites-where-you-live>

Solid Waste Facilities

The FDEP SLDWST list identifies locations that have been permitted to conduct solid waste handling activities.

Agency File Date: 1/23/2019

Received by EDM: 1/24/2019

EDM Database Updated: 1/25/2019

<https://floridadep.gov/waste>

State Funded Cleanup Sites

The FDEP State Funded Cleanup list contains facilities and/or locations where there are no viable responsible parties; the site poses an imminent hazard; and the site does not qualify for Superfund or is a low priority for EPA. Remedial efforts at these sites are currently being addressed through State funded cleanup action.

Agency File Date: 3/30/2021

Received by EDM: 3/31/2021

EDM Database Updated: 3/31/2021

<https://floridadep.gov/waste/waste-cleanup/documents/state-funded-cleanup-program-site-list>

APPENDIX E

Site Photography

Site Photographs



South project limit, looking north along US 98 at CR 54/US 98 intersection



Looking east along US 98 at Old Lakeland Highway, central portion of project



Looking south along proposed ROW, central portion of project



Clinton Avenue looking west, northern portion of project

Medium Risk Rated Sites



Site 10: Circle K #2705931 – east portion of site looking northwest