

CONTAMINATION SCREENING EVALUATION REPORT

Florida Department of Transportation

District Seven

US 92/SR 600/Gandy Boulevard

Limits of Project: 4th Street to West Shore Boulevard

Pinellas and Hillsborough Counties, Florida

Work Program Item Segment Number: 441250-1

ETDM Number: 14335

Date: February 2023

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

Level I

Contamination Screening Evaluation Report

(Mainline)

Florida Department of Transportation
District Seven

Project Development and Environment Study
US 92/SR 600/Gandy Boulevard
from 4th Street to Westshore Boulevard

Pinellas and Hillsborough Counties, Florida

FPID: 441250-1-22-01

February 6, 2023

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1.0 Executive Summary

On behalf of the Florida Department of Transportation, this Level I Contamination Screening Evaluation Report was prepared to support the Project Development and Environment Study for US 92/SR 600/Gandy Boulevard from 4th Street to Westshore Boulevard located in Pinellas and Hillsborough Counties, Florida. This contamination evaluation was performed in accordance with Part 2, Chapter 20 of the Florida Department of Transportation's Project Development and Environment Manual (July 1, 2020). This report was *revised* based on comments provided by the Client on June 9, 2022. Additional right-of-way is anticipated to accommodate the proposed project improvements. Drainage sites were not evaluated in this contamination study.

Based on the methodologies completed for this study, the following risk ratings were assigned to the contamination sites identified along the project right-of-way:

Number of Contamination Sites per Risk Rating			
High	Medium	Low	No
1	5	14	2

For the High and Medium rated sites, Level II testing, if deemed appropriate by the District Contamination Impact Coordinator, is recommended. The Level II can include hazardous material surveys, soil borings, monitor well installation, soil and groundwater sampling, laboratory testing, and the use of an Organic Vapor Analyzer and Ground Penetrating Radar.

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.

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.

For areas where proposed right of way will be acquired, in accordance with Project Development and Environment Manual, Part 2, Chapter 20, an asbestos survey is recommended for structures located within proposed right of way.

2.0 Introduction

The Florida Department of Transportation (FDOT), District Seven, is conducting a Project Development and Environment (PD&E) study to evaluate improvements to US 92/SR 600/Gandy Boulevard including roadway widening, bridge widening and/or replacement, new stormwater management facilities, and pedestrian and bicycle accommodations.

Additional right-of-way is anticipated to accommodate the proposed project improvements on the west portion (Pinellas County) of the project along the north and south sides of Gandy Boulevard. Additionally, new right-of-way is anticipated along the east side of 4th Street North from Gandy Boulevard to approximately 420 feet south of Gandy Boulevard.

Additional right-of-way is not anticipated on the east portion (Hillsborough County) since the FDOT and Hillsborough County already owns the land where improvements are proposed.

The purpose of this contamination screening evaluation report is to present the findings of a Level I contamination screening evaluation for the mainline. Drainage was not included in the scope for this evaluation. This report also presents recommendations for additional analysis. The study was performed in accordance with Part 2, Chapter 20 of the FDOT's PD&E Manual (July 1, 2020).

3.0 Project Description

The Florida Department of Transportation (FDOT), District Seven, is conducting a Project Development and Environment (PD&E) study to evaluate improvements to US 92/SR 600/Gandy Boulevard including roadway widening, bridge widening and/or replacement, new stormwater management facilities, and pedestrian and bicycle accommodations. The limits of the study are from US 92/SR 687/4th Street North in St. Petersburg (Pinellas County) to CR 587/South West Shore Boulevard in Tampa (Hillsborough County), a distance of approximately 7.0 miles. The project study area and project limits are shown in **Figure 3-1**. The existing Gandy Boulevard is a four-lane roadway with sidewalks and segments of multi-use trails. The project is located in Sections 7 and 8 of Township 30 South, Range 18 East, and Sections 15, 16, 17, 18, and 19 of Township 30 South, Range 17 East. Proposed improvements include a 4-lane to 6-lane controlled access elevated roadway, frontage roads and multi-use trails. The results of the study will aid FDOT District Seven and the FDOT Office of Environmental Management (OEM) in deciding the location and design concept for the proposed improvements.

The project was evaluated through FDOT's Efficient Transportation Decision Making (ETDM) process as project #14335. An ETDM *Programming Screen Summary Report* containing comments from the Environmental Technical Advisory Team (ETAT) was published on November 8, 2018. The ETAT evaluated the project's effects on various natural, physical, and social resources.

Figure 3-1 Project Location Map



4.0 Project Alternatives

4.1 No-Build Alternative

Throughout this study, a “no-build” or “no-action” alternative is also considered with the build alternatives. The “no-build” alternative proposes no capacity or operational improvements to the existing Gandy Boulevard. Only routine roadway and bridge maintenance activities would be conducted along the limits of the project.

The no-build alternative results in zero ROW, avoiding environmental impacts, and no new construction costs. However, it does not accomplish the purpose and need for this project.

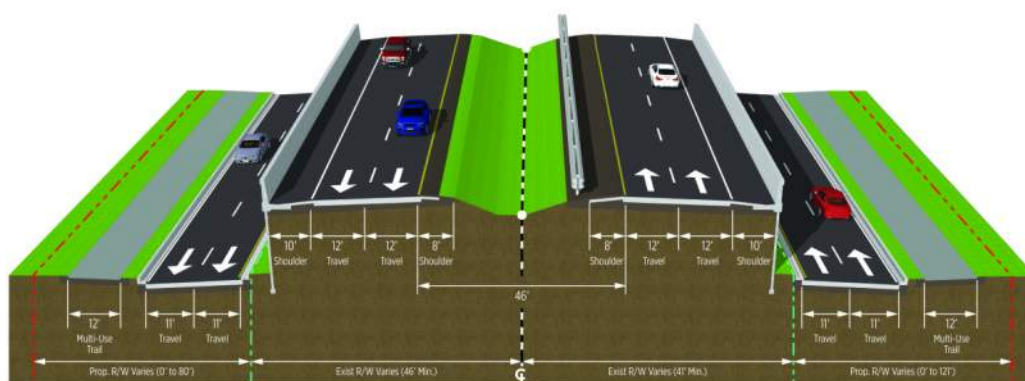
4.2 Build Alternative

4.2.1 Segment 1

Typical Section 1

The Build Alternative for Segment 1 (Pinellas Segment) includes three typical sections. Typical Section 1 is proposed from 4th Street to Brighton Bay Boulevard and from east of San Martin Boulevard to approximately 3,000 feet east of San Fernando Drive. Typical Section 1 consists of an elevated controlled access facility with two 12-foot travel lanes in each direction, varying inside shoulder widths (four feet to eight feet paved), ten-foot paved outside shoulders, and a 46-foot depressed median separated by guardrail. The local traffic will be accommodated along eastbound and westbound one-way frontage roads consisting of two 11-foot travel lanes with curb and gutter. Twelve-foot multi-use trails are proposed along the outside of the frontage roads on both sides of the corridor as shown in **Figure 4-1**. Typical Section 1 will require ROW acquisition to the south side of Gandy Boulevard approaching Brighton Bay Boulevard which varies from zero to 119 feet. The alignment shifts from the south to the north through the San Martin Boulevard intersection heading east where the ROW acquisition varies from zero to 80 feet.

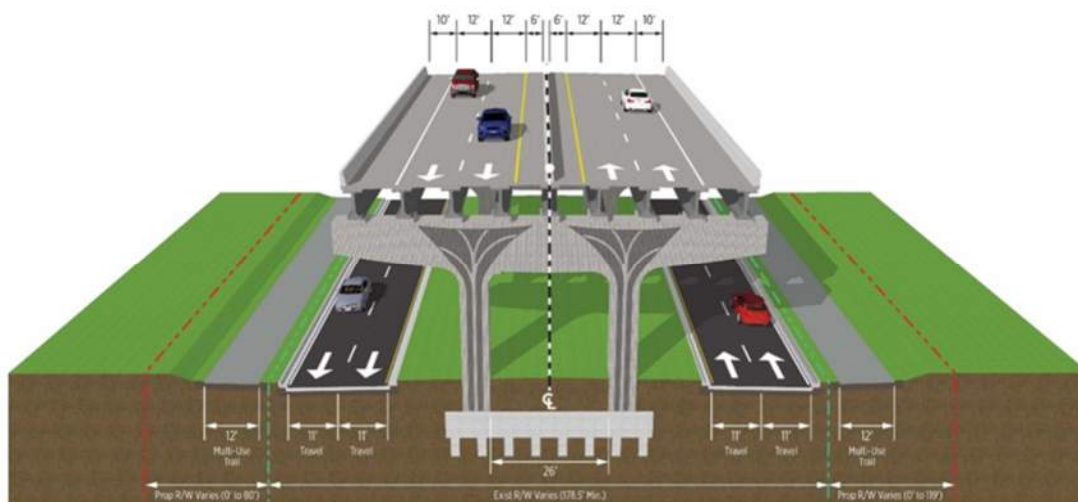
Figure 4-1 Segment 1: Typical Section 1



Typical Section 2

Typical Section 2 is proposed from west of Brighton Bay Boulevard to San Martin Boulevard and consists of a centered elevated viaduct with frontage roads on both sides. The viaduct consists of two 12-foot travel lanes in each direction separated by a concrete barrier wall with six-foot inside shoulders and ten-foot outside shoulders. The bridge concept could be widened to the outside if additional lanes are needed in the future. The eastbound and westbound frontage roads consist of two 11-foot travel lanes with curb and gutter. Twelve-foot multi-use trails are proposed along the outside of the frontage roads on both sides of the corridor as shown in **Figure 4-2**. Typical Section 2 will require ROW acquisition along the south side of Gandy Boulevard which varies from zero to 119 feet and along the north side of Gandy Boulevard varying from zero to 80 feet.

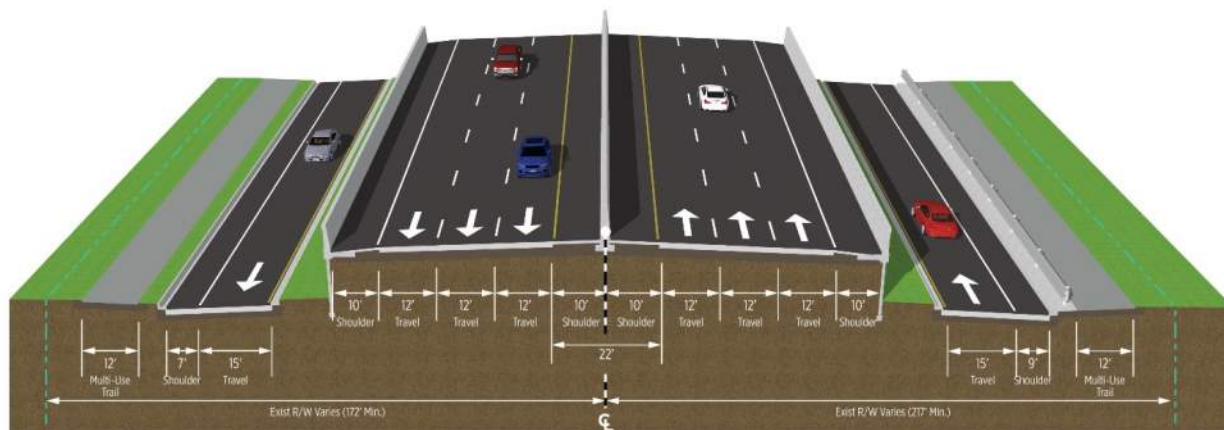
Figure 4-2 Segment 1: Typical Section 2



Typical Section 3

Typical Section 3 is proposed from East of San Fernando Drive to the west end of the Gandy bridges. An additional travel lane in either direction is developed from the direct connect access ramps from the local frontage roads creating a six-lane typical section throughout the causeway which continues east over the Gandy bridges. Typical Section 3 consists of an elevated controlled access roadway with three 12-foot travel lanes in each direction, ten-foot paved inside shoulders, and ten-foot paved outside shoulders with barrier wall in each direction. The median transitions from 46 feet to 22 feet with opposing travel lanes separated by median barrier wall. One-lane frontage roads are proposed on the outside of the controlled access roadway in each direction with a 15-foot travel lane, varying outside shoulder widths (seven feet to nine feet paved), curb and gutter, and a 12-foot multi-use trail. One of the frontage roads will provide access to multi-use trail parking. Typical Section 3 is proposed within the existing FDOT ROW as shown in **Figure 4-3**.

Figure 4-3 Segment 1 - Typical Section 3 from East of San Fernando Dr. to west end of Gandy bridges

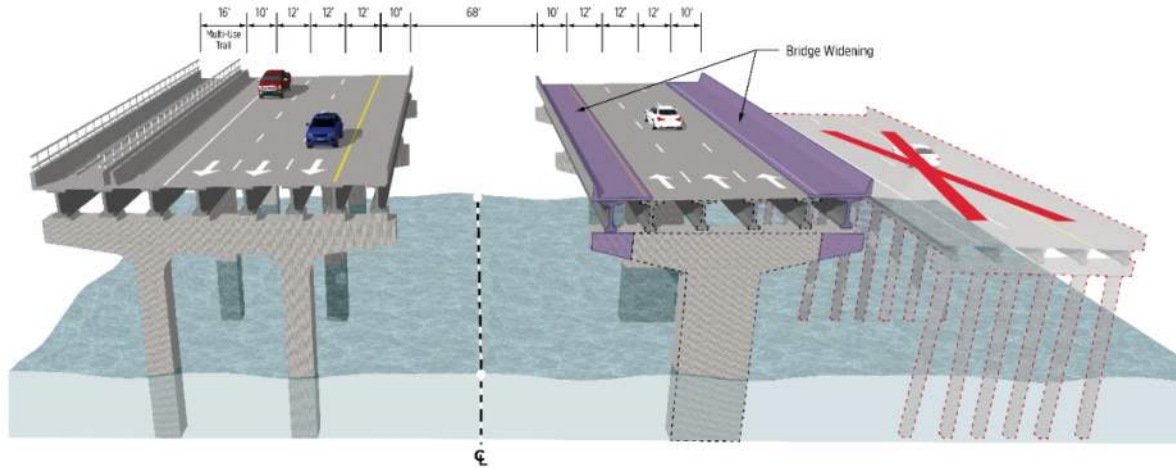


4.2.2 Segment 2

Typical Section 4

The Build Alternative for Segment 2 (Bay Segment) includes Typical Section 4 with three eastbound travel lanes, three westbound travel lanes, and a multi-use trail on the north side of the westbound bridge. As part of the Build Alternative, the existing eastbound bridge (#100300) will be demolished. The existing westbound bridge (#100585) will be widened to both the north and south sides and placed into service as the eastbound bridge. The widened bridge (#100585) will consist of three 12-foot travel lanes and ten-foot inside and outside shoulders. A new westbound bridge will be constructed on the north side of the widened bridge. The new westbound bridge will consist of three 12-foot travel lanes, ten-foot inside and outside shoulders, and a 16-foot multi-use trail separated by barrier wall as shown in **Figure 4-4**. The typical section includes an 88-foot median with approximately 65 feet of separation between the two bridges for constructability. The proposed bridge improvements over Old Tampa Bay are within the existing FDOT ROW.

Figure 4-4 Segment 2 - Typical Section 4 Bridges over Old Tampa Bay

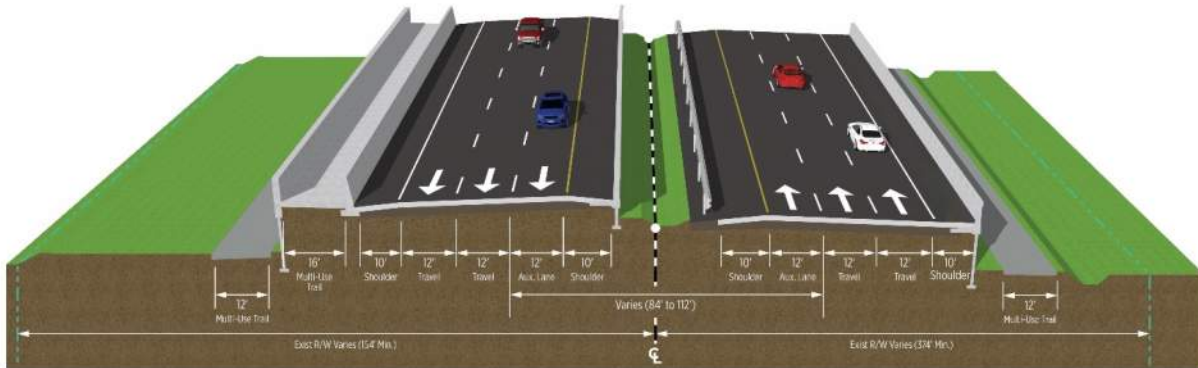


4.2.3 Segment 3

Typical Section 5

The Build Alternative for Segment 3 (Hillsborough Segment) provides a four-lane and six-lane divided typical section. Typical Section 5 is a transitional typical section proposed between the east end of the Gandy bridges to approximately 1,800 feet west of Bridge Street where the Selmon Expressway two-lane elevated viaduct begins in the median. Typical Section 5 consists of three 12-foot travel lanes in each direction, ten-foot paved inside shoulders bordered with guardrail and barrier wall, and ten-foot paved outside shoulders with barrier wall. The inside travel lanes function as the general use lanes across the Gandy bridges and become auxiliary lanes to serve as the entrance and exit lanes for the Selmon Expressway viaduct in the median. A 12-foot wide multi-use trail is proposed on both sides of the roadway as shown in **Figure 4-5**.

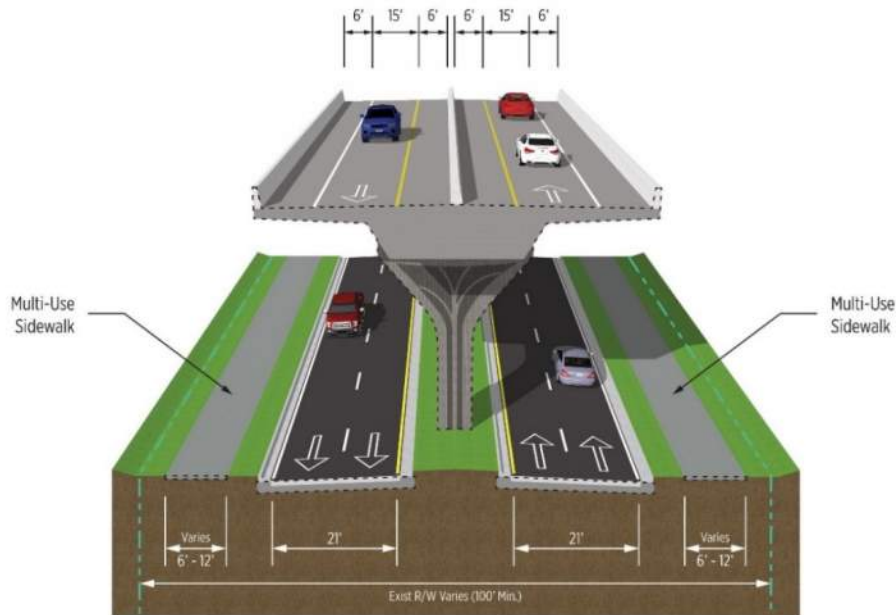
Figure 4-5 Segment 3 – Typical Section 5 from east end of the Gandy bridges to approximately 1,800 feet west of Bridge Street



Typical Section 6

Typical Section 6 is proposed from approximately 1,800 feet west of Bridge Street to West Shore Boulevard. The proposed improvements within the limits of Typical Section 6 are limited to intersection and access management improvements, and auxiliary lane development to connect the proposed relocated Gandy Boat Ramp turnout approximately 800 feet west of Bridge Street. The proposed typical section will match the existing roadway with a four-lane divided roadway, one 10-foot travel lane and one 11-foot travel lane in each direction. Typical Section 6 will accommodate the existing Selmon Expressway two-lane viaduct within the median with intermittent bridge piers. (**Figure 4-6**). The Segment 3 improvements are proposed within the existing FDOT ROW.

Figure 4-6 Segment 3 – Typical Section 6 from 1,800 feet west of Bridge Street to West Shore Blvd.



4.3 Proposed Pond Sites

There are four proposed drainage basins associated with the Build Alternative. In Basin 1, there is one proposed stormwater management facility (SMF), which is an expansion of an existing FDOT SMF at Gandy Boulevard and 4th Street. In Basin 2, there are two offsite wet detention SMF alternatives, both located on the south side of Gandy Boulevard, and one (Pond 2B) is recommended for this study. Basins 3 are 4 are proposed to utilize nutrient removal credits that were created by the Old Tampa Bay Water Quality Improvement Project, and therefore do not have proposed SMFs. In total, two SMFs are recommended for this study.

5.0 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 1938, 1943, 1951, 1952, 1957, 1965, 1970, 1976, 1987, 1994-1995, 1997-1998, 2002, 2004-2008, 2010, 2012-2014, and 2015-2021 were reviewed from the University of Florida, FDOT Survey & Mapping, and Google Earth databases. A summary of our review is discussed in **Section 6.2**. Site specific details are provided, where appropriate, in **Table 1**. A copy of the 2020 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 “St. Petersburg, Florida” Quadrangle dated 1956 (photo-revised 1988), and “Gandy, Florida” Quadrangle dated 1956 (photo-revised 1987), was reviewed as part of this study. The topographic map is provided in **Appendix C**.
- Hillsborough County Property Appraiser and Pinellas County Property Appraiser database information were 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 June 30, 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 600-foot search distance as requested by the District Contamination Impact Coordinator. 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. 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 9.0**.

- 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 or pond 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 Right-Of-Way (ROW) acquisition or have other potential transfer of contamination related liability to the FDOT.

6.0 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 8.0**) were performed along with a review of historical aerial photographs and topographic maps.

6.1 Site Reconnaissance

Site visits were conducted on August 17-18, 2021 to evaluate each property within and in close proximity to the mainline 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 5.0**. 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, 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 17-18, 2021, Gandy Boulevard was observed as a four lane divided highway. An elevated portion of the Selmon Expressway was located at the east end of the project. Multiple existing paved roads intersect Gandy Boulevard. Gandy Bridge was located in the middle of the project, and crosses Old Tampa Bay. Surrounding areas were generally residential and commercial businesses.

A detailed description of field observations for each contamination site is provided in **Section 9.0**.

6.2 Historical Aerial Photograph Review

The years and sources of the aerial photographs reviewed are provided in **Section 5.0**. A copy of the 2020 aerial photograph is presented in **Appendix A**. Copies of select historical aerial photographs are presented in **Appendix B**. The following is a summary of our review:

1938 Hillsborough County: Gandy Bridge, Gandy Boulevard, and Westshore Boulevard are depicted. Rows of planted trees (presumably Australian Pines) and sandy areas are depicted along the north and south sides of Gandy Boulevard. Aerial photo coverage was not available for Pinellas County.

1943 Pinellas County: Gandy Bridge and Gandy Boulevard are depicted. One structure, presumably a toll booth is depicted within the ROW (Station 295) west of Tampa Bay. Manmade canals and/or dredged areas are depicted for about two miles along the north and south sides of Gandy Boulevard. Several roads intersect Gandy Boulevard. A dog racing track and several structures are depicted along the south side of Gandy Boulevard. Two structures depicted north of Gandy Boulevard. Surrounding areas are sparsely developed. Aerial photo coverage was not available for Hillsborough County.

1951 Pinellas County: One cell tower and one building added north side of Gandy. Aerial photo coverage mostly not available. Although aerial photo coverage was mostly not available for Hillsborough County, no changes were noted for the areas of coverage.

1952 Pinellas County: Sparse development was added. Aerial photo coverage mostly not available. Aerial photo coverage was not available for Hillsborough County.

1957 Hillsborough County/Pinellas County: The north span (west-bound lanes) of Gandy Bridge was added.

1986 Pinellas County: Earthwork and a staging area were depicted on the causeway.

2006 Pinellas County: Some development was no longer present, and some new development was added.

2018-2021 Hillsborough County: Earthwork, a staging area, and roadway construction were depicted. This work was associated with the construction of the elevated lanes of the Selmon Expressway above Gandy Boulevard.

Additional site-specific current land use details regarding facilities/sites of contamination concern are included in **Table 1** in **Section 9.0**.

6.3 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 for the USGS 7.5-Minute topographic maps (**Appendix C**).

Based on a review of the “St. Petersburg, Florida” Quadrangle dated 1956 (photo-revised 1988), the western portion of the project is depicted as an existing road (Gandy Boulevard), undeveloped land, and urban area at the west end. The roadway is a divided at the west end with a manmade pond between the east/west lanes. Several cross roads and multiple structures are depicted within the ROW. Several radio towers are depicted along the north and south ROWs. Several wooded areas and mangroves are depicted along the north side of the ROW. Slope is generally to the east, towards Tampa Bay. A racetrack is depicted south of the ROW.

Based on a review of the “Gandy, Florida” Quadrangle dated 1956 (photo-revised 1987), the eastern portion of the project is depicted as an existing road (Gandy Boulevard), undeveloped land, and urban area at the east end. Several cross roads and access roads are depicted within the ROW. Slope is generally to the west, towards Tampa Bay.

Contamination concerns were not noted during the review of historical topographic maps.

7.0 Hydrologic Features

7.1 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.

7.2 Hydrology – Site Reconnaissance

During the site reconnaissance, Old Tampa Bay was observed in the middle portion of the project. Two manmade ponds were located near the west end of the project. Standing water was also observed in roadside ditches.

7.3 Hydrology – USGS 7.5 Minute Topographic Maps

Based on the topographic maps, Pinellas County and Hillsborough County are separated by Tampa Bay. One manmade pond is located between the east and westbound lanes of Gandy Boulevard near the west end of the project. Offsite, six manmade ponds are depicted near the west end of the project.

8.0 Interviews

Communication with landowners, facility operators, residents, and governmental agencies can aid in the understanding of past and current land uses within the study area. Where possible or when necessary, interviews or requests for information are collected in an effort to identify potential concerns associated with petroleum storage tanks; automotive or marine, maintenance, service or repair facilities; dry-cleaning processes; and other industrial or agricultural operations that could affect the project.

The following interviews were conducted, or attempted for this evaluation:

- Site 9 - Tierra emailed Mr. Scott Lashbrook, Pinellas County Health Department on August 19, 2021.
- Site 9 – Tierra emailed the FDEP Southwest District on August 25, 2021.
- Site 20 – Tierra emailed the FDEP Southwest District on March 18, 2022, and again on March 31, 2022.

These interviews and/or correspondences are documented in **Table 1** in **Section 9.0**. The emails are included in **Appendix F**.

9.0 Project Impacts

Based on the methodologies performed, twenty-two contamination sites were identified within the study area which may impact this project. These are discussed in Table 1. The location of each contamination site is illustrated in **Appendix A**.

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
PINELLAS COUNTY						
1 (EDM 1)	BON SECOURS-MARIA MANOR NURSING HOME 10300 4TH ST N	LUST STCERC 9100377	Adjacent northwest	Petroleum	Low	<p>During the site reconnaissance, this location was observed as Bon Secours Place, an assisted living facility. The site was first depicted on the 1970 aerial photograph.</p> <p>EDM’s report states remedial action is ongoing for one diesel fuel discharge dated October 10, 1990. This discharge is eligible in the State’s Petroleum Cleanup Program with a score/rank of 10/8533, effective since 1999. For the heating oil discharge dated July 13, 1994, no cleanup is required according to EDM’s report.</p> <p>OCULUS: According to figures found in the Low Score Site Initiative (LSSI) Site Assessment Report (SAR) dated January 9, 2018, the soil and groundwater petroleum contamination plume is located at the former UST location, 800 feet northwest of the Gandy Boulevard ROW, and west project limit. A total of three fuel storage tanks were removed (two ASTs, one UST). Two 1,500-gallon diesel fuel ASTs were installed in 2011 for emergency generators and remain active. Presumably, the ASTs are located within the generator/chiller building located 800 feet northwest of the west end of the project limits for this project.</p> <p>Given the separation distance to the petroleum contamination plume, this site is assigned a risk rating of Low.</p>
2 (EDM 2)	FORMER AMOCO #1463- JIMS TRIANGLE 9901 4TH ST N	LUST/STCERC 8623518	70 feet south of 4 th Street proposed ROW 500 feet south of Gandy Boulevard ROW	Petroleum	Low	<p>During the site reconnaissance, this site was observed as Michelle’s Ultimate Car Care, an automotive repair shop. Multiple groundwater monitor wells were observed at this facility, and three were observed within the 4th Street North concrete median, west of this facility. Although the pump island and canopy were present, fuel pumps were not observed at this facility. Three hydraulic lifts were noted inside the service bays. The site was first depicted on the 1970 aerial photograph.</p> <p>EDM’s report states remedial action is ongoing for one diesel fuel discharge dated November 30, 1988. This discharge is eligible in the State’s cleanup program (Early Detection Incentive (EDI)) with a score/rank of 11/8060, effective since 1997. According to the FDEP <i>Deliverable (Supplemental Site Assessment Report (SSAR)) Approval</i> letter dated April 2, 2021, although the FDEP agrees soil and groundwater assessment should continue, it has been put on hold due to funding.</p> <p>Based on figures included in the SSAR dated March 16, 2021, the soil and groundwater petroleum contamination plumes were depicted 100 feet south of the southernmost point of the 4th Street North proposed ROW. The groundwater plume is depicted within the 4th Street North ROW (100 feet south of project limits). Groundwater flow is depicted generally to the east and west, cross-gradient to the project limits. See excerpts in Appendix F. A total of eight USTs were removed from this facility.</p> <p>According to the FDEP letter dated March 26, 2021, two offsite contamination notification emails were emailed to the FDOT District Seven on March 26, 2021. The email notifications were provided to advise the FDOT that contamination was “detected or suspected” within the FDOT ROW both east and west of this site. The contaminant plume maps depict the plumes located over 100 feet south of the southern limit of this project.</p> <p>Given the separation distance of 100 feet, and cross-gradient groundwater flow directions, this site is assigned a risk rating of Low. Although Level II testing is not recommended/warranted, this site may trigger additional evaluation for NPDES permitting if dewatering is performed within 500 feet.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
3 (EDM 3)	MOBIL-WHITWAY #545 10021 4TH ST N	LUST/STCERC 8623360CLN	Adjoining south	Petroleum	High	<p>During the site reconnaissance, this location was observed as an active Mobil gas station. The pump island is located 20 feet south, and tank farm is 80 feet south of the Gandy Boulevard ROW. The site was first depicted on the 1986 aerial photograph. It is important to note, ROW acquisition is anticipated along the west side of this gas station.</p> <p>EDM's report states remedial action is ongoing for one discharge dated November 28, 1988. This discharge is eligible in the EDI petroleum cleanup program with a score/rank of 8/8533, effective since 2008. Two other reported discharges (dated December 29, 1989 and October 23, 1993) have been included under a combined cleanup in the EDI program. According to the Natural Attenuation Monitoring Report (NAMR) dated June 3, 2019, laboratory groundwater results from the May 2019 sampling event were below Groundwater Cleanup Target Levels (GCTLs). However, in the previous sampling event, benzene exceeded the GCTL at MW-6 (located 30 feet south of Gandy Boulevard ROW, and 50 feet east of 4th Street ROW) in December 2018. Groundwater reportedly flows to the west (towards 4th Street). See excerpts in Appendix F. No SRCO was found for this facility. Based on an email from Jennifer Rogers, FDEP dated September 28, 2021, the FDEP has been awaiting a Declaration of Restrictive Covenant (DRC) for over a year so a Conditional Site Rehabilitation Completion Order (SRCO) can be issued after the DRC has been approved. See email in Appendix F. The Conditional SRCO acknowledges that contamination will remain at the site but further rehabilitation will not be required.</p> <p>Given the status as an active retail gas station, and laboratory results above the GCTL for benzene at MW-6 (in 2018), this site is assigned a risk rating of High.</p>
4	I C SHARKS 10020 GANDY BOULEVARD	NA	Adjoining south	Petroleum	Low	<p>During the site reconnaissance, this location was observed as IC Sharks seafood market. Although this site appears typical of a convenience store which often are retail fuel facilities, no monitor wells, fill ports, vent pipes or evidence of other contamination concerns were noted.</p> <p>No regulatory files were found.</p> <p>The site was first depicted in the current configuration on the 1970 aerial photograph. No pump island was noted on aerial photographs. However, one petroleum 550-gallon AST was depicted on the Google Earth Street View image dated January 2020. See image in Appendix E.</p> <p>Although it appears that an AST operated at this site, there is no evidence of a discharge or spill. This site is assigned a risk rating of Low.</p>
5 (EDM 4)	BARNEY'S MOTORCYCLE SALES INC 10375 OAK ST NE 10411 GANDY BOULEVARD	LUST/STCERC 8943143 9200368CLN	Adjoining north	Petroleum	Low	<p>During the site reconnaissance, this location was observed as Barneys Motorcycle and Marine, sales and service. Service areas were noted in the north end of the building, and at locations west of this facility which appear to be owned/operated by Barney's. The nearest service bays/areas are located 250 feet north of the Gandy Boulevard ROW.</p> <p>EDM's report identified two discharges. For the discharge (type and quantity not given) dated December 30, 1988, no cleanup is required. For the leaded gasoline (quantity not given) discharge dated December 5, 1991, cleanup was completed and a SRCO was issued on January 2, 2019. Based on figures included with the Natural Attenuation Quarterly Monitoring Report dated July 6, 2018, the former 1,000-gallon diesel UST is depicted 200 feet north of the Gandy Boulevard ROW. The UST was removed in 1991.</p> <p>The site was first depicted in the current configuration on the 2002 aerial photograph.</p> <p>Given the separation distance of 200 feet, source removal, regulatory status, this site is assigned a risk rating of Low.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
6 (EDM 5)	GOODWILL INDUSTRIES-SUNCOAST INC 10596 GANDY BLVD N	LUST 8944861	Adjoining south	Petroleum	Low	<p>During the site reconnaissance, this location was observed as Goodwill, a new and used retail store.</p> <p>EDM’s report states this facility has one reported discharge dated February 3, 1994. Cleanup was completed and a No Further Action (NFA) was issued on June 14, 1995. Based on figures included in the Contamination Assessment Report dated October 19, 1994, the three former tanks were located 800 feet south of the Gandy Boulevard ROW.</p> <p>The site was first depicted on the 1976 aerial photograph.</p> <p>Given the separation distance, regulatory status and source removal, this site is assigned a risk rating of Low.</p>
7 (EDM 6)	FORMER TIMM'S STATION 10690 GANDY BLVD N (FORMERLY 10700 GANDY BLVD N)	LUST 8842410	Adjoining south	Petroleum	Low	<p>During the site reconnaissance, the vicinity of the former gas station was observed as landscaped area and a manmade pond associated with San Martin Village plaza (10690 Gandy Boulevard), with multiple tenants. From west to east, addresses at the plaza ranged from 10660 to 10730 Gandy Boulevard. Contamination concerns were not noted based on the tenants. However, one monitor well was observed at the southwest corner of San Martin Boulevard and Gandy Boulevard, at the east end of a stormwater pond.</p> <p>EDM’s report states no cleanup is required for the December 19, 1988 discharge (type and quantity not given). No other discharges were reported. The address identified in EDM’s report and FDEP OCULUS files, 10700 Gandy Boulevard, was not found on the Pinellas County Property Appraiser (PCPA) database. During the site reconnaissance, the address nearest the location of the former Timm’s Station was 10730 Gandy Boulevard, the east end of the shopping plaza. The current structure is located over 100 feet south of the former gas station and is described as a shopping center built in 2008 located at 10690 Gandy Boulevard according information found on the PCPA database.</p> <p>According to the Storage Tank Notification Form dated August 16, 1990, four USTs (two 2,000-gallons unleaded gasoline, one 1,000-gallon leaded gasoline, and one 500-gallon kerosene) were removed in 1988. However, the FDEP letter dated July 27, 1990 states “based on the information you have provided and the eligibility inspection, we cannot verify that contamination existed at your facility on or prior to the December 31, 1998 reporting deadline.” No assessment or closure reports were found for the tank removals in 1988. Tierra observed one groundwater monitor well at or near the location of the former gas station during the site visit. Tierra suspects the monitor well may be associated with assessment of the former gas station. The vicinity of the former gas station has been re-developed with a manmade stormwater pond, grassy ROW, and a berm.</p> <p>The gas station was depicted on aerial photographs from 1957 to 2006.</p> <p>Given the lack of documented contamination, this site is assigned a risk rating of Low.</p>
8	7-ELEVEN #38123 10820 GANDY BLVD N	TANKS 9815159	Adjoining south	Petroleum	Medium	<p>During the site reconnaissance, this location was observed as an active 7-Eleven gasoline station. The pump island is located 20 feet south of the ROW, and the tank farm is 60 feet south.</p> <p>This site was not identified in EDM’s report. No discharges were identified on the FDEP OCULUS database. The tank inspection form dated March 17, 2019 states this facility is in compliance, and has two USTs filled with diesel and unleaded gasoline.</p> <p>This site is first depicted on the 2019 aerial photograph.</p> <p>Given the status as an active gasoline station, this site is assigned a risk rating of Medium.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
9	<p>FORMER GASOLINE/SERVICE STATION</p> <p>FORMERLY 12004 GANDY BLVD</p>	NA	Adjoining south	Petroleum	Medium	<p>During the site reconnaissance, this location was observed as a grassy field, with areas of overgrowth, and palm trees. Fencing was in place around the parcel. No structures or address were noted. One temporary monitor well or piezometer (1-inch diameter PVC, four feet high, with cap) was noted at or near the former gasoline/service station, approximately fifteen feet south of the Gandy Boulevard ROW. Faded marking flags and stakes were also noted in the area.</p> <p>This site was identified in FDEP OCULUS documents for two sites, Sites 9 and 10 (discussed below) including the <i>Report on a Limited Contamination Assessment</i> dated May 1996, and the Phase I and Phase II ESAs, both dated 1995. Additionally, based on a Pinellas County Health Department letter dated February 16, 1996, an inspection of this gasoline/service station was performed since it was thought to be part of the Thomas A. King Estate. Although vent pipes, a pump island and service bays were noted at the gas station during that inspection, the location of the tanks was not identified. See excerpts in Appendix F.</p> <p>Tierra emailed Pinellas County Health Department on August 19, 2021 for information regarding the former gasoline/service station. The response by Mr. Scott Lashbrook, Pinellas County Health Department states: <i>The Florida Department of Environmental Protection (FDEP), Storage Tank Program database indicates removal of two underground storage tanks with a record entry dated April 8, 1996. However, there was no specific details about the tank systems, closure documentation, nor associated assessment. Our local office does not have any paper files for this facility.</i> In a subsequent email dated August 25, 2021, Mr. Lashbrook states <i>there appears no documentation for actual fuel station nor tank location.</i> See email in Appendix F.</p> <p>Tierra emailed FDEP Southwest District on August 25, 2021 for information regarding the former gasoline/service station. The FDEP provided no new information (only a link to Fac. ID 9600673, Gandy Boat Yard, which is located adjoining east of the former gas station, and is discussed as Site 9 in this CSER).</p> <p>Therefore, it appears no facility ID number was assigned for this former gasoline/service station. Additionally, the location(s) of the tanks was not found in any of the documents reviewed. No documentation other than that in Mr. Lashbrook’s email (previously discussed) supporting the removal of tanks was found either. In our opinion, based on the email from Mr. Lashbrook, and other documents associated with the adjoining east site (Site 10), the two USTs reportedly removed in April 1996 may have been associated with this former gasoline/service station (Site 9). Additionally, since no tank registration forms were found for this facility, it is possible other USTs may still remain in place at this facility.</p> <p>The former gasoline/service station was depicted on aerial photographs from 1957 to 2004.</p> <p>According to information found on the Pinellas County Property Appraiser database, this is a “vacant commercial” with address listed as “Gandy Boulevard.” The owner is identified as Gandy Harbor I, LLC since 2011. Based on the parcel map, this parcel is approximately 2-acres, and includes Sites 10 and 11.</p> <p>Given the lack of closure/assessment documentation, and the possibility USTs remain, this site is assigned a risk rating of Medium.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
10	<p>FORMER GANDY BOAT YARD (THOMAS A. KING ESTATE – WEST PARCEL)</p> <p>FORMERLY 12016 GANDY BLVD</p>	9600673	Adjoining south	Petroleum	Low	<p>During the site reconnaissance, this location was observed as a grassy field, with areas of overgrowth, and palm trees. Fencing was in place around the parcel. No structures or address were noted.</p> <p>This site was not identified in EDM’s report. This site was identified on the FDEP Map Direct and OCULUS databases. It is important to note, regulatory files for this site were also found on the OCULUS database under Fac. ID 9600673 and Fac. ID 9600674, the adjoining east parcel. Based on files found on the OCULUS database, no tanks were registered for 12016 Gandy Boulevard or 12020 Gandy Boulevard.</p> <p>OCULUS 9600673/9600674 – Based on Phase I Environmental Site Assessment (ESA) and Phase II ESA reports (both dated 1995) found on the OCULUS database, the Thomas A. King Estate was comprised of two parcels. The former Gandy Boat Yard was located on the west parcel at 12016 Gandy Boulevard, and the former Pirate’s Landing Bait Shop was located on the east parcel at 12020 Gandy Boulevard. Currently, based on information found on the Pinellas County Property Appraiser (PCPA) database, both of the parcels are now included in one larger parcel (parcel ID: 17-30-17-28602-005-0050). Information found on the PCPA database also states this is a “vacant commercial” with address is listed as “Gandy Boulevard.” Based on the parcel map, this parcel is approximately 2-acres.</p> <p>OCULUS 9600673 – The Phase II ESA dated August 20, 1995 states “this assessment was specifically designed to assess soil and groundwater quality at on the subject property.” Figures in the report depict soil borings and groundwater monitor wells on both parcels (12016 and 12020). Groundwater at TMW-3 exceeds the GCTL (volatile organic aromatics), and TRPH exceeds the SCTL at a depth of two feet below land surface (bls) at SB-5 (same location as TMW-3). Tierra estimates TMW-3/SB-5 was approximately 20-30 feet south of the Gandy Boulevard ROW, near the western boundary of this parcel (12016). The highest OVA reading was 2,000 ppm at a depth of two feet bls at SB-5. According to the report, TMW-3/SB-5 was located approximately three feet east of a former gasoline/service station. Recommendations included submitting a discharge report form, and additional testing. A discharge was reported for 12016-12020 Gandy Boulevard on February 12, 1996 based on Phase II testing results.</p> <p>OCULUS 9600674 – Based on information found in the Limited Contamination Assessment (LCA) report for the Thomas A. King Estate, dated May 1996, soil and groundwater assessment activities were limited to 12016 Gandy Boulevard (no testing was performed in April 1996 at 12020). Eleven soil borings and three groundwater monitor wells are depicted on the west side of 12016 Gandy Boulevard (east side of a former gasoline/service station). OVA results ranged from less than 1 ppm to 350 ppm. Based on laboratory results, although petroleum constituents were detected, the concentrations were below GCTLs. The report states although boat/engine repairs were documented at 12016 Gandy Boulevard, the likely source of petroleum impacts at 12016 Gandy Boulevard is the gasoline service station (12004 Gandy Boulevard) located adjoining west of 12016 Gandy Boulevard. No further action was recommended. Depth to groundwater ranged from 2.56 feet bls to 6.55 feet bls in April 1996. Groundwater flow was reported to the southeast, away from the Gandy Boulevard ROW. Additionally, the report states a gas station (no facility ID found; Site 9) was in operation from 1955 to 1966 at 12004 Gandy Boulevard, located adjoining west. See excerpts in Appendix F. Based on testing results associated with the LCAR, an SRCO was issued for 12016-12020 Gandy Boulevard on December 16, 1996 for the February 12, 1996 discharge.</p> <p>A letter dated March 11, 1996 states “my records contain no information which would indicate there are or were any underground tanks on the property owned by the Estate” (referring to Thomas A. King Estate). See letter in Appendix F. No tank registration forms were found on the OCULUS database. Therefore, Tierra concludes although the FDEP assigned a tank registration number, no fuel storage tanks were actually registered for either of the two parcels (12016 and 12020 Gandy Boulevard) associated with the Thomas A. King Estate.</p> <p>Tierra emailed Pinellas County Health Department on August 19, 2021 for information regarding the former adjoining west gasoline/service station. See Site 9 – Former Gasoline/Service Station for further discussion.</p> <p>Given the regulatory status, and down-gradient location, this site is assigned a risk rating of Low.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
11 (EDM 7)	FORMER PIRATES LANDING BAIT SHOP (THOMAS A. KING ESTATE – EAST PARCEL) FORMERLY 12020 GANDY BLVD	LUST 9600674	Adjoining south	Petroleum	Low	<p>During the site reconnaissance, this location was overgrown and surrounded by fencing. No structures or address were noted.</p> <p>EDM’s report states an SRCO was issued on December 16, 1996 for the February 12, 1996 discharge. No other discharges were reported, and no tanks were registered for this facility.</p> <p>OCULUS 9600674 – Based on information found in the LCAR (for the Thomas A. King Estate) dated May 1996, no soil or groundwater testing was performed at 12020 Gandy Boulevard. Soil and groundwater assessment activities were limited to 12016 Gandy Boulevard, located west of this site, Pirates Landing Bait Shop. Figures depict the nearest boring location over 100 feet west of this parcel. Based on laboratory results, although petroleum constituents were detected, the concentrations were below GCTLs. No further action was recommended. Groundwater flow was reported to the southeast, away from the Gandy Boulevard ROW. See excerpts in Appendix F.</p> <p>The former bait shop was depicted on aerial photographs from 1957 to 2004.</p> <p>In conclusion, no tanks were registered for this site. The discharge was reported based on laboratory results contained the Phase II ESA. However, based on boring and well locations depicted in the Phase II ESA, CTL exceedances were limited to 12016 Gandy Boulevard. No CTL exceedances were identified at 12020 Gandy Boulevard.</p> <p>Therefore, this site is assigned a risk rating of Low.</p>
12 (EDM 9)	FORMER MARINER YACHT SALES INC 12022 GANDY BLVD	LUST 9202351	Adjacent south	Petroleum	Low	<p>During the site reconnaissance, this location was observed as AmiKids, a maritime nonprofit organization for youth. The facility did not appear to be in operation during the site reconnaissance. Multiple groundwater monitor wells were noted on the north side of the building.</p> <p>EDM’s report states an SRCO was issued on December 15, 1995 for the May 18, 1982 discharge. No other discharges were reported.</p> <p>The CAR dated March 1995 states this facility was associated with Orange State Oil Company from 1947 to 1960, and has been used for yacht sales since 1977. A Phase I ESA dated 1992 identified four USTs at this facility. All four USTs (three 10,000-gallon leaded gasoline, one 550-gallon kerosene), and five cubic yards of contaminated soil were removed in 1993. Groundwater reportedly flows south, away from the Gandy Boulevard ROW. The highest OVA reading was 80 ppm located at MW-5 (south of building). Figures included in the CAR depict the former USTs located within and adjoining south of the Gandy Boulevard ROW. Laboratory results were below GCTLs, and no further assessment was recommended.</p> <p>The CAR Addendum dated November 1995 was prepared in response to FDEP comments. Additional soil and groundwater testing was performed in the drum storage area located on the west side of the building, and at the former UST location on the north side of the building, and south of the building where the highest OVA reading (80 ppm) was identified. Testing results were below CTLs, and no further action was recommended.</p> <p>Given the source removal, laboratory results below CTLs and regulatory status, this site is assigned a risk rating of Low.</p>
13 (EDM 8)	RACETRAC #441 12025 GANDY BLVD	LUST 9201309	Within proposed ROW and adjoining north	Petroleum	Medium	<p>During the site reconnaissance, this location was observed as an active RaceTrac gasoline station. While the pump island is located within the proposed Gandy Boulevard ROW, the tank farm is located 20 feet north of the proposed ROW.</p> <p>EDM’s report states an SRCO was issued on August 24, 2012 for the November 14, 2007 unleaded gasoline discharge. See excerpts in Appendix F. No other discharges were reported. However, according to the Pinellas County Health Department Return to Compliance letter dated June 15, 2020, the documentation reviewed was sufficient to support this facility’s return to compliance for pre and post spill bucket repair testing. This facility has three 12,000-gallon USTs were installed in 1992.</p> <p>Given the active status as a retail gasoline station, this site is assigned a risk rating of Medium. Additionally, it is important to note, the pump island is located within proposed ROW. Therefore, Level II testing may be warranted if construction impacts and/or dewatering are anticipated at or near the pump island.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
14 (EDM 10)	FORMER I C SHARKS 13050 GANDY BLVD N	LUST 8840880	Adjoining south	Petroleum	Low	<p>During the site reconnaissance, this location was observed as The Getaway restaurant, and Urban Kai, a paddle board rental facility. Both are located at 13090 Gandy Boulevard.</p> <p>EDM’s report states an SRCO was issued on January 19, 2011 for the September 29, 2010 unleaded gasoline discharge. No other discharges were reported. According to a figure in the Petroleum Storage Tank Closure Report dated October 2010, the former UST was located 70 feet south of the Gandy Boulevard ROW.</p> <p>Building permits found on the Pinellas County website indicate three structures associated with 13050 Gandy Boulevard were demolished in 2012.</p> <p>Given the regulatory status, this site is assigned a risk rating of Low.</p>
15 (EDM 11)	FORMER GANDY BRIDGE PARK AND RIDE WEST GANDY BLVD	VOLCLNUP ERIC_9917	Within ROW	Petroleum, Pesticides, PCBs, Solid Waste	Low	<p>During the site reconnaissance, this location was observed as Gandy Boulevard causeway, including grassy ROW.</p> <p>According to the Soil Quality Investigation report dated May 3, 1994, a soil investigation was performed “in response to an article in the Tampa Tribune that alleged possibly contamination fill material had been inadvertently utilized by the FDOT subcontractor at this location.” The reported location was the median on the west side of the Gandy Bridge. Soil samples were collected at depths of 6-inches and one-foot from a total of 93 boring locations within an area 2,000-feet long and 100-feet wide. See excerpts in Appendix F. “Field screening using the OVA-FID found no volatile organic hydrocarbons.” A total of five composite samples were submitted for laboratory analysis. Fill materials included a mixture of “shell, concrete and building materials.” No details of the “building materials” were provided. An FDEP letter dated July 5, 1994 states “all soil levels in the composite samples were BDL and the grids were small enough that we determined additional sampling is not necessary for this site.” EDM’s report states the site status is “closed.”</p> <p>This site was depicted on the 1986 aerial photograph.</p> <p>Given the laboratory results below CTLs, and regulatory status, this site is assigned a risk rating of Low.</p>
HILLSBOROUGH COUNTY						
16 (EDM 12)	US MARINE CORPS RESERVE 5121 W GANDY BLVD	LUST 8625404	Adjoining north	Petroleum	Low	<p>During the site reconnaissance, this location was observed as a USMC 4th Assault Amphibian Battalion facility.</p> <p>This facility is identified as a Leaking Underground Storage Tank (LUST) site in EDM’s report. EDM’s report further states no cleanup is required for the discharge dated January 12, 1995.</p> <p>OCULUS - The Discharge Report Form dated January 12, 1995 states no cleanup was required for the diesel fuel discharge (quantity not given). The most recent tank registration form dated January 4, 1995 states this facility has four registered fuel storage tanks: one AST, and three USTs. All four tanks were reportedly removed by January 4, 1995. Tank contents included diesel, leaded gasoline, and waste oil. Based on a sketch included in the combined documents (32 pages) found on OCULUS, two USTs were located 550 feet north of the Gandy Boulevard ROW. No maps or sketches were found for the remaining tank locations. Tierra presumes they were located in the same vicinity, at least 500 feet north of the Gandy Boulevard ROW.</p> <p>Given the separation distance to contamination concerns, this site is assigned a risk rating of Low.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
17 (EDM 13)	FORMER COASTAL MART #603 5002 W GANDY BLVD	LUST 8625224	Adjoining south	Petroleum	Low	<p>During the site reconnaissance, this site was observed as the grassy south Gandy Boulevard ROW, and a landscape area with a sign monument.</p> <p>EDM’s report states this site has two discharges: 1) an SRCO was issued on February 27, 2015 for the discharge dated August 19, 1991, and 2) no cleanup was required for the unleaded gasoline (no quantity given) discharge dated January 25, 1988. Based on aerial photographs, the former pump island was located within the existing Gandy Boulevard ROW, and the former USTs were located adjacent south of the existing Gandy Boulevard ROW.</p> <p>The <i>Natural Attenuation Monitoring Report & Response to HCEPC Comments</i> dated February 3, 2015 states laboratory results are below GCTL, groundwater flow is southwest, away from the ROW. Therefore, an SRCO without conditions was recommended. See excerpts in Appendix F. No groundwater monitor wells were noted during the site reconnaissance.</p> <p>This site is depicted on aerial photographs from 1976 to 2004.</p> <p>Given the source removal, groundwater flow away from the ROW, and regulatory status, this site is assigned a risk rating of Low.</p>
18	FORMER IMPERIAL YACHT BASIN MARINA 5000 W GANDY BLVD	LUST 8625418	Adjacent south	Petroleum	Low	<p>During the site reconnaissance, this site was observed as Town Westshore apartments.</p> <p>An SRCO was issued on March 15, 2013 for the discharge dated December 1, 2005. According to the Closure Assessment Final Report dated January 18, 2006, two 10,000-gallon USTs (unleaded gasoline and diesel) were removed in December 2005. See excerpts in Appendix F. Although the former parcel was located adjacent south of the Gandy Boulevard ROW, figures in the report depict the former USTs and dispensers located 650 feet south of the Gandy Boulevard ROW.</p> <p>Underground storage tanks and dispenser pumps were not visible on aerial photographs. However, structures in this vicinity were removed by 2006.</p> <p>Given the regulatory status, source removal, and separation distance of 650 feet, this site is assigned a risk rating of Low.</p>
19 (EDM 14)	DANMARK RECLAMATION CORP 4808 WEST PAUL AVENUE	STCERC ERIC_9193CLN VOLCLNUP 37380 CERCLIS SEMSACTV NFRAP FL0001093103	640 feet south	Waste oil, solvents	No	<p>Although EDM’s report and the FDEP database depict this facility adjoining south of the ROW, maps included in the FDEP database depict the actual location 640 feet south of the Gandy Boulevard ROW. A site map included in the EPA Action Memorandum dated April 7, 1995 is included in Appendix F.</p> <p>The most recent file found on OCULUS is an EPA letter dated September 23, 1997, which states this “site does not qualify for further remedial.” According to the Preliminary Assessment report dated October 16, 1996, this former used oil hauler, collection, and recycling facility was closed in 1993. The report further states the FDEP and EPC noted approximately 80,000-gallons of waste oil and chlorinated solvents, 150-tons of solid wastes consisting of soil, used oil filters and sludge during “on-site investigations” after the site was abandoned in 1993. Source removal took place in 1995 and 1996. Groundwater flow was reported to the west and southwest, cross-gradient and down-gradient to the Gandy Boulevard ROW.</p> <p>Given the regulatory status and separation distance of 640 feet, this site is assigned a risk rating of No.</p>

TABLE 1: CONTAMINATION SITES						
Site Number/ EDM Number	Site Name & Address	Databases/ Facility ID/ Or Other Source	Distance to Gandy Boulevard ROW	Contaminants of Concern	Risk Rating	Comments
20	<p>SHELL/CIRCLE K 4801 W GANDY BLVD</p> <p>JETSTAR TANKER SPILL 4801 W GANDY BLVD</p>	<p>8735366 8732519 ERIC_6602</p> <p>OHMIT 2022-4I-68767</p>	Adjoining north	Petroleum	Medium	<p>During site reconnaissance, this site was observed as an active Shell gas station. The pump island and tank farm were noted approximately 30 feet north of the ROW.</p> <p>The LSSI NFA Order & Notice of Remaining Contamination dated May 13, 2013 was issued for two discharges dated May 14, 1991 and August 28, 1996. The order states “groundwater monitoring has indicated that the plume is shrinking or stable,” and “no excessively contamination soil...exists on the source property.” Although no files were found on the OCULUS database for the FDEP Waste Cleanup ERIC_6602, the entire parcel is marked with the Florida Institutional Control Registry line. The Groundwater Monitoring Report dated February 19, 2013 states “2-methyl naphthalene did exceed the GCTLs in MW-6.” MW-6 was depicted 70 feet north of the ROW. See excerpts in Appendix F.</p> <p>This site is depicted on aerial photographs from 1995 to current.</p> <p>Based on imagery found on local news (Channel 13) website, a tanker truck jet fuel spill occurred on February 1, 2022. The photo depicted the spill within FDOT ROW, along the north side of Gandy Boulevard. No regulatory files were found on OCULUS. Therefore, Tierra emailed the FDEP for further information. The FDEP email dated March 31, 2022 included the FDEP Emergency Response Incident Report (Incident 2022-4I-68767), a Discharge Notification Form, and other documents. The discharge notification form states a tanker truck accident on February 1, 2022 resulted in 6,700-gallons of jet fuel being discharged to soil and a drainage canal. The incident report states the tanker truck leak was partially plugged, free product was removed and booms were placed within a nearby drainage canal. A Work Plan for Site Remediation was submitted on February 22, 2022. While other documents were provided, they were of poor quality. These documents are included in Appendix F.</p> <p>Given the active status as a retail gasoline station, a petroleum groundwater plume associated with Circle K USTs, and the Jetstar tanker spill with ongoing assessment, this site is assigned a risk rating of Medium.</p>
21 (EDM 15)	7-ELEVEN #37149 4747 W GANDY BLVD	LUST 8625042	Adjacent northeast	Petroleum	Medium	<p>During site reconnaissance, this site was observed as an active 7-Eleven gas station.</p> <p>EDM’s report states an SRCO was issued on June 27, 2014 for one unleaded gasoline discharge dated August 21, 1991. Based on an Environmental Protection Commission Hillsborough County letter dated September 3, 2021, this facility is operating in compliance.</p> <p>Given the active status as a retail gasoline station, this site is assigned a risk rating of Medium.</p>
22 (EDM 16)	CITGO-GANDY #372 4702 W GANDY BLVD	LUST/STCERC 8625651	500 feet east	Petroleum	No	<p>During site reconnaissance, this site was observed as an active Citgo gas station.</p> <p>EDM’s report states remedial action is ongoing for one diesel fuel discharge dated October 10, 1990. This discharge is eligible for cleanup in the EDI program with a score/rank of 6/8533, effective since 2009. For the heating oil discharge dated July 13, 1994, no cleanup is required. According to the routine compliance inspection dated November 14, 2019, this facility has three USTs.</p> <p>Given the separation distance of 500 feet, this site is assigned a risk rating of No.</p>

10.0 Conclusions and Recommendations

10.1 Conclusions

Based on this contamination screening evaluation, a total of twenty-two contamination sites were identified within the project limits. The following table presents a summary of the risk ratings assigned for each contamination site/facility:

Table 2: Summary of Risk Ratings – Mainline			
High	Medium	Low	No
1	5	14	2

The High rated site was a former gasoline/service station. The five Medium rated sites are active retail gasoline stations.

10.2 Recommendations

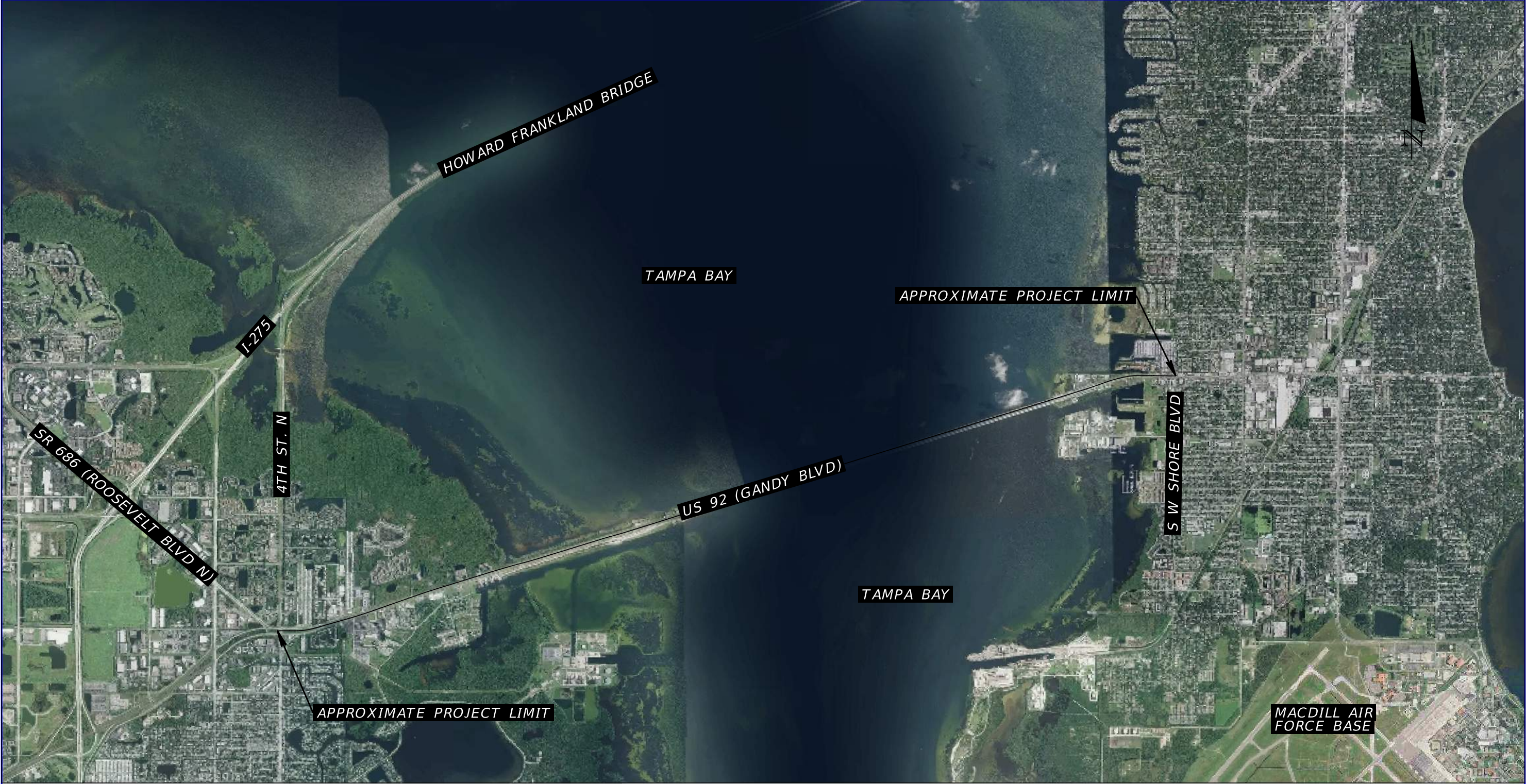
Based on the conclusions of this study and the risk ratings noted above, the following recommendations are made.

- 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 roadway construction. If the preferred alignment changes or preferred pond sites are selected, and/or new potential contamination sites have been constructed, 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.
- Further evaluation and Level II testing, if deemed appropriate by the District Contamination Impact Coordinator, is recommended for the following sites:
 - Site 3 – Mobil Whiteway #545 (High rating),
 - Site 8 – 7-Eleven #38123 (Medium rating),
 - Site 8 – Former Gasoline/Service Station (Medium rating),
 - Site 13 – RaceTrac #441 (Medium rating),
 - Site 20 – Shell/Circle K (Medium rating), and
 - Site 21 – 7-Eleven #37149 (Medium rating).
- For the High and Medium rated sites, soil and groundwater analytical testing may include TRPH by the Florida PRO method, BTEX/MTBE by United States Environmental

Protection Agency (EPA) Method 8260, and PAHs by EPA Method 8270. Detections above the regulatory standard may require additional samples for delineation purposes. An Organic Vapor Analyzer can be utilized for field screening purposes. A site survey using Ground Penetrating Radar can be useful to identify underground tank location. Level II testing costs are estimated at \$5,000 to \$10,000 per site.

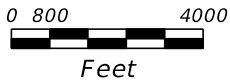
- Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the *National Pollutant Discharge Elimination System Generic Permit for Stormwater Discharges from Large and Small Construction Activities*. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area. If Level III support is needed for National Pollution Discharge Elimination System permitting and treatment, costs can reach up to \$100,000 per site.
- In accordance with Project Development and Environment Manual, Part 2, Chapter 20, an asbestos survey may be warranted for structures located within the Gandy Boulevard ROW. For parcels with building structures that might be purchased as part of the right of way acquisition, Level II Assessment should include review of building interiors, if possible.
- During construction, for unidentified areas of contamination not identified in this report, if abnormal conditions are encountered or exposed indicating the presence of contaminated materials, cease operations immediately in the vicinity and notify the Engineer, and the County's designated representative. The presence of tanks or barrels; discolored earth, metal, wood, ground water, etc.; visible fumes; abnormal odors; excessively hot earth; smoke; or other conditions that appear abnormal may indicate the presence of contaminated materials and must be treated with extreme caution. These unidentified contamination areas should be managed in accordance with FDOT Specification 120-1.2 Unidentified Areas of Contamination.

APPENDIX A PROJECT LOCATION MAP AND CONTAMINATION SITES MAP

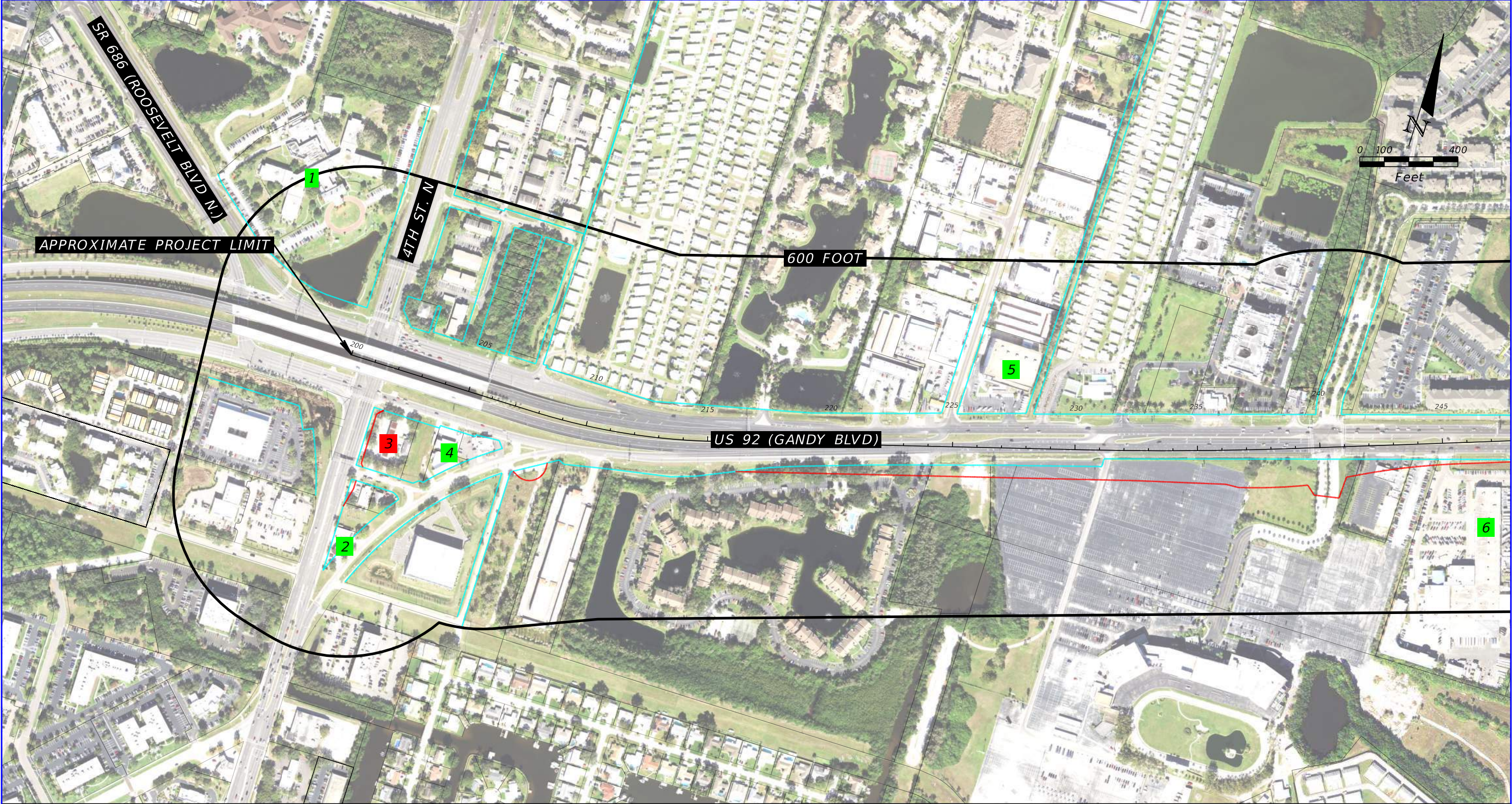


PROJECT LOCATION MAP

SOURCE: FDOT SURVEY AND MAPPING DATED 2017



REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. A-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



POTENTIAL CONTAMINATION SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2020

- EXISTING RIGHT OF WAY

PROPOSED RIGHT OF WAY

PARCEL LINES
- SITE NO.

GREEN = NO/LOW RISK SITES

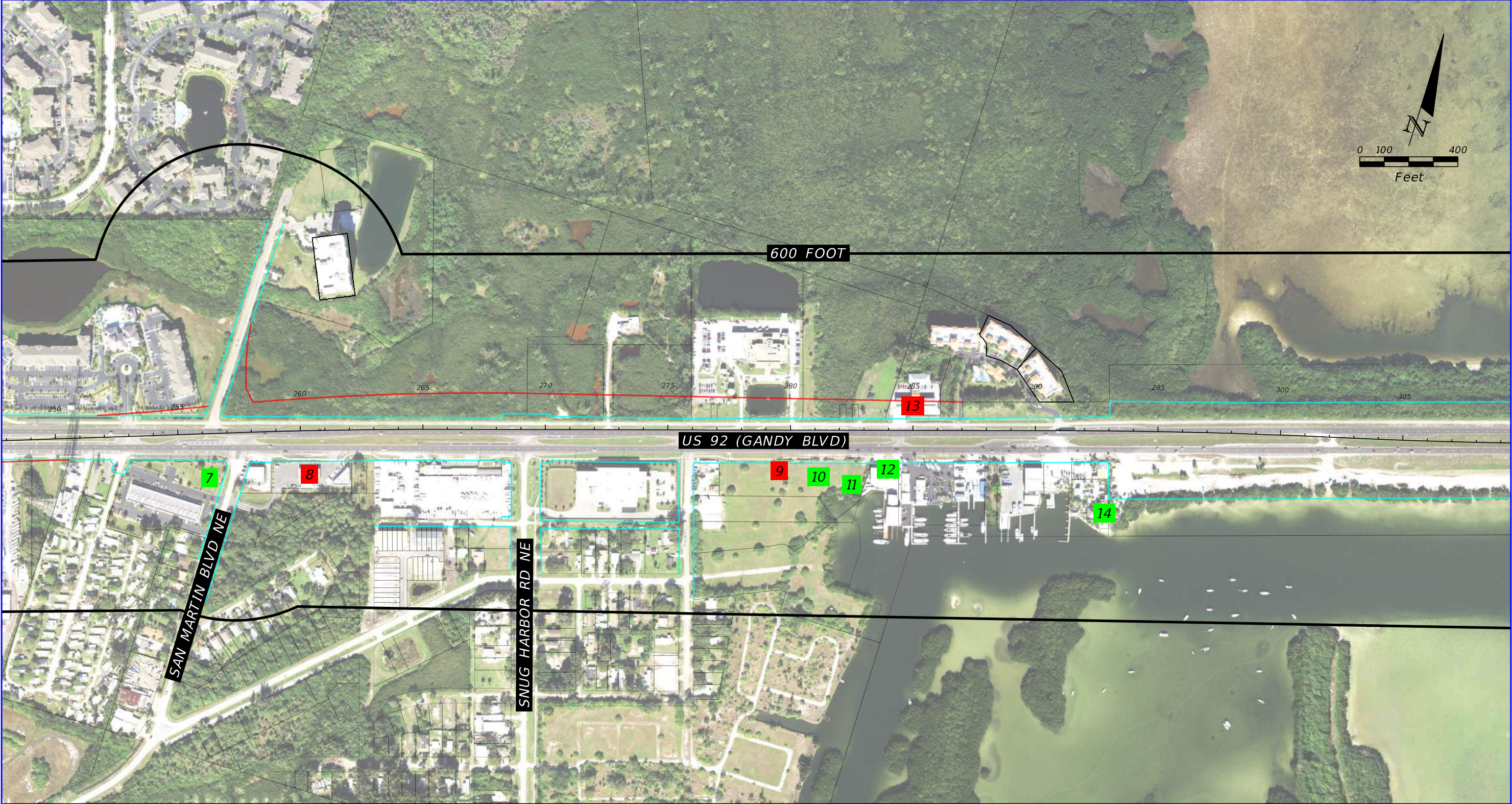
SITE NO.

RED = HIGH/MEDIUM RISK SITES

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. A-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

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J:\6511\2019 Files\6511-19-265 Gandy SWAT\Microstation\PD&E\rdgeoEnvPotContam01.dgn



POTENTIAL CONTAMINATION SITES

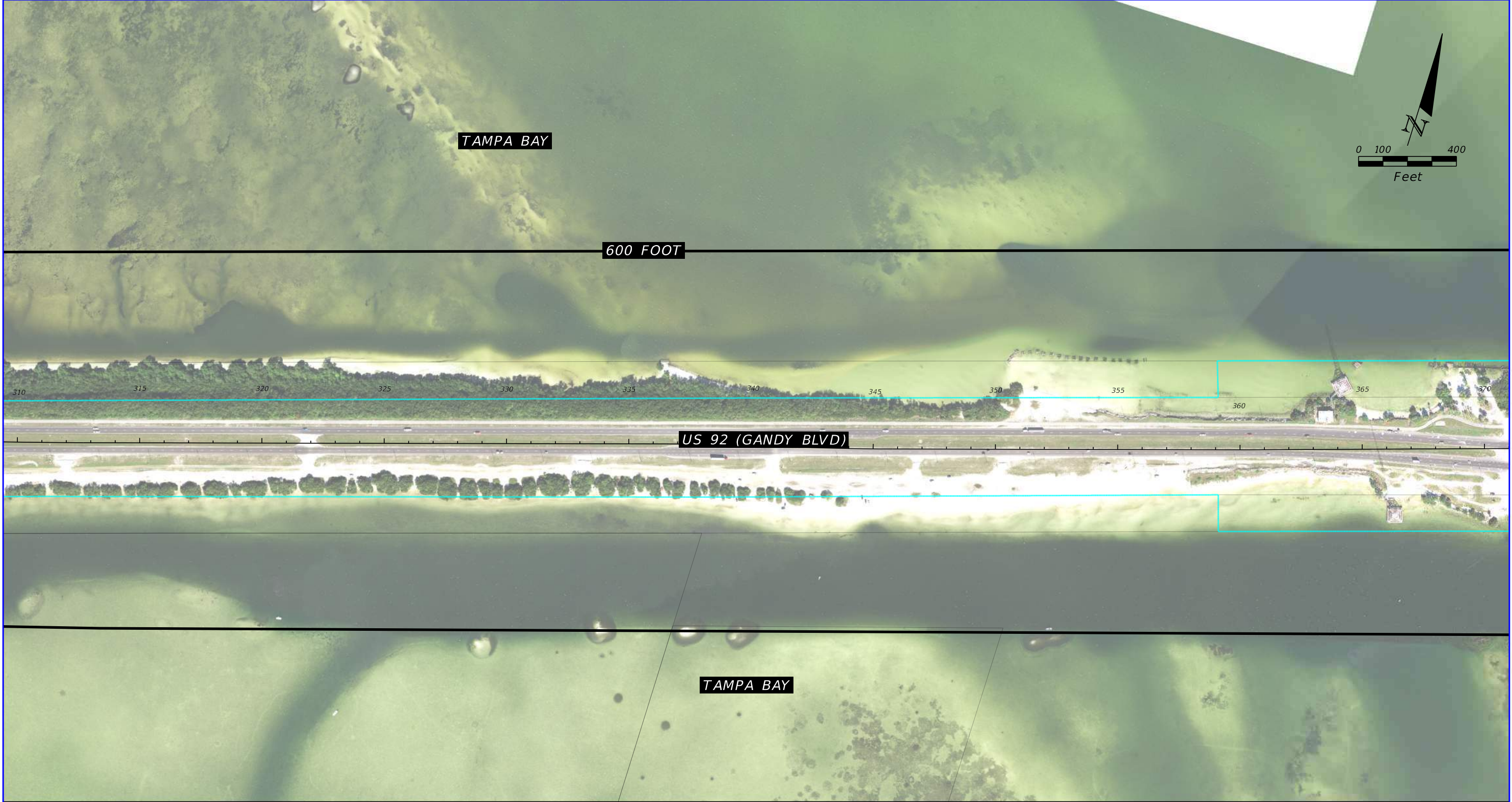
SOURCE: FDOT SURVEY AND MAPPING DATED 2020

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PARCEL LINES
- SITE NO.

GREEN = NO/LOW RISK SITES
- SITE NO.

RED = HIGH/MEDIUM RISK SITES

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. A-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PARCEL LINES
- SITE NO.

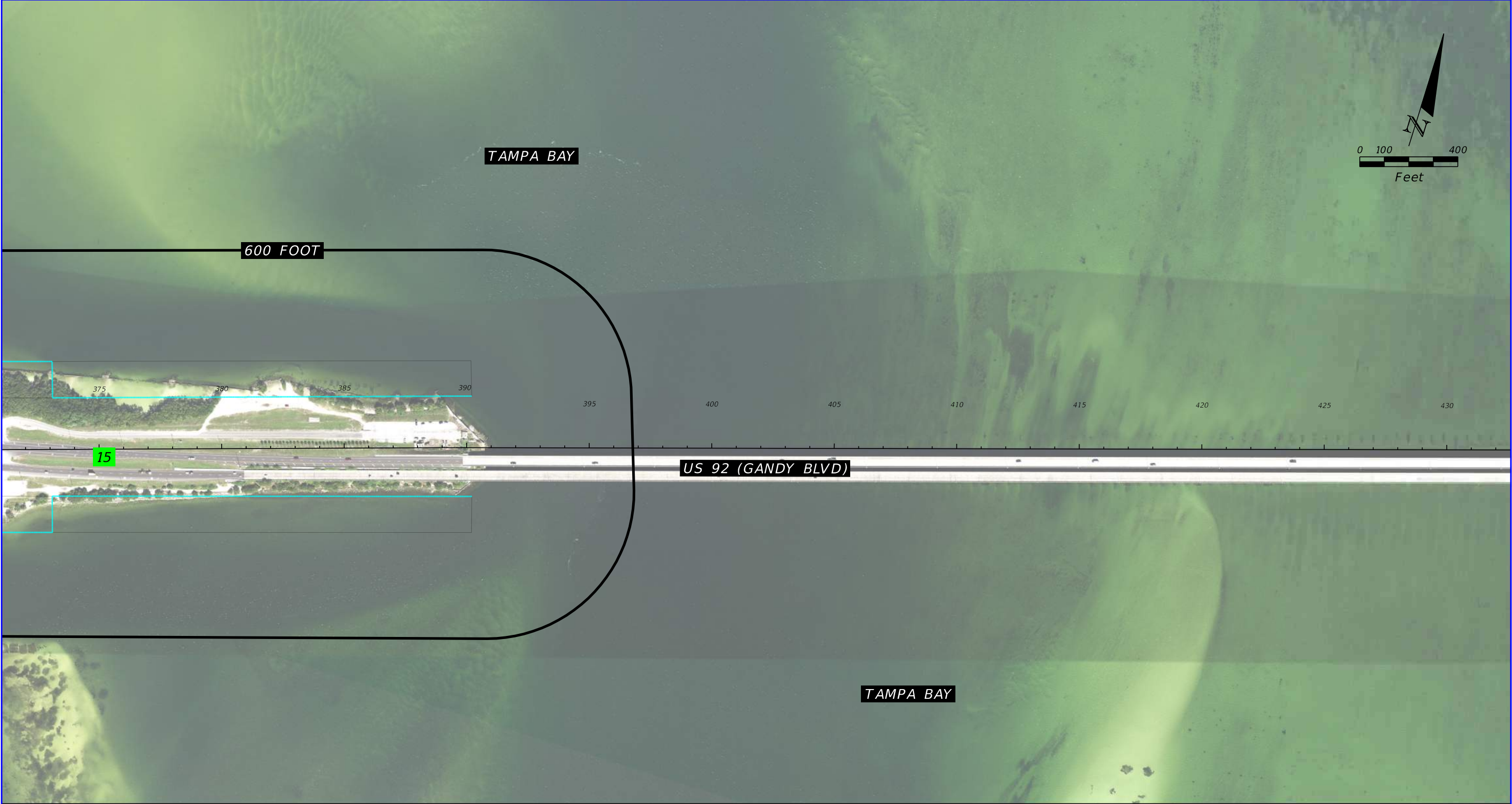
GREEN = NO/LOW RISK SITES
- SITE NO.

RED = HIGH/MEDIUM RISK SITES

POTENTIAL CONTAMINATION SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2020

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. A-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PARCEL LINES
- SITE NO.

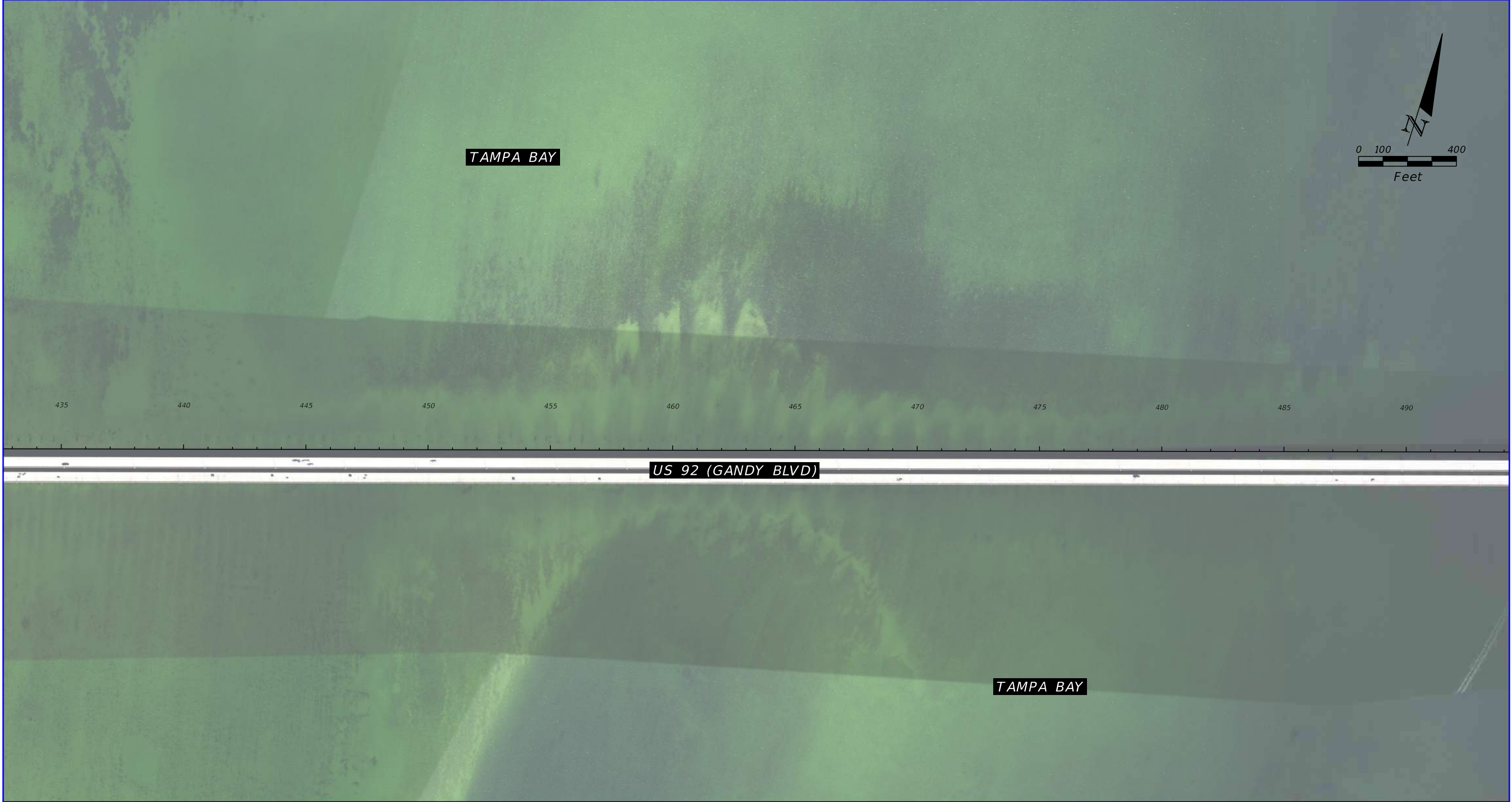
GREEN = NO/LOW RISK SITES
- SITE NO.

RED = HIGH/MEDIUM RISK SITES

POTENTIAL CONTAMINATION SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2020

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		A-5
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PARCEL LINES
- SITE NO.

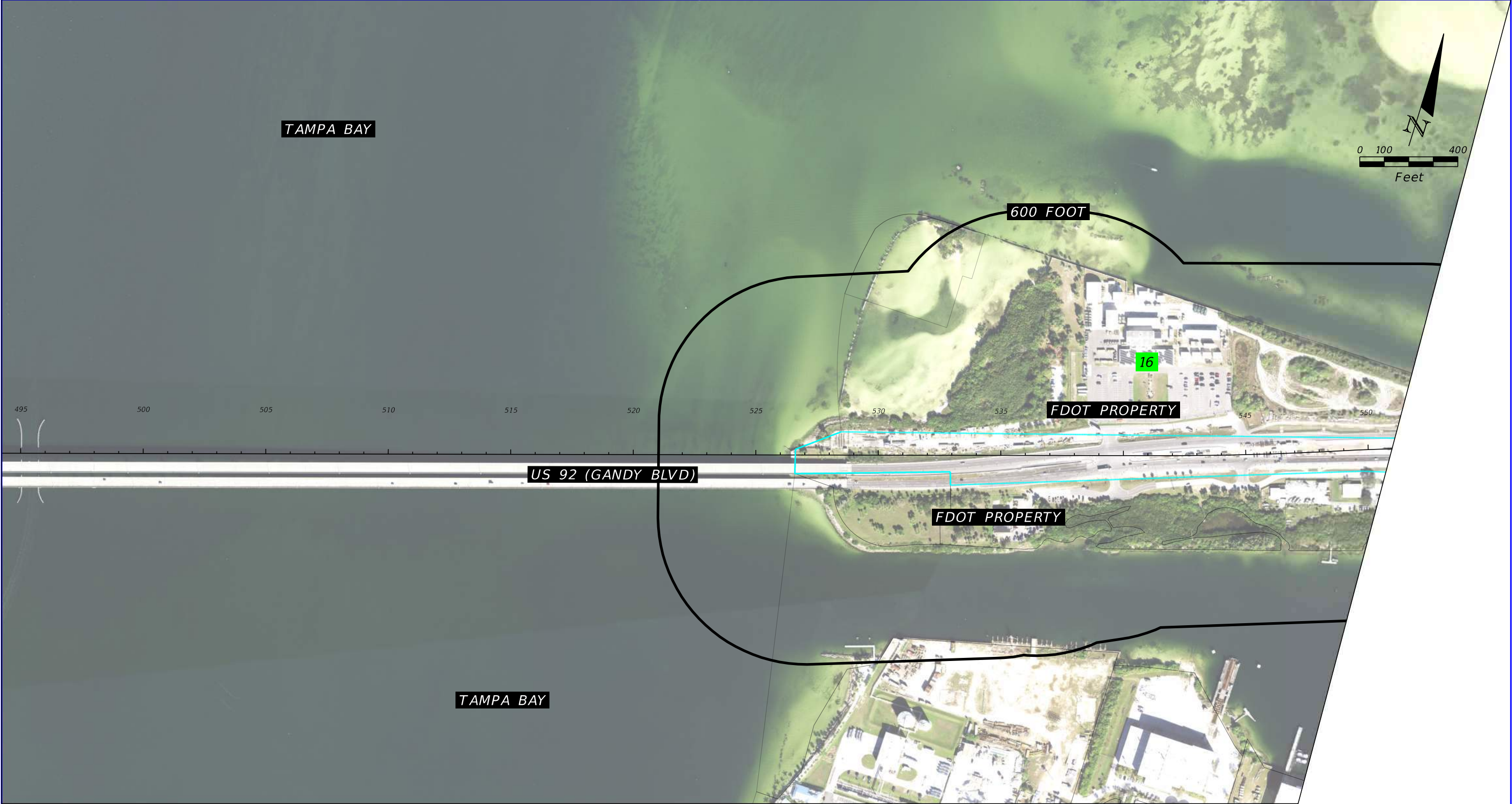
GREEN = NO/LOW RISK SITES
- SITE NO.

RED = HIGH/MEDIUM RISK SITES

POTENTIAL CONTAMINATION SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2020

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



POTENTIAL CONTAMINATION SITES

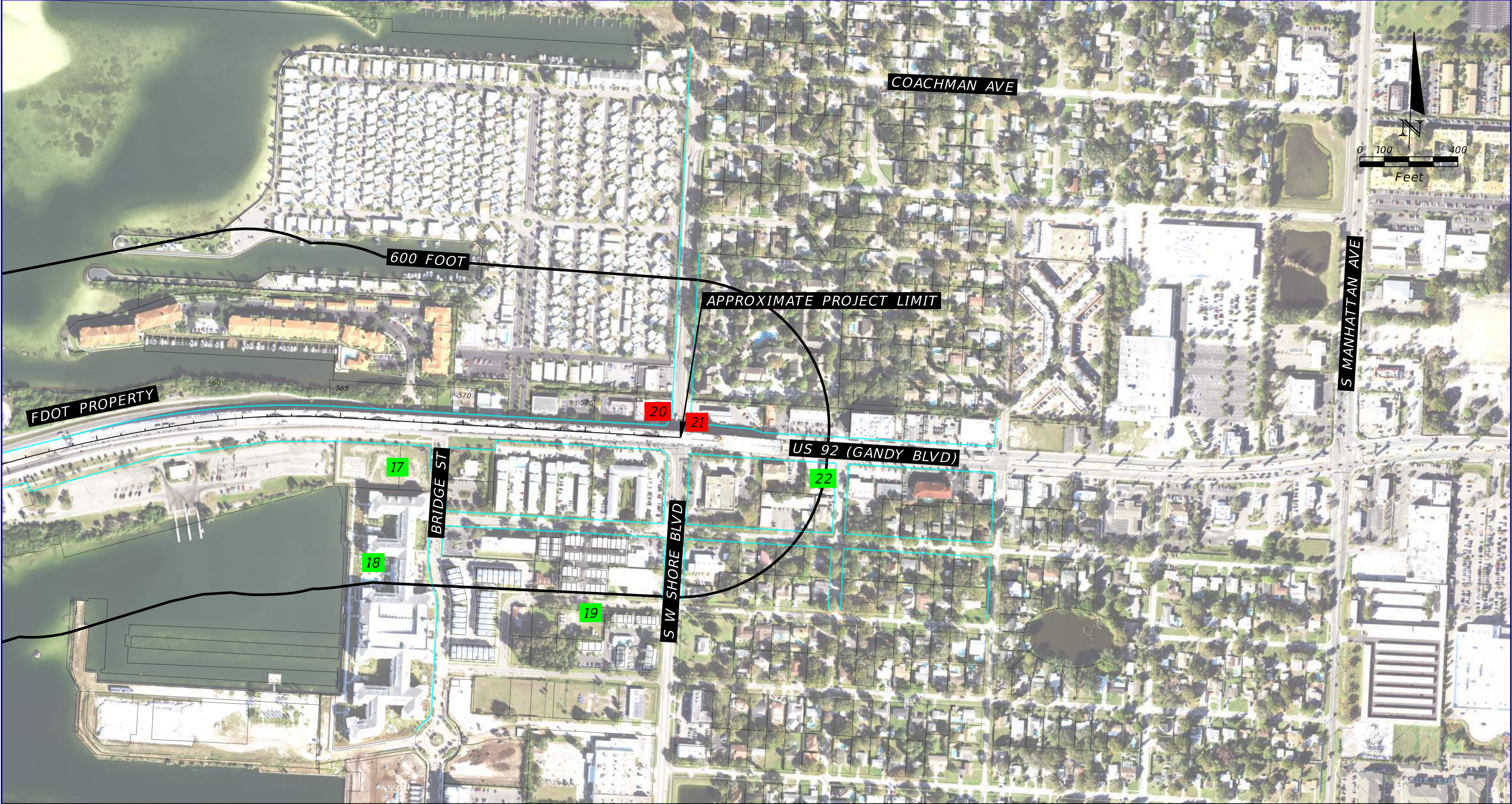
SOURCE: FDOT SURVEY AND MAPPING DATED 2020

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PARCEL LINES
- SITE NO. 16

GREEN = NO/LOW RISK SITES
- SITE NO. 16

RED = HIGH/MEDIUM RISK SITES

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. A-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



POTENTIAL CONTAMINATION SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2020

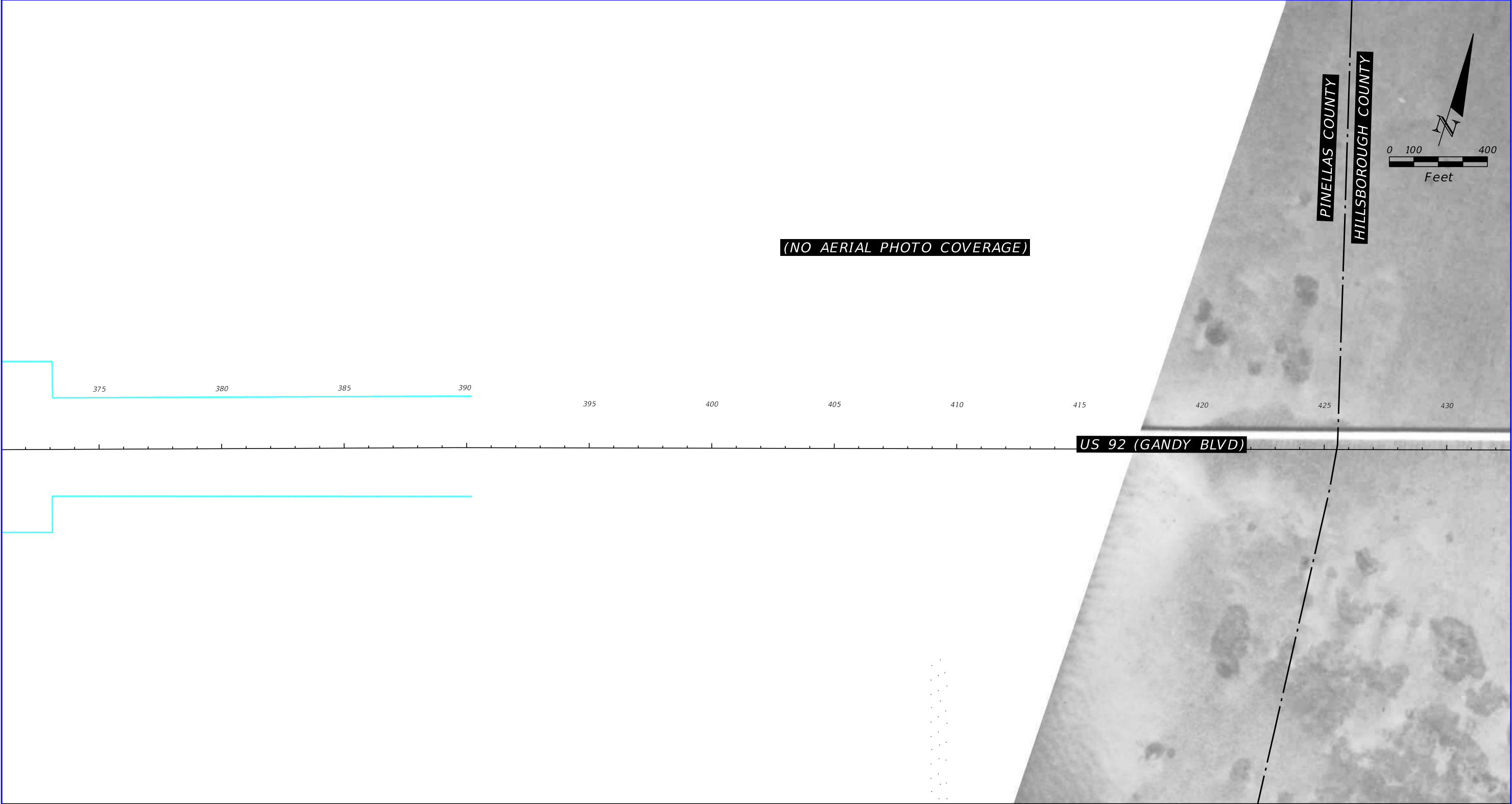
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PARCEL LINES
- SITE NO.

GREEN = NO/LOW RISK SITES
- SITE NO.

RED = HIGH/MEDIUM RISK SITES

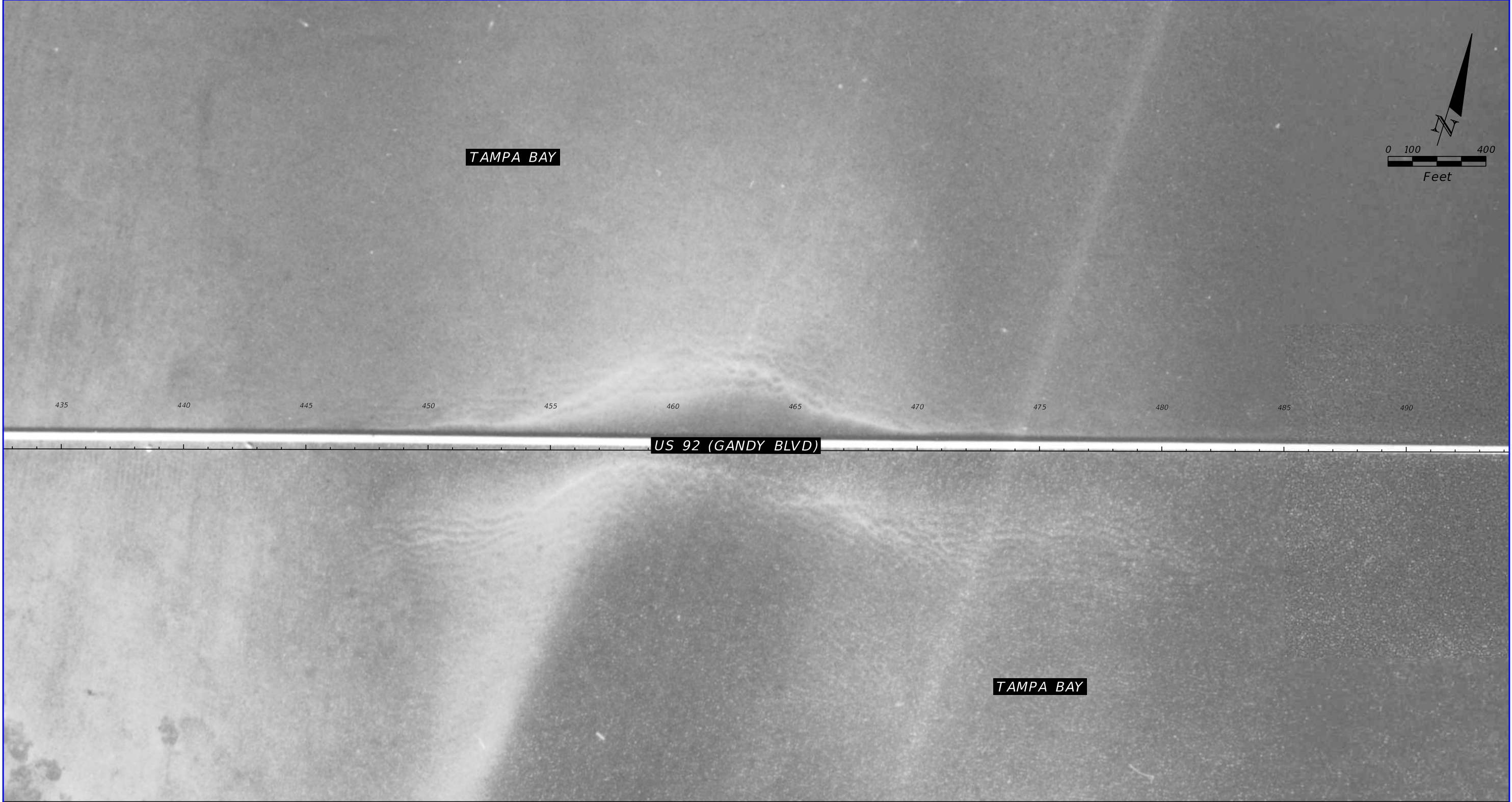
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

APPENDIX B HISTORICAL AERIAL PHOTOGRAPHS



1938 HISTORICAL AERIAL PHOTOGRAPH SOURCE: UNIVERSITY OF FLORIDA

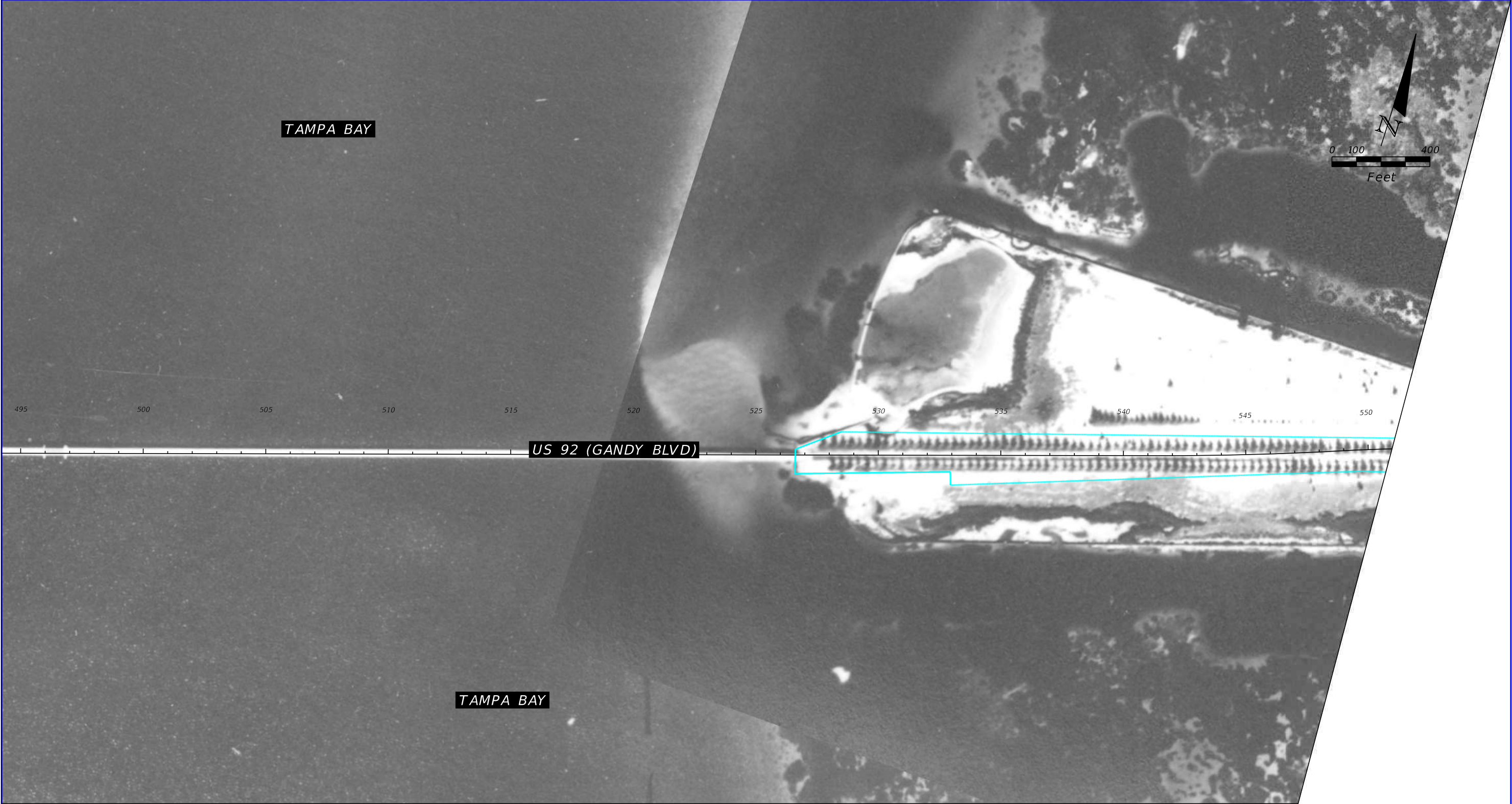
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01	B-1	



1938 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1938 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01	B-3	



1938 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

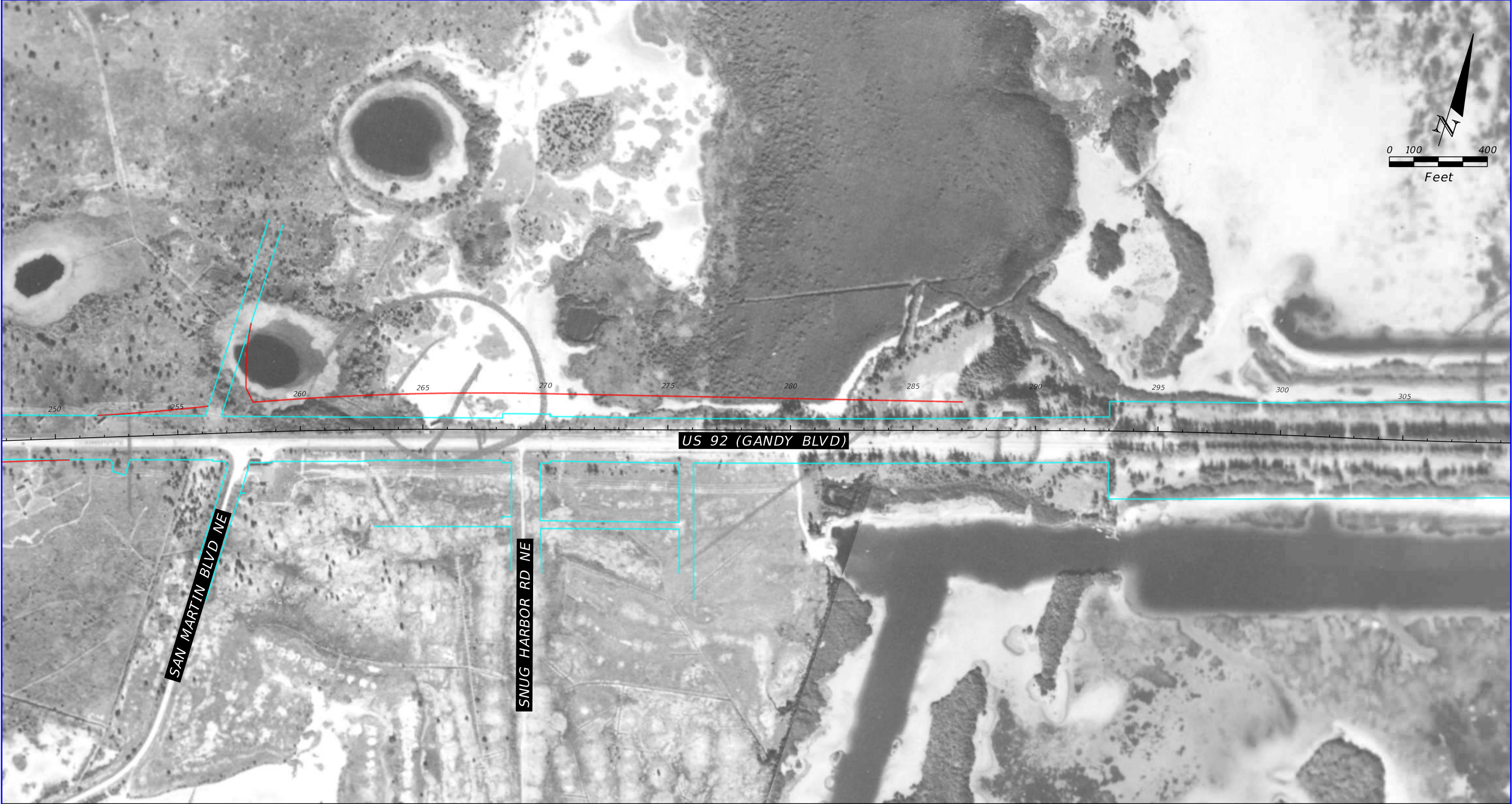
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-4
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1943 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

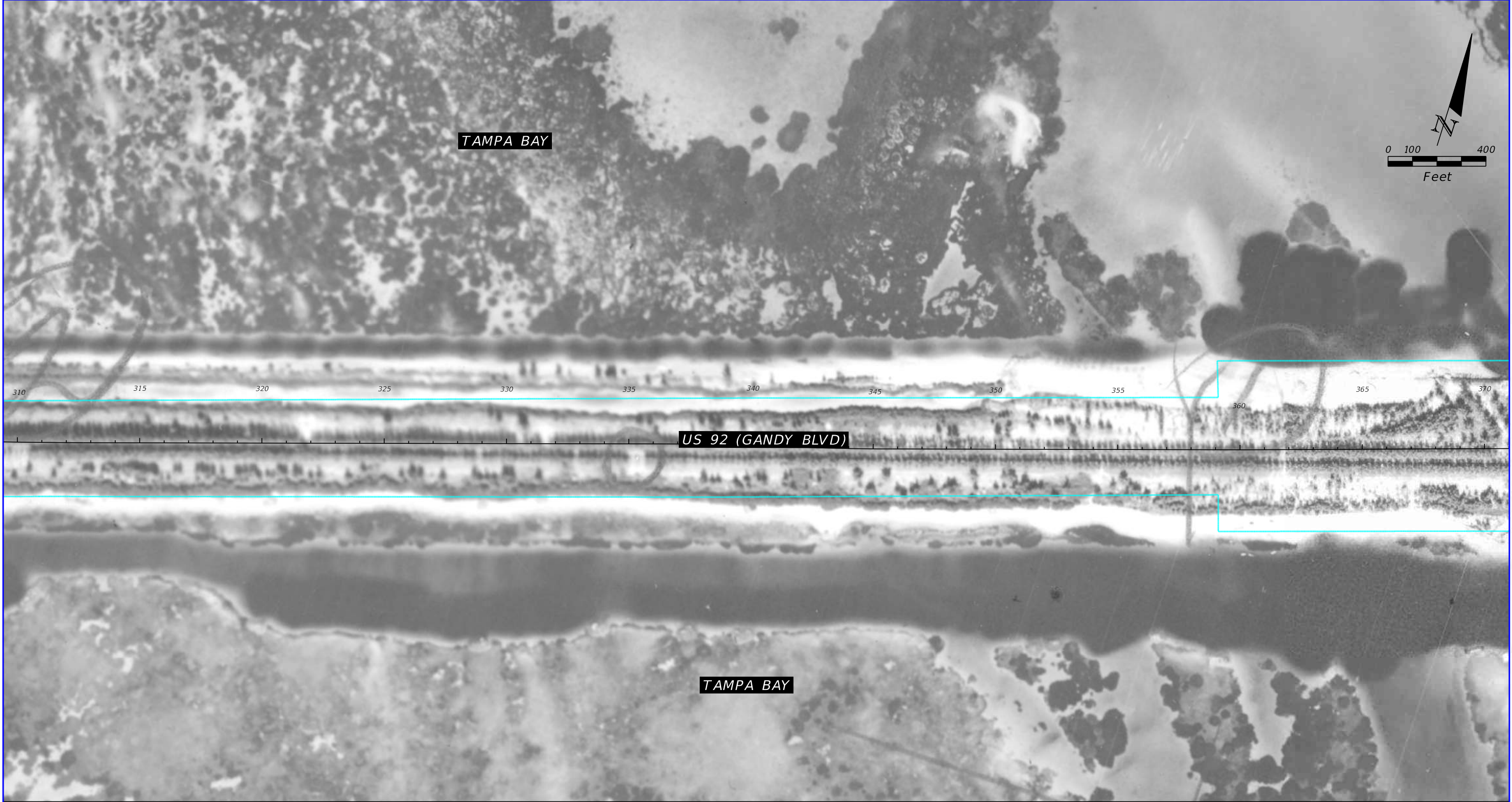
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



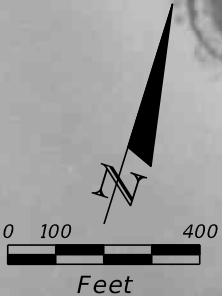
1943 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



TAMPA BAY



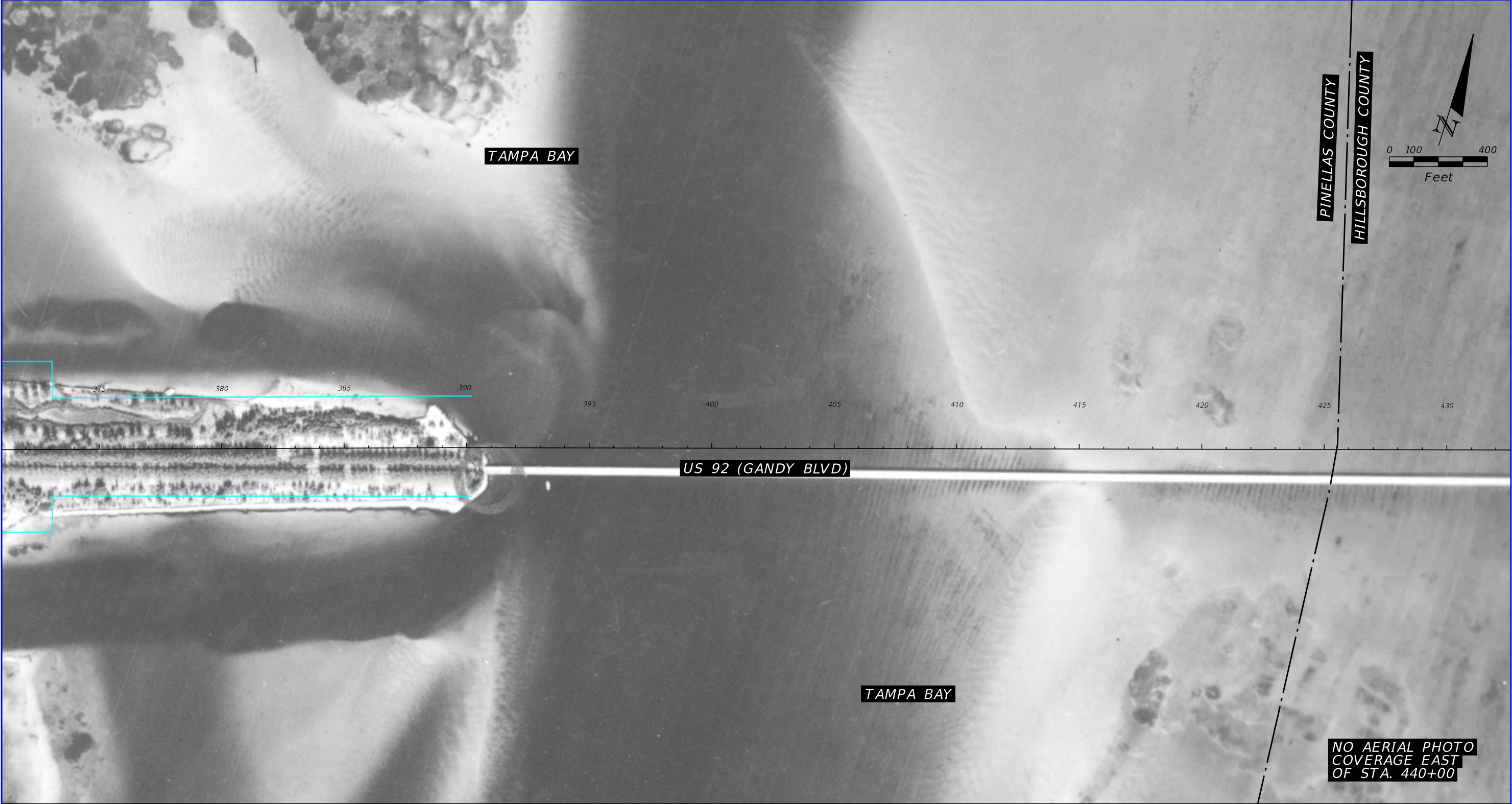
US 92 (GANDY BLVD)

TAMPA BAY

1943 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

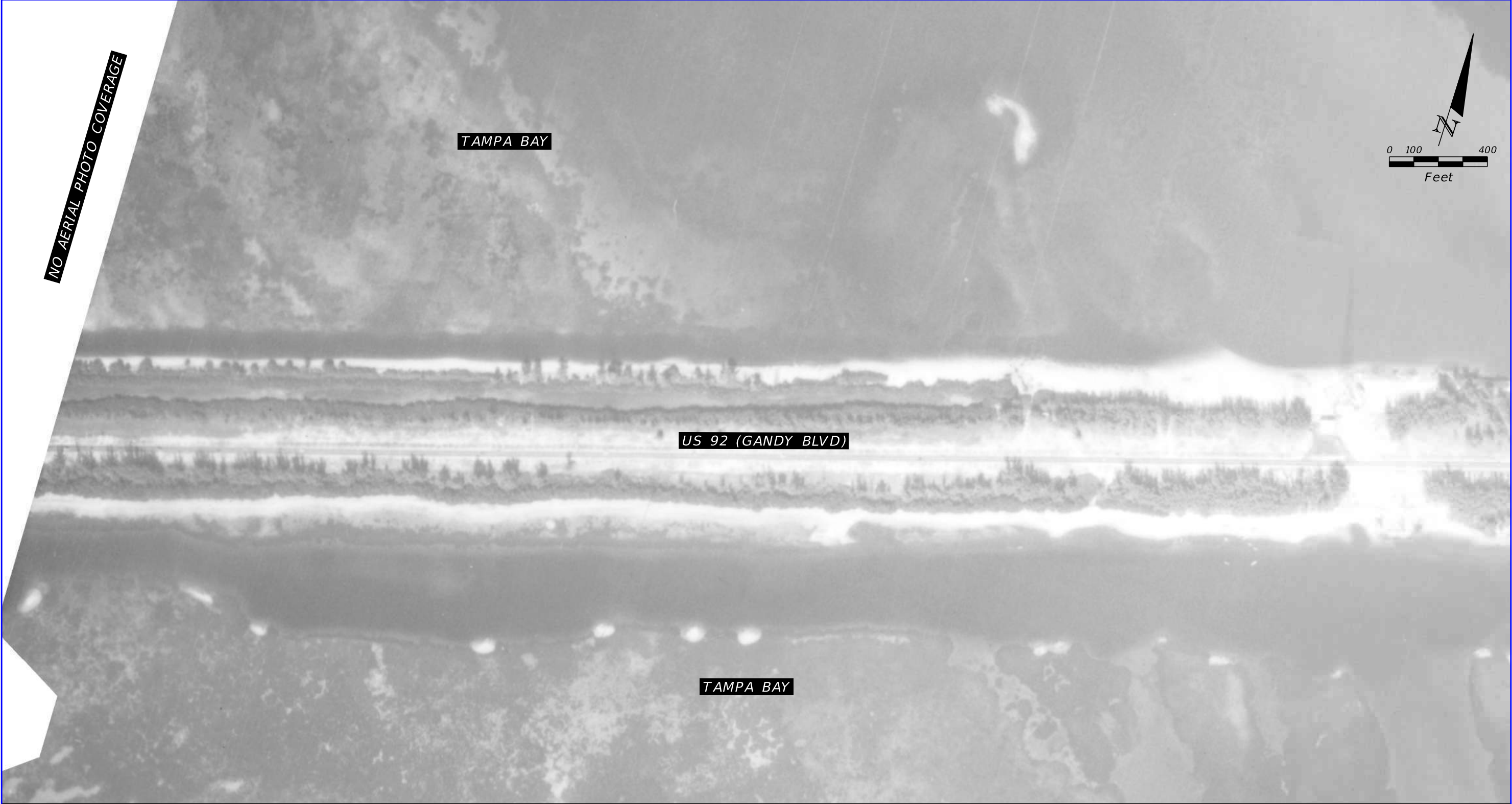
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1943 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

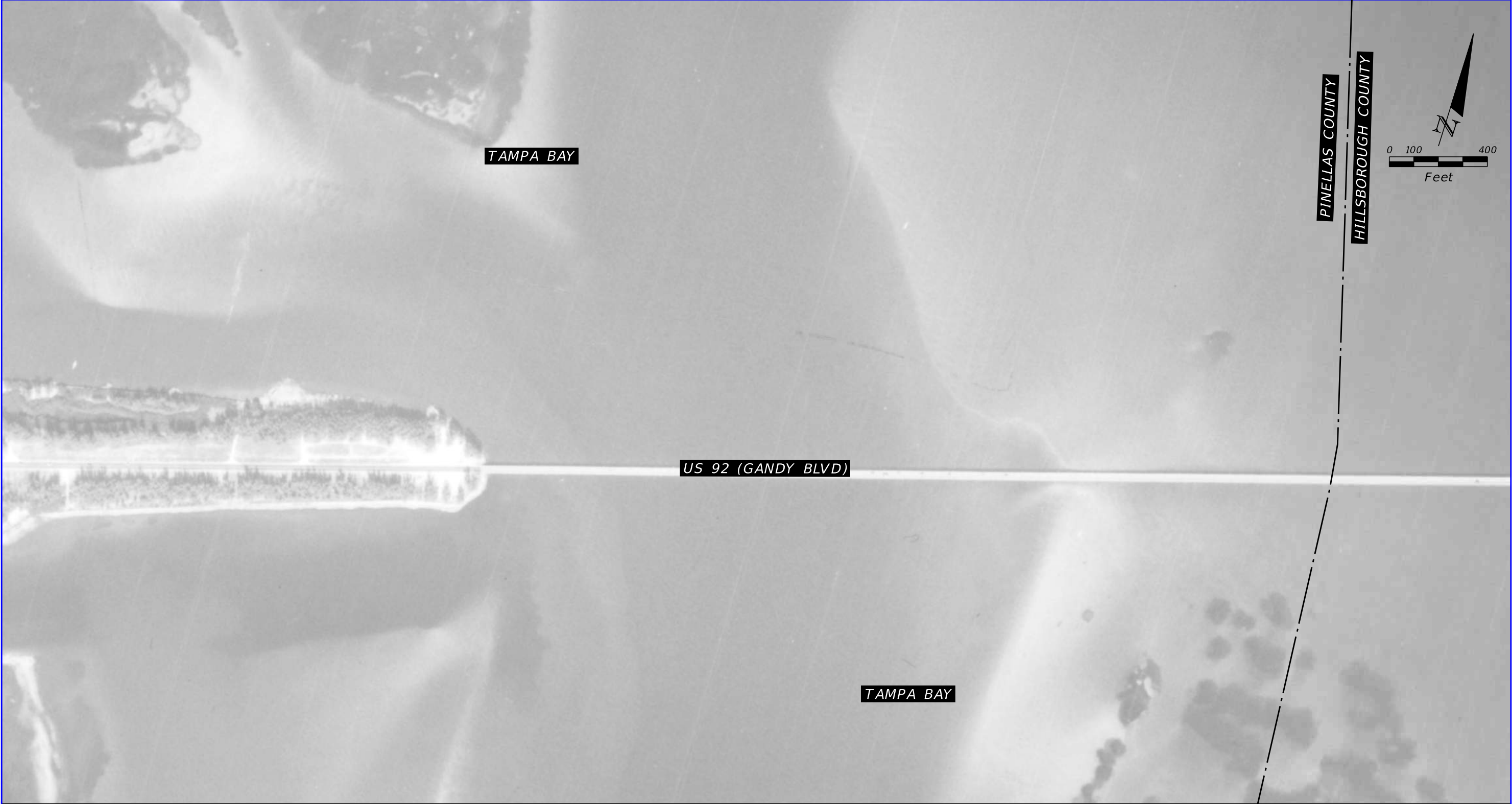
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1951 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

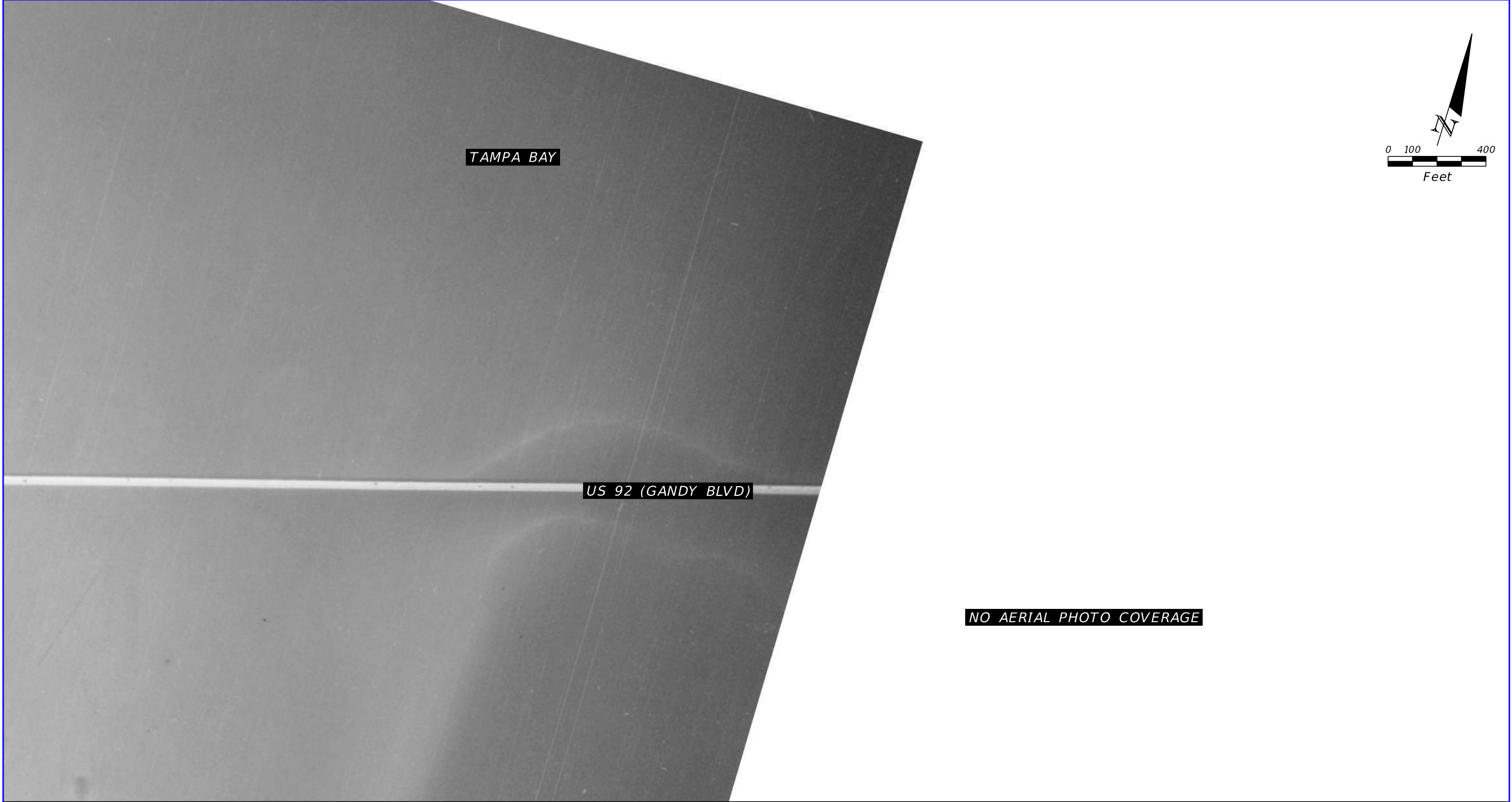
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1951 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1951 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1952 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

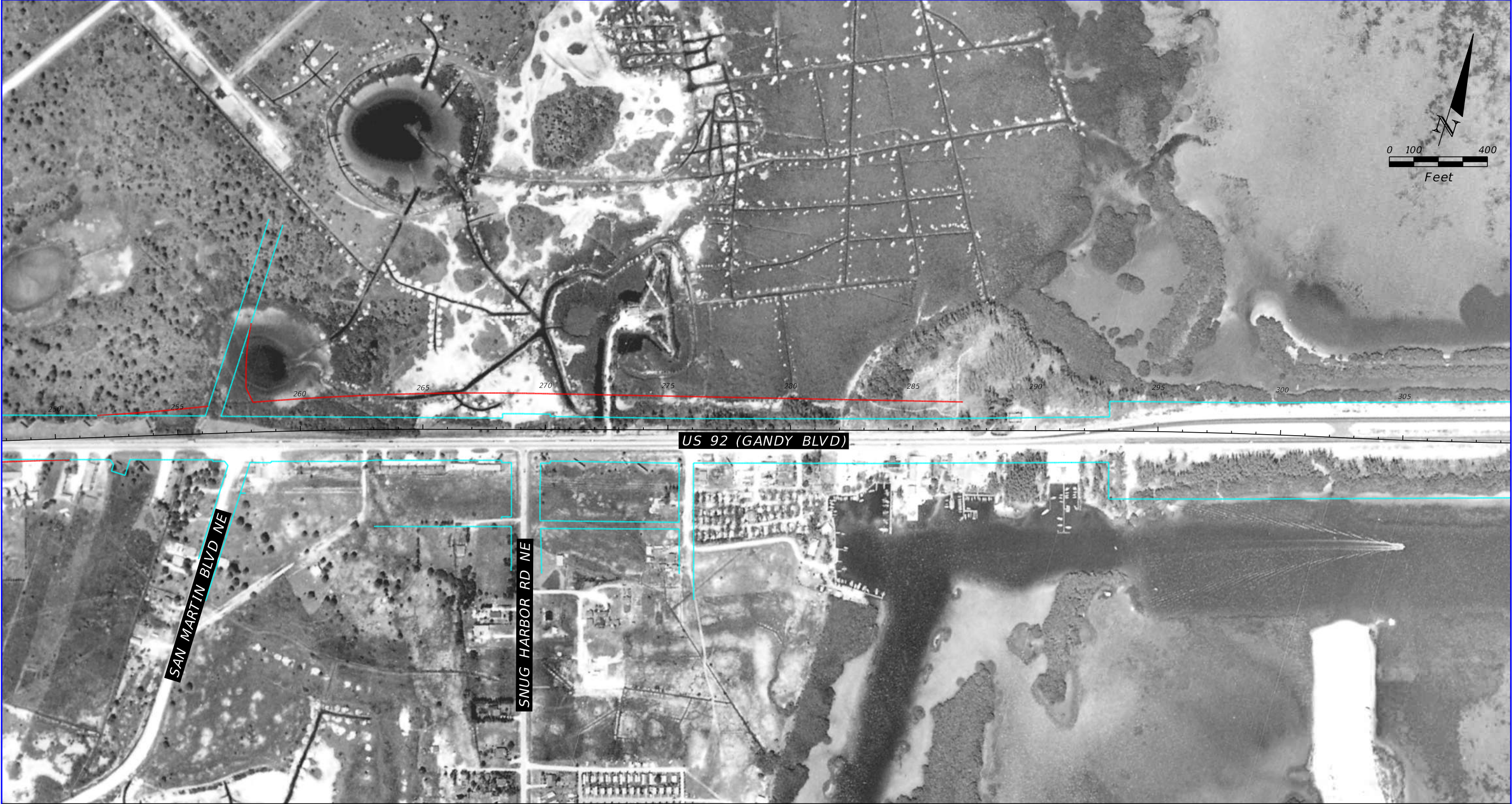
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

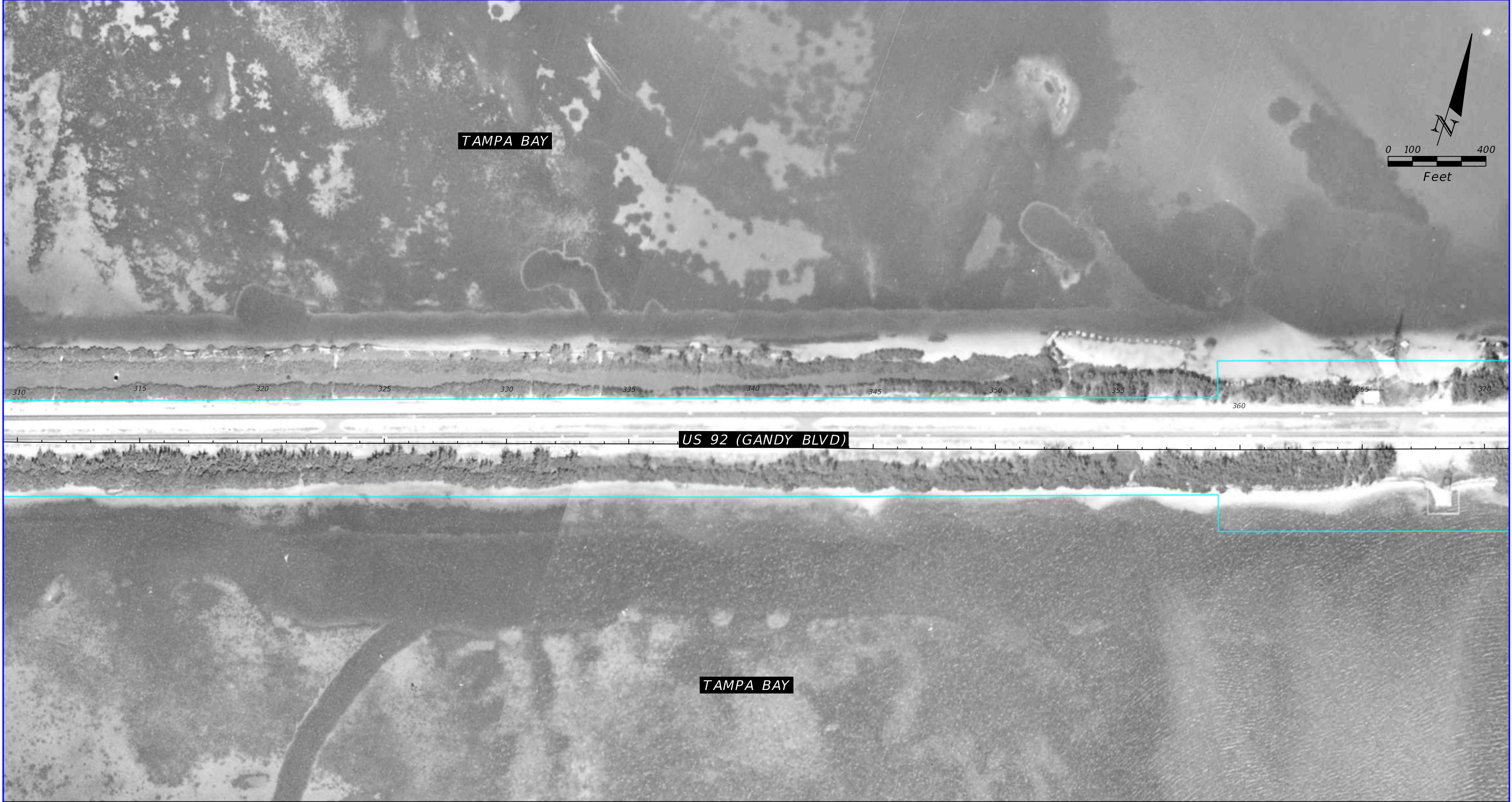
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

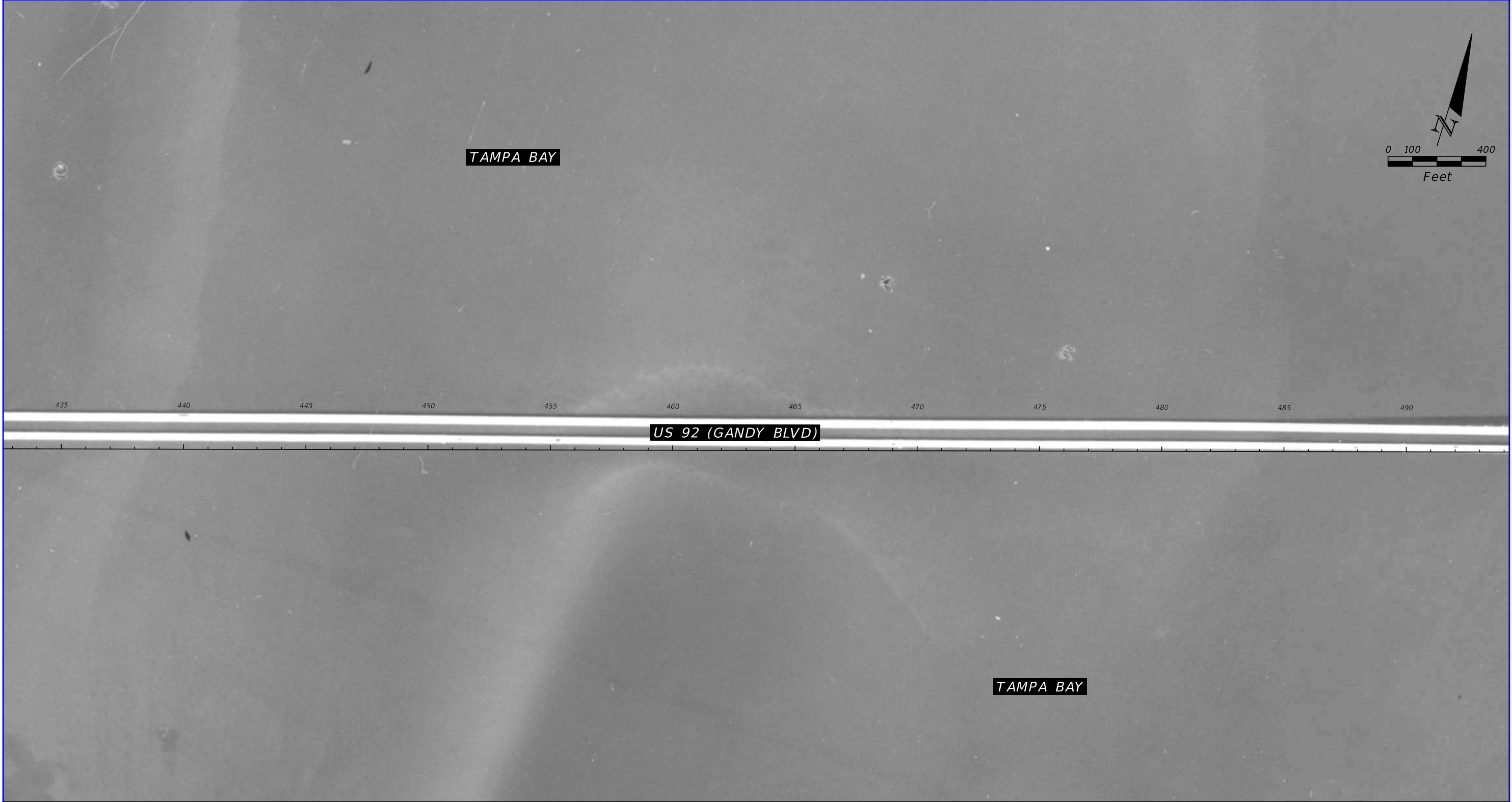
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

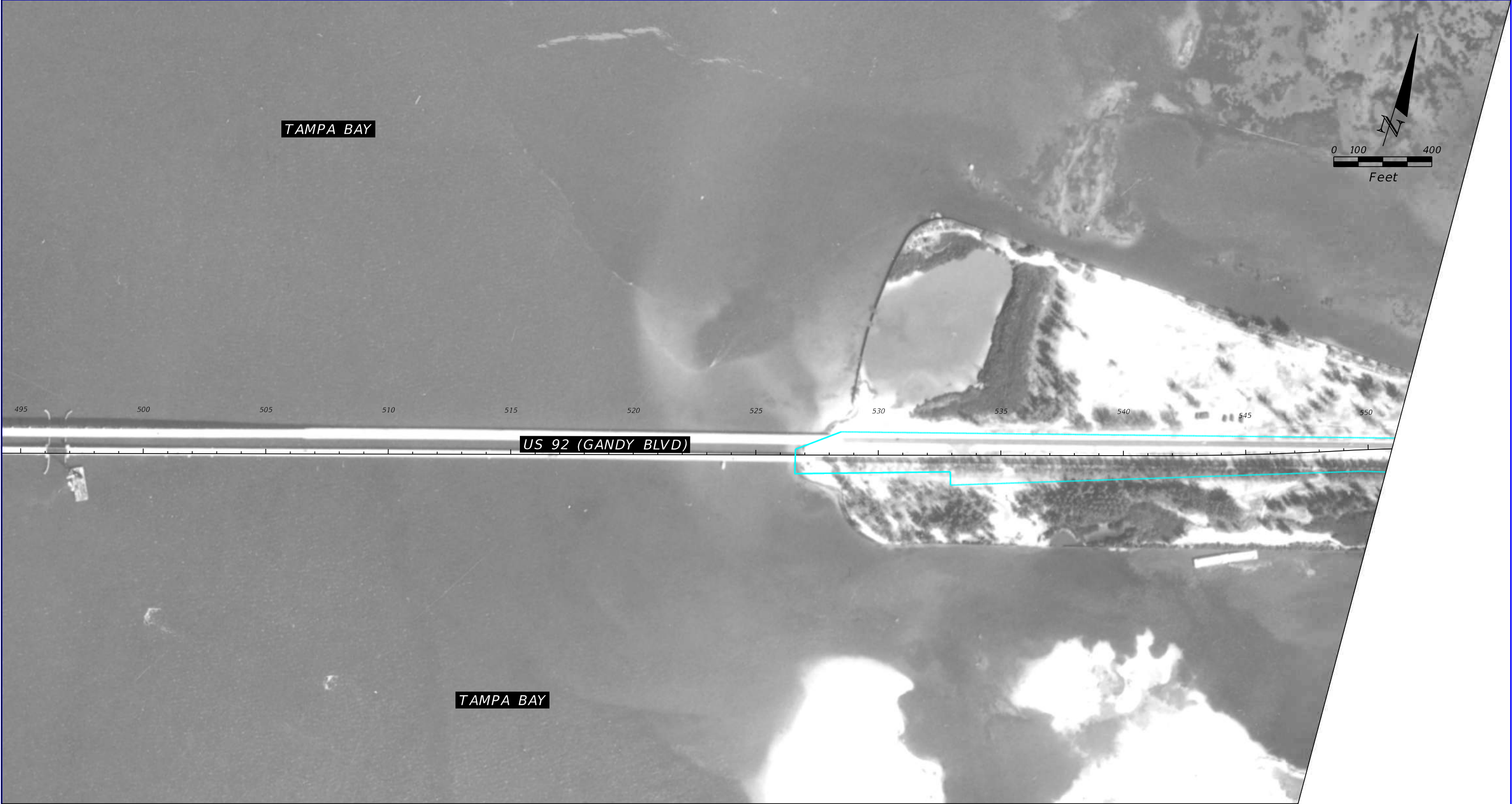
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

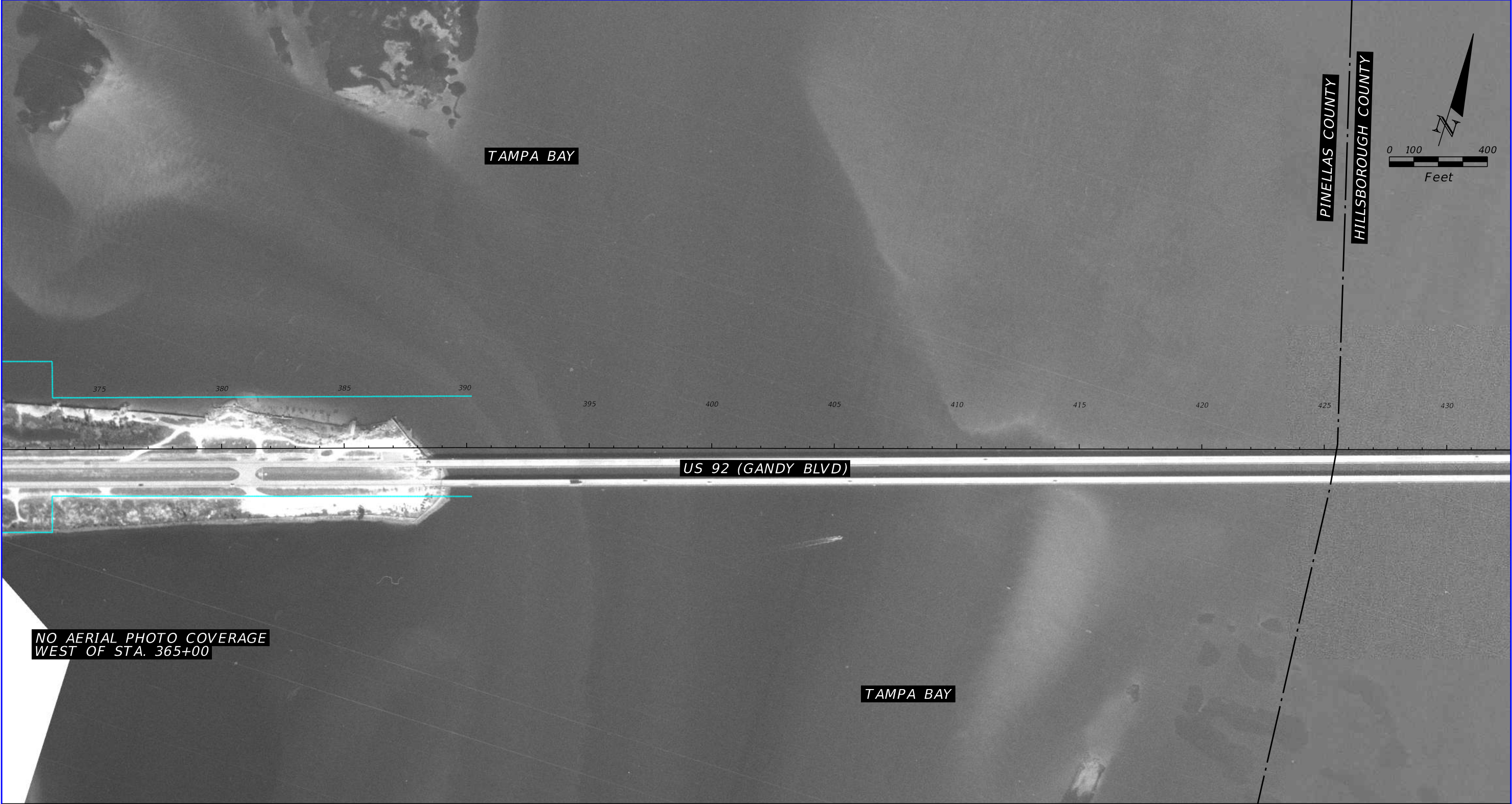
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01	B-18	



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

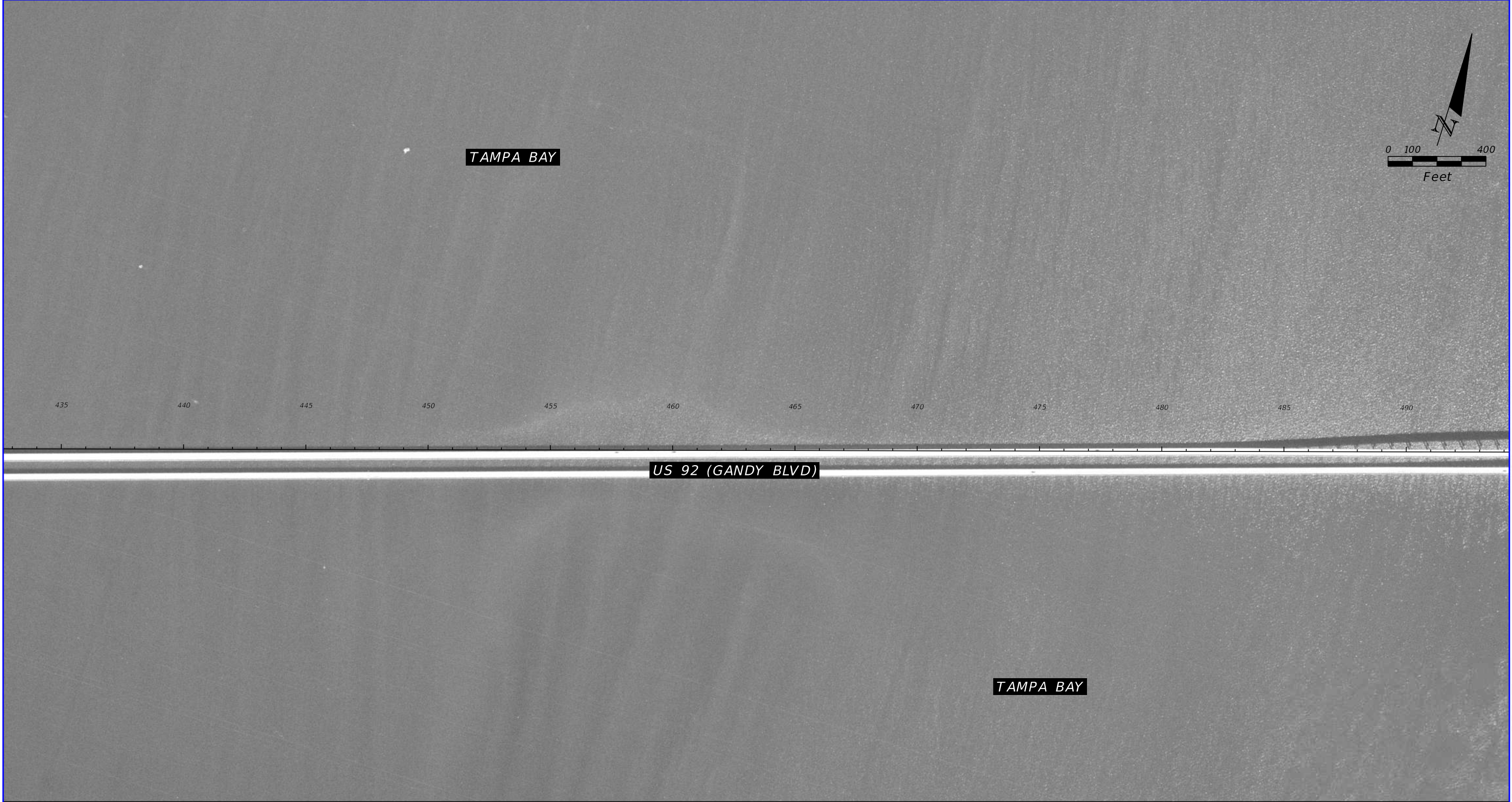
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1965 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1965 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

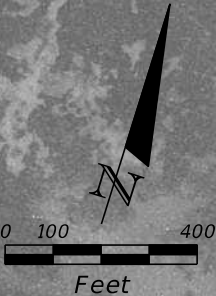
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		
									B-21



TAMPA BAY

TAMPA BAY

US 92 (GANDY BLVD)

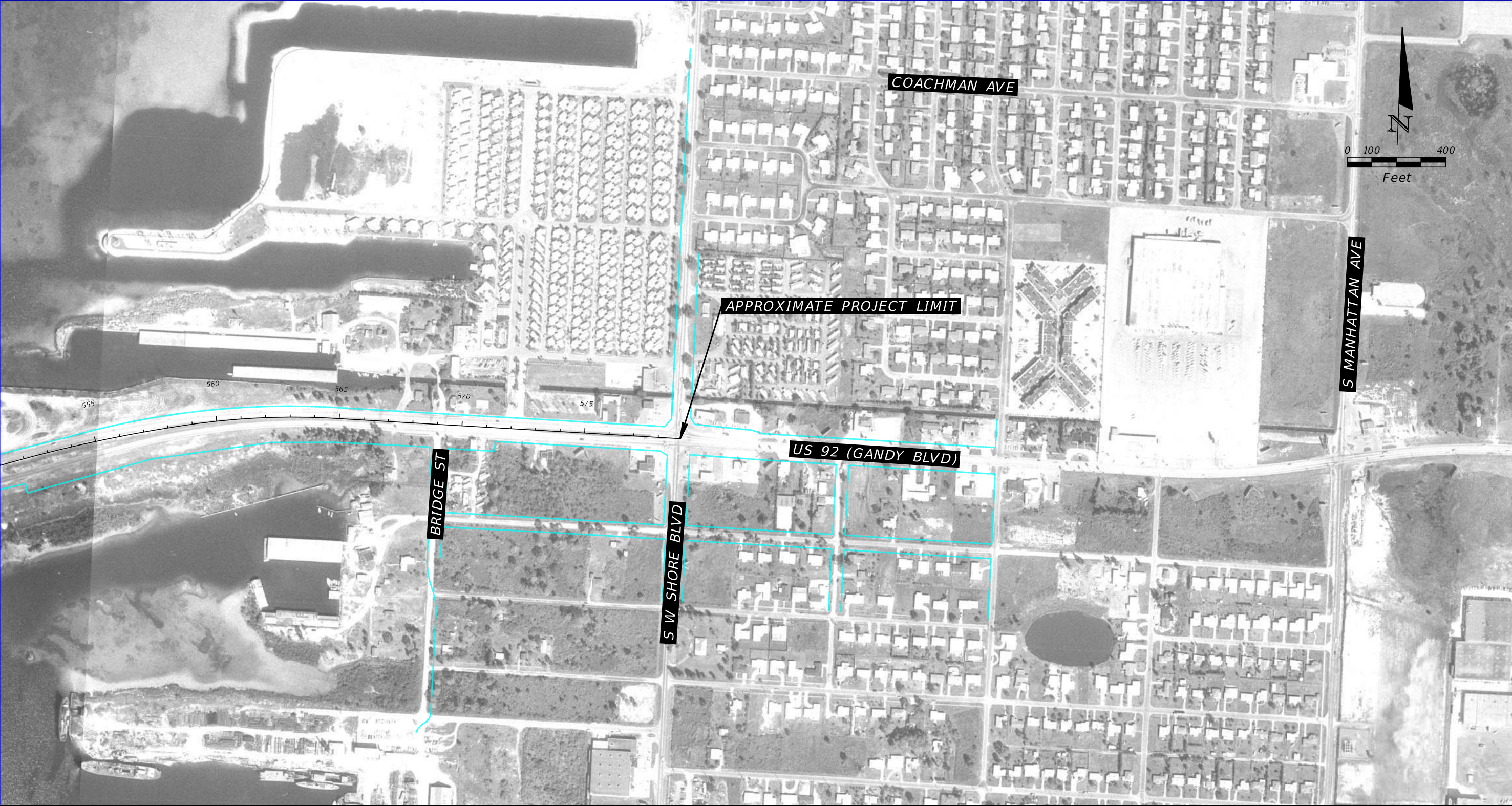


495 500 505 510 515 520 525 530 535 540 545 550

1965 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1965 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

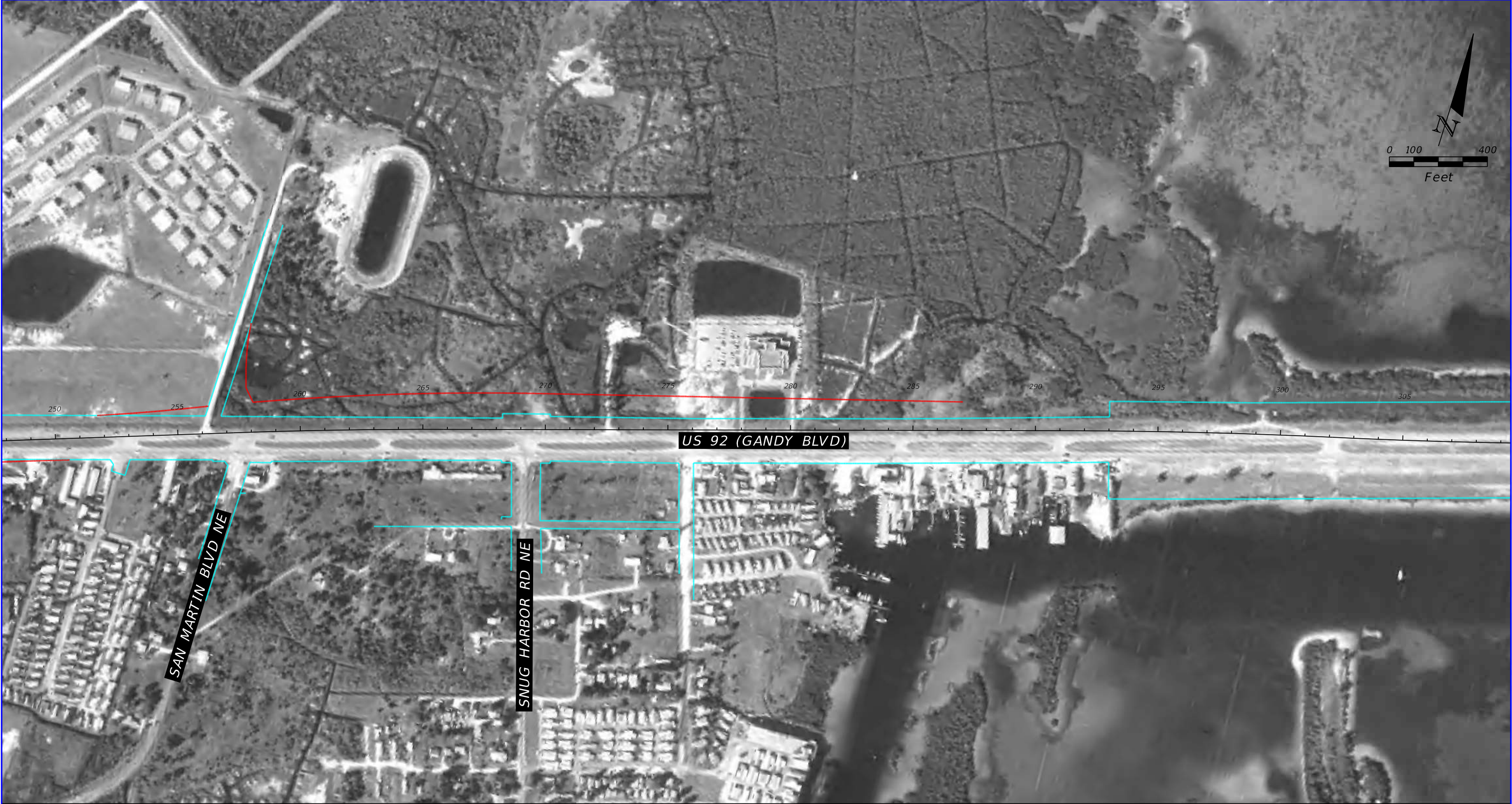
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1970 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



US 92 (GANDY BLVD)

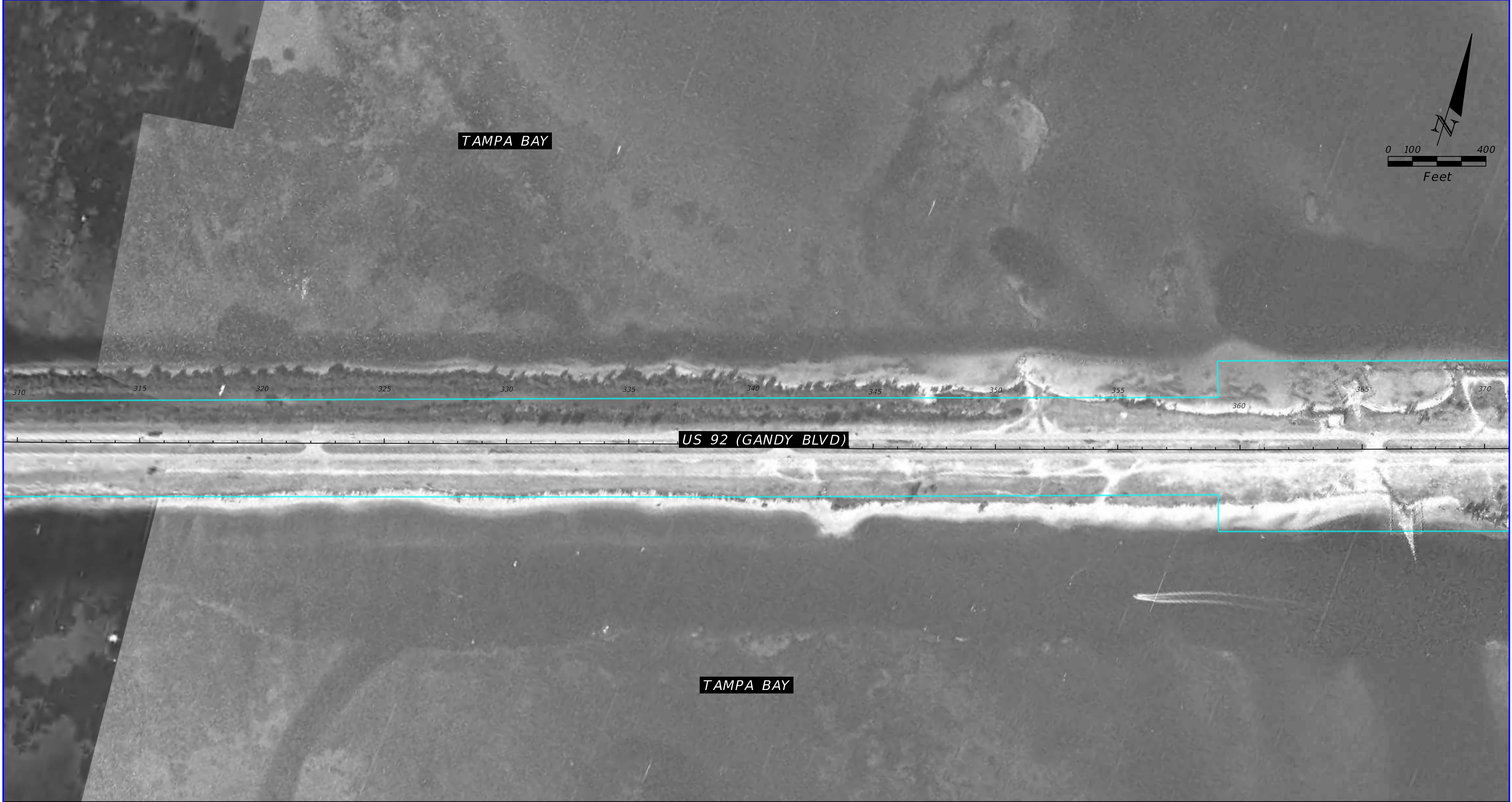
SAN MARTIN BLVD NE

SNUG HARBOR RD NE

1970 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

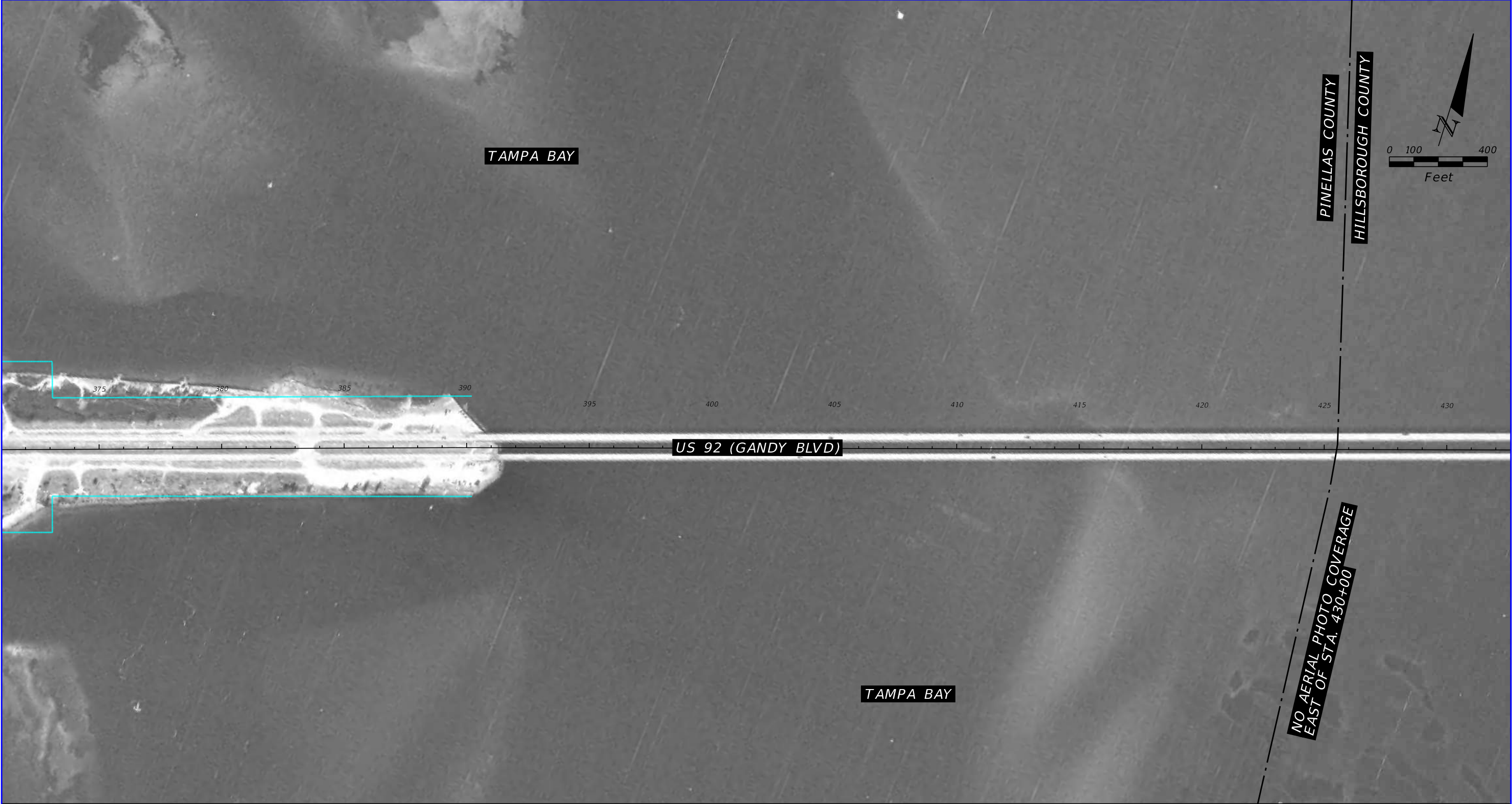
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1970 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-26
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1970 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

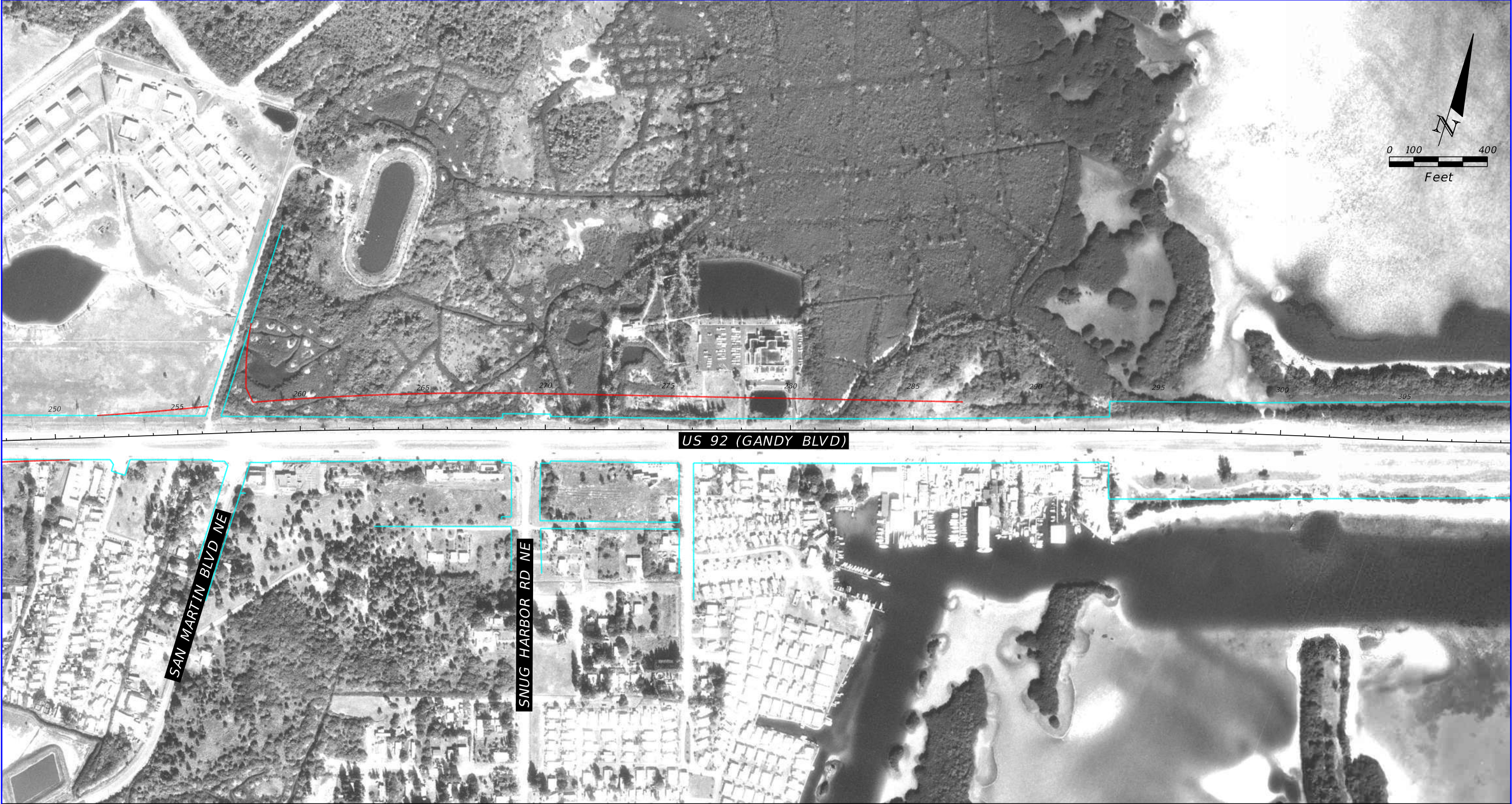
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

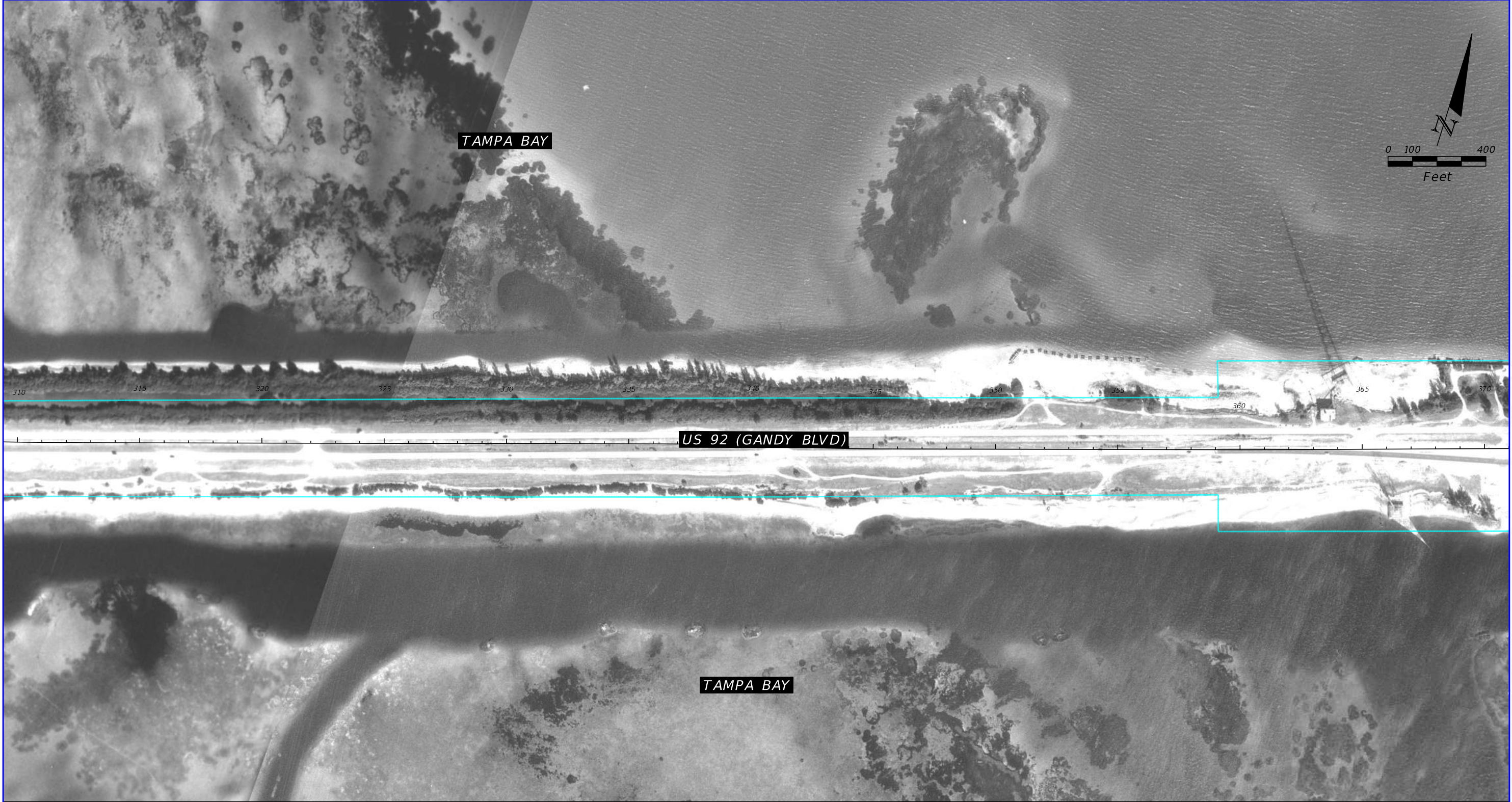
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-29
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

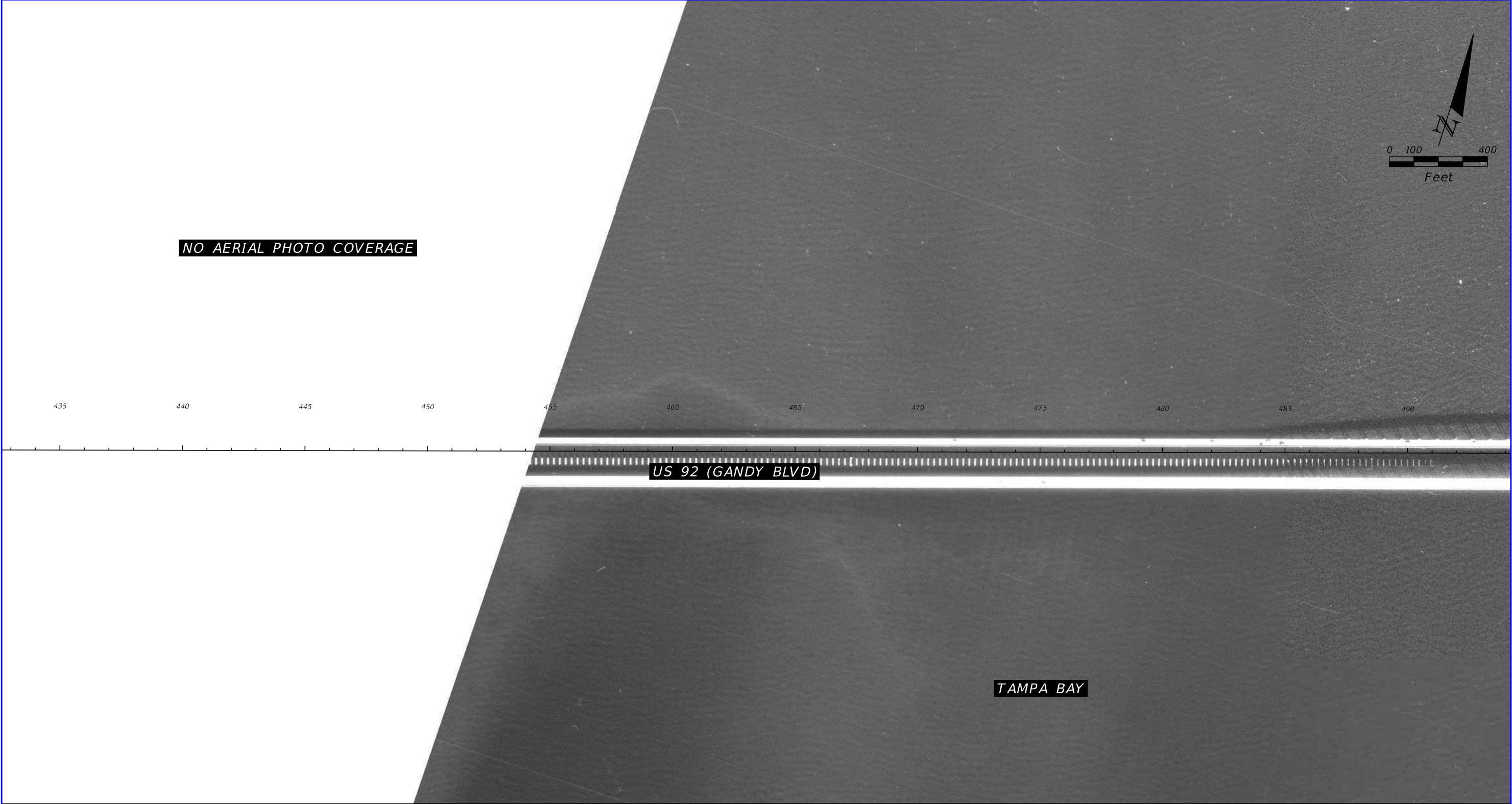
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

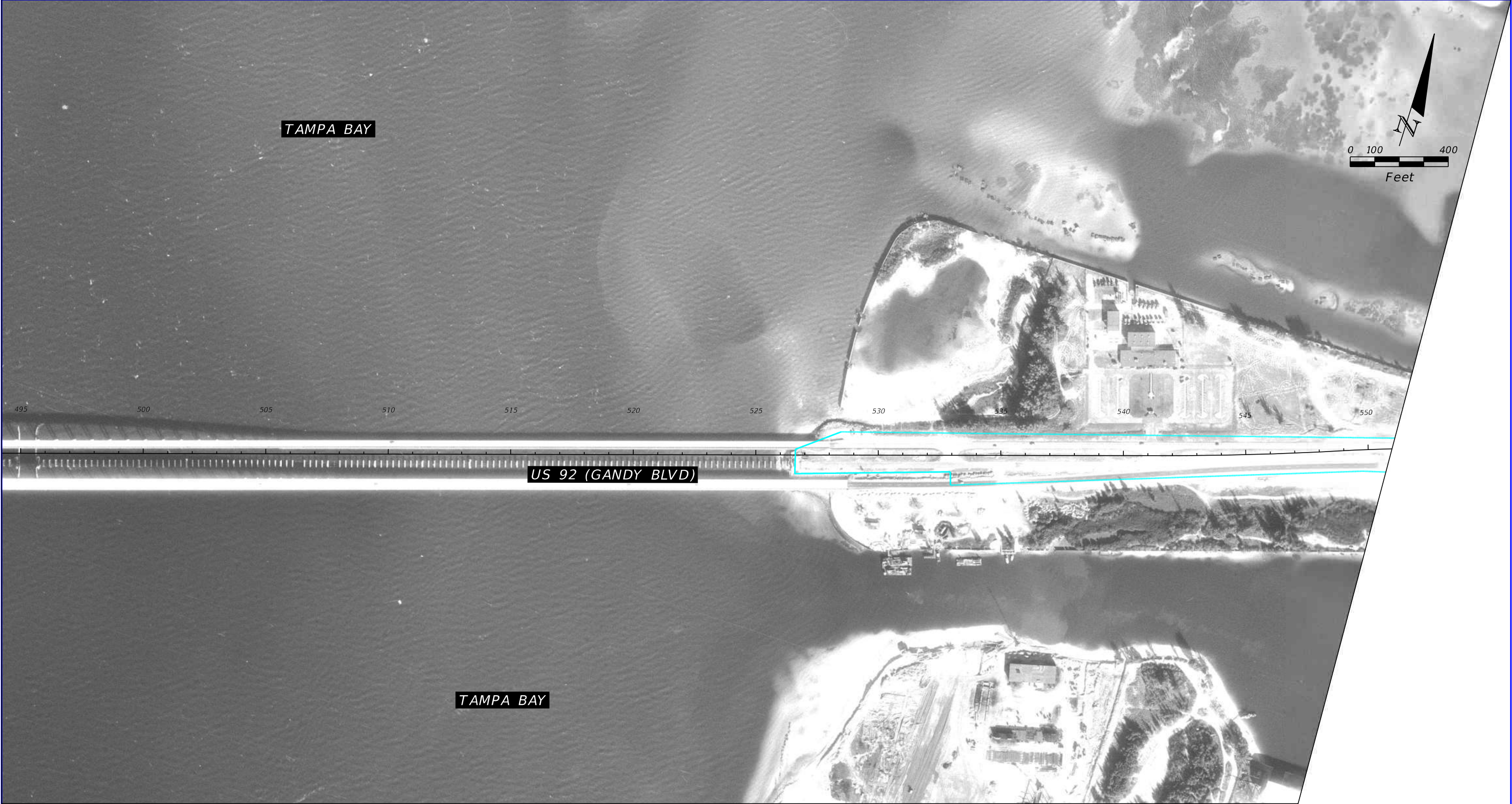
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-31
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-32
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-33
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1976 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

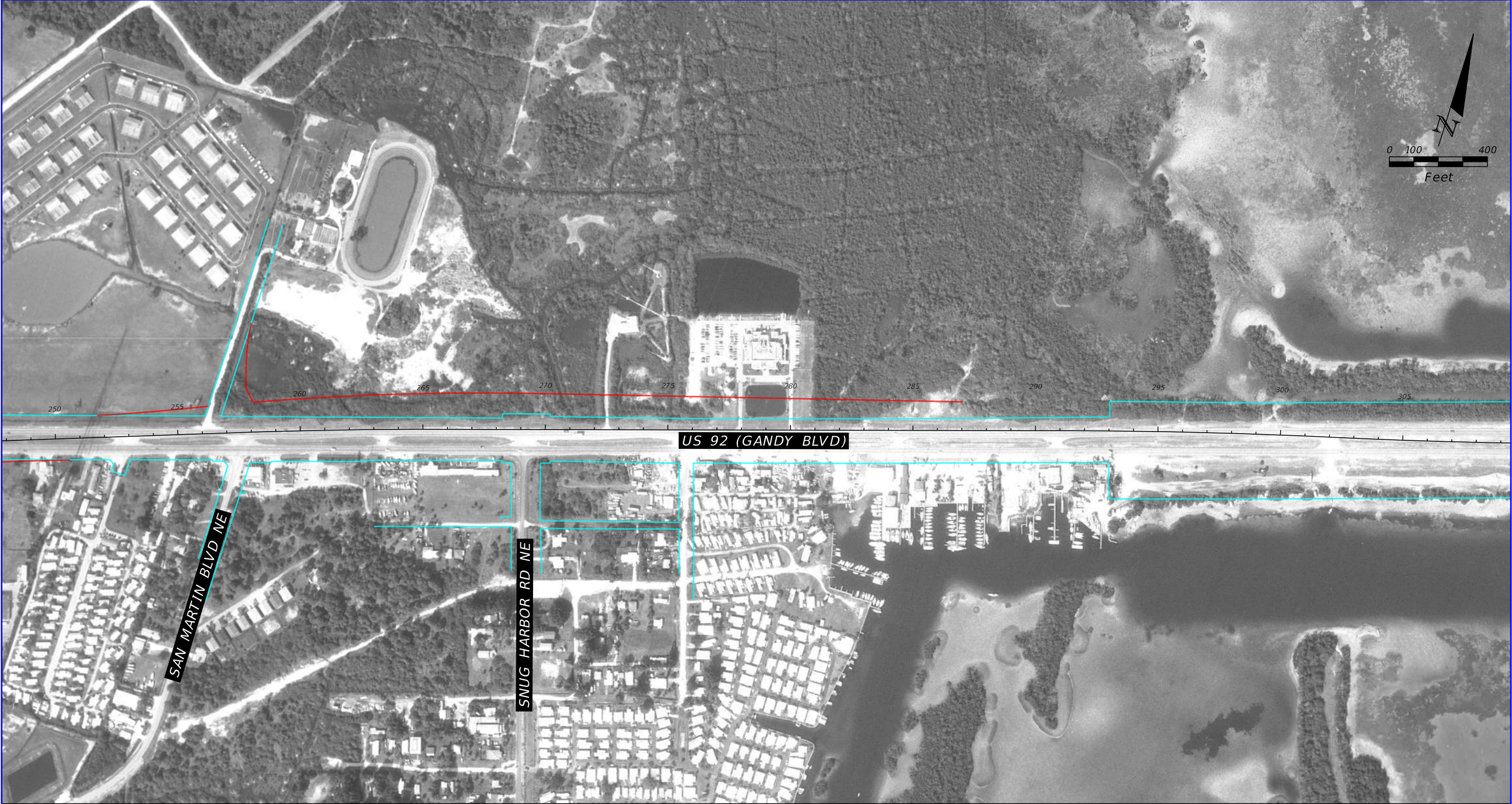
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1986 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



US 92 (GANDY BLVD)

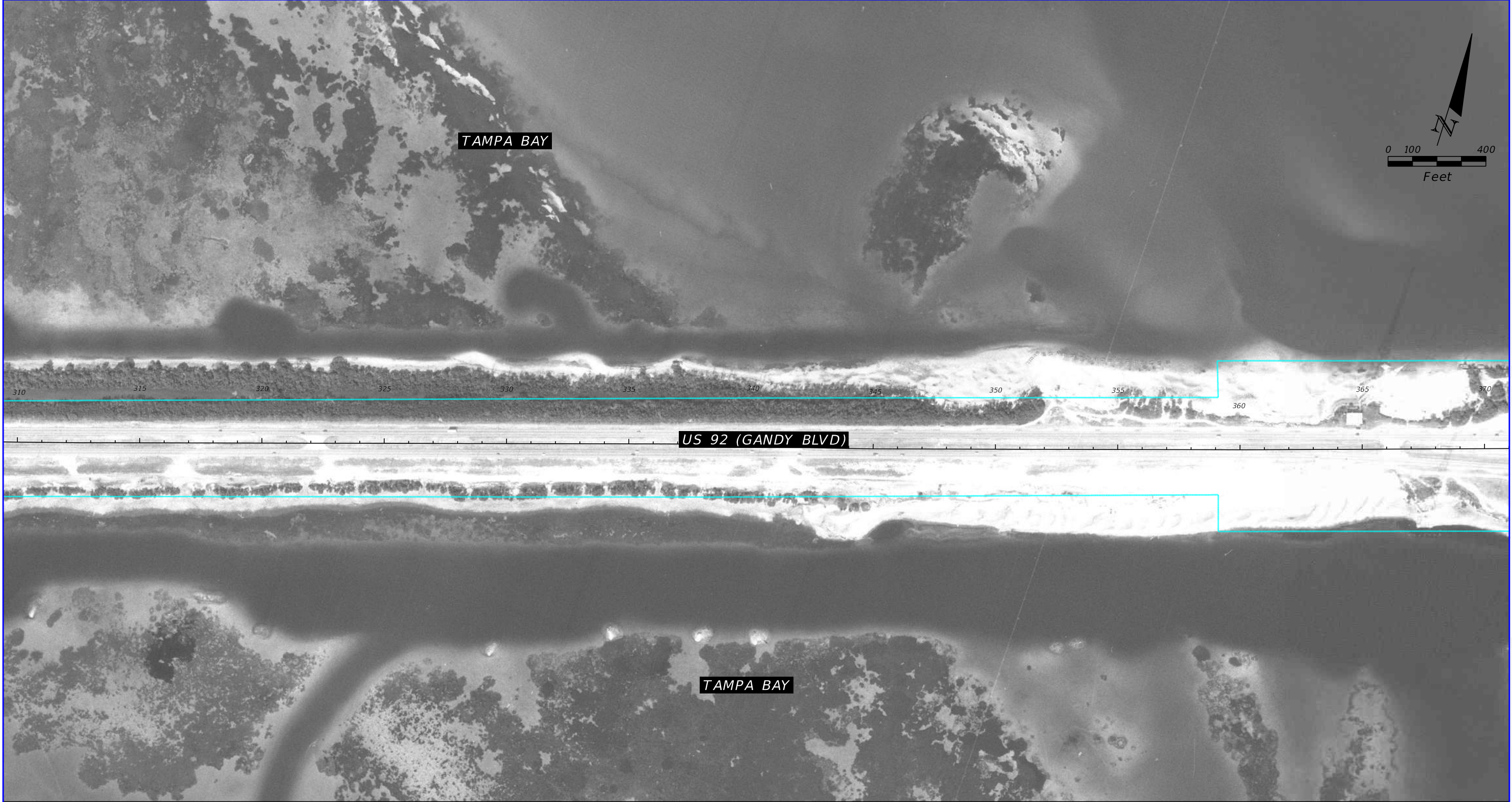
SAN MARTIN BLVD NE

SNUG HARBOR RD NE

1986 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

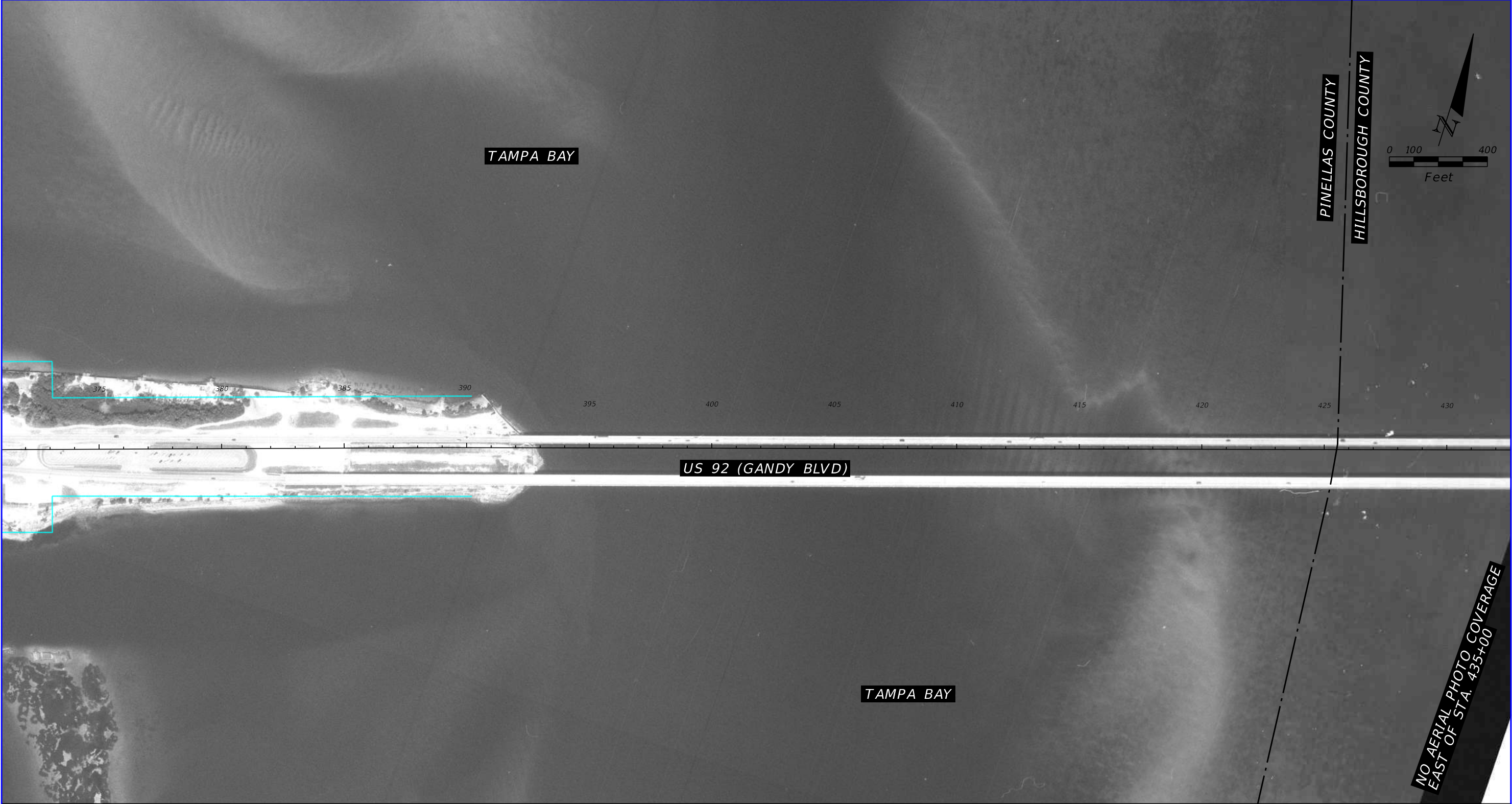
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1986 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

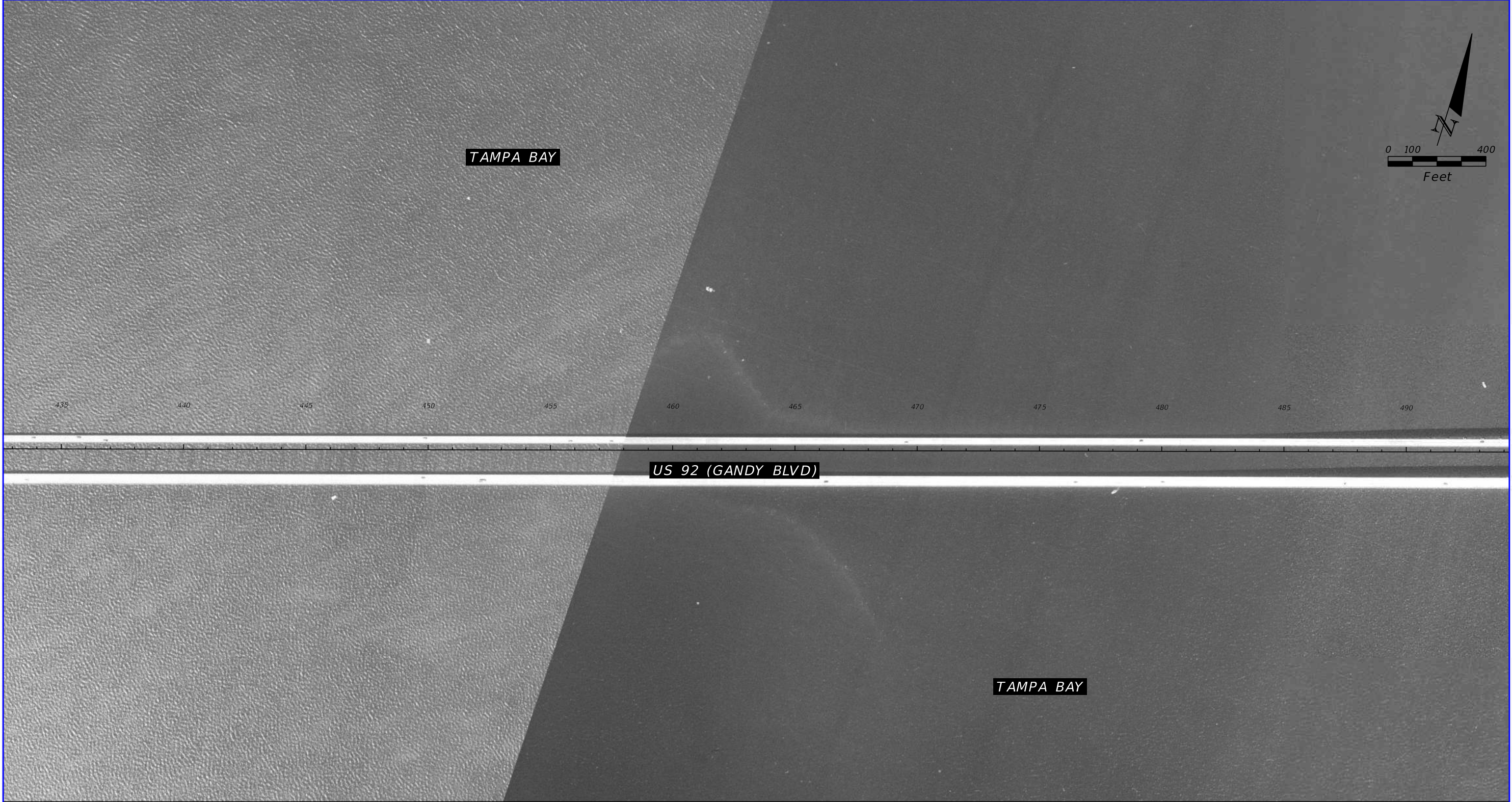
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-37
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1986 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01	B-38	



1987 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

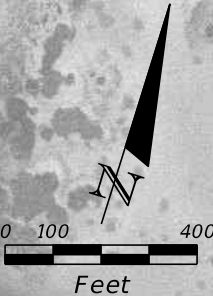
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		B-39
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



TAMPA BAY

US 92 (GANDY BLVD)

TAMPA BAY



495 500 505 510 515 520 525 530 535 540 545 550

1987 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

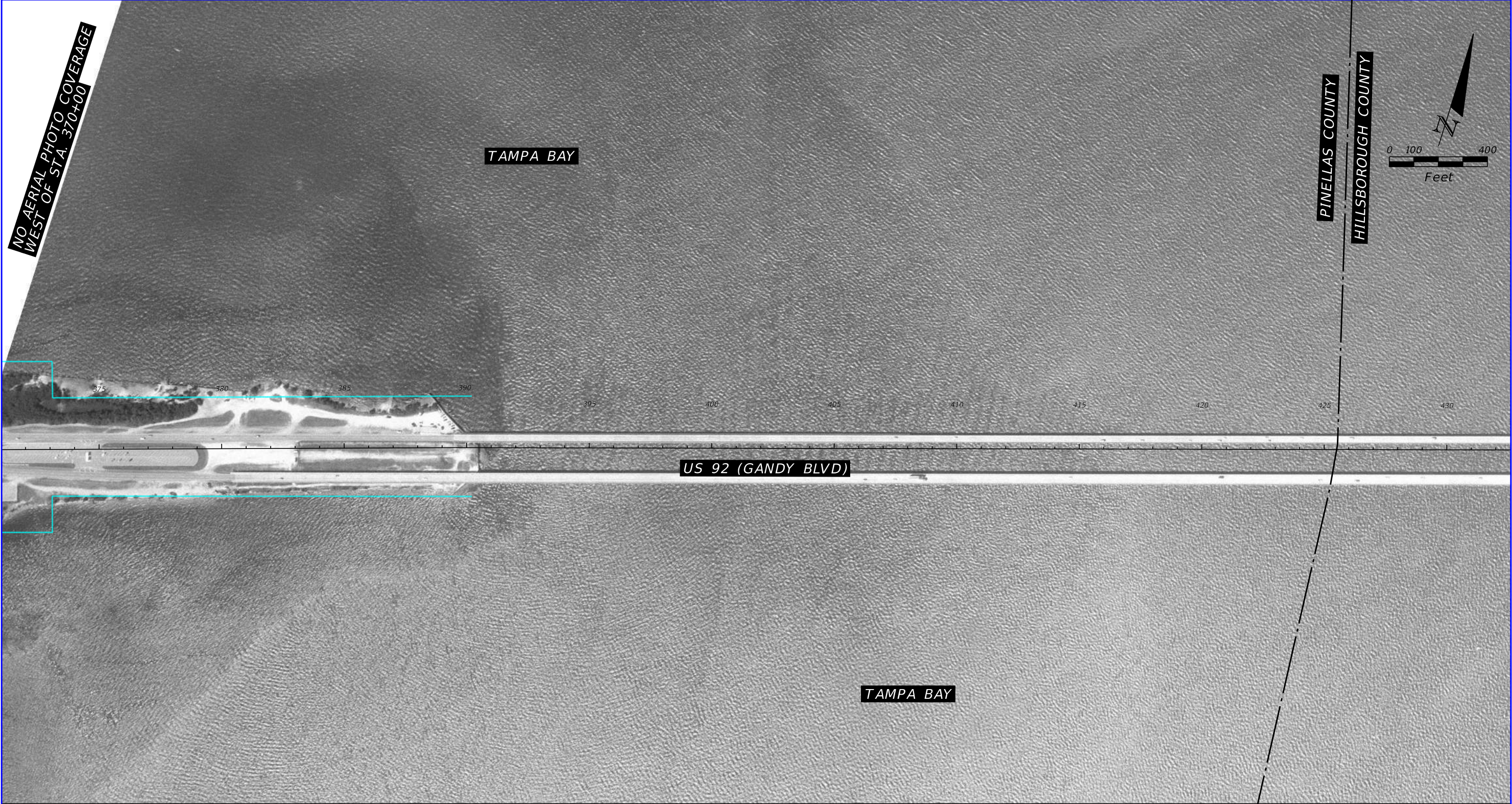
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-40
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1987 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

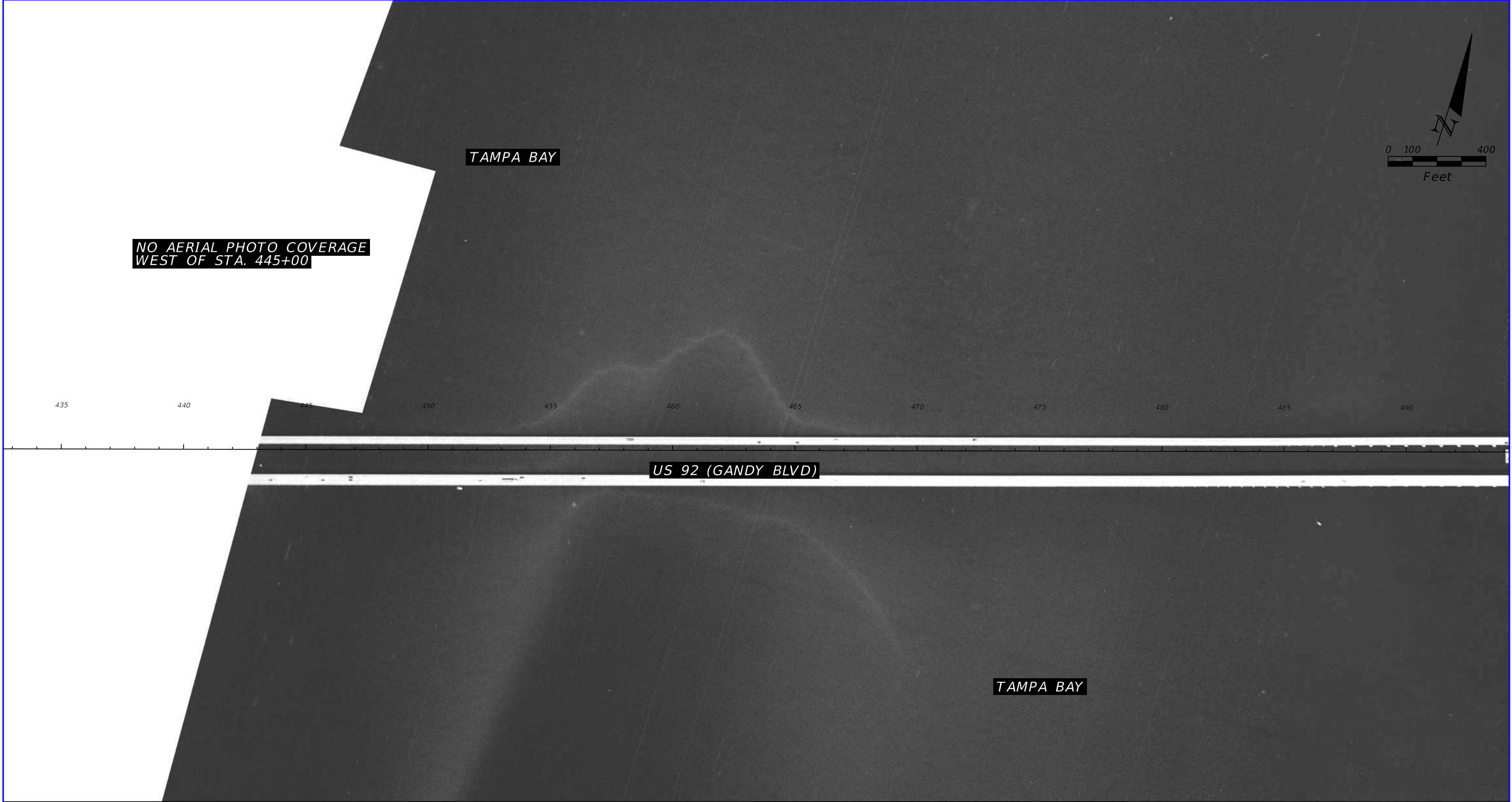
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-41
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1987 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01	B-42	



1995 HISTORICAL AERIAL PHOTOGRAPH

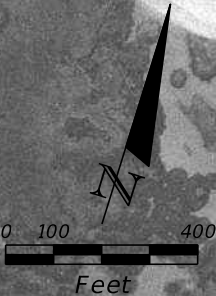
SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-43
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



TAMPA BAY

US 92 (GANDY BLVD)



1995 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-44
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1995 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

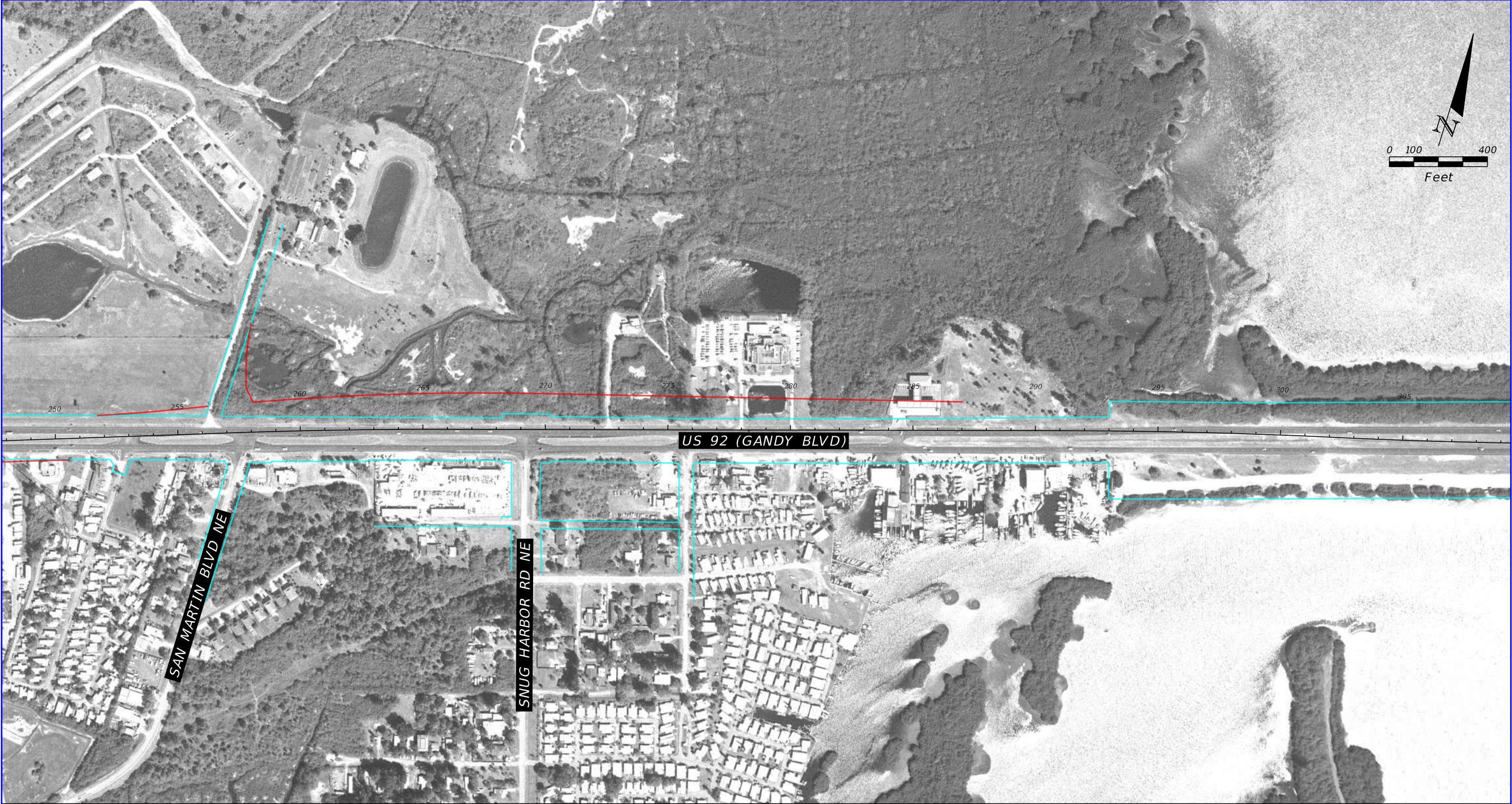
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-45
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1997 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

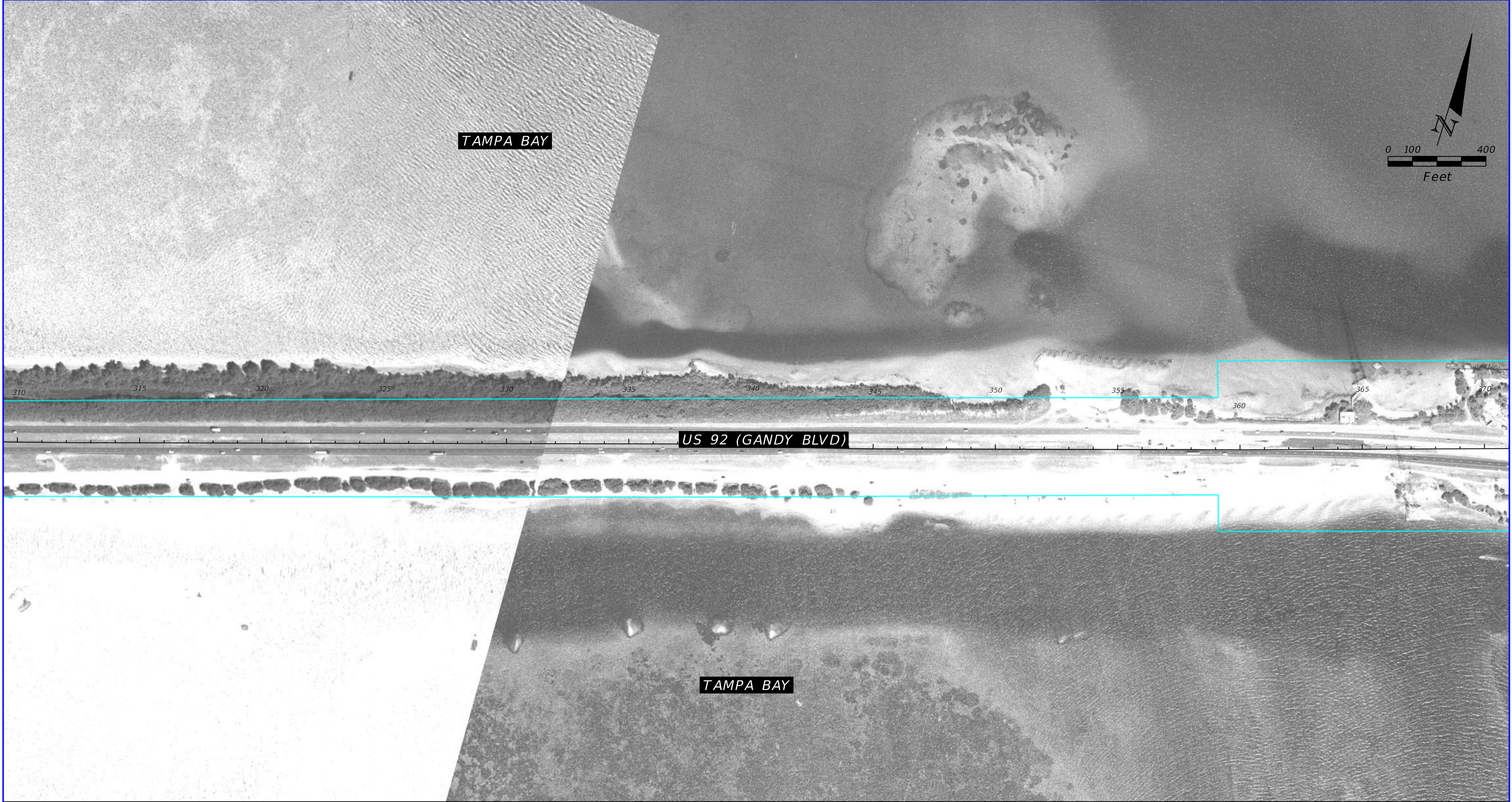
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-46
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1997 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

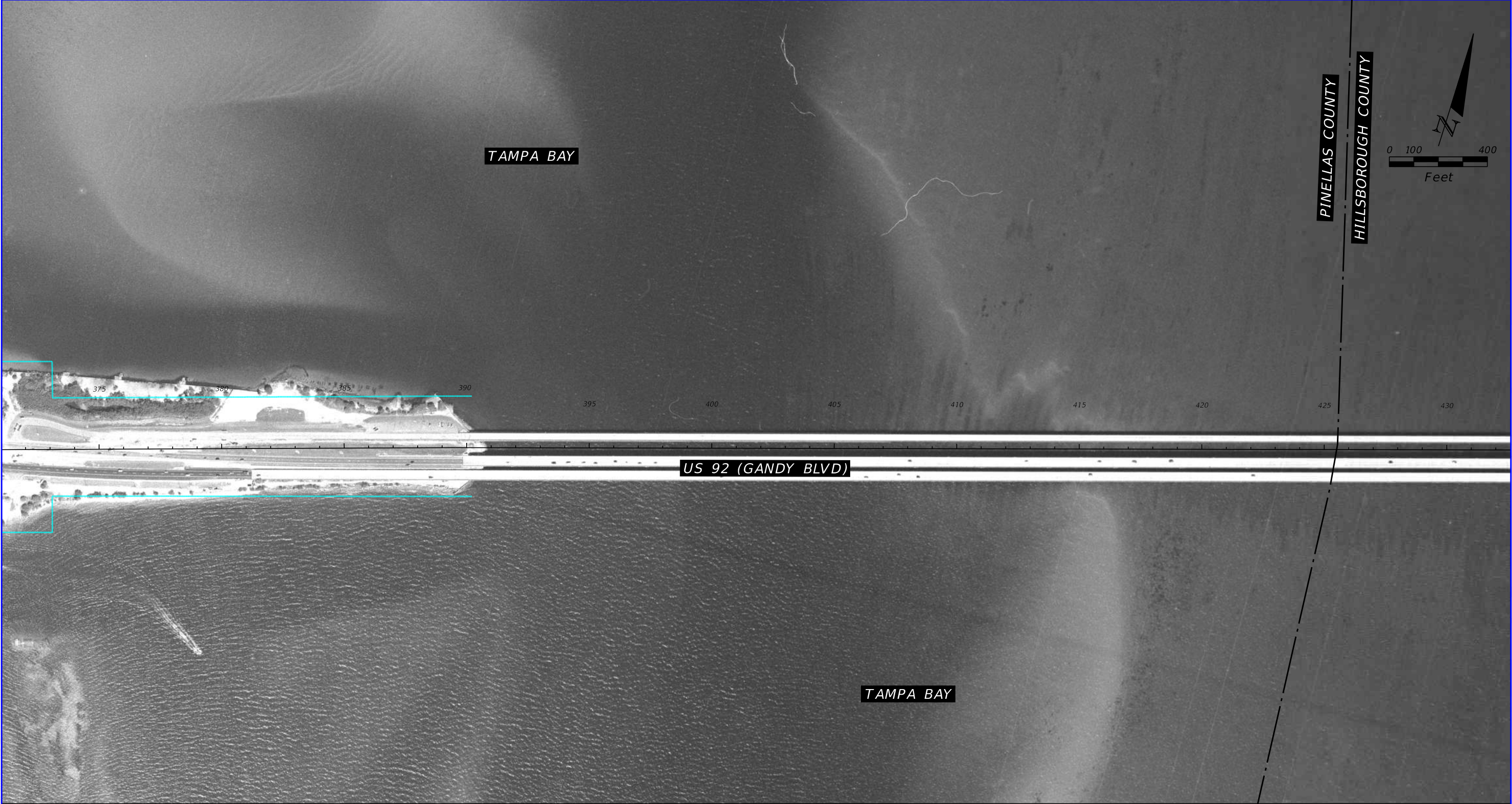
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-47
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1997 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

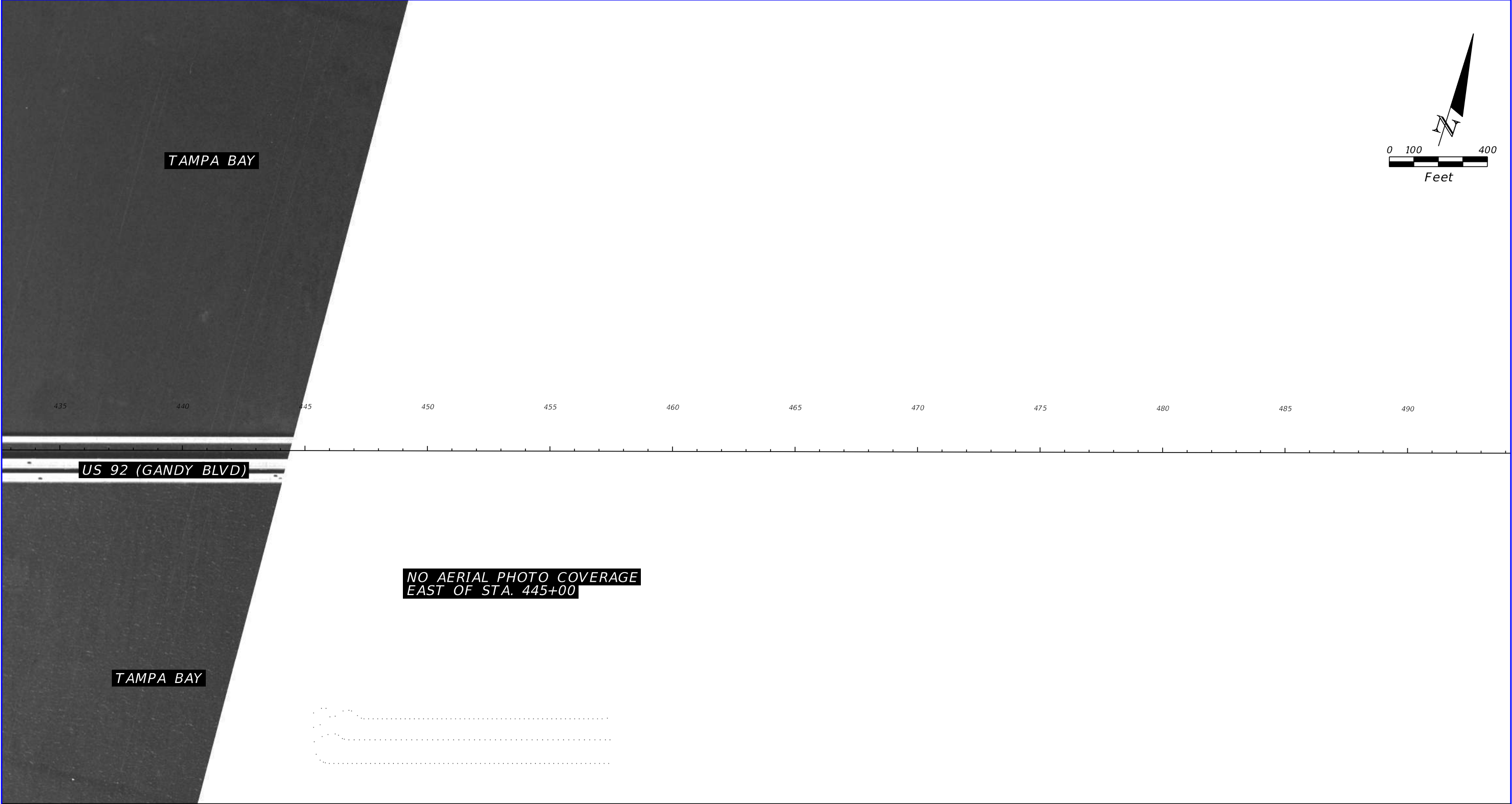
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-48
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



1997 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

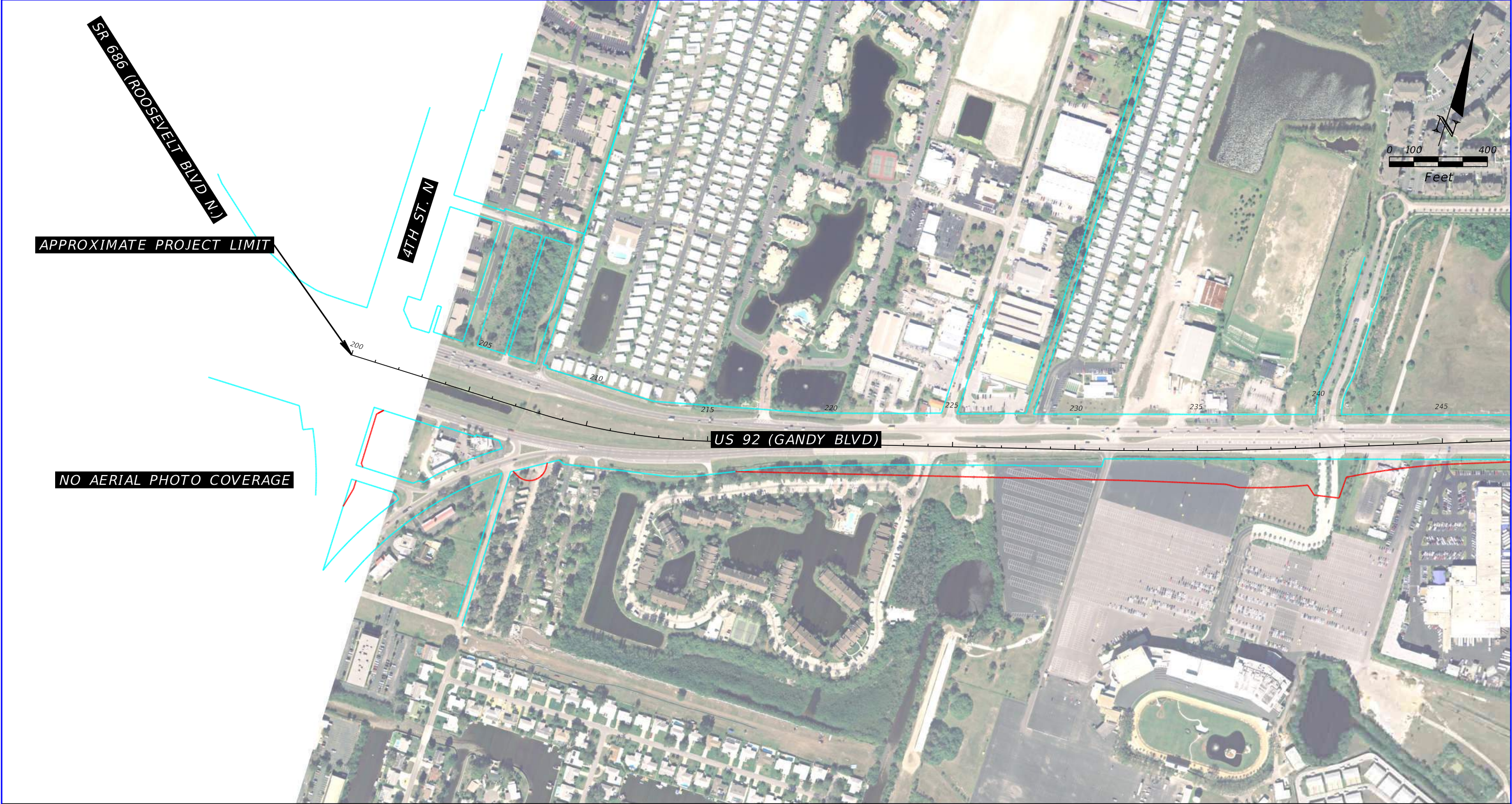
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01	B-49	



1997 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

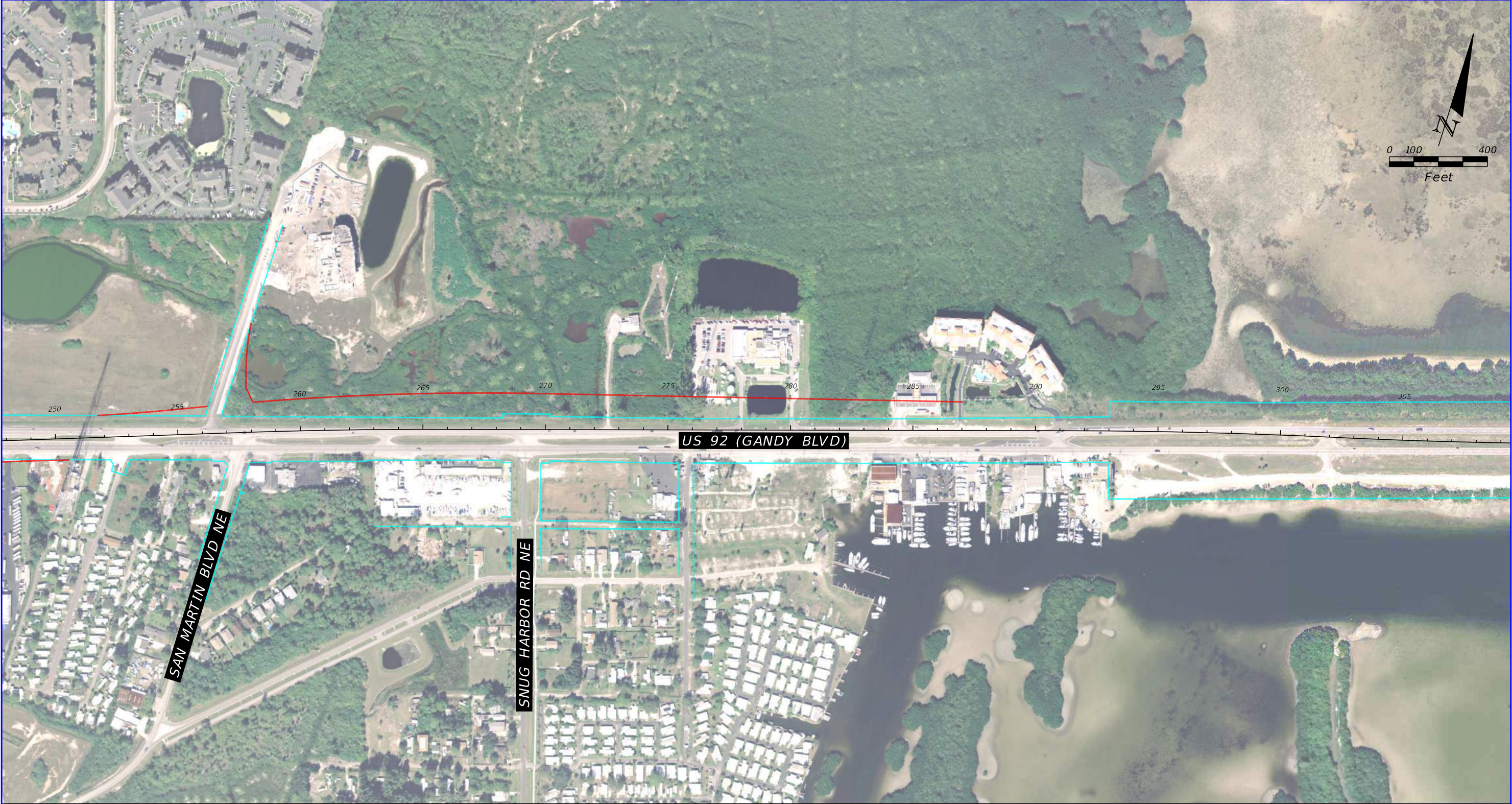
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-50
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2006 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

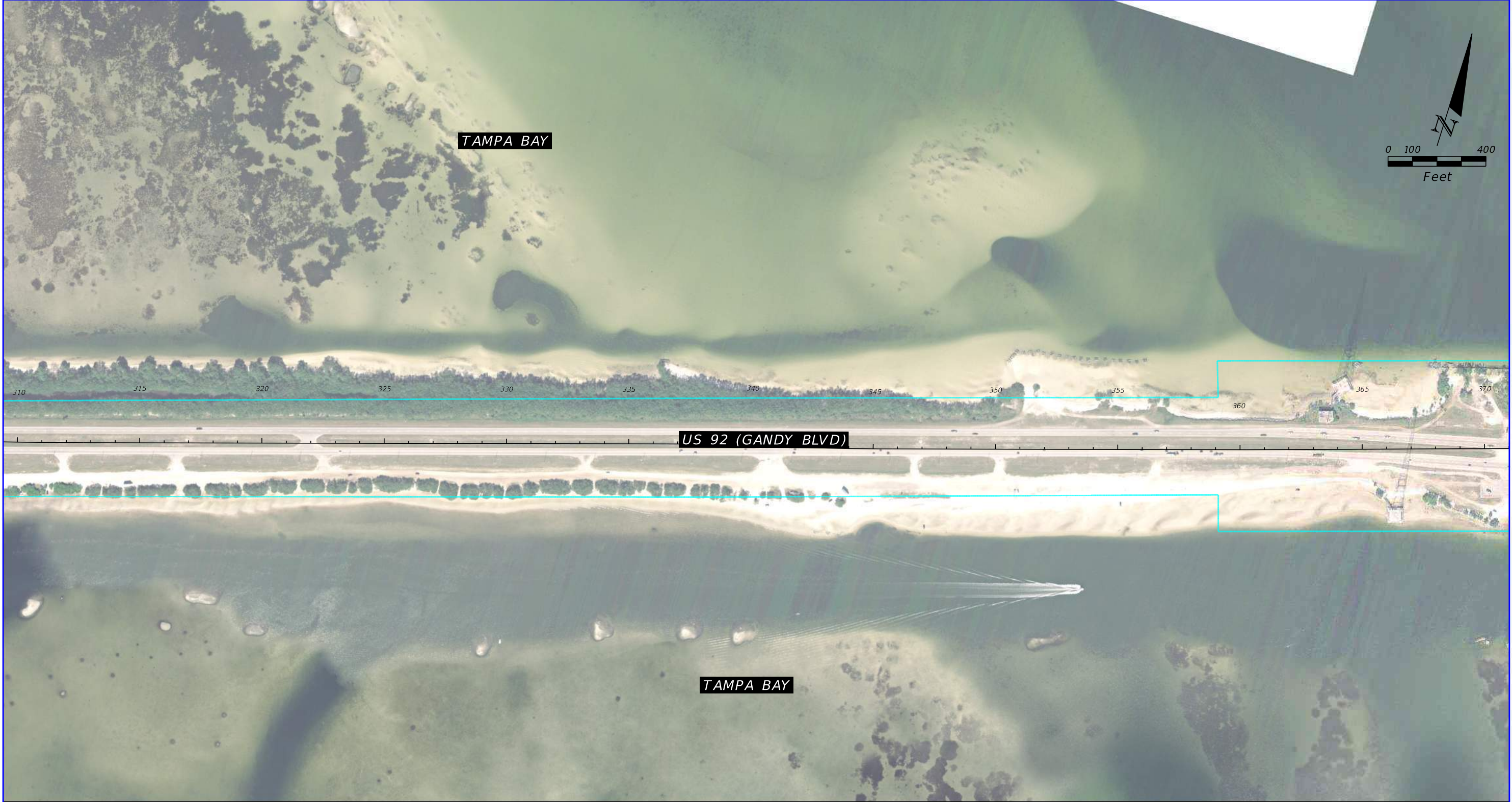
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-51
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2006 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

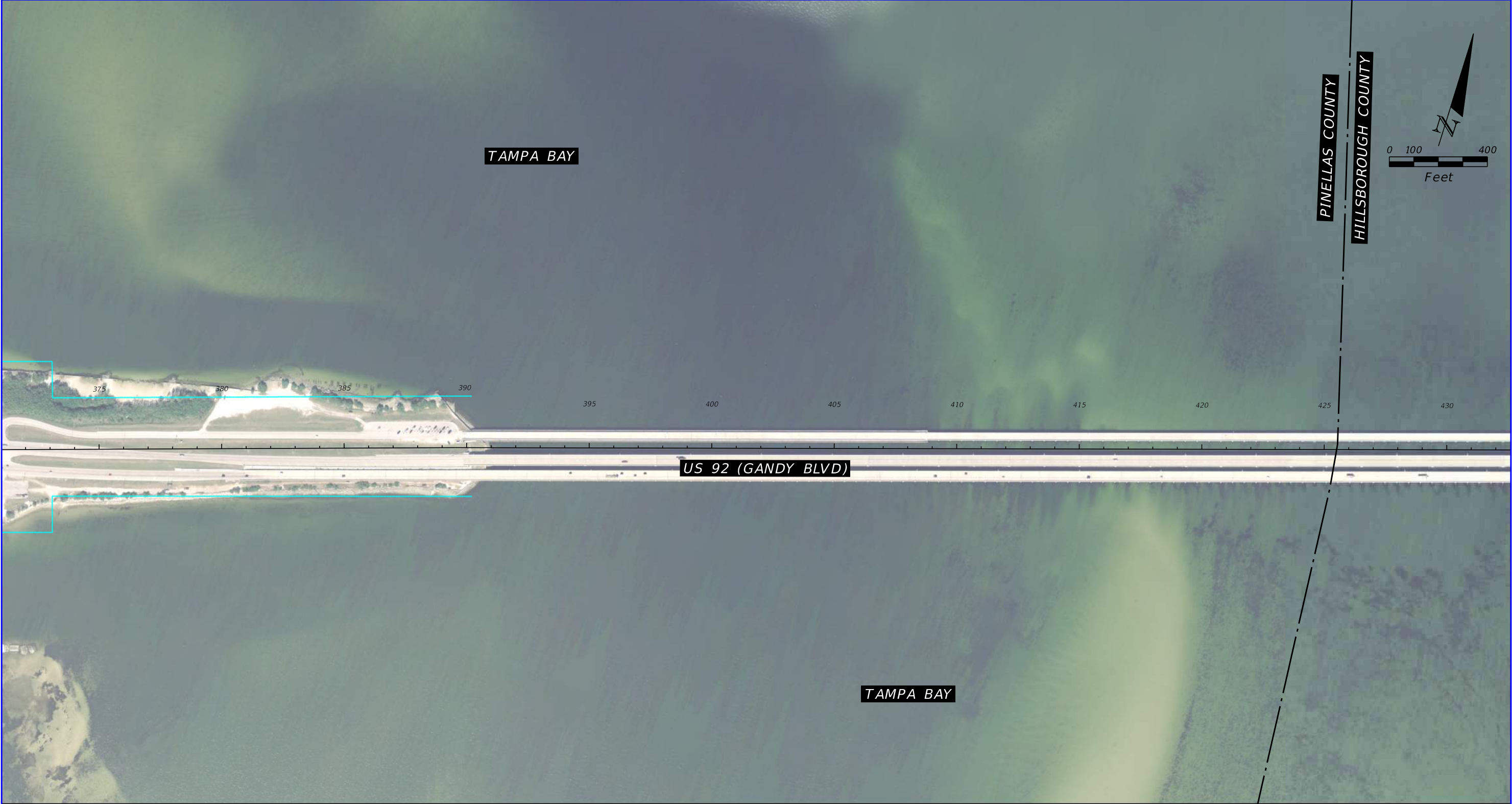
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2006 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

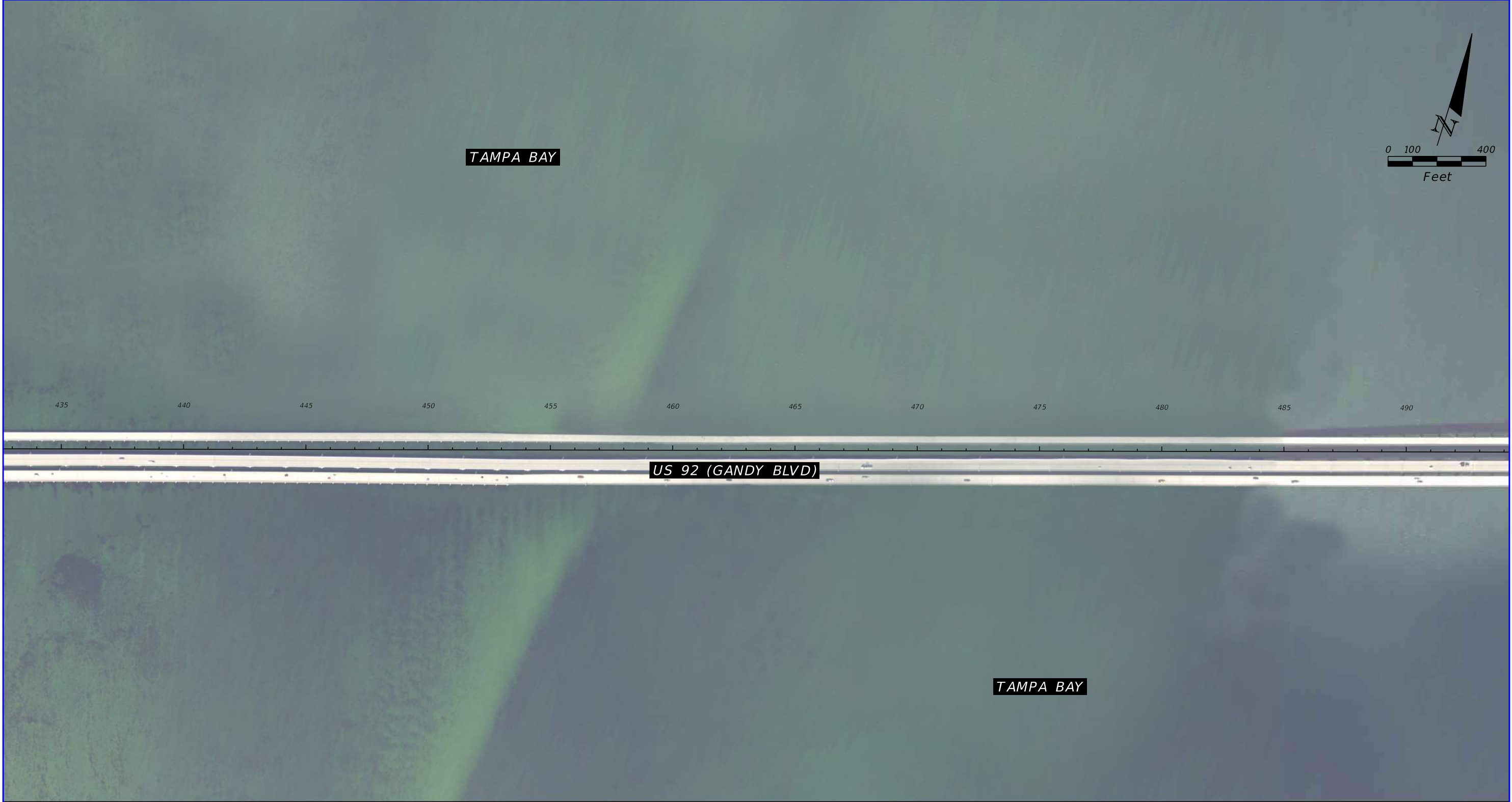
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-53
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2006 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-54
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2006 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01	B-55	



TAMPA BAY

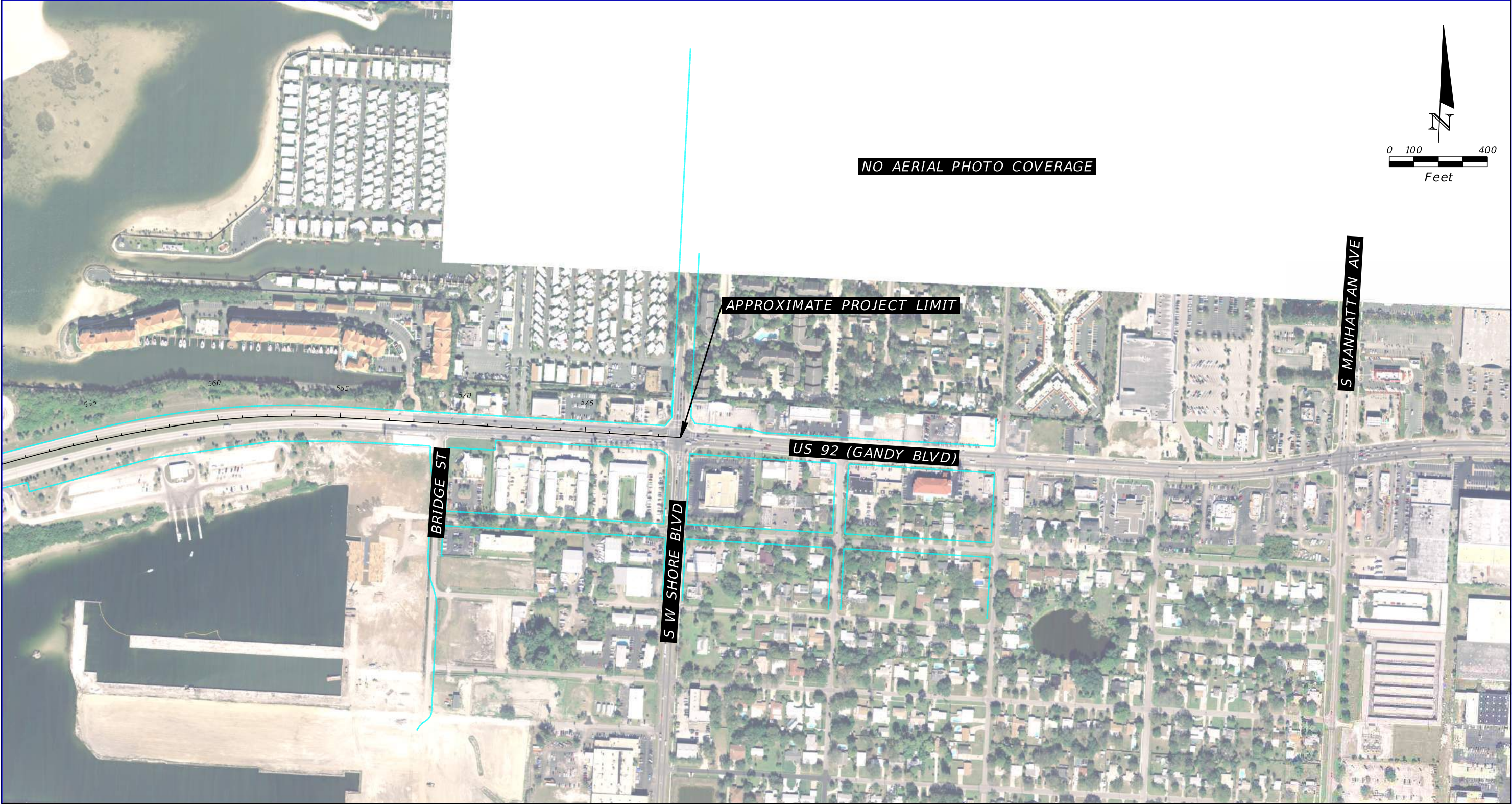
US 92 (GANDY BLVD)

TAMPA BAY

SOURCE: FDOT SURVEY AND MAPPING

2006 HISTORICAL AERIAL PHOTOGRAPH

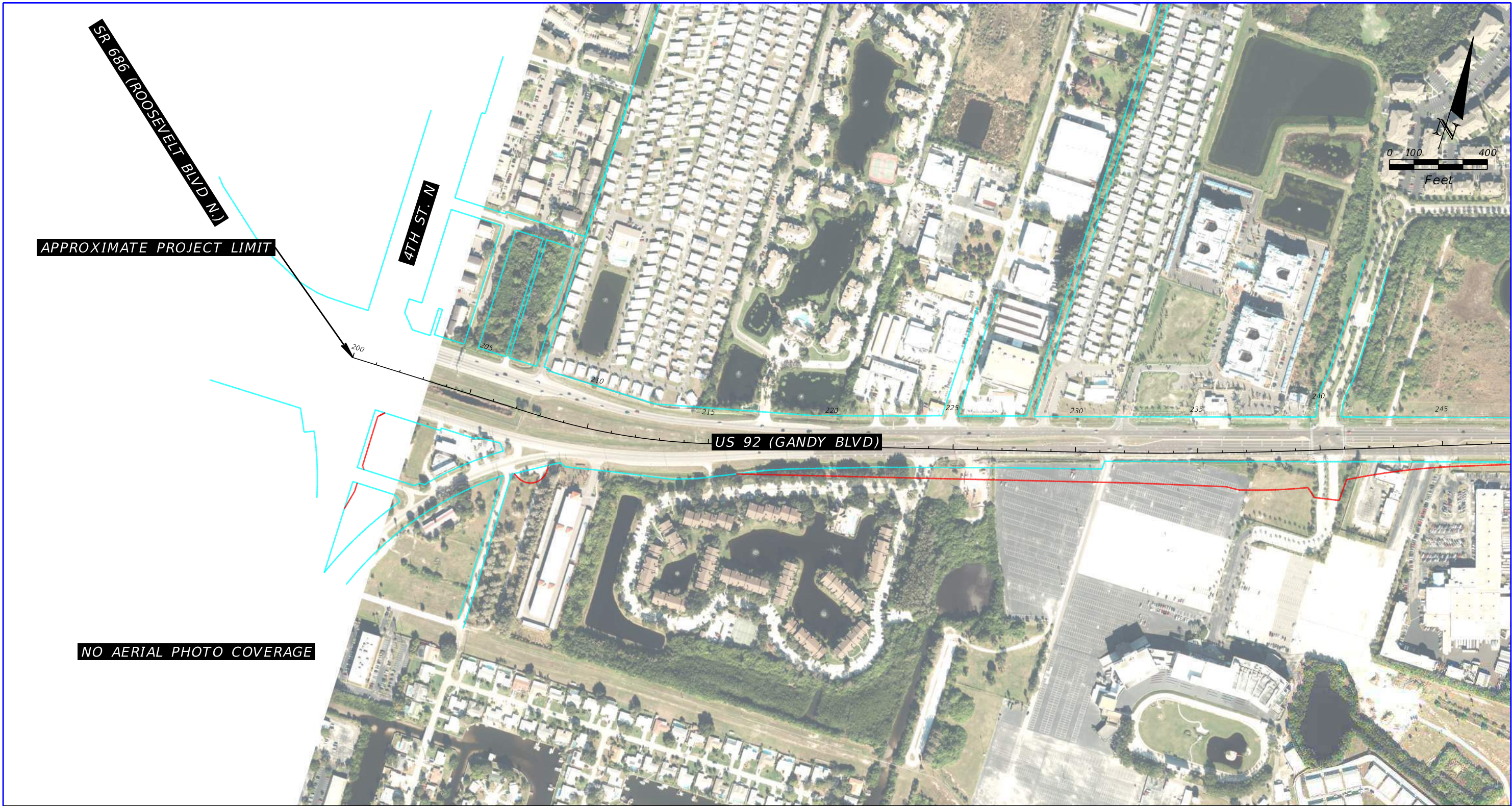
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2006 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-57
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2010 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

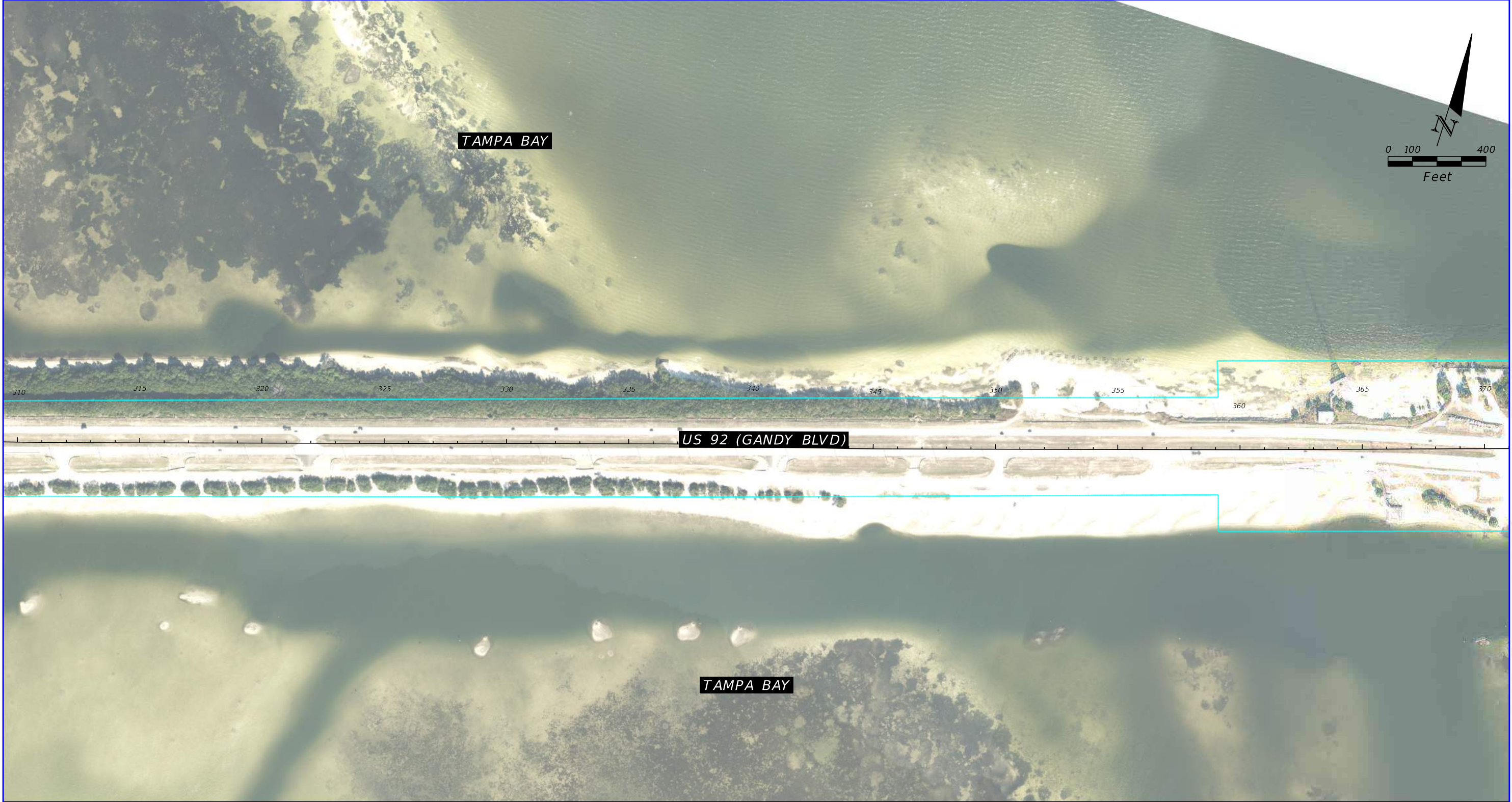
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2010 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

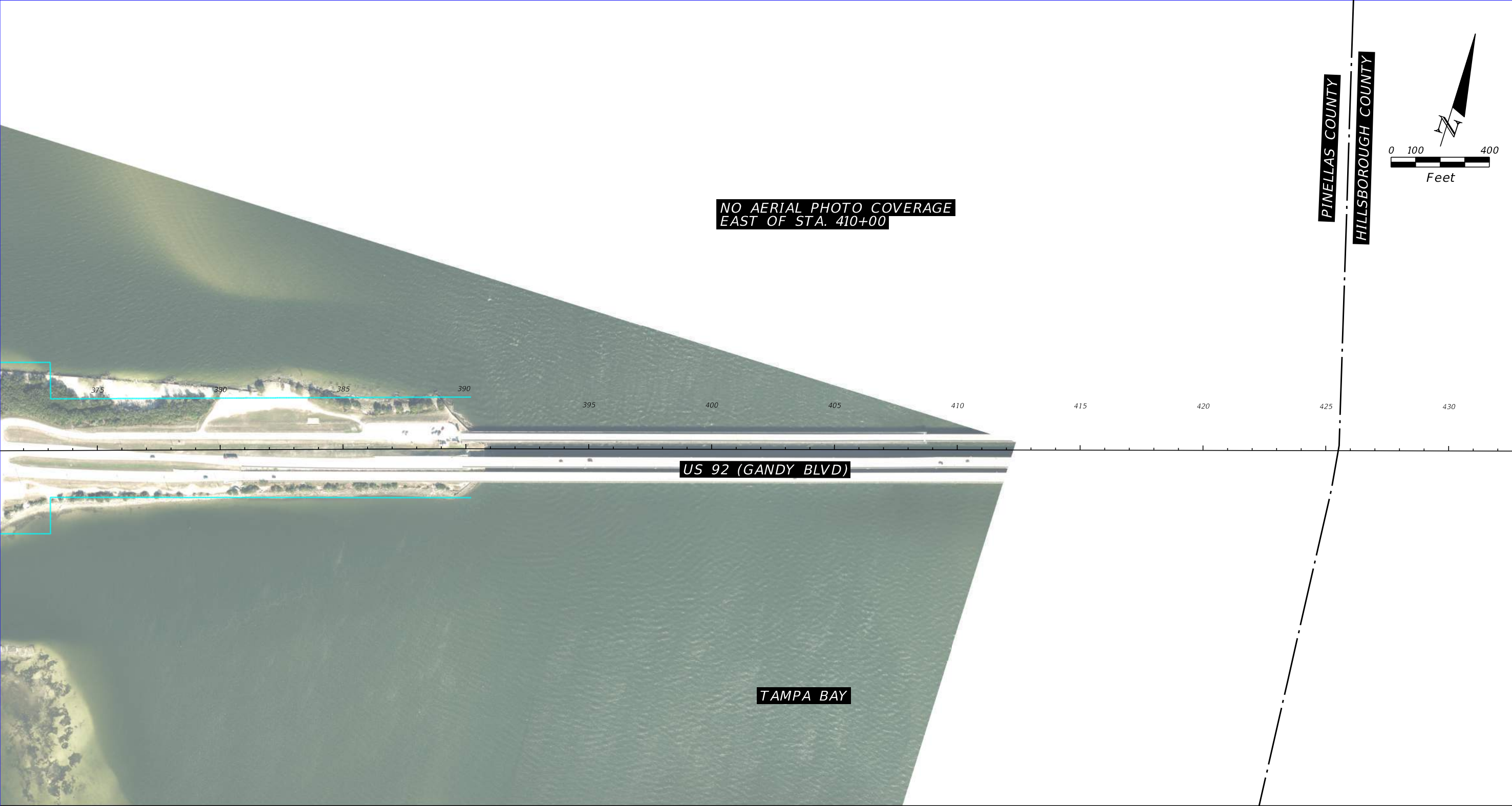
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-59
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2010 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

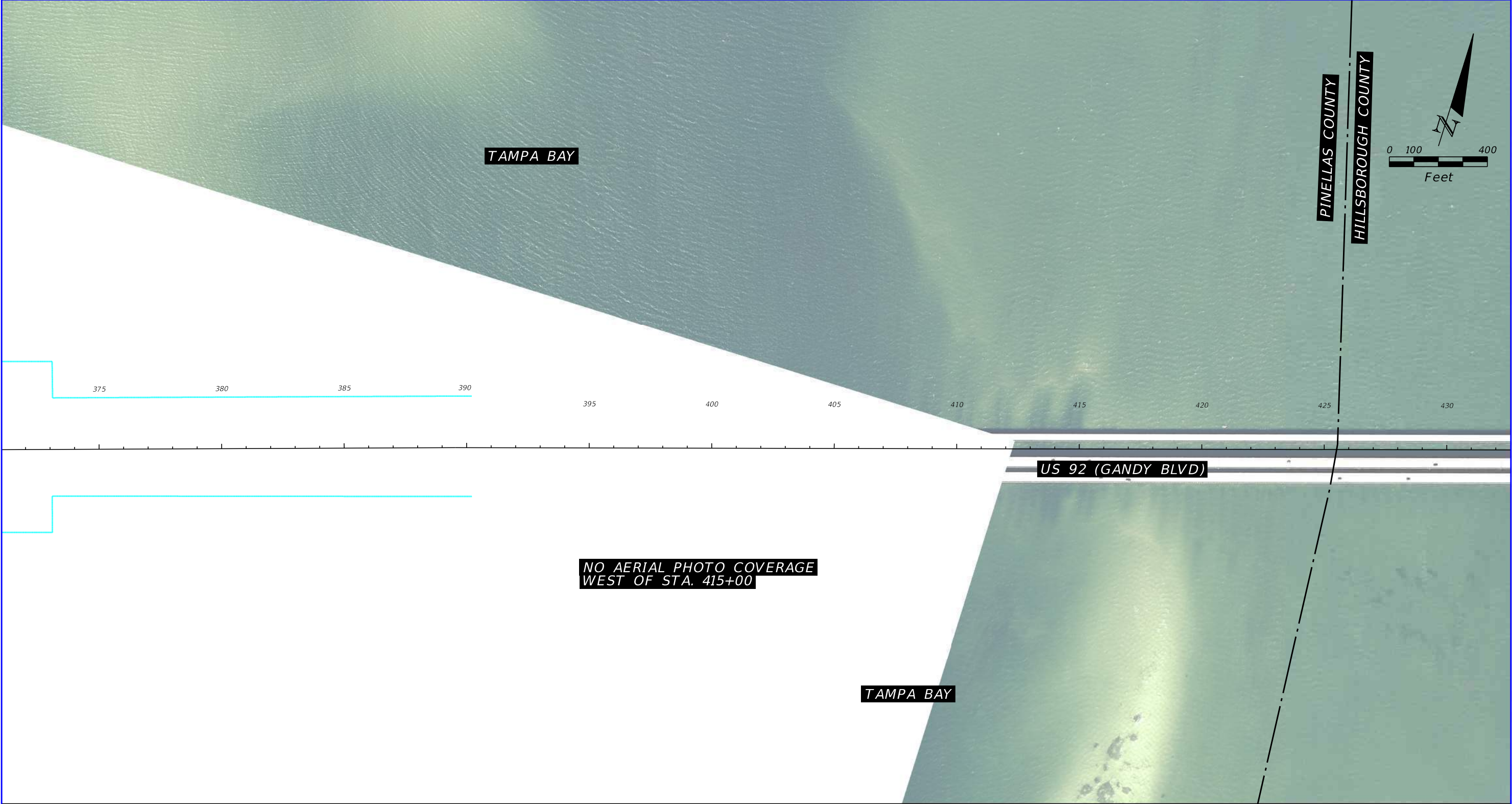
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-60
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2010 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-61
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

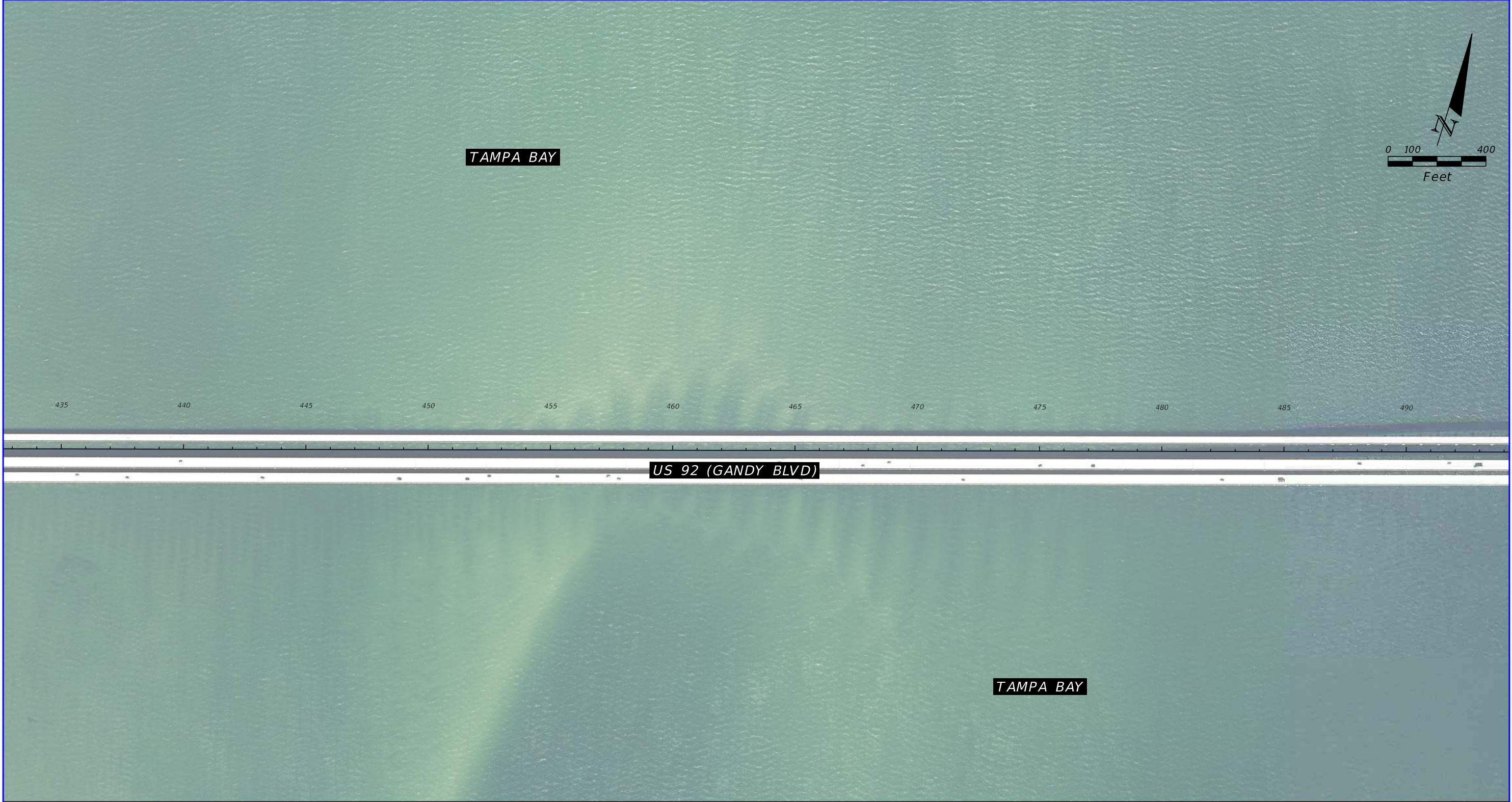


NO AERIAL PHOTO COVERAGE
WEST OF STA. 415+00

2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-62
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

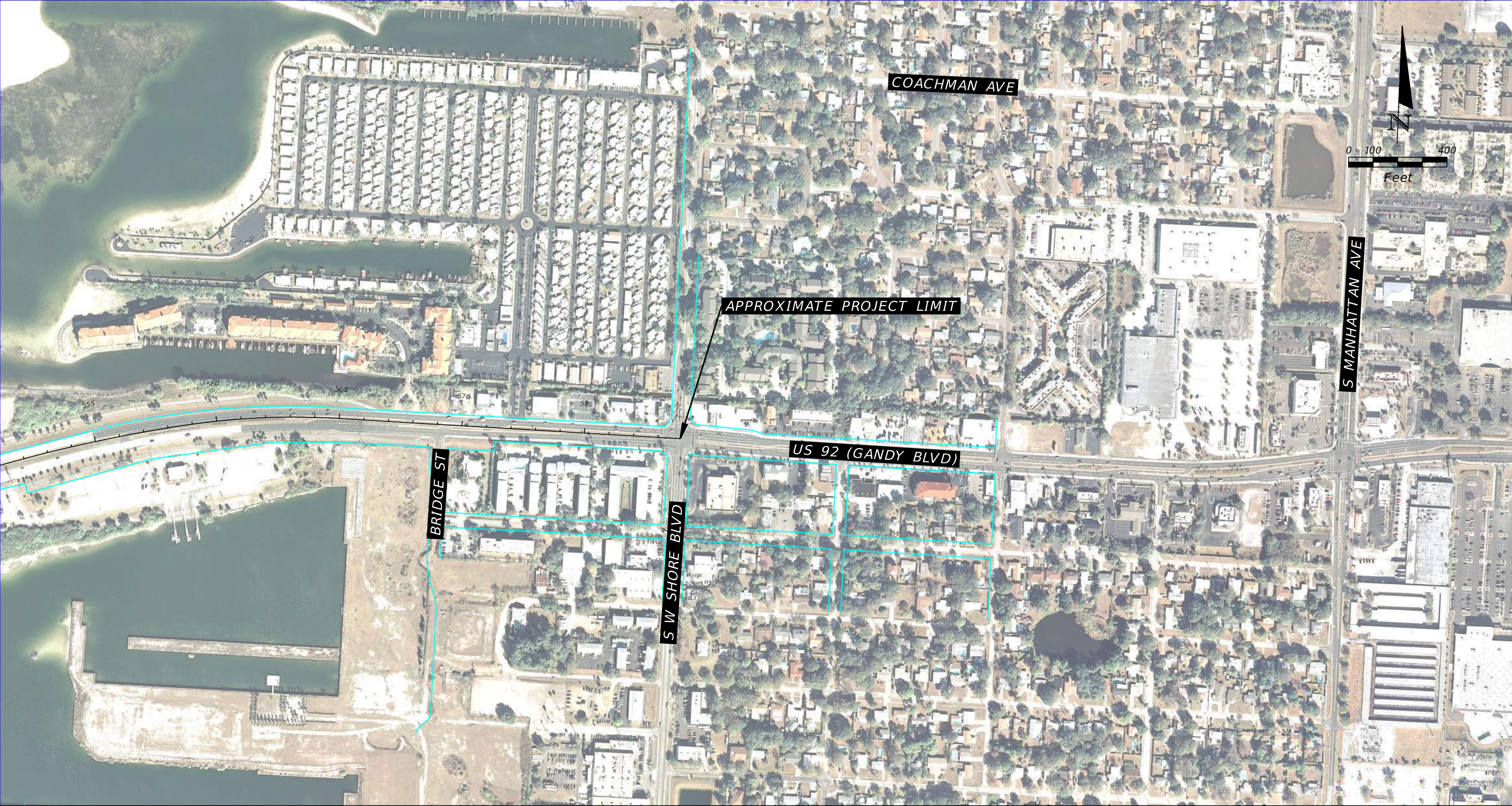
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-63
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-64
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

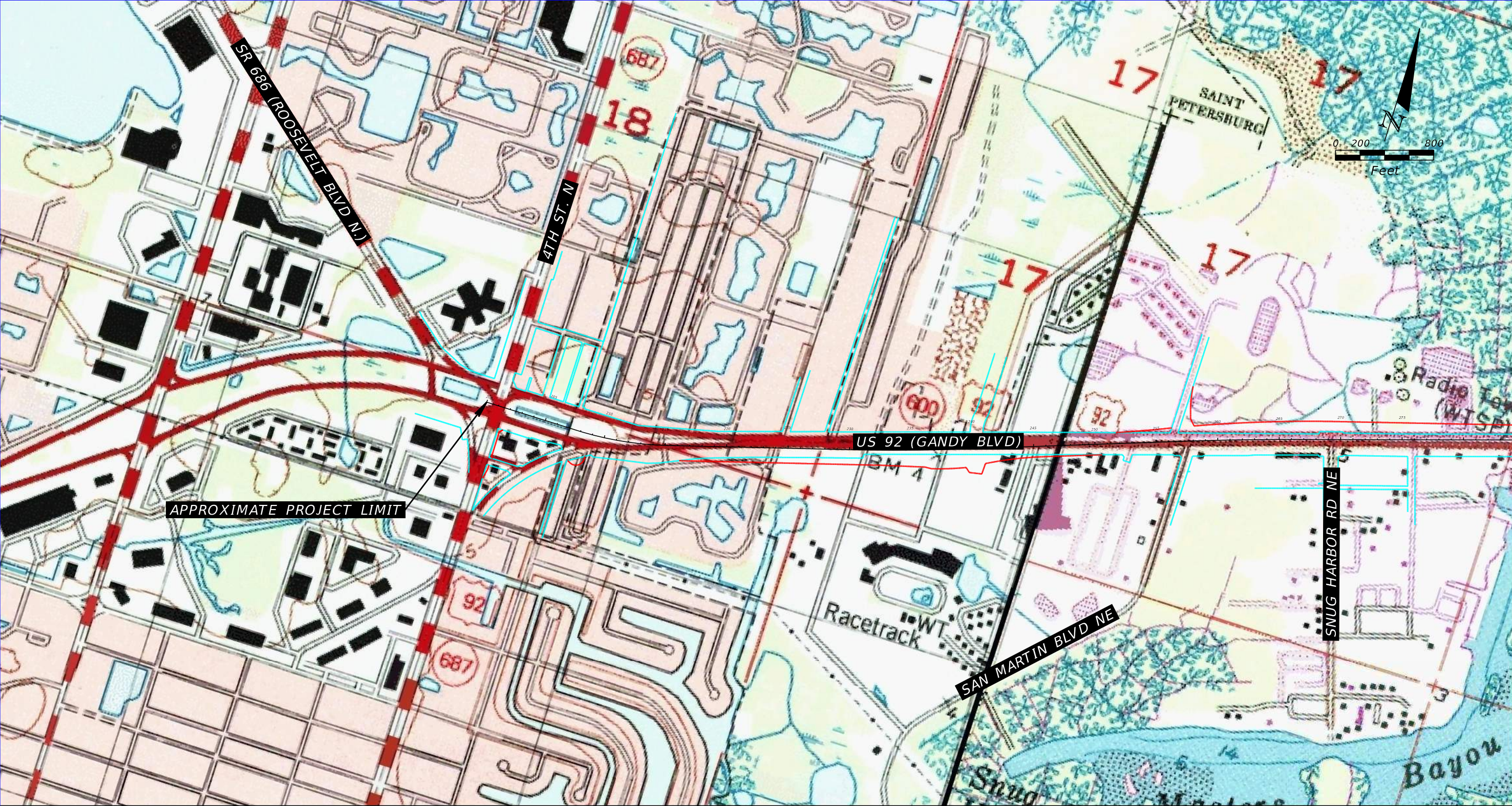


2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. B-65
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

APPENDIX C USGS TOPOGRAPHIC MAP

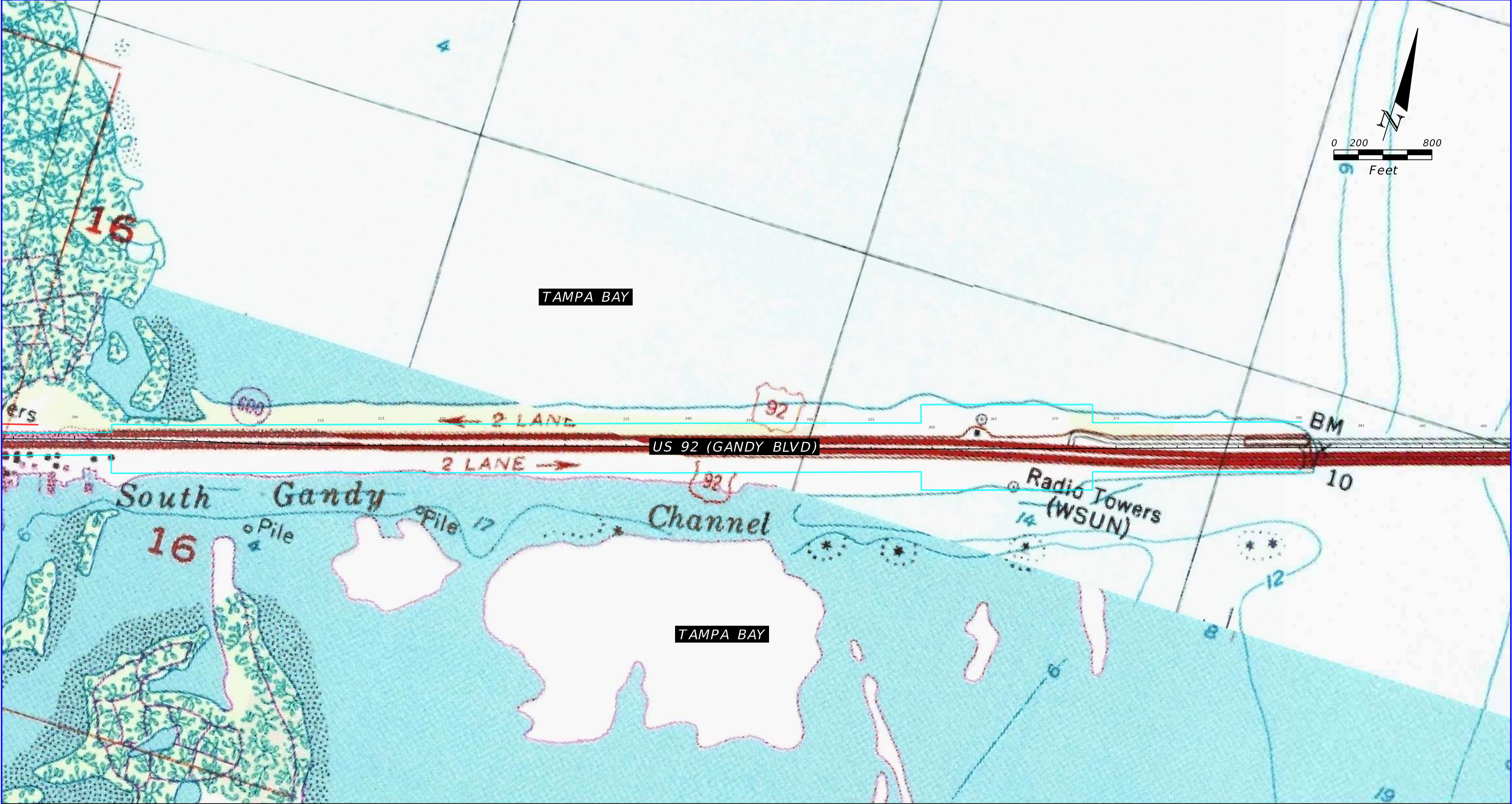


USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "ST. PETERSBURG, FLORIDA" DATED 1956, (PHOTOREVISED 1988)

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. C-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

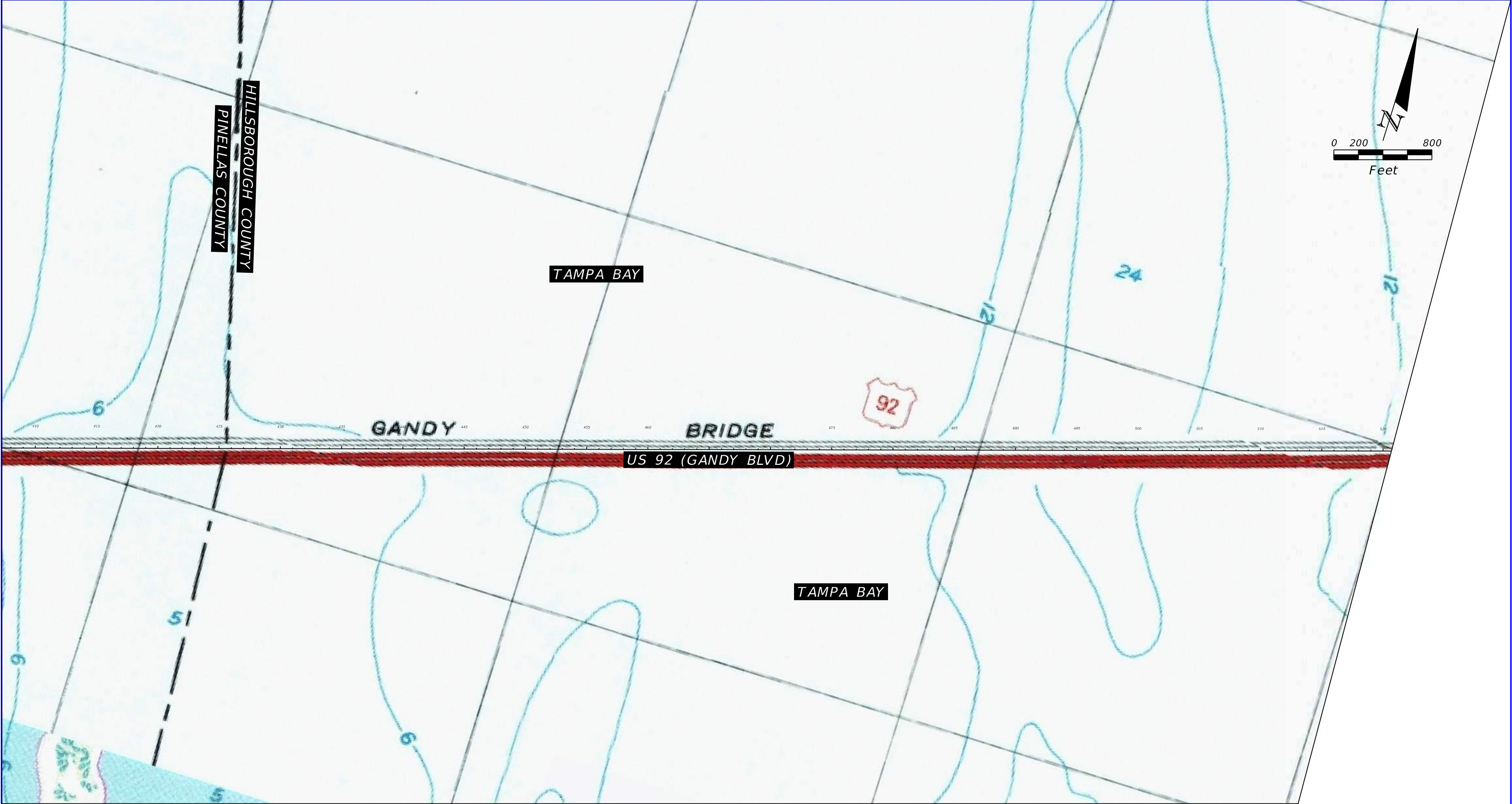


USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "ST. PETERSBURG, FLORIDA" DATED 1956, (PHOTOREVISED 1988)

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. C-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

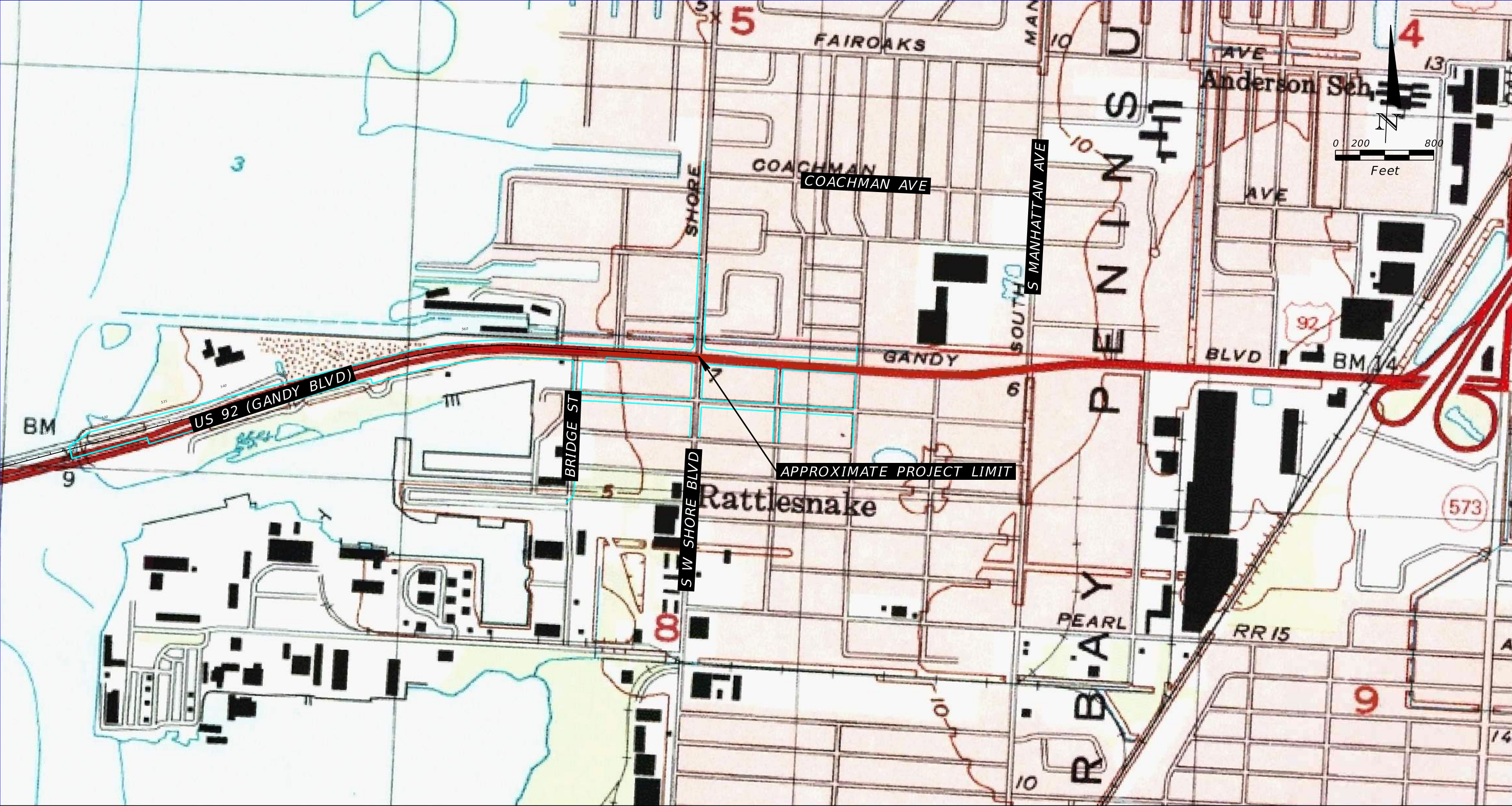


USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "ST. PETERSBURG, FLORIDA" DATED 1956, (PHOTOREVISED 1988)
SOURCE: USGS 7.5-MINUTE "GANDY, FLORIDA" DATED 1956, (PHOTOREVISED 1987)

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. C-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		



USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "GANDY, FLORIDA" DATED 1956, (PHOTOREVISED 1987)

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			US 92/ SR 600/ GANDY BOULEVARD FROM 4TH STREET TO WEST SHORE BOULEVARD	SHEET NO. C-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-19-265E		US 92/ SR 600	PINELLAS HILLSBOROUGH	441250-1-22-01		

APPENDIX D REGULATORY DATABASE REPORT

Environmental Data Report

Custom Radius Research

Subject Property:

Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, 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

June 30, 2021



June 30, 2021

Chris Garth
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Custom Radius Research - EDM Project #25682**

Dear Mr. Garth

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:

**Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, 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: 6/30/2021

Client Information	Project Information
Tierra Inc 7351 Temple Terrace Hwy Tampa, FL 33637 Client Job No: Client P.O. No:	Custom Radius Research Gandy from 4th Street to West Shore Boulevard Pinellas & Hillsborough Counties, Florida EDM Job No# 25682

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
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
FDEP DATABASES	
State NPL Equivalent(STNPL)	0
State CERCLIS/SEMS Equivalent(STCERC)	6
Solid Waste Facilities List_Landfills(SLDWST_LF)	0
Leaking Underground Storage Tanks List(LUST)	15
State Designated Brownfields(BRWNFLDS)	0
Voluntary Cleanup List(VOLCLNUP)	2
Institutional and/or Engineering Controls(INSTENG)	0
Dry Cleaners List(DRY)	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.



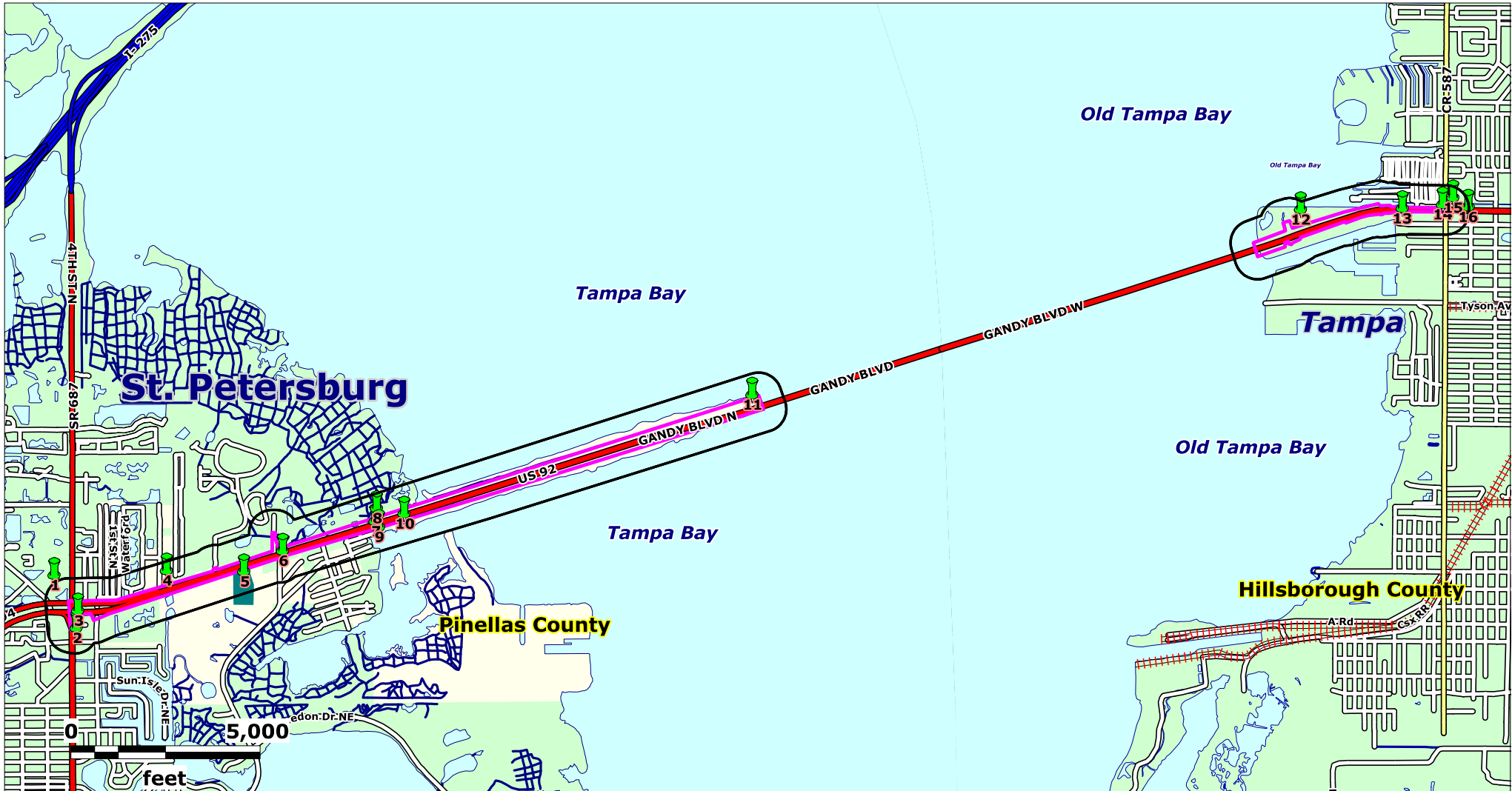
Copyright © 1990-2021 Environmental Data Management, Inc.

For further information please contact us at 727-586-1700

Use of this information is strictly limited by EDM's authorization agreement, acknowledged by our clients for each report.



Custom Radius Research Report Street Map



Source: US Census Bureau TIGER Files

Map Scale and Site Locations are Approximate

Subject Property

Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, Florida

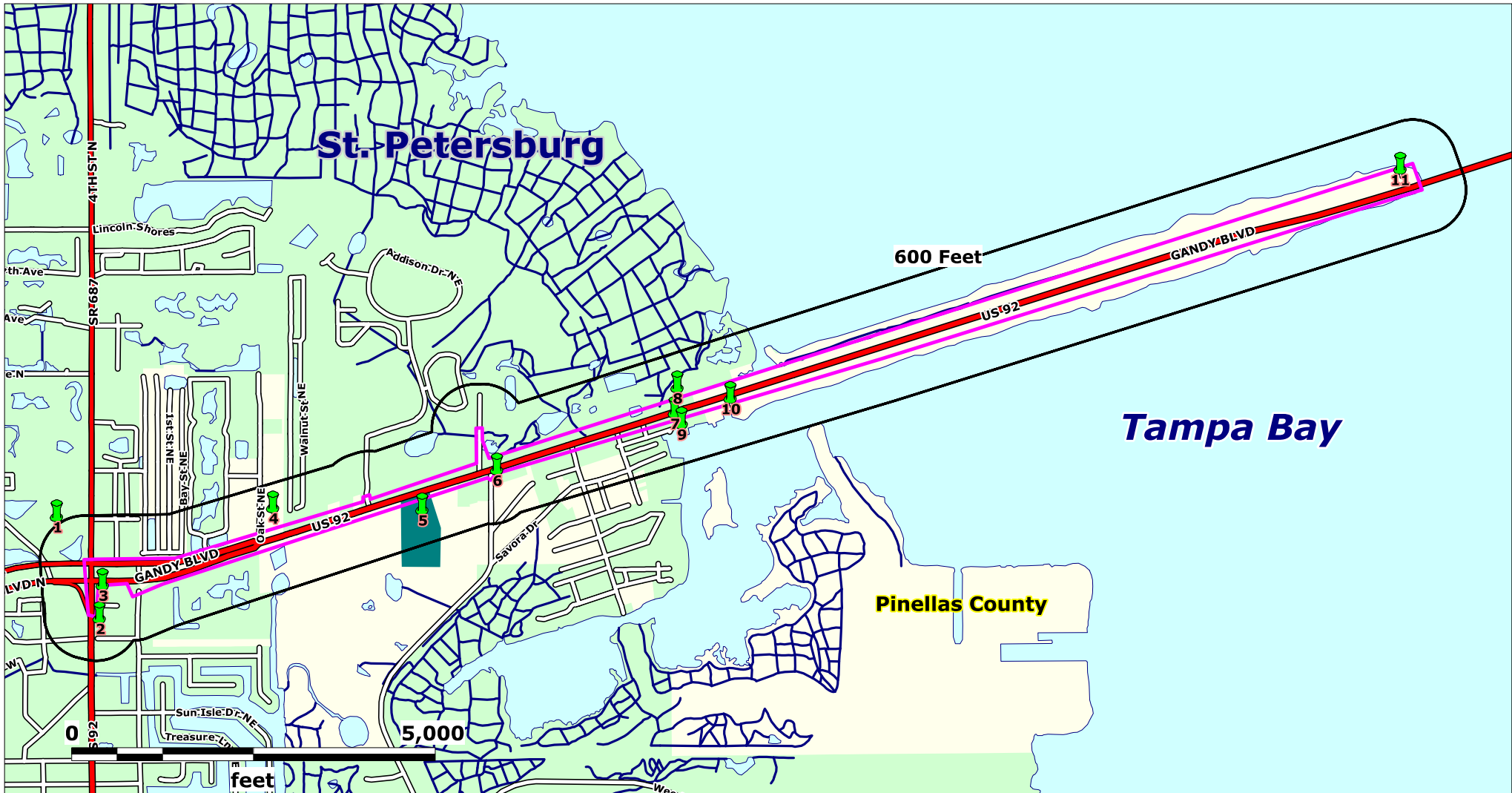
Lat (DMS): 27 52' 17.2776"
Lon (DMS): -82 36' 38.826"

EDM Job No: 25682
June 30, 2021

- Approximate Site Boundary
- NPL, STNPL, CERCLIS, SEMSACTV, SEMSARCH and SLDWST_LF sites - 600 Feet
- NPLLIENS, CORRACTS, NFRAP, STCERC, LUST, BRWNFLDS, VOLCLNUP, DRY & INSTENG sites - 600 Feet



Custom Radius Research Report Street Map



Source: US Census Bureau TIGER Files

Map Scale and Site Locations are Approximate

Subject Property

Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, Florida

Lat (DMS): 27 52' 17.2776"

Lon (DMS): -82 36' 38.826"

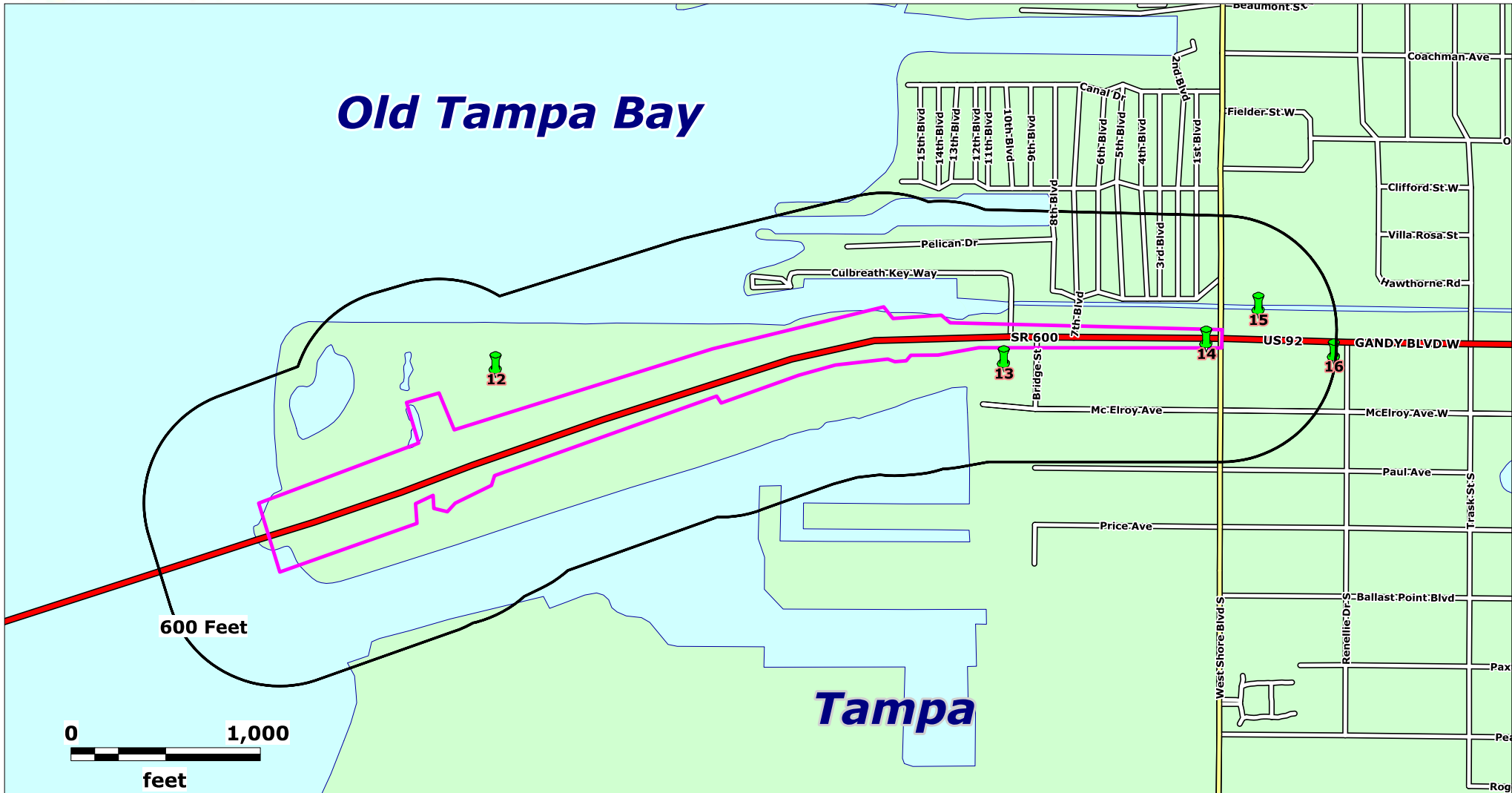
EDM Job No: 25682

June 30, 2021

- Approximate Site Boundary
- NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF sites - 600 Feet
- NPLLIENS, CORRACTS, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY & INSTENG sites - 600 Feet



Custom Radius Research Report Street Map



Source: US Census Bureau TIGER Files

Map Scale and Site Locations are Approximate

Subject Property

Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, Florida

Lat (DMS): 27 52' 17.2776"
Lon (DMS): -82 36' 38.826"

EDM Job No: 25682
June 30, 2021

- Approximate Site Boundary
- NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF sites - 600 Feet
- NPLLIENS, CORRACTS, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY & INSTENG sites - 600 Feet



Source: Florida Department of Transportation

Map Scale and Site Locations are Approximate



Subject Property

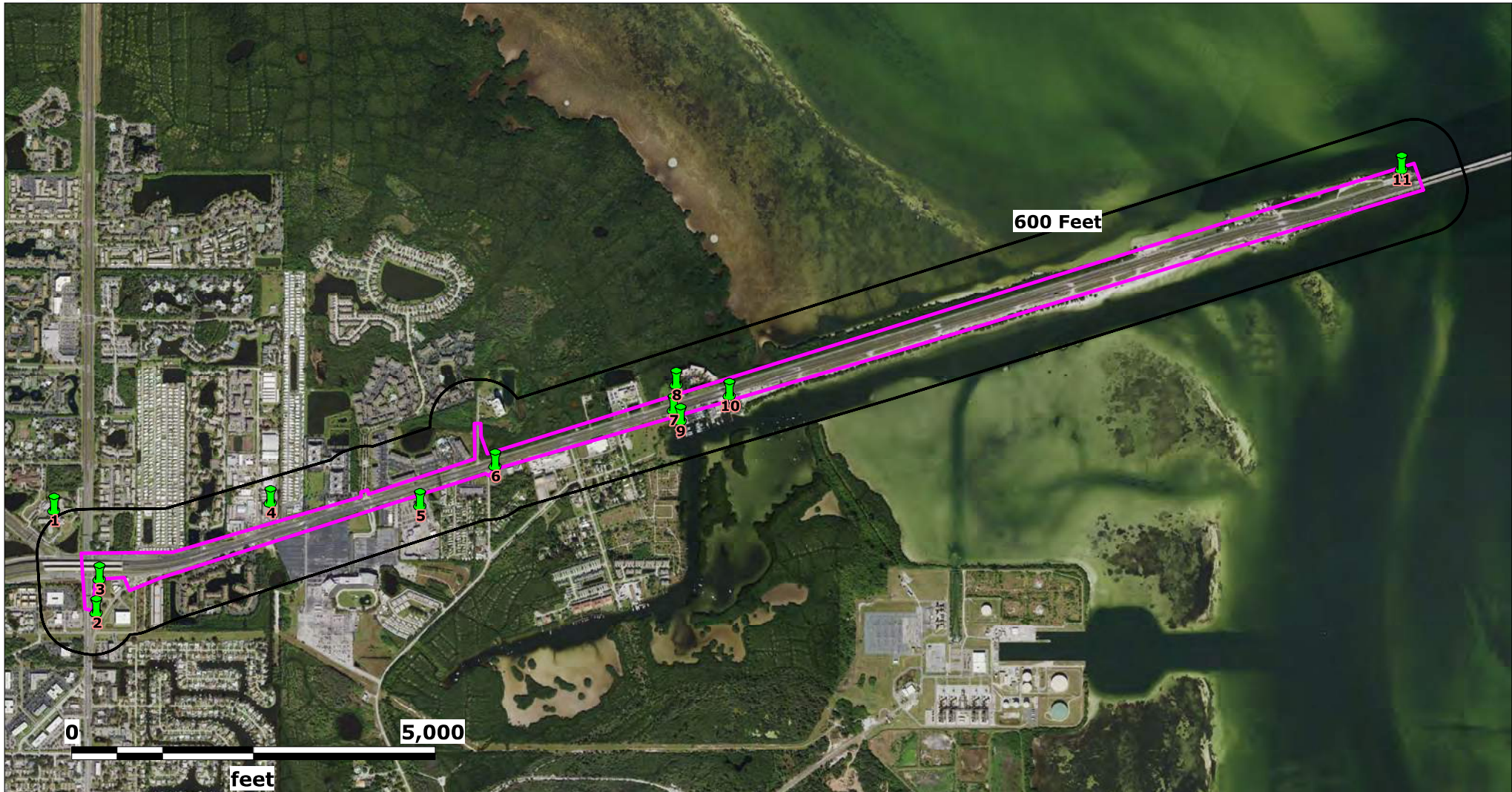
Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, Florida

Lat (DMS): 27 52' 17.2776"

Lon (DMS): -82 36' 38.826"

EDM Job No: 25682
June 30, 2021

- Approximate Site Boundary
-  NPL, STNPL, CERCLIS, SEMSACTV, SEMSARCH and SLDWST_LF sites - 600 Feet
-  NPPLIENS. CORRACTS, NFRAP, STCERC, LUST, BRWNFLDS, VOLCLNUP, DRY & INSTENG sites - 600 Feet



Source: Florida Department of Transportation

Map Scale and Site Locations are Approximate

Subject Property

Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, Florida

Lat (DMS): 27 52' 17.2776"

Lon (DMS): -82 36' 38.826"

EDM Job No: 25682
June 30, 2021

Approximate Site Boundary



NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF sites - 600 Feet



NPLLIENS. CORRACTS, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY & INSTENG sites - 600 Feet



Source: Florida Department of Transportation

Map Scale and Site Locations are Approximate


Subject Property

Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, Florida

Lat (DMS): 27 52' 17.2776"

Lon (DMS): -82 36' 38.826"

EDM Job No: 25682
June 30, 2021

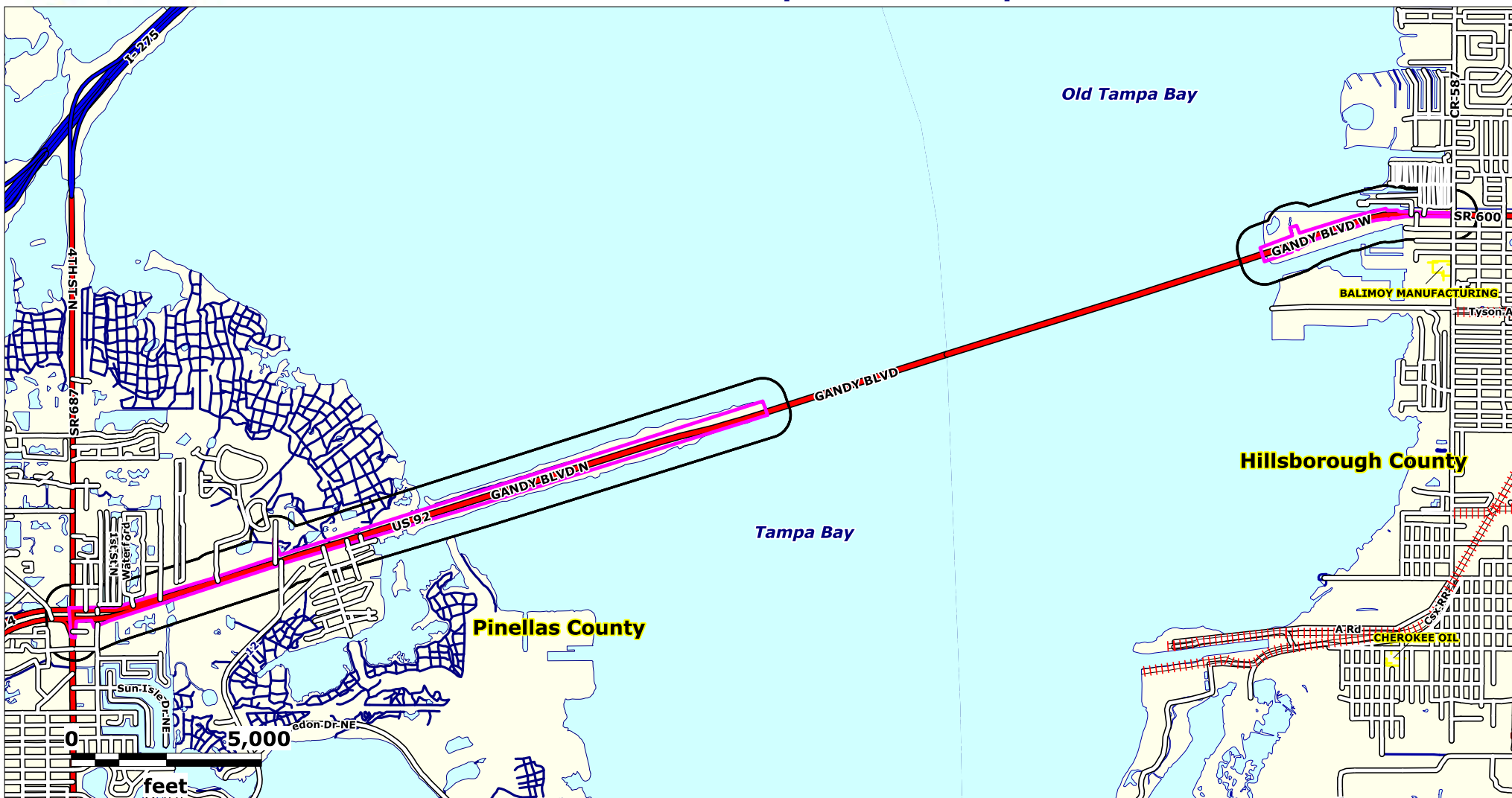
 Approximate Site Boundary



NPL, STNPL, CERCLIS, SEMSACTV,
SEMSARCH and SLDWST_LF sites - 600 Feet



NPPLIENS. CORRACTS, NFRAP,
STCERC, LUST, BRWNFLDS, VOLCLNUP,
DRY & INSTENG sites - 600 Feet



Source: FDEP and USEPA Geodata

Map Scale and Site Locations are Approximate

Subject Property

Gandy from 4th Street
to West Shore Boulevard
Pinellas & Hillsborough Counties, Florida

Lat (DMS): 27 52' 17.2776"
Lon (DMS): -82 36' 38.826"

EDM Job No: 25682
June 30, 2021



FDEP
Brownfield Areas



FDEP
Brownfield Sites



USEPA NPL &
FDEP STNPL Sites



FDEP Delineated
GW Contamination



Formerly Used
Defense Sites
FUDS



FUDS Munitions
Response Areas



FDEP Cattle
Dipping Vat



FDEP Solid
Waste Sites



Institutional
Controls

— Approximate Site Boundary

ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Site Summary Table

Report Date: 6/30/2021

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	9100377	0.11	4.16	Higher	BON SECOURS-MARIA MANOR NURSING HOME	10300 4TH ST N SAINT PETERSBURG, FL 337163814
STCERC	9100377CLN	0.11	4.16	Higher	BON SECOURS-MARIA MANOR NURSING HOME	10300 4TH ST N SAINT PETERSBURG, FL 337163814
2						
LUST	8623518	0.03	4.12	Higher	FORMER AMOCO #1463-JIMS TRIANGLE	9901 4TH ST N SAINT PETERSBURG, FL 337022201
STCERC	8623518CLN	0.03	4.12	Higher	FORMER AMOCO #1463-JIMS TRIANGLE	9901 4TH ST N SAINT PETERSBURG, FL 337022201
3						
LUST	8623360	0.01	4.12	Higher	MOBIL-WHITEWAY #545	10021 4TH ST N SAINT PETERSBURG, FL 337022203
STCERC	8623360CLN	0.01	4.12	Higher	MOBIL-WHITEWAY #545	10021 4TH ST N SAINT PETERSBURG, FL 337022203
4						
LUST	8943143	0.03	6.83	Higher	BARNEY'S MOTORCYCLE SALES INC	10411 GANDY BLVD N SAINT PETERSBURG, FL 337022307
LUST	9200368	0.03	6.83	Higher	BARNEY'S MOTORCYCLE SALES INC	10375 OAK ST NE SAINT PETERSBURG, FL 33702
STCERC	9200368CLN	0.03	6.83	Higher	BARNEY'S MOTORCYCLE SALES INC	10375 OAK ST NE SAINT PETERSBURG, FL 33702
5						
LUST	8944861	0.05	3.62	Higher	GOODWILL INDUSTRIES-SUNCOAST INC	10596 GANDY BLVD N SAINT PETERSBURG, FL 337021422
6						
LUST	8842410	0.01	4.01	Higher	TIMM'S STATION	10700 GANDY BLVD N SAINT PETERSBURG, FL 337021426
7						
LUST	9600674	0.00	1.98	Higher	PIRATES LANDING	12020 GANDY BLVD SAINT PETERSBURG, FL 33702
8						
LUST	9201309	0.00	3.36	Higher	RACETRAC #441	12025 GANDY BLVD SAINT PETERSBURG, FL 33701
9						
LUST	9202351	0.04	0.33	Higher	MARINER YACHT SALES INC	12022 GANDY BLVD SAINT PETERSBURG, FL 33702
10						
LUST	8840880	0.01	1.11	Higher	I C SHARKS	13050 GANDY BLVD N SAINT PETERSBURG, FL 337021552
11						
VOLCLNUP	ERIC_9917	0.00	0.00	-	GANDY BRIDGE PARK AND RIDE (FORMER)	WEST GANDY BLVD ST PETERSBURG, FL
12						
LUST	8625404	0.04	7.41	Higher	US MARINE CORPS RESERVE	5121 W GANDY BLVD TAMPA, FL 336113008
13						
LUST	8625224	0.02	4.83	Higher	COASTAL MART #603	5002 W GANDY BLVD TAMPA, FL 336113007
14						
STCERC	ERIC_9193CLN	0.00	0.00	-	DANMARK RECLAMATION CORP	4808 WEST PAUL AVENUE TAMPA, FL 33611
VOLCLNUP	ERIC_9193	0.00	0.00	-	DANMARK RECLAMATION CORP	4808 WEST PAUL AVENUE TAMPA, FL
15						
LUST	8625042	0.04	6.29	Higher	7-ELEVEN STORE #37149	4747 W GANDY BLVD TAMPA, FL 336113307
16						
LUST	8625651	0.11	5.75	Higher	CITGO-GANDY #372	4702 W GANDY BLVD TAMPA, FL 336113308
STCERC	8625651CLN	0.11	5.75	Higher	CITGO-GANDY #372	4702 W GANDY BLVD TAMPA, FL 336113308



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FDEP SITE INVESTIGATION SECTION SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

Report Date: 6/30/2021

STCERC Page 1 of 1

FACILITY NAME AND LOCATION:

BON SECOURS-MARIA MANOR NURSING HOME
10300 4TH ST N
SAINT PETERSBURG, FL 33716 3814

AGENCY SITE LAT/LON:

27.866669536744
-82.64057395138

MAP ID NUMBER:

Dist (Miles): 0.11
Direction:
Elev (Ft): 4.16
Elev vs Sub Prop: Higher

1

STCERC

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

FDEP SITE INVESTIGATION SECTION INFO:

SITE NO: 9100377 **DISTRICT:** SWD
ALT SITE NO:

FDEP CLEANUP SITES INFO:

FDEP CLEANUP NO: 67513740 **CLEANUP SITES PGM AREA:** TK
CLEANUP SITES SOURCE: STCM **CLEANUP SITES CATEGORY:** PETRO
CLEANUP SITES SOURCE ID: 9100377 **CLEANUP SITES REMED STATUS:** PENDING
CLEANUP SITES COMMENTS: PENDING

FDER SITES LIST INFO:

SITE NUMBER: **PROJECT MGR:** **STATUS:**
LEAD UNIT: **ATTORNEY:** **STATUS DATE:**
SUPPORT UNIT:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

9100377
BON SECOURS-MARIA MANOR NURSING HOME
10300 4TH ST N
SAINT PETERSBURG, FL 33716-3814

OWNERSHIP INFO:

ACCOUNT OWNER
BON SECOURS-MARIA MANO
10300 4TH ST N ATTN: STORAGE TA
SAINT PETERSBURG, FL 33716-3814
(727)638-1031
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,51,59.9918 82,38,26.0538
FAC OPERATOR: DANIEL FINN
FAC TEL #: (727)568-1020

MAP ID NUMBER:

Dist (Miles): 0.11
Direction:
Elev (Ft): 4.16
Elev vs Higher
Sub Prop:

1

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

FAC STATUS: OPEN

FAC TYPE: C - Fuel user/Non-retail

SCORE 10

SCORE EFF DT: 4/30/1999

RANK: 8533

SCORE WHEN RANKED: 10

DISCHARGE INFORMATION

DISCHARGE DATE: 10/10/1990

Mapid: 1

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: AWAITING

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 5/29/1998 RA - RA ONGOING

CONTAMINATED MEDIA?: SOIL: N SUR WATER: N GR WATER: Y MON WELL: Y # DW WELLS CONTAMINATED: 0

POLLUTANT : G - Emerg Generator Diesel

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 1

PGM ELIG OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 400000

CLNUP PROG: C - PETROLEUM CLEANUP PA

CLNUP OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

SITE ASSESSMENT

CLNP RESP: OTHER - OTHER

FUND ELLIG: -

ACTUAL COMPLETION DATE: 10-17-1995

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: -

FUND ELLIG: -

ORDER APPRV DATE: 2/28/1997

ACTUAL COMPL DATE: 02-28-1997

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

DISCHARGE INFORMATION

DISCHARGE DATE: 7/13/1994

Mapid: 1

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED? N - NO CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 10/29/2001 NREQ - CLEANUP NOT REQUIRED

CONTAMINATED MEDIA?: SOIL: SUR WATER: GR WATER: MON WELL: # DW WELLS CONTAMINATED:

POLLUTANT: M - FUEL OIL - ONSITE HEAT

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 1

PGM ELIG OFF: -

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: INELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: A - ABANDONED TANK RESTO

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:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

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:



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FDEP SITE INVESTIGATION SECTION SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

Report Date: 6/30/2021

STCERC Page 1 of 1

FACILITY NAME AND LOCATION:

FORMER AMOCO #1463-JIMS TRIANGLE
9901 4TH ST N
SAINT PETERSBURG, FL 33702 2201

AGENCY SITE LAT/LON:

27.862546813873
-82.63846733994

MAP ID NUMBER:

2

Dist (Miles): 0.03

Direction:

Elev (Ft): 4.12

Elev vs Sub Prop: Higher

STCERC

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

FDEP SITE INVESTIGATION SECTION INFO:

SITE NO: 8623518

DISTRICT: SWD

ALT SITE NO:

FDEP CLEANUP SITES INFO:

FDEP CLEANUP NO: 67512610

CLEANUP SITES SOURCE: STCM

CLEANUP SITES SOURCE ID: 8623518

CLEANUP SITES COMMENTS: PENDING

CLEANUP SITES PGM AREA: TK

CLEANUP SITES CATEGORY: PETRO

CLEANUP SITES REMED STATUS: PENDING

FDER SITES LIST INFO:

SITE NUMBER:

PROJECT MGR:

STATUS:

LEAD UNIT:

ATTORNEY:

STATUS DATE:

SUPPORT UNIT:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8623518
FORMER AMOCO #1463-JIMS TRIANGLE
9901 4TH ST N
SAINT PETERSBURG, FL 33702-2201

OWNERSHIP INFO:

ACCOUNT OWNER
BP PRODUCTS NORTH AMERI
PO BOX 6038
ARTESIA, CA 90702-6038
(732)743-0901
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,51,45.15 82,38,18.47
FAC OPERATOR: TOM TOMKINS
FAC TEL #: (305)938-2735

MAP ID NUMBER:

Dist (Miles): 0.03
Direction:
Elev (Ft): 4.12
Elev vs Higher
Sub Prop:

2

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

FAC STATUS: CLOSED FAC TYPE: A - Retail Station

SCORE 11 SCORE EFF DT: 11/4/1997 RANK: 8060 SCORE WHEN RANKED: 11

DISCHARGE INFORMATION

DISCHARGE DATE: 11/30/1988

Mapid: 2

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: ACTIVE

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 3/12/1991 RAP - RAP ONGOING

CONTAMINATED MEDIA?: SOIL: Y SUR WATER: N GR WATER: Y MON WELL: Y # DW WELLS CONTAMINATED: 0

POLLUTANT: Y - Unknown/Not Reported

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 2

PGM ELIG OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

PGM ELIG SCORE: 11

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: E - EARLY DETECTION INCEN

CLNUP OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

SITE ASSESSMENT

CLNP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE: 02-13-1990

PAYMENT DATE:

ACTUAL COST: \$82,234.34

REMEDIAL ACTION PLAN

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ORDER APPRV DATE: 3/28/1991

ACTUAL COMPL DATE: 03-28-1991

PAYMENT DATE: 02-04-1993

ACTUAL COST: \$23,503.86

REMEDIAL ACTION

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COST: \$27,710.09

YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

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:



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FDEP SITE INVESTIGATION SECTION SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

Report Date: 6/30/2021

STCERC Page 1 of 1

FACILITY NAME AND LOCATION:

MOBIL-WHITEWAY #545
10021 4TH ST N
SAINT PETERSBURG, FL 33702 2203

AGENCY SITE LAT/LON:

27.863826564226
-82.63844647846

MAP ID NUMBER:

3

Dist (Miles): 0.01

Direction:

Elev (Ft): 4.12

Elev vs Sub Prop: Higher

STCERC

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

FDEP SITE INVESTIGATION SECTION INFO:

SITE NO: 8623360

DISTRICT: SWD

ALT SITE NO:

FDEP CLEANUP SITES INFO:

FDEP CLEANUP NO: 67509748

CLEANUP SITES SOURCE: STCM

CLEANUP SITES SOURCE ID: 8623360

CLEANUP SITES COMMENTS: ACTIVE

CLEANUP SITES PGM AREA: TK

CLEANUP SITES CATEGORY: PETRO

CLEANUP SITES REMED STATUS: ACTIVE

FDER SITES LIST INFO:

SITE NUMBER:

PROJECT MGR:

STATUS:

LEAD UNIT:

ATTORNEY:

STATUS DATE:

SUPPORT UNIT:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 4

FACILITY ID NUMBER, NAME AND LOCATION

8623360
MOBIL-WHITEWAY #545
10021 4TH ST N
SAINT PETERSBURG, FL 33702-2203

OWNERSHIP INFO:

ACCOUNT OWNER
AUTOMATED PETROLEUM & E
PO BOX 1110 ATTN: STORAGE TANK
BRANDON, FL 33509-1110
(813)681-4279
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,51,49.7571 82,38,18.3949
FAC OPERATOR: RICK HERWEH
FAC TEL #: (813)681-4279

MAP ID NUMBER:

Dist (Miles): 0.01
Direction:
Elev (Ft): 4.12
Elev vs Higher
Sub Prop:

3

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

FAC STATUS: OPEN

FAC TYPE: A - Retail Station

SCORE 8

SCORE EFF DT: 12/4/2008

RANK: 8533

SCORE WHEN RANKED: 10

DISCHARGE INFORMATION

DISCHARGE DATE: 11/28/1988

Mapid: 3

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: ACTIVE

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 11/3/2016 RA - RA ONGOING

CONTAMINATED MEDIA?: SOIL: Y SUR WATER: N GR WATER: Y MON WELL: Y # DW WELLS CONTAMINATED: 0

POLLUTANT : -

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 4

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

PGM ELIG SCORE: 8

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: E - EARLY DETECTION INCEN

CLNUP OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

SITE ASSESSMENT

CLNP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE: 10-07-1991

PAYMENT DATE:

ACTUAL COST: \$48,327.80

REMEDIAL ACTION PLAN

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ORDER APPRV DATE: 3/2/1992

ACTUAL COMPL DATE: 03-02-1992

PAYMENT DATE: 08-04-1993

ACTUAL COST: \$18,790.13

REMEDIAL ACTION

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COST: \$67,313.61

YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

COMMENTS:

SOURCE REMOVAL

CLEANUP RESP: RP - RESPONSIBLE PARTY

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 3 of 4

DISCHARGE INFORMATION

DISCHARGE DATE: 12/29/1989

Mapid: 3

INSPECTION DATE:

CLEANUP WORK STATUS: ACTIVE

CLEANUP REQUIRED? C - COMBINED CLEANUP REQUIRED CLEANUP COMBINED: 11/28/1988

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 2/4/1998 ENTD - ELIGIBLE - NO TASK LEVEL DATA

CONTAMINATED MEDIA?: SOIL: SUR WATER: GR WATER: MON WELL: # DW WELLS CONTAMINATED:

POLLUTANT: Y - Unknown/Not Reported

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

PGM ELIG SCORE: 8

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 1200000

CLNUP PROG: P - PETROLEUM LIABILITY AN

CLNUP OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

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:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 4 of 4

DISCHARGE INFORMATION

DISCHARGE DATE: 10/23/1993

Mapid: 3

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: ACTIVE

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 1/18/1994 ENTD - ELIGIBLE - NO TASK LEVEL DATA

CONTAMINATED MEDIA?: SOIL:

SUR WATER:

GR WATER:

MON WELL:

DW WELLS CONTAMINATED:

POLLUTANT : B - Unleaded Gas

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

PGM ELIG SCORE: 8

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 1200000

CLNUP PROG: P - PETROLEUM LIABILITY AN

CLNUP OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

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 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:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

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:



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FDEP SITE INVESTIGATION SECTION SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

Report Date: 6/30/2021

STCERC Page 1 of 1

FACILITY NAME AND LOCATION:

-HISTORICAL ENTRY-

BARNEY'S MOTORCYCLE SALES INC
10375 OAK ST NE
SAINT PETERSBURG, FL 33702

AGENCY SITE LAT/LON:

27.866393171991
-82.63138939285

MAP ID NUMBER:

4

Dist (Miles): 0.03

Direction:

Elev (Ft): 6.83

Elev vs Sub Prop: Higher

STCERC

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

FDEP SITE INVESTIGATION SECTION INFO:

SITE NO: 9200368

DISTRICT: SWD

ALT SITE NO:

FDEP CLEANUP SITES INFO:

FDEP CLEANUP NO: 55877787

CLEANUP SITES SOURCE: STCM

CLEANUP SITES SOURCE ID: 9200368

CLEANUP SITES COMMENTS: ACTIVE

CLEANUP SITES PGM AREA: TK

CLEANUP SITES CATEGORY: PETRO

CLEANUP SITES REMED STATUS: ACTIVE

FDER SITES LIST INFO:

SITE NUMBER:

PROJECT MGR:

STATUS:

LEAD UNIT:

ATTORNEY:

STATUS DATE:

SUPPORT UNIT:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 4

FACILITY ID NUMBER, NAME AND LOCATION

8943143
BARNEY'S MOTORCYCLE SALES INC
10411 GANDY BLVD N
SAINT PETERSBURG, FL 33702-2307

OWNERSHIP INFO:

ACCOUNT OWNER
BARNEYS MOTORCYCLE SAL
10411 GANDY BLVD N
SAINT PETERSBURG, FL 33702-2307
(813)573-1148
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,51,58.85 82,37,52.01
FAC OPERATOR: HEMPSTEAD, RAY
FAC TEL #: (813)576-1148

MAP ID NUMBER:

Dist (Miles): 0.03
Direction:
Elev (Ft): 6.83
Elev vs Higher
Sub Prop:

4

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

FAC STATUS: CLOSED FAC TYPE: C - Fuel user/Non-retail

SCORE SCORE EFF DT: RANK: SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 12/30/1988

Mapid: 4

INSPECTION DATE:

CLEANUP REQUIRED? N - NO CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 5/29/2001 NREQ - CLEANUP NOT REQUIRED

CONTAMINATED MEDIA?: SOIL: SUR WATER: GR WATER: MON WELL: # DW WELLS CONTAMINATED:

POLLUTANT: Y - UNKNOWN/NOT REPORTED

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 4

CLEANUP INFORMATION

Mapid: 4

PGM ELIG OFF: -

PGM ELIG SCORE:

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: INELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: E - EARLY DETECTION INCEN

CLNUP OFF: -

SITE ASSESSMENT

CLNP RESP: ST - STATE

FUND ELLIG: -

ACTUAL COMPLETION DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ORDER APPRV DATE:

ACTUAL COMPL DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

COMMENTS:

SOURCE REMOVAL

CLEANUP RESP: ST - STATE

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 3 of 4

FACILITY ID NUMBER, NAME AND LOCATION

9200368
BARNEY'S MOTORCYCLE SALES INC
10375 OAK ST NE
SAINT PETERSBURG, FL 33702-

OWNERSHIP INFO:

ACCOUNT OWNER
BARNEYS MOTORCYCLE SAL
10411 GANDY BLVD N
SAINT PETERSBURG, FL 33702-2307
(813)573-1148
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,51,58.9969 82,37,52.9894
FAC OPERATOR: BARNEY'S MOTORCYCLE SALES INC
FAC TEL #: (813)576-1148

MAP ID NUMBER:

Dist (Miles): 0.03
Direction:
Elev (Ft): 6.83
Elev vs Higher
Sub Prop:

4

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

FAC STATUS: CLOSED FAC TYPE: C - Fuel user/Non-retail

SCORE 10 SCORE EFF DT: 11/29/1999 RANK: 8533 SCORE WHEN RANKED: 10

DISCHARGE INFORMATION

DISCHARGE DATE: 12/5/1991

Mapid: 4

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 1/7/2019 SRCR - SRCR COMPLETE

CONTAMINATED MEDIA?: SOIL: Y SUR WATER: N GR WATER: N MON WELL: N # DW WELLS CONTAMINATED: 0

POLLUTANT: A - Leaded Gas

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 4 of 4

CLEANUP INFORMATION

Mapid: 4

PGM ELIG OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: A - ABANDONED TANK RESTO

CLNUP OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

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:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8944861
GOODWILL INDUSTRIES-SUNCOAST INC
10596 GANDY BLVD N
SAINT PETERSBURG, FL 33702-1422

OWNERSHIP INFO:

ACCOUNT OWNER
GOODWILL INDUSTRIES
PO BOX 14456
SAINT PETERSBURG, FL 33733-4456
(813)576-3819
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,51,54.2575 82,37,26.9648
FAC OPERATOR: MAC GILBERT
FAC TEL #: (727)523-1512

MAP ID NUMBER:

Dist (Miles): 0.05
Direction:
Elev (Ft): 3.62
Elev vs Higher
Sub Prop:

5

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

FAC STATUS: CLOSED FAC TYPE: C - Fuel user/Non-retail

SCORE 10 SCORE EFF DT: 1/6/1998 RANK: SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 2/3/1994

Mapid: 5

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 6/14/1995 NFA - NFA COMPLETE

CONTAMINATED MEDIA?: SOIL: SUR WATER: GR WATER: MON WELL: # DW WELLS CONTAMINATED:

POLLUTANT : D - VEHICULAR DIESEL

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 5

PGM ELIG OFF: -

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 300000

CLNUP PROG: P - PETROLEUM LIABILITY AN

CLNUP OFF: -

SITE ASSESSMENT

CLNP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE: 06-12-1995

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: 04-03-1995

REVIEW DATE: 06-12-1995

ISSUE DATE: 06-14-1995

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 06-12-1995

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8842410
TIMM'S STATION
10700 GANDY BLVD N
SAINT PETERSBURG, FL 33702-1426

OWNERSHIP INFO:

ACCOUNT OWNER
RICHARD GUAGLIARDO
PO BOX 265
VALRICO, FL 33594-265
(813)681-4662

COUNTY ID: 52 PINELLAS

AGCY LAT/LON(DMS): 27,52,4.6803 82,37,20.4714

FAC OPERATOR: HARVEY BUNTZ

FAC TEL #: (813)681-4662

MAP ID NUMBER:

Dist (Miles): 0.01

Direction:

Elev (Ft): 4.01

Elev vs Higher

Sub Prop:

6

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

FAC STATUS: CLOSED

FAC TYPE: A - Retail Station

SCORE

SCORE EFF DT:

RANK:

SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 12/19/1988

Mapid: 6

INSPECTION DATE:

CLEANUP REQUIRED? N - NO CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 5/29/2001 NREQ - CLEANUP NOT REQUIRED

CONTAMINATED MEDIA?: SOIL:

SUR WATER:

GR WATER:

MON WELL:

DW WELLS CONTAMINATED:

POLLUTANT : -

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 6

PGM ELIG OFF: -

PGM ELIG SCORE:

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: INELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: E - EARLY DETECTION INCEN

CLNUP OFF: -

SITE ASSESSMENT

CLNP RESP: ST - STATE

FUND ELLIG: -

ACTUAL COMPLETION DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ORDER APPRV DATE:

ACTUAL COMPL DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

COMMENTS:

SOURCE REMOVAL

CLEANUP RESP: ST - STATE

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

9600674
PIRATES LANDING
12020 GANDY BLVD
SAINT PETERSBURG, FL 33702-

OWNERSHIP INFO:

FACILITY OWNER
THOMAS A KING ESTATE
%FISHER & SAULS PA PO BOX 387
SAINT PETERSBURG, FL 33731-
(813)822-2033
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,52,12.2448 82,36,52.2413
FAC OPERATOR:
FAC TEL #:

MAP ID NUMBER:

Dist (Miles): 0.00
Direction:
Elev (Ft): 1.98
Elev vs Higher
Sub Prop:

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

FAC STATUS: CLOSED FAC TYPE: X - Contamination Site

SCORE SCORE EFF DT: RANK: SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 2/12/1996

Mapid: 7

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: P - 17-770 PETROL/PETROL PROD CONTAMINATION

DISCH CLNUP STATUS: 12/16/1996 NFA - NFA COMPLETE

CONTAMINATED MEDIA?: SOIL: SUR WATER: GR WATER: MON WELL: # DW WELLS CONTAMINATED:

POLLUTANT : -

GALLONS

OTHER

CLEANUP WORK STATUS: COMPLETED



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 7

PGM ELIG OFF: -

PGM ELIG SCORE:

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: NOT ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: O - OTHER

CLNUP OFF: -

SITE ASSESSMENT

CLNP RESP: -

FUND ELLIG: -

ACTUAL COMPLETION DATE: 12-16-1996

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:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: NFA - NO FURTHER ACTION

SUBMIT DATE: 06-01-1996

REVIEW DATE: 12-09-1996

ISSUE DATE: 12-16-1996

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 12-16-1996

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

9201309
RACETRAC #441
12025 GANDY BLVD
SAINT PETERSBURG, FL 33701-

OWNERSHIP INFO:

ACCOUNT OWNER
RACETRAC PETROLEUM INC
200 GALLERIA PKWY SE STE 900
ATLANTA, GA 30339-5945
(770)431-7600
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,52,16.8265 82,36,49.6077
FAC OPERATOR: JORDAN WOODFIN
FAC TEL #: (770)431-7600

MAP ID NUMBER:

Dist (Miles): 0.00
Direction:
Elev (Ft): 3.36
Elev vs Higher
Sub Prop:

8

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

FAC STATUS: OPEN

FAC TYPE: A - Retail Station

SCORE 8

SCORE EFF DT: 2/3/2009

RANK:

SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 11/14/2007

Mapid: 8

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 8/24/2012 SRCR - SRCR COMPLETE

CONTAMINATED MEDIA?: SOIL: Y SUR WATER: N GR WATER: N MON WELL: N # DW WELLS CONTAMINATED:

POLLUTANT: B - Unleaded Gas

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 8

PGM ELIG OFF:

PGM ELIG SCORE:

PGM ELIG SCORE EFF DT:

PGM ELIG RA

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: PCLP52 - FL DOH IN PINELLAS COUNTY

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: 08-25-2010

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL: 0

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: SRCR - SITE REHABILITATION COMPLETION REPORT

SUBMIT DATE: 06-21-2012

REVIEW DATE: 07-13-2012

ISSUE DATE: 08-24-2012

COMPL STATUS: C - COMPLETE

COMPL STATUS DT: 07-13-2012

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

TANKS Data for LUST Sites:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

9202351
MARINER YACHT SALES INC
12022 GANDY BLVD
SAINT PETERSBURG, FL 33702-

OWNERSHIP INFO:

ACCOUNT OWNER
MCELHATTAN, THOMAS P
12022 GANDY BLVD
SAINT PETERSBURG, FL 33702-
(813)521-1292
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,52,12.67 82,36,50.37
FAC OPERATOR: RUSSO, MELODY
FAC TEL #: (813)875-1115

MAP ID NUMBER:

Dist (Miles): 0.04
Direction:
Elev (Ft): 0.33
Elev vs Higher
Sub Prop:

9

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

FAC STATUS: CLOSED FAC TYPE: C - Fuel user/Non-retail

SCORE 10 SCORE EFF DT: 1/6/1998 RANK: SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 5/18/1992

Mapid: 9

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 12/15/1995 NFA - NFA COMPLETE

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



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 9

PGM ELIG OFF: -

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: PARTIAL

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: A - ABANDONED TANK RESTO

CLNUP OFF: -

SITE ASSESSMENT

CLNP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE: 12-12-1995

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: 11-13-1995

REVIEW DATE: 12-12-1995

ISSUE DATE: 12-15-1995

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 12-12-1995

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8840880
I C SHARKS
13050 GANDY BLVD N
SAINT PETERSBURG, FL 33702-1552

OWNERSHIP INFO:

ACCOUNT OWNER
I C SHARKS LLC
13090 GANDY BLVD N
ST PETERSBURG, FL 33702-
(727)578-8845
COUNTY ID: 52 PINELLAS
AGCY LAT/LON(DMS): 27,52,13.6988 82,36,40.4795
FAC OPERATOR: PAIGE HARPER
FAC TEL #: (727)578-8845

MAP ID NUMBER:

Dist (Miles): 0.01
Direction:
Elev (Ft): 1.11
Elev vs Higher
Sub Prop:

10

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

FAC STATUS: CLOSED FAC TYPE: V - Marine/Coastal Fuel Storage

SCORE SCORE EFF DT: RANK: SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 9/29/2010

Mapid: 10

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 1/19/2011 SRCR - SRCR COMPLETE

CONTAMINATED MEDIA?: SOIL: Y SUR WATER: N GR WATER: N MON WELL: N # DW WELLS CONTAMINATED:

POLLUTANT: B - Unleaded Gas

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 10

PGM ELIG OFF:

PGM ELIG SCORE:

PGM ELIG SCORE EFF DT:

PGM ELIG RA

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: PCTM6 - PETROLEUM CLEANUP TEAM 6

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: SRCR - SITE REHABILITATION COMPLETION REPORT

SUBMIT DATE: 10-26-2010

REVIEW DATE: 11-30-2010

ISSUE DATE: 01-19-2011

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 11-30-2010

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:



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FDEP VOLUNTARY CLEANUP SITES

(VOLCLNUP)

Report Date: 6/30/2021

VOLCLNUP Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

ERIC_9917
GANDY BRIDGE PARK AND RIDE (FORMER)
WEST GANDY BLVD
ST PETERSBURG, FL 33702

COUNTY: Pinellas

DISTRICT: TAL

AGENCY LAT: 27.8794371042515

AGENCY LON: -82.5833666483531

MAP ID NUMBER:

11

Dist (Miles): 0.00

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: 138013

SOURCE FAC NAME: GANDY BRIDGE PARK AND RIDE (FORMER)

SITE STATUS: CLOSED

PROGRAM: Responsible Party Cleanup

PROGRAM STATUS: COMPLETE

SITE MANAGER:

DISCH DATE: 1970/01/01

OFFSITE CONTAM KEY?: CONTAMUNKNOWN

INST CONTROL?: N

SITE PHASE: Phase 0 - Discovery

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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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8625404
US MARINE CORPS RESERVE
5121 W GANDY BLVD
TAMPA, FL 33611-3008

OWNERSHIP INFO:

TANK OWNER
US MARINE CORPS RESERVE
5121 W GANDY BLVD
TAMPA, FL 33611-3008
(813)839-8486
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,53,36.1707 82,32,21.6563
FAC OPERATOR: MARINE CORPS RESERVE
FAC TEL #: (813)839-8486

MAP ID NUMBER:

Dist (Miles): 0.04
Direction:
Elev (Ft): 7.41
Elev vs Higher
Sub Prop:

12

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

FAC STATUS: CLOSED FAC TYPE: F - Federal Government

SCORE 9

SCORE EFF DT: 9/4/2002

RANK:

SCORE WHEN RANKED:

DISCHARGE INFORMATION

DISCHARGE DATE: 1/12/1995

Mapid: 12

INSPECTION DATE:

CLEANUP REQUIRED? N - NO CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 5/7/2003 NREQ - CLEANUP NOT REQUIRED

CONTAMINATED MEDIA?: SOIL: SUR WATER: GR WATER: MON WELL: # DW WELLS CONTAMINATED:

POLLUTANT : VEHICULAR DIESEL

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 12

PGM ELIG OFF: -

PGM ELIG SCORE: 9

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: NOT ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: O - OTHER

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:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8625224
COASTAL MART #603
5002 W GANDY BLVD
TAMPA, FL 33611-3007

OWNERSHIP INFO:

ACCOUNT OWNER
JOY FOOD STORES INC
205 S HOOVER ST #400 ATTN: SHER
TAMPA, FL 33609-
(813)286-2323
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,53,34.61
FAC OPERATOR: SCURLOCK, RICK
FAC TEL #: (813)684-3844

MAP ID NUMBER:

Dist (Miles): 0.02
Direction:
Elev (Ft): 4.83
Elev vs
Sub Prop: Higher

13

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

FAC STATUS: CLOSED FAC TYPE: A - Retail Station

SCORE 10 SCORE EFF DT: 11/4/1997 RANK: 8533 SCORE WHEN RANKED: 10

DISCHARGE INFORMATION

DISCHARGE DATE: 1/25/1988

Mapid: 13

INSPECTION DATE:

CLEANUP REQUIRED? N - NO CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 5/29/2001 NREQ - CLEANUP NOT REQUIRED

CONTAMINATED MEDIA?: SOIL: Y SUR WATER: N GR WATER: N MON WELL: N # DW WELLS CONTAMINATED: 0

POLLUTANT : B - Unleaded Gas

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 13

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: INELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: E - EARLY DETECTION INCEN CLNUP OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

SITE ASSESSMENT

CLNP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE: 11-08-1993

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ORDER APPRV DATE: 7/27/1994

ACTUAL COMPL DATE: 07-27-1994

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: NA - NOT APPLICABLE

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

COMMENTS:

SOURCE REMOVAL

CLEANUP RESP: NA - NOT APPLICABLE

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

DISCHARGE INFORMATION

DISCHARGE DATE: 8/19/1991

Mapid: 13

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: A - ABANDONED TANK RESTORATION

DISCH CLNUP STATUS: 2/27/2015 NFA - NFA COMPLETE

CONTAMINATED MEDIA?: SOIL:

SUR WATER:

GR WATER:

MON WELL:

DW WELLS CONTAMINATED:

POLLUTANT : Y - Unknown/Not Reported

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 13

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: A - ABANDONED TANK RESTO

CLNUP OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

SITE ASSESSMENT

CLNP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ORDER APPRV DATE:

ACTUAL COMPL DATE: 07-11-1994

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL: 0

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: NFA - NO FURTHER ACTION

SUBMIT DATE: 10-31-2014

REVIEW DATE: 02-11-2015

ISSUE DATE: 02-27-2015

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 02-09-2015

COMMENTS:

SOURCE REMOVAL

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE:

FREE PRODUCT REMOVAL?(Y/N):

SOIL REMOVAL?(Y/N): Y

SOIL TONNAGE REMOVED:

SOIL TREATMENT?(Y/N):

OTHER TREATMENT?:

ALT PROC STATUS:

ALT PROC STATUS DT:

ALT PROC COMMENT:

TANKS Data for LUST Sites:



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FDEP SITE INVESTIGATION SECTION SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

Report Date: 6/30/2021

STCERC Page 1 of 1

FACILITY NAME AND LOCATION:

DANMARK RECLAMATION CORP
4808 WEST PAUL AVENUE
TAMPA, FL 33611

AGENCY SITE LAT/LON:

27.893231268172
-82.52705730823

MAP ID NUMBER:

14

Dist (Miles): 0.00

Direction:

Elev (Ft): 0.00

Elev vs Sub Prop: -

STCERC

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

FDEP SITE INVESTIGATION SECTION INFO:

SITE NO: ERIC_9193

DISTRICT: TAL

ALT SITE NO:

FDEP CLEANUP SITES INFO:

FDEP CLEANUP NO: 67503837

CLEANUP SITES SOURCE: ERIC

CLEANUP SITES SOURCE ID: ERIC_9193

CLEANUP SITES COMMENTS: OPEN

CLEANUP SITES PGM AREA: CU

CLEANUP SITES CATEGORY: OTHCU

CLEANUP SITES REMED STATUS: OPEN

FDER SITES LIST INFO:

SITE NUMBER:

PROJECT MGR:

STATUS:

LEAD UNIT:

ATTORNEY:

STATUS DATE:

SUPPORT UNIT:



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FDEP VOLUNTARY CLEANUP SITES

(VOLCLNUP)

Report Date: 6/30/2021

VOLCLNUP Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

ERIC_9193
DANMARK RECLAMATION CORP
4808 WEST PAUL AVENUE
TAMPA, FL 33611

COUNTY: Hillsborough
DISTRICT: TAL
AGENCY LAT: 27.8932312365718
AGENCY LON: -82.5270573005156

MAP ID NUMBER:

14

Dist (Miles): 0.00
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: 59059 SOURCE FAC NAME: Danmark Reclamation Corp SITE STATUS: OPEN
PROGRAM: Responsible Party Cleanup PROGRAM STATUS: ACTIVE SITE MANAGER: Ferda Yilmaz
DISCH DATE: 1970/01/01 OFFSITE CONTAM KEY?: CONTAMUNKNOWN INST CONTROL?: N SITE PHASE: Phase 0 - Discovery

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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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8625042
7-ELEVEN STORE #37149
4747 W GANDY BLVD
TAMPA, FL 33611-3307

OWNERSHIP INFO:

ACCOUNT OWNER
7-ELEVEN INC - GASOLINE CO
PO BOX 711 ATTN: FL REGION COM
DALLAS, TX 75221-711
(407)403-2995
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,53,36.8856 82,31,35.4908
FAC OPERATOR: CATHY WISE
FAC TEL #: (407)247-6750

MAP ID NUMBER:

Dist (Miles): 0.04
Direction:
Elev (Ft): 6.29
Elev vs
Sub Prop: Higher

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

FAC STATUS: OPEN

FAC TYPE: A - Retail Station

SCORE 10

SCORE EFF DT: 4/5/2013

RANK: 8060

SCORE WHEN RANKED: 11

DISCHARGE INFORMATION

DISCHARGE DATE: 8/21/1991

Mapid: 15

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: I - PLIRP (INSURANCE)

DISCH CLNUP STATUS: 6/27/2014 NFA - NFA COMPLETE

CONTAMINATED MEDIA?: SOIL: N SUR WATER: N GR WATER: Y MON WELL: Y # DW WELLS CONTAMINATED: 0

POLLUTANT : B - Unleaded Gas

GALLONS

OTHER

CLEANUP INFORMATION

Mapid: 15

PGM ELIG OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

PGM ELIG SCORE: 10

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 1200000

CLNUP PROG: P - PETROLEUM LIABILITY AN

CLNUP OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

SITE ASSESSMENT

CLNP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ACTUAL COMPLETION DATE: 09-03-1992

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: RP - RESPONSIBLE PARTY

FUND ELLIG: -

ORDER APPRV DATE: 10/25/1995

ACTUAL COMPL DATE: 10-25-1995

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL: 4

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: NFA - NO FURTHER ACTION

SUBMIT DATE: 12-06-2013

REVIEW DATE: 03-01-2014

ISSUE DATE: 06-27-2014

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 03-01-2014

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:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

TANKS Data for LUST Sites:

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FDEP SITE INVESTIGATION SECTION SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

Report Date: 6/30/2021

STCERC Page 1 of 1

FACILITY NAME AND LOCATION:

CITGO-GANDY #372
4702 W GANDY BLVD
TAMPA, FL 33611 3308

AGENCY SITE LAT/LON:

27.893133073934
-82.52483550217

MAP ID NUMBER:

16

Dist (Miles): 0.11

Direction:

Elev (Ft): 5.75

Elev vs Sub Prop: Higher

STCERC

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

FDEP SITE INVESTIGATION SECTION INFO:

SITE NO: 8625651

DISTRICT: SWD

ALT SITE NO:

FDEP CLEANUP SITES INFO:

FDEP CLEANUP NO: 67512806

CLEANUP SITES SOURCE: STCM

CLEANUP SITES SOURCE ID: 8625651

CLEANUP SITES COMMENTS: PENDING

CLEANUP SITES PGM AREA: TK

CLEANUP SITES CATEGORY: PETRO

CLEANUP SITES REMED STATUS: PENDING

FDER SITES LIST INFO:

SITE NUMBER:

PROJECT MGR:

STATUS:

LEAD UNIT:

ATTORNEY:

STATUS DATE:

SUPPORT UNIT:



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

8625651
CITGO-GANDY #372
4702 W GANDY BLVD
TAMPA, FL 33611-3308

OWNERSHIP INFO:

ACCOUNT OWNER
AUTOMATED PETROLEUM & E
PO BOX 1110 ATTN: STORAGE TANK
BRANDON, FL 33509-1110
(813)681-4279
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,53,35.2605 82,31,29.3955
FAC OPERATOR: RICK HERWEH
FAC TEL #: (813)681-4279

MAP ID NUMBER:

Dist (Miles): 0.11
Direction:
Elev (Ft): 5.75
Elev vs Higher
Sub Prop:

16

L
U
S
T

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

FAC STATUS: OPEN

FAC TYPE: A - Retail Station

SCORE 6

SCORE EFF DT: 1/27/2009

RANK: 8533

SCORE WHEN RANKED: 10

DISCHARGE INFORMATION

DISCHARGE DATE: 12/18/1988

Mapid: 16

INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: ACTIVE

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 3/6/2015 RA - RA ONGOING

CONTAMINATED MEDIA?: SOIL: Y SUR WATER: N GR WATER: Y MON WELL: Y # DW WELLS CONTAMINATED: 0

POLLUTANT: B - Unleaded Gas

GALLONS

OTHER



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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 6/30/2021

LUST Page 2 of 2

CLEANUP INFORMATION

Mapid: 16

PGM ELIG OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

PGM ELIG SCORE: 6

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT: ELIGIBLE

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT: 0

CLNUP PROG: E - EARLY DETECTION INCEN

CLNUP OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

SITE ASSESSMENT

CLNP RESP: ST - STATE

FUND ELLIG: -

ACTUAL COMPLETION DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION PLAN

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ORDER APPRV DATE:

ACTUAL COMPL DATE:

PAYMENT DATE:

ACTUAL COST:

REMEDIAL ACTION

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: -

SUBMIT DATE:

REVIEW DATE:

ISSUE DATE:

COMPL STATUS: -

COMPL STATUS DT:

COMMENTS:

SOURCE REMOVAL

CLEANUP RESP: ST - STATE

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:



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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: 6/30/2021

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						
LUST	8623399	0.22	4.12	Higher	GIANT #108	9650 4TH ST N SAINT PETERSBURG, FL 337022516
2A						
LUST	8625418	0.19	0.00	-	FORMER IMPERIAL YACHT BASIN MARINA	5000 W GANDY BLVD TAMPA, FL 336113007
3A						
CERCLIS	FL0001093103	0.14	6.80	Higher	DANMARK SITE	4808 PAUL ST. TAMPA, FL 33611
LUST	9300900	0.14	6.80	Higher	HARVARD USED OIL RECYCLING-DANMARK	2900 PAUL TAMPA, FL 33611
NFRAP	FL0001093103	0.14	6.80	Higher	DANMARK SITE	4808 PAUL ST. TAMPA, FL 33611
SEMSACTV	FL0001093103	0.14	6.80	Higher	DANMARK SITE	4808 PAUL ST. TAMPA, FL 33611
VOLCLNUP	37380	0.14	6.80	Higher	DANMARK RECLAMATION CORP	4808 WEST PAUL AVENUE TAMPA, FL 33611



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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: 6/30/2021

Page 1 of 1

Prgm List	Site Name	Site Address
Fac ID No		



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

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

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

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

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 PHOTOGRAPHS

Site Photographs



Site 2 – Former Amoco/Jim's Triangle
West of gas station looking east



Site 3 – Mobil Whiteway #545
Southwest of Mobil looking northeast



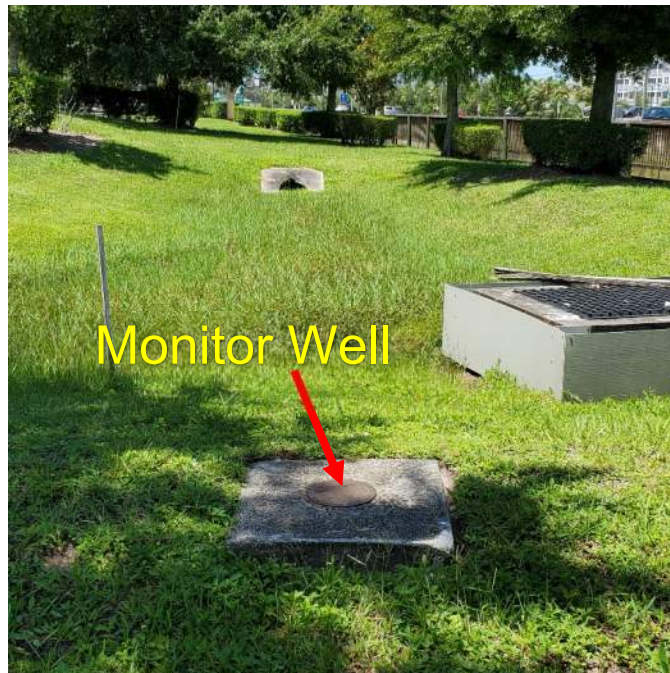
Site 4 – IC Sharks
Gandy Boulevard looking south
(from Google Earth Street View image dated January 2020)



Site 5 – Barney's Motorcycle Sales, Inc.
South of Barney's looking north



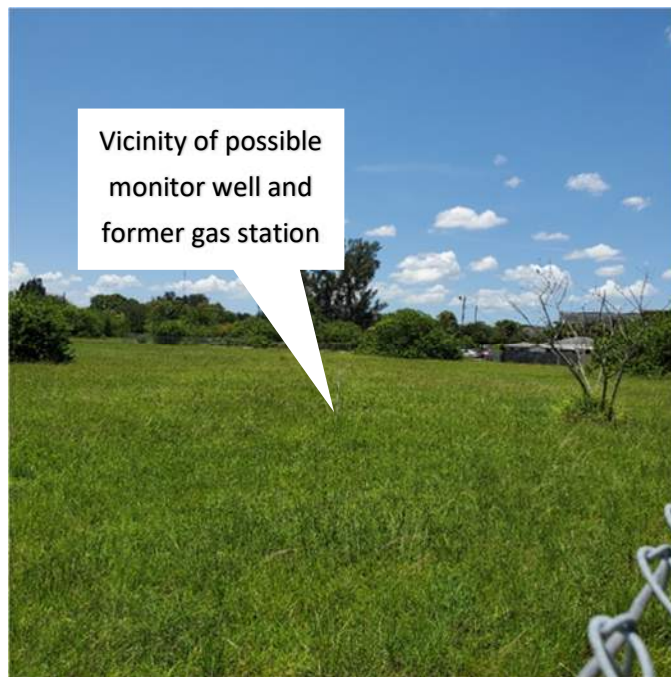
Site 6 – Barney's Motorcycle Sales, Inc.
South of Barney's looking north



Site 7 – Former Timm's Station
Adjacent south of Gandy Boulevard looking west



Site 8 – 7-Eleven #38123
Adjacent south of Gandy Boulevard looking east



Site 9 – Former Gasoline/Service Station
South of Gandy Boulevard looking southwest



Site 10 – Vicinity of Former Gandy Boat Yard
(Thomas A. King Estate – West Parcel)
South of Gandy Boulevard looking southeast



Site 11 – Former Pirate's Landing Bait Shop
(Thomas A. King Estate – East Parcel)
South of Gandy Boulevard looking southwest



Site 12 – Former Mariner Yacht Sales, Inc.
South of Gandy Boulevard looking south



Site 13 – RaceTrac #441
Southwest of Mobil looking northeast



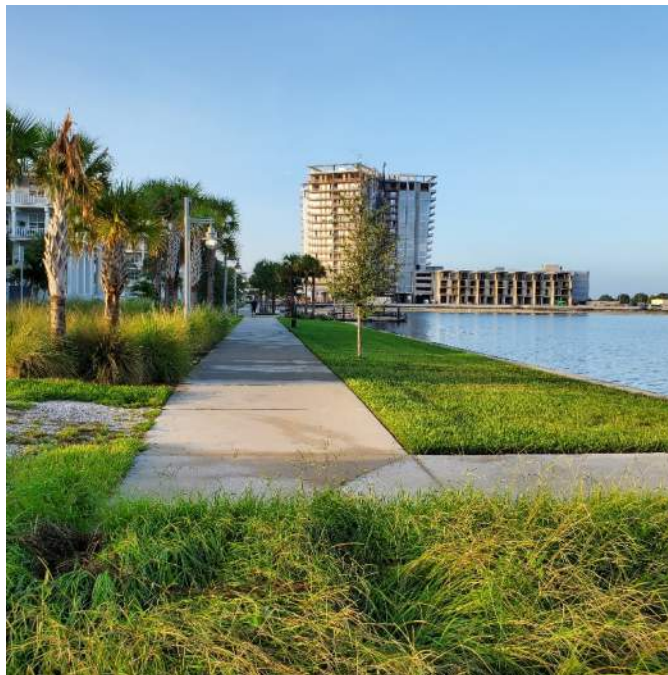
Site 15 – Vicinity of Former Gandy Bridge Park and Ride
Southwest of former Park and Ride looking east



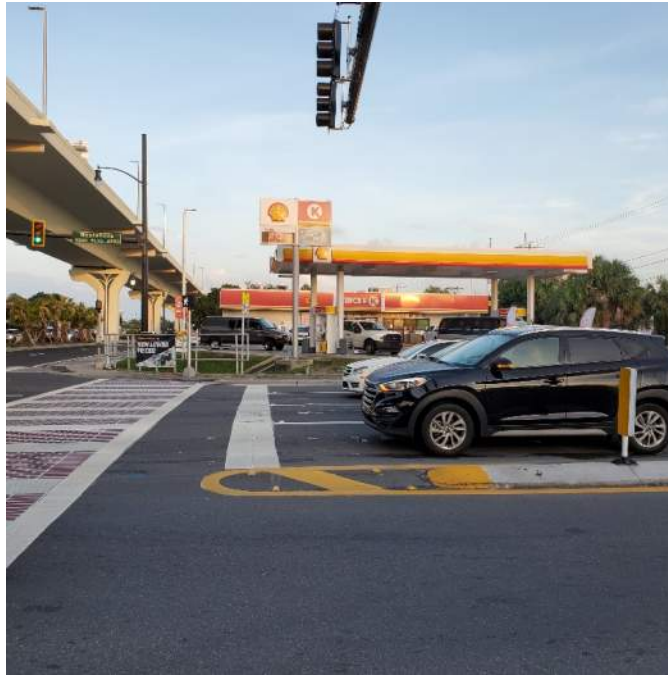
Site 16 – U.S. Marine Corps Reserve
Southeast of facility looking northwest



Site 17 – Former Coastal Mart gas station
Northeast of former gas station looking southwest



Site 18 – Former Imperial Yacht Basin
North of former yacht basin looking south



Site 20 – Shell/Circle K
East of Shell looking west



Site 21 – 7-Eleven
Near southwest corner looking east

GENERAL PHOTOS



Pinellas County - West end of project looking east
Below elevated span of Gandy Boulevard



Pinellas County – West-central area looking east



Hillsborough County – East-central area
Eastbound Gandy Bridge looking east



Hillsborough County – East-central area
Gandy Boulevard looking east

APPENDIX F SUPPLEMENTAL INFORMATION

SITE 2 – FORMER AMOCO #1463-JIMS TRIANGLE

9901 4TH ST N

SUPPLEMENTAL SITE ASSESSMENT REPORT - TASK 3

for the

FORMER AMOCO #1463 – JIM'S TRIANGLE
9901 4TH STREET NORTH
ST. PETERSBURG, PINELLAS COUNTY, FLORIDA

FACILITY ID #52/8623518

PURCHASE ORDER NO. B75297

prepared for

FDEP-PETROLEUM RESTORATION PROGRAM
BMC RM 420 MS 4575
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399

prepared by

ANDREYEV ENGINEERING, INC.
3740 54th AVENUE NORTH
ST PETERSBURG, FLORIDA 33714

(727) 527-5735

AEI PROJECT NO. APEN-17-083

MARCH 16, 2021



Submitted: March 16, 2021
Revised: March 29, 2021
AEI Project No: APEN-17-083

TO: **Florida Department of Environmental Protection**
Petroleum Restoration Program
BMC RM 420 MS 4575
2600 Blair Stone Road
Tallahassee, Florida 32399

Attn: Ms. Wendy Hunter

SUBJECT: Task 3 – Supplemental Site Assessment Report
Former Amoco #1463 – Jim's Triangle
9901 4th Street North
St. Petersburg, Pinellas County, Florida
Facility ID #52/8623518
Purchase Order No. B75297

Dear Ms. Hunter:

The attached items for the Task 3 Supplemental Site Assessment Report are submitted pursuant to Purchase Order (PO) B75297 and in accordance with the Site Assessment (SA) Scope of Work. The following items are provided:

Background Information

On May 26, 2020, Andreyev Engineering, Inc. (AEI) received Purchase Order No. B75297 from the Florida Department of Environmental Protection (FDEP), Petroleum Restoration Program (PRP), to conduct SA activities in accordance with the Agency Term Contract (ATC). The PRP reference number for this project is 733-033C. The subject site for this project is identified as Former Amoco #1463 – Jim's Triangle which is located at 9901 4th Street North in St. Petersburg, Pinellas County, Florida, in section 19, Township 30 South, Range 17 East, as shown on the USGS Topographic Map included as **Figure 1**. The purpose of the SA activities is to investigate the discharge of petroleum products first reported for the subject site on November 30, 1988. Task 1 under PO B75297 included completion of a Site-Specific Health and Safety Plan. Task 1 was submitted to the FDEP on June 30, 2020 and was approved on July 1, 2020.

A TSAR was completed on November 19, 2018 by AEI. As part of the TSAR activities AEI conducted seven (7) soil borings with the soil samples being screened with an OVA-PID every foot from 0 to 4-5 feet depending on the soil boring location. The OVA results indicated soils with organic vapor concentrations between less than 1.0 to 7,154 parts per million (ppm) with SB-6 showing the highest reading. Four (4) soil samples were collected from the borings for laboratory analysis of petroleum contaminants with two of the four soil samples detecting contaminants in exceedance of FDEP SCTLs. Groundwater levels were collected in two shallow monitoring wells and one deep monitoring well, however the direction of groundwater flow could not be established with two data points but has been historical to be observed flowing in a southwesterly direction. Three (3) monitoring wells were sampled for petroleum constituents, CW-1, CW-2, and OW-13D on November 14, 2017. Laboratory analysis of samples collected on November 14, 2017 indicated that CW-1 and CW-2 had no detectable exceedances of FDEP GCTLs and OW-13D was in exceedances for Lead 74.2 ug/L, benzo (a) pyrene 1.8 ug/L, benzo (a) anthracene 1.6 ug/L, benzo (b) fluoranthene 3.1 ug/L, benzo (k) fluoranthene 1.2 ug/L, dibenz (a,h) anthracene 0.37 ug/L, and indeno (1,2,3-cd) pyrene 1.3ug/L. Four (4) monitoring wells were sampled for petroleum constituents, CW-2, CW-3, OW-7 and OW-13D. Laboratory analysis of samples collected on November 7, 2018 indicated no exceedances of FDEP GCTLs. Please note that CW-1 was not sampled on this date and previous references to CW-13D referred to OW-13D.

Site Information

The facility historically operated as a fuel retailer until an unknown time when the retail petroleum business ceased operations. The discharge of petroleum products, dated on November 14, 1988, was associated with a reported lab analytical test. The FDEP Storage Tank/Contaminated Facility lists all the registered tanks on the site as removed. No information could be located in the Oculus database regarding tank closure at the site and it is unknown when the tanks were removed. The site is currently active operating as an automotive maintenance facility with a few vehicles staged for sale in the parking lot area.

Off-Site Properties

The adjacent off-site properties in the immediate vicinity are commercial and retail. The subject site is bound immediately to the north by a grassy area developed with a billboard followed by Pepo's Cuban Cafe. The site is bound immediately to the east by Gandy Boulevard North followed by a stormwater retention pond and Extra Space Storage. The site is bound immediately to the south by a grassy area followed by the intersection of 4th Street North and Gandy Boulevard North. The site is bound to the west by 4th Street North followed by a commercial property occupied by Glory Days Grill and associated paved parking. A site vicinity map and aerial highlighting on-site and off-site features are included as **Figures 2 and 3**.

Area of Investigation

The primary area of investigation is the former UST and dispensing areas where two 4,000-gallon leaded gasoline underground storage tanks (UST), two 4,000-gallon unleaded gasoline USTs, three 10,000-gallon unleaded gasoline USTs, one 500-gallon waste oil UST, associated piping and dispensers were located. These areas currently consist of concrete and asphalt parking areas. The current site configuration with the former UST locations are shown on the site map included as **Figure 4**.

Completion of Tasks and Field Work for PO B75297

The following items contain summary information for the additional tasks that were completed for PO B75297:

a. Soil Investigation: The purpose of the soil investigation was to determine the presence of contaminated soil in the unsaturated zone on-site and was conducted on November 2 and 3, 2020 as well as November 17 through 20, 2020. The soil investigation included performing eighteen (18) soil borings at designated locations: SB-8 to SB-18 and MW-1, OW-14R, OW-17R, OW-18R, and DW-1 to DW-3. The borings were conducted to screen discrete samples with an Organic Vapor Analyzer (OVA) and obtain soil samples for laboratory analyses.

The soil samples were screened with an Organic Vapor Analyzer-Photo Ionization Detector (OVA-PID). Soil borings SB-8 to SB-18 were screened for petroleum vapors with the OVA-PID at 1-ft. intervals from 0 to 6 feet. Soil borings MW-1, OW-14R, OW-17R, and OW-18R were screened for petroleum vapors with the OVA-PID at 1-ft. intervals from 0 to 6 feet and at 2-ft. intervals from 6 to 12 feet. Soil Borings DW-1 to DW-3 were screened for petroleum vapors with the OVA-PID at 1-ft. intervals from 0 to 6 feet and at 2-ft. intervals from 6 to 25 feet. The OVA results are included in **Table 1** and are shown on **Figure 5**. The field notes, instrument calibration log and the soil boring logs for the eighteen (18) borings are included in **Appendix A**. All OVA-PID measurements were obtained in accordance with procedures outlined in Chapter 62-780.200, FAC.

The OVA results indicated soils with organic vapor concentrations between 1.0 to 7,395 ppm. Out of the eighteen borings conducted boring SB-15 showed the highest reading of 7,395 ppm at a depth of 5 to 6 feet. Five (5) soil samples were obtained from the borings for laboratory analyses using EPA Methods 8260B (volatile organics), 8270D (PAHs) and Total Petroleum Hydrocarbons (TPH) using the FL PRO method. The soil samples were collected from the unsaturated zone at depths of approximately 1.5 feet. The soil samplings were conducted in accordance with FDEP SOP FS3000. The soil samples were analyzed by Environmental Conservation Laboratories, Inc., which is certified by the Florida DOH (Lab #E83239) and operates under a NELAP approved Quality Assurance Plan.

Upon completion of the soil boring activities, each soil boring was backfilled with the native material and sand, as needed. Asphalt/concrete was replaced at all boring locations. The laboratory analytical results were reviewed; additionally, soil samples SS-14 and SS-15 were extracted using Synthetic Precipitation Leaching Procedure (SPLP) and re-analyzed. Sample SS-15 was also analyzed for TRPH Fractionation parameters.

The soil laboratory analytical results are summarized in **Tables 2 to 5A and 5B** and the results for detected parameters are shown on **Figures 6A to 6E**. The laboratory analytical report is included in **Appendix A**. For all five (5) soil samples each applicable constituent was evaluated with respect to applicable SCTLs specified in Chapter 62-777, FAC. The analyzed soil samples indicated the following Direct Exposure exceedances; SS-14 detected naphthalene at 6.7 mg/kg, SS-15 detected naphthalene at 4.7 mg/kg and total petroleum hydrocarbons (TPH) at 350 mg/kg, and SS-18 detected total benzo(a)pyrene equivalents at 0.5 mg/kg.

Analysis of sample SS-14 following SPLP detected 1-methylnaphthalene, 2-methylnaphthalene and naphthalene at 35, 57 and 210 ug/L, respectively, which exceeded the GCTLs. Sample SS-15 following SPLP detected 1-methylnaphthalene, 2-methylnaphthalene and naphthalene at 50, 100, and 360 ug/L, respectively, which exceeded the GCTLs. SS-15 was examined for TRPH Fractionation and no fractions were found to be in exceedance of SCTLs.

b. Monitoring Well Installation: From November 17 through 20, 2020, AEI installed replacement monitoring wells OW-14R, OW-17R, and OW-18R as well as installed new monitoring wells MW-1, DW-1, DW-2, and DW-3 as shown on **Figure 4**. Wells MW-1, OW-14R, OW-17R, and OW-18R were constructed of 2-inch Schedule 40 PVC and were installed to a total depth of 12 feet bls. The wells were screened from 2 to 12 feet bls with a 0.010-inch slotted screen. The monitoring wells were completed with 2-foot by 2-foot concrete pads and flush mount well covers. Wells DW-1, DW-2, and DW-3 were constructed of 2-inch Schedule 40 PVC and were installed to a total depth of 34 feet bls. The wells were screened from 29 to 34 feet bls with a 0.010-inch slotted screen. The wells were installed with 6-inch surface casing to a depth of 25 feet bls. The monitoring wells were completed with 2-foot by 2-foot concrete pads and flush mount well covers.

The monitoring wells were developed from November 17 through 20, 2020 for approximately 50 to 90 minutes with a peristaltic pump. **Table 6** contains a summary of the monitoring well construction details, and **Appendix B** contains the well construction and development logs and well completion reports.

c. Groundwater Flow Determination: To determine the direction of groundwater flow in the area of investigation, the depth to groundwater was measured in ten (10) shallow monitoring wells CW-1, CW-3, CW-4R, CW-5R, CW-6R, MW-1, OW-7, OW-14R, OW-17R, and OW-18R and four (4) deep monitoring wells DW-1, DW-2, DW-3, and OW-13D on November 30, 2020 from the top-of-casing (TOC) to the nearest hundredth of a foot in each of the monitoring wells with a water level indicator. Groundwater depths from TOC were then converted to relative elevations. All groundwater elevations for water levels measured on November 30, 2020 are summarized in **Table 6**. Groundwater elevation maps for the measurements obtained on November 30, 2020 are included as **Figures 7A and 7B**. For the shallow monitoring wells located onsite the direction of groundwater flow was determined to be generally flowing offsite in a western and eastern direction based on the monitoring well groundwater elevations with high points around the east side of the canopy, **Figure 7A**. For the deep monitoring wells located onsite the direction of groundwater flow was determined to be generally flowing to the east based on the monitoring well groundwater elevations, **Figure 7B**.

d. Groundwater Investigation: To determine if petroleum constituents exist above GCTLs in the groundwater on-site, ten shallow monitoring wells CW-1, CW-3, CW-4R, CW-5R, CW-6R, MW-1, OW-7, OW-14R, OW-17R, and OW-18R and four deep monitoring wells DW-1, DW-2, DW-3, and OW-13D were sampled from November 30 to December 2, 2020 by AEI in accordance with FDEP SOP FS2200. The monitoring wells were sampled for EPA Method 8260B (BTEX/MTBE), EPA Method 8270D (PAHs), TPRH using the FL PRO method, and EPA Method 6010C (Lead). No free product was reported to be present in any of the wells sampled on this date.

FDEP SOP #FS 2212 requires that at least one well volume of water be purged from each well prior to collection of field parameters. All of the wells were purged at minimum for 24 minutes with a peristaltic pump which allows for well purging and sample collection of each well under low flow conditions, with variable pumping rates. Field parameters, including pH, conductivity, temperature, dissolved oxygen and turbidity were recorded during purging. The field notes, groundwater sampling logs and instrument calibration sheets for the monitoring wells sampled

from November 30 to December 2, 2020 are included in **Appendix C**. The laboratory analytical results for EPA Method 8260 (VOAs), EPA Method 8011 (EDB) and EPA Method 6010C (Lead) parameters are summarized in **Table 7** and shown on **Figure 8**. The laboratory analytical results for EPA Method 8270D (PAHs) parameters and TPH are summarized in **Table 8** and shown on **Figures 9A to 9D**. The laboratory analysis results for the monitoring wells sampled on November 30 to December 2, 2020, are included in **Appendix C**.

Based on laboratory analysis CW-5R detected benzene at 2.0 ug/L along with 1-methylnaphthalene and 2-methylnaphthalene at 34 and 40 ug/L, respectively exceeding the FDEP's GCTLs. CW-6R detected benzene at 250 ug/L along with naphthalene at 330 ug/L, 1,2-methylnaphthalene at 93 and 170 ug/L, respectively and TRPHs at 7,700 ug/L, exceeding the FDEP's GCTLs. OW-13D detected lead at 14.1 ug/L which is below the FDEP's GCTLs.

Due to the site assessment activities, specifically conducting the soil borings and the installation of the groundwater monitoring wells and development of the groundwater monitoring wells, twenty-seven (27) 55-gallon drums (five (5) groundwater and twenty-two (22) soil) of petroleum contaminated soil and groundwater were drummed for proper disposal at an FDEP approved off-site facility. The drums were picked up for disposal from the subject site on December 22, 2020 by Horizon Environmental Services, LLC. Please note that sometime between site activities and drum pickup one (1) drum of groundwater was removed from the site by unknown person(s).

A review of the potable well survey indicated that no public supply wells were reported within the search radius of the subject site. A potable well survey for the area surrounding the subject facility is included as **Figure 10**.

Using the results of the soil borings and well logs a lithologic cross section was created and is included in **Figure 11**. Based on the cross section the shallow soils consist of fine sands to approximate depths of 29 feet underlain by fine sand with clay.

Conclusions and Recommendations

A total of five (5) soil samples were collected from the soil borings for laboratory analysis. The locations and depths were selected based on OVA response and spatial distribution. The soil samples revealed petroleum constituents exceeding the FDEP SCTLs. The limits of the petroleum contaminated soils has not been fully delineated at this time.

Groundwater samples were collected from November 30 to December 2, 2020 from fourteen groundwater monitoring wells on-site. Laboratory analysis indicated exceedances of the FDEP GCTLs for sampled monitoring wells CW-5R and CW-6R. The extent of the dissolved petroleum impacts has been assessed.

The assessment activities conducted for this Task have indicated that plumes of petroleum impacted soil and groundwater continue to exist on-site. AEI recommends that additional soil and groundwater sampling and analysis be conducted to fully delineate the lateral extents of the identified soil and groundwater contamination plumes.

AEI proposes in an effort to further delineate the contaminated soils identified at the site that ten additional step out soil borings be conducted in the vicinity of the canopy. The additional soil borings would be conducted adjacent to the previous soil borings that identified contaminants with exceedances in SCTLs.

AEI previously proposed, in an effort to delineate the lead contamination identified at the site, that four additional deep monitoring wells be installed around OW-13D in an attempt to further delineate the extent of the lead contamination. The additional deep monitoring wells were to be installed to the north, east, south, and west of OW-13D. DW-1, DW-2, and DW-3 were installed to the north, east, and south of OW-13D while DW-4 could NOT be installed due to conflicts with distance, roadwork, and utilities. However, DW-1, DW-2, and DW-3 did not indicate the presence of lead or other contaminants above GCTLs and OW-13D appears to have naturally attenuated below GCTLs therefore AEI is not recommending a delineation well to the west of OW-13D at this time.

Monitoring well CW-5R previously detected benzene, 1-methylnaphthalene and 2-methylnaphthalene at 2.7, 44, and 50 ug/L, respectively, when sampled on 10/31/2019 but appears to have attenuated slightly to 2.0, 34, and 40 ug/L, respectively and remain in exceedance of the GCTLs. Ethylbenzene and TPHs saw a slight increase but are still below the GCTLs. AEI recommends further monitoring of CW-5R at this time as well as locations RW-3 and OW-21. Monitoring well CW-6R previously detected MTBE at 26 ug/L when sampled on 10/31/2019 but appears to have attenuated below the GCTLs to 14 ug/L. However, benzene has remained consistent at 250 ug/L at the CW-6R monitoring well and has seen an increase in naphthalene, 1-methylnaphthalene, 2-methylnaphthalene, and TPH. Notably naphthalene and TPH are now in exceedance of the GCTLs. Therefore, AEI is recommending further monitoring of CW-6R based on these levels at this time.

AEI proposes in an effort to further delineate the contamination plume identified in the shallow monitoring wells that additional monitoring be performed. AEI proposes that three of the existing wells be sampled to further delineate the contamination plume identified in the shallow wells. The additional wells to be sampled include RW-1, RW-3, and OW-21. The locations of the additional proposed soil borings and the proposed shallow monitoring wells as well as the additional proposed wells to be sampled are included on **Figure 12**.

Supplemental Site Assessment Report Preparation - Task 3

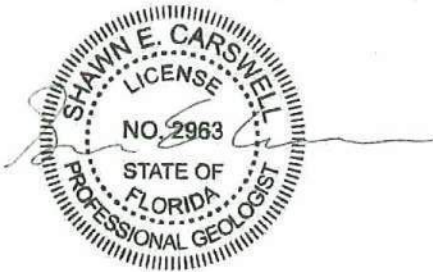
This Supplemental Site Assessment Report for Task 3 has been prepared in accordance with Attachment A "Scope of Work" that was provided with Purchase Order No. B75297. This report contains the following items:

- a. A summary of work performed and conclusions.
- b. A site map showing the locations of all SBs and MWs.
- c. The data (DTW, OVA, groundwater analytical, and soil analytical) in tabular format obtained during this task.
- d. Soil and groundwater plume maps, if applicable, pursuant to the descriptions in Section S.2d)7) and S.2.d)8).
- e. Laboratory reports and chains of custody for the field work conducted for PO B75297.
- f. Groundwater sampling logs.
- g. Boring logs, well construction and sampling logs.
- h. Copy of field notes and any other relevant documentation related to the field event for review and discussion.
- i. A recommendation as to additional services to be performed for the current or subsequent Task or field event.

If you have any questions, please do not hesitate to contact me at (727) 527-5735.

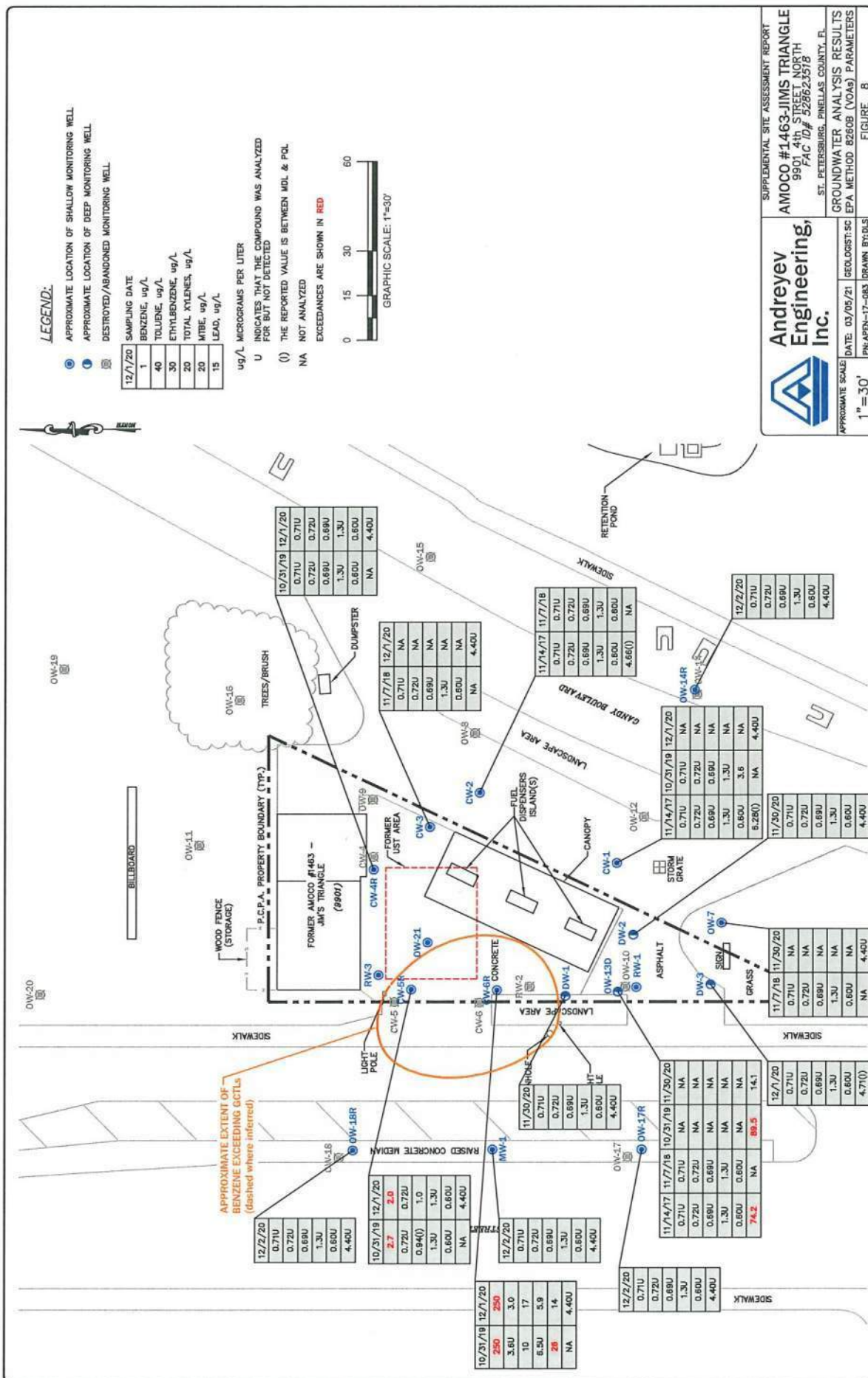
Sincerely,

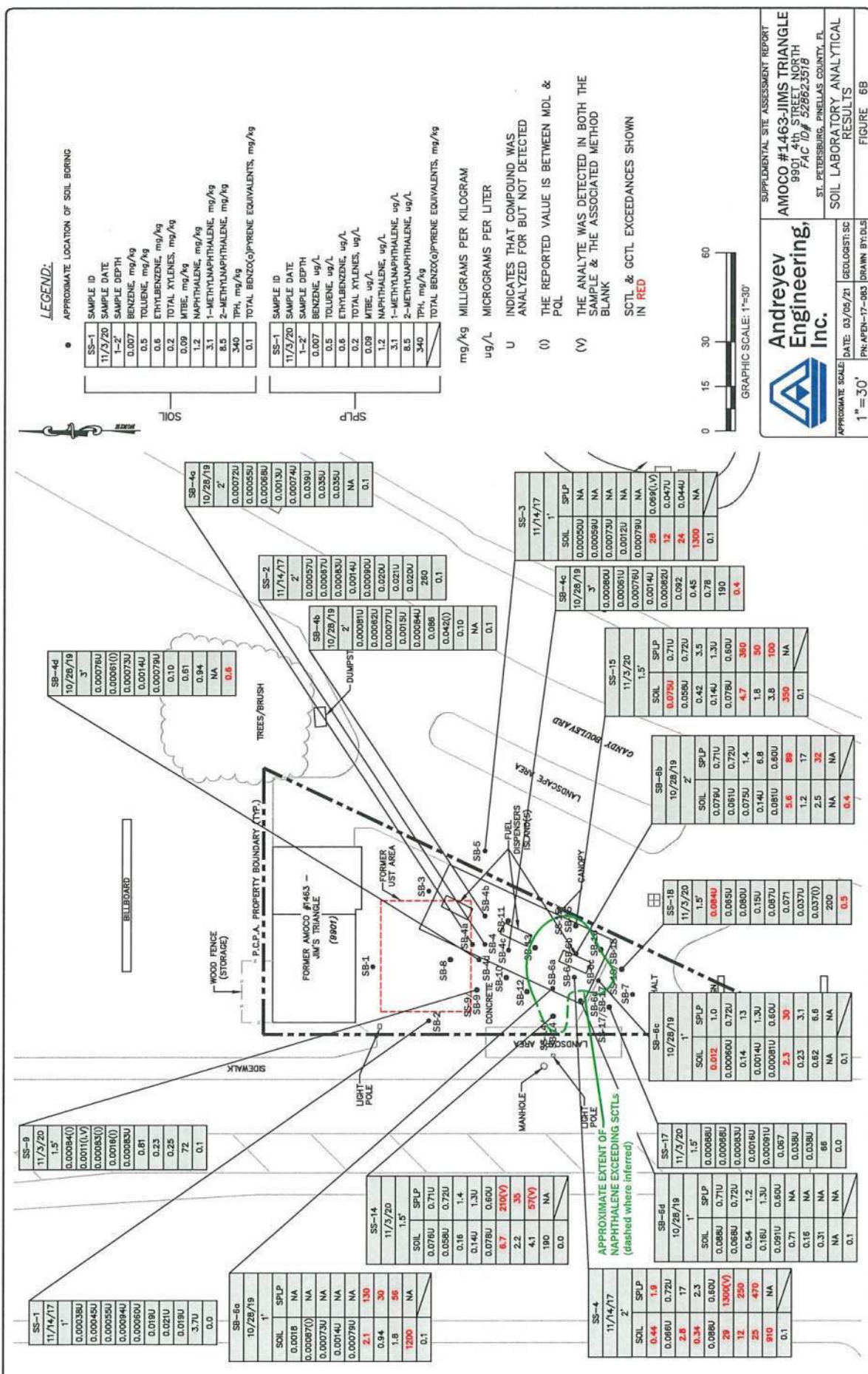
ANDREYEV ENGINEERING, INC.

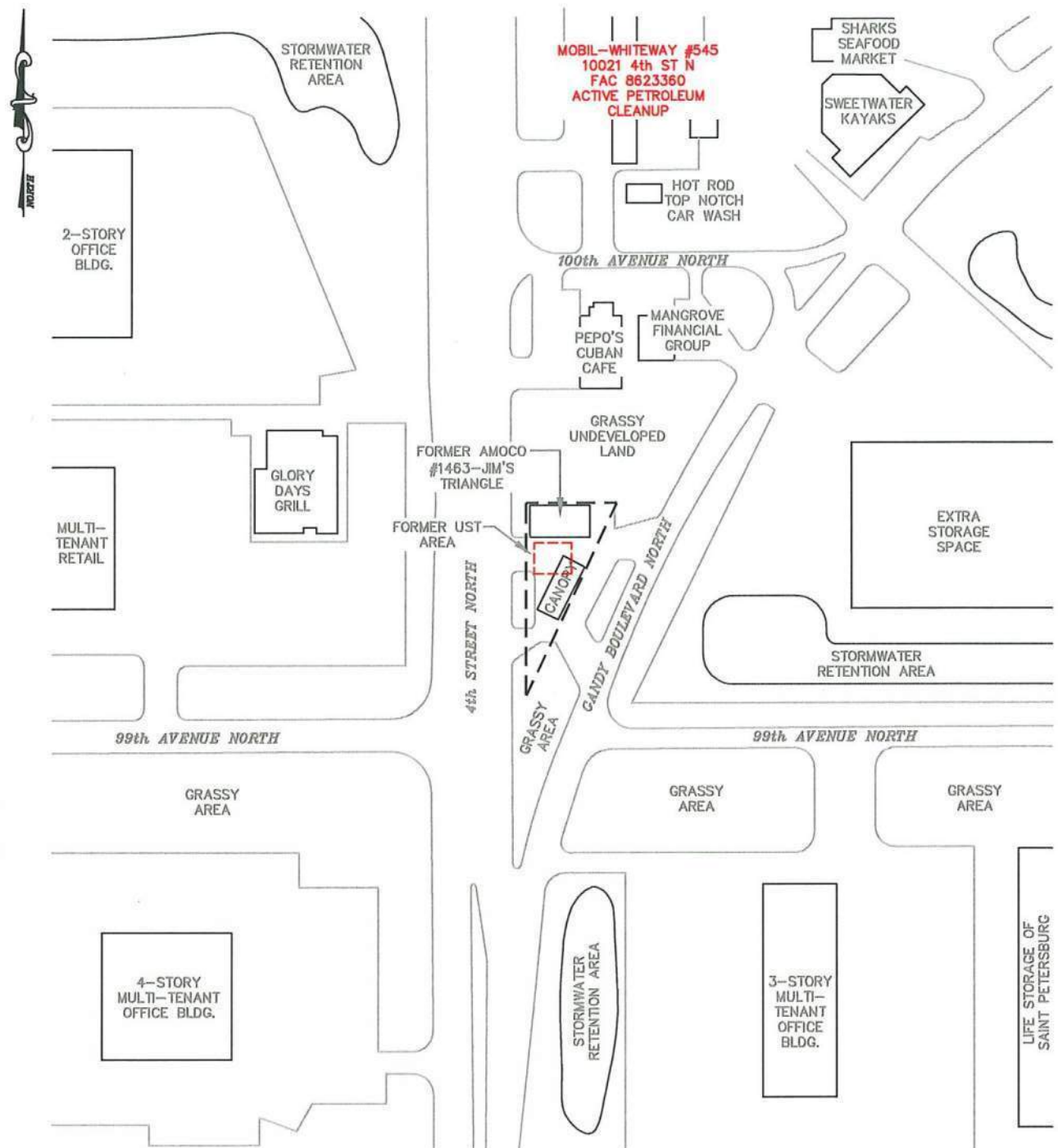


Shawn E. Carswell, P.G.
Staff Geologist
FL Registration No. 2963

This item has been digitally signed and sealed by Shawn E. Carswell, P.G. on March 29, 2021 using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

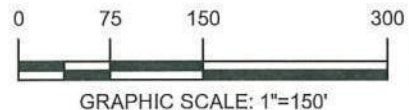






LEGEND:

--- APPROXIMATE SUBJECT
PROPERTY BOUNDARY



**Andreyev
Engineering,
Inc.**

SUPPLEMENTAL SITE ASSESSMENT REPORT
AMOCO #1463-JIMS TRIANGLE
9901 4th STREET NORTH
FAC ID# 528623518
ST. PETERSBURG, PINELLAS COUNTY, FL

APPROXIMATE SCALE:

1"=150'

DATE: 03/05/21

PN: FDEP-17-083

GEOLOGIST: SC

DRAWN BY: DLS

SITE VICINITY MAP

FIGURE 2



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

March 26, 2021

B D G 9901 LLC
6654 78th Avenue North
Pinellas Park, FL 33781-2053

RE: Amoco #1463 – Jim's Triangle
9901 4th Street North
St. Petersburg, FL 33702
Program Site Property ID: 528623518

Dear Property Owner:

To protect public health, the Department of Environmental Protection (DEP) notifies property owners of pollution found on their property or in their neighborhood. This letter is being sent to inform you that notification letters were sent to the owners of one or more properties at which contamination was detected or suspected in groundwater and/or soil above the State cleanup target levels, based on information that the DEP has received in association with the assessment activities at your property referenced above.

This notification process is one of many steps that DEP is taking to address pollution, protect natural systems and safeguard public health.

Additional information regarding the site can be found through the internet at the DEP's Contamination Locator Map (CLM) @ <http://prodenv.dep.state.fl.us/DepClnup/welcome.do> or in the DEP electronic site file system (OCULUS™) @ <https://depedms.dep.state.fl.us/Oculus/servlet/login>. Links to both of these resources are also available at the Division of Waste Management Home Page @ <http://www.dep.state.fl.us/waste/default.htm>.

By specifying an address, a city or a zip code, you can use CLM to locate nearby sites that are currently under DEP's cleanup oversight, including the site referenced above. There are several search criteria used by CLM to identify sites by name, address, facility identification number, and cleanup status - active or pending. However, the zip code search criterion is recommended due to the sensitivity in matching exact addresses. The CLM free subscription service enables you to track cleanup milestones at contaminated sites listed in CLM. Please refer to the introduction and instructions at the top of the CLM web page.

In addition, many documents associated with the waste cleanup sites in CLM may be viewed in OCULUS™. There are more than two million waste program documents available electronically in OCULUS™. However, not every paper document associated with cleanup sites is currently available in electronic format. It is important to have the DEP facility identification number referenced above when you begin your search. For more information on how to search for documents, please read the OCULUS™ Help Guide available on the log in page.

If you have any questions regarding these notices, please contact us at the DEP toll-free information line where you may leave a recorded message and receive a call back within one business day. That number is **1-866-282-0787**.

If this letter has reached you in error, please notify us at the DEP toll-free number above so that we may contact the correct owner. If tenants are residing at this property, please share this information with them.

Sincerely,

Natasha
Lampkin

Digitally signed by
Natasha Lampkin
Date: 2021.03.26
08:16:46 -04'00'

Natasha Lampkin
Program Administrator
FDEP Petroleum Restoration Program

NL/kt

Contamination Notification to FDOT Properties (by email)

Program Site ID	528623518	Date Email Notification	3/26/2021		
New Noticing ID	528623518-A	Related Site Name	FDOT Right-of-Way		
Recipient Name	FDOT District 7	Related Site Address1	ROW and 4th Street N (US 92)	Related Site GW	Suspected Site
		Related Site City	St. Petersburg FL	Related Site Soil	N/A

Contamination Notification to FDOT Properties (by email)

Program Site ID	528623518	Date Email Notification	3/26/2021			
New Noticing ID	528623518-B	Related Site Name	FDOT Right-of-Way			
Recipient Name	FDOT District 7	Related Site Address1	ROW and Gandy Boulevard N (US 694)		Related Site GW	Confirmed Site
		Related Site City	St. Petersburg	FL	Related Site Soil	Suspected Site

SITE 3 – MOBIL-WHITEWAY #545

10021 4TH ST N



Natural Attenuation Monitoring Report

Mobil-Whiteway #545
10021 4th Street North
St. Petersburg, FL
Facility ID #528623360
Purchase Order No. B4F16F

Florida Department of Environmental Protection

GHD | 5904 Hampton Oaks Parkway Suite F Tampa Florida 33610
11194653 | Report No 1 | June 3, 2019



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Figure 2	Site and Sample Location Plan
Figure 3	Groundwater Elevation Contour Map (05/08/2019)
Figure 4	Groundwater Analytical Results

Table Index

Table 1	Groundwater Elevation Data
Table 2	Groundwater Monitoring Well Analytical Summary

Appendices

Appendix A	Field Notes, Logs, and Calibration Sheets
Appendix B	Laboratory Analytical Reports



1. Introduction

GHD Services Inc. (GHD) was retained by the Florida Department of Environmental Protection (FDEP) to perform Natural Attenuation Monitoring (NAM)/verification sampling activities at the Mobil-Whiteway #545 facility (FAC ID No. 528623360) located at 10021 4th Street North in St. Petersburg, Pinellas County, Florida (**Figure 1**). The site is an active retail petroleum station and maintains one 12,000-gallon unleaded gasoline underground storage tank (UST), one 10,000-gallon unleaded gasoline UST, and one 10,000-gallon diesel UST. A site and sample location map is included as **Figure 2**. This report describes the results of the recent groundwater activities conducted in May 2019 in accordance with Purchase Order No. B4F16F.

2. Site History and Assessment Summary

The site is eligible for State-funded cleanup via the Early Detection Incentive (EDI) program. The eligible release consisted of an unknown amount of petroleum product. The release was discovered on December 29, 1989 via the detection of free product in monitoring wells surrounding the UST area. Historically, the facility operated two 12,000-gallon and two 6,000-gallon unleaded gasoline USTs that were removed from the site.

A Contamination Assessment Report (CAR) was submitted on August 30, 1991. The CAR documented adsorbed and dissolved petroleum impacts at the site, which originated from the UST system and extended west across the site. Based on the CAR findings, a Remedial Action Plan (RAP) was developed, which proposed a pump and treat remedial strategy. Active remediation efforts continued until March 27, 1995 when cleanup activities ceased.

On November 9, 2015 FGS was issued a Performance Based Remediation (PBC) Advanced Cleanup (AC) purchase order by the FDEP. FGS operated an air sparge (AS) and soil vapor extraction (SVE) system for three quarters. The system was deactivated in October 2017, and the site entered into Post Active Remediation Monitoring (PARM). Five (5) quarters of PARM were performed. The most recent PARM event conducted in December 2018 indicated the presence of benzene in the groundwater at a concentration slightly above its State of Florida Groundwater Cleanup Target Level (GCTL) in monitoring well MW-6. All other constituents were reported at concentrations below their respective GCTLs. Montrose Environmental Solutions (formerly FGS) recommended proceeding with verification sampling as the site met closure criteria for Risk Management Option (RMO) II per Chapter 62-780, Florida Administrative Code (FAC).

3. Natural Attenuation Monitoring Activities

3.1 Groundwater Depth Measurements

On May 8, 2019, GHD collected depth to water measurements from seven (7) existing groundwater monitoring wells (MW-4, MW-6, MW-7, MW-8, MW-9, MW-11, and ITMW-7) using an electronic



water level indicator. GHD opened the monitoring wells to allow atmospheric equilibration prior to collecting depth to groundwater measurements (**Table 1**).

3.2 Groundwater Sampling

Groundwater sampling activities were conducted on May 8, 2019. The monitoring wells were purged utilizing a low flow technique in accordance with the FDEP Field Sampling (FS) 2200 Standard Operating Procedures (SOP) and the approved Bureau of Petroleum Storage Systems (BPSS) variances. During purging, field parameters including pH, temperature, specific conductance, dissolved oxygen, turbidity, and oxidation reduction potential were measured. Copies of the groundwater sampling logs and equipment calibration forms are provided in **Appendix A**. Once the field parameters stabilized, groundwater samples were collected and transported to Advanced Environmental Laboratories for analysis.

All seven (7) monitoring wells sampled were analyzed for the presence of benzene, toluene, ethylbenzene, and total xylenes (BTEX)/methyl tert-butyl ether (MTBE) using EPA Method 8260, polycyclic aromatic hydrocarbons (PAHs) using EPA Method 8270, and total recoverable petroleum hydrocarbons (TRPH) via State Method FL-PRO.

4. Results and Findings

4.1 Groundwater Depth and Flow Direction

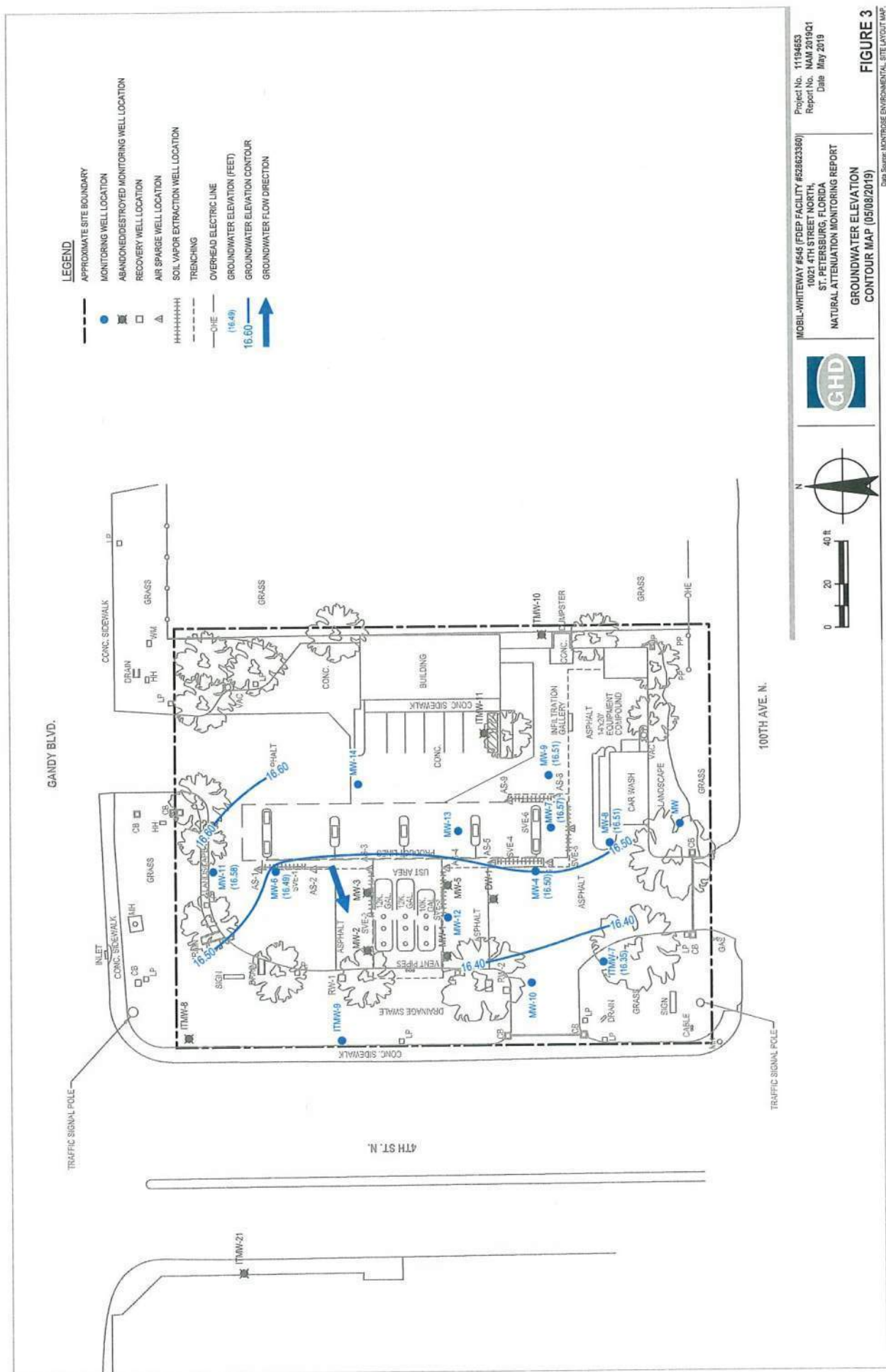
Water-level measurements were converted to groundwater elevations and subsequently plotted and contoured to produce a groundwater flow map. The groundwater flow in the surficial aquifer appeared to flow generally towards the west during the May 2019 sampling event (**Figure 3**). A horizontal hydraulic gradient of approximately 0.003 feet per foot (ft/ft) was calculated between monitoring wells MW-8 and ITMW-7.

4.2 Groundwater Analytical Results

The laboratory analytical results of the May 2019 groundwater monitoring event revealed all petroleum constituents of concern were reported at concentrations below their respective GCTLs. Copies of the laboratory analytical reports are included in **Appendix B**. A summary of groundwater analytical data is provided in **Table 2** and shown graphically on **Figure 4**.

5. Conclusions

GHD completed NAM activities per Purchase Order No. B4F16F in May 2019. The groundwater sampling event revealed all petroleum constituents of concern were reported at concentrations below their respective GCTLs.



Chris Garth

From: Rogers, Jennifer L <Jennifer.L.Rogers@FloridaDEP.gov>
Sent: Tuesday, September 28, 2021 2:39 PM
To: Chris Garth
Subject: RE: Fac ID 8623360 _ Mobil Whiteway #545 _ 10021 4th Street North

Hello,

This facility will be closed with a CSRCO.

Unfortunately, we are still waiting for submittal of the DRC package so the CSRCO can be completed.

We've been requesting the DRC package for over a year ...

From: Chris Garth <cgarth@tierraeng.com>
Sent: Tuesday, September 28, 2021 2:33 PM
To: Rogers, Jennifer L <Jennifer.L.Rogers@FloridaDEP.gov>
Subject: FW: Fac ID 8623360 _ Mobil Whiteway #545 _ 10021 4th Street North

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

We are trying to determine the current status of this [gas station](#) facility...Has a Site Rehabilitation Completion Order (SRCO), or some variety of an SRCO been issued for this facility? I don't see one on the FDEP OCULUS database, but do see reference made to a similar document referred to as a "Provisional No Further Action Conditional Closure" on or about June 3, 2019. If an SRCO, or similar document was issued, would you please provide a pdf copy?

Thanks,

Chris Garth, LEP

TIERRA, INC.

T 813.989.1354 | F 813.989.1355 | C 813.766.0269

geotechnical environmental materials engineering

From: Herbon, Shannon [<mailto:Shannon.Herbon@FloridaDEP.gov>]
Sent: Tuesday, September 28, 2021 2:22 PM
To: Chris Garth <cgarth@tierraeng.com>
Cc: PublicRecordsRequests Regulatory <PublicRecordsRequests_Regulatory@dep.state.fl.us>
Subject: RE: Fac ID 8623360 _ Mobil Whiteway #545 _ 10021 4th Street North

Hi Chris. In the future, please send all records requests to PublicRecordsRequests_Regulatory@dep.state.fl.us for processing.

Here is the Oculus link you were searching for: <https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8623360/facility!search>

The Petroleum Restoration Program in Tallahassee is managing the referenced facility. The project manager is Ms. Jennifer Rogers who may be able to address his questions (phone # 850-245-8919- and email Jennifer.L.Rogers@FloridaDEP.gov)

Thank you!



Shannon Herbon

Florida Department of Environmental Protection
Southwest District
Public Information Manager
Media/Legislative Affairs
Shannon.Herbon@FloridaDEP.gov

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From: Herbon, Shannon [<mailto:Shannon.Herbon@FloridaDEP.gov>]
Sent: Tuesday, September 28, 2021 1:32 PM
To: Chris Garth <cgarth@tierraeng.com>
Subject: RE: Fac ID 8623360 _ Mobil Whiteway #545 _ 10021 4th Street North

Chris – was there supposed to be something attached or linked?

From: Chris Garth <cgarth@tierraeng.com>
Sent: Tuesday, September 28, 2021 1:19 PM
To: Herbon, Shannon <Shannon.Herbon@FloridaDEP.gov>
Subject: FW: Fac ID 8623360 _ Mobil Whiteway #545 _ 10021 4th Street North

EXTERNAL MESSAGE

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Shannon,

We are trying to determine the current status of this [gas station](#) facility...Has a Site Rehabilitation Completion Order (SRCO), or some variety of an SRCO been issued for this facility? I don't see one on the FDEP OCULUS database, but do see reference made to a similar document referred to as a "Provisional No Further Action Conditional Closure" on or about June 3, 2019.

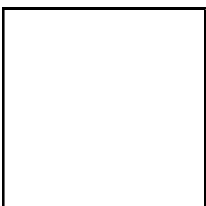
Thanks,

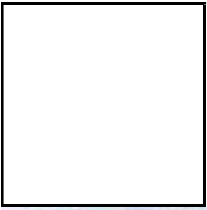
Chris Garth, LEP
Senior Scientist

TIERRA, INC.

7351 Temple Terrace Highway | Tampa, Florida 33637
T 813.989.1354 | F 813.989.1355 | C 813.766.0269
cgarth@tierraeng.com | www.tierraeng.com
geotechnical environmental materials engineering

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SITE 9 – FORMER GASOLINE/SERVICE STATION

FORMERLY 12004 GANDY BOULEVARD (CURRENT “GANDY BOULEVARD”)

SITE 10 – FORMER GANDY BOAT YARD

(THOMAS A. KING ESTATE – WEST PARCEL)

FORMERLY 12016 GANDY BLVD

SITE 11 – FORMER PIRATES LANDING BAIT SHOP

(THOMAS A. KING ESTATE – EAST PARCEL)

FORMERLY 12020 GANDY BLVD

Chris Garth

From: Lashbrook, Scott J <Scott.Lashbrook2@flhealth.gov>
Sent: Wednesday, August 25, 2021 12:12 PM
To: Chris Garth
Subject: RE: INFORMATION REQUEST - TANKS FAC ID 9600673 _ GANDY BOAT YARD (Former gas station)
Attachments: 000635DD.PDF; 00638198.pdf

The only other Facility ID# 529600674 with a listed street address as 12020 Gandy Blvd and no UST information. Attached Contamination Form Feb 1996 and Limited Contamination Assessment Rpt dated May 1996. There appears no documentation for actual fuel station nor tank location.

Scott Lashbrook
Storage Tank Compliance & Petroleum Restoration Programs
Florida Department of Health in Pinellas County
8751 Ulmerton Road, Suite 2000 - Largo, FL 33771
scott.lashbrook2@flhealth.gov
Phone: 727-275-6458 / Cell: 727-242-1905

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From: Chris Garth <cgarth@tierraeng.com>
Sent: Wednesday, August 25, 2021 10:28 AM
To: Lashbrook, Scott J <Scott.Lashbrook2@flhealth.gov>
Subject: RE: INFORMATION REQUEST - TANKS FAC ID 9600673 _ GANDY BOAT YARD (Former gas station)

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Thanks Scott...what facility number did you find for the gas station regarding the information below? Was the actual gas station ever assigned its own facility ID number? Or was the information you provided found in files for a nearby facility?

Chris Garth, LEP

TIERRA, INC.

T 813.989.1354 | F 813.989.1355 | C 813.766.0269
geotechnical environmental materials engineering

From: Lashbrook, Scott J [<mailto:Scott.Lashbrook2@flhealth.gov>]
Sent: Thursday, August 19, 2021 4:26 PM
To: Chris Garth <cgarth@tierraeng.com>
Cc: Pinellas_Environmental <Pinellas_Environmental@flhealth.gov>
Subject: FW: INFORMATION REQUEST - TANKS FAC ID 9600673 _ GANDY BOAT YARD (Former gas station)

Dear Mr. Garth:

The Florida Department of Health in Pinellas County, Division of Disease Control & Health Protection is providing the following information in response to your August 19, 2021 request for the following address:

**FORMER GANDY BOAT YARD (THOMAS A. KING ESTATE – WEST PARCEL)
12016 GANDY BLVD (Also identified as 12004 Gandy Blvd), St. Petersburg, 33702**

The Florida Department of Environmental Protection (FDEP), Storage Tank Program database indicates removal of two underground storage tanks with a record entry dated April 8, 1996. However, there was no specific details about the tank systems, closure documentation, nor associated assessment. Our local office does not have any paper files for this facility ID # 529600673. It is suggested you contact the DEP Southwest District office in Tampa, phone (813) 470-5700.

Please let us know if we can be of additional assistance

Scott Lashbrook
Storage Tank Compliance & Petroleum Restoration Programs
Florida Department of Health in Pinellas County
8751 Ulmerton Road, Suite 2000 - Largo, FL 33771
scott.lashbrook2@flhealth.gov
Phone: 727-275-6458 / Cell: 727-242-1905

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From: Chris Garth <cgarth@tierraeng.com>
Sent: Thursday, August 19, 2021 9:52 AM
To: Pinellas_Environmental <Pinellas_Environmental@flhealth.gov>
Subject: INFORMATION REQUEST - TANKS FAC ID 9600673 _ GANDY BOAT YARD (Former gas station)

EXTERNAL EMAIL: DO NOT CLICK links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern,

We are performing a Level I contamination screening evaluation for FDOT and have run across a former gas station (now a grassy field surrounded by fencing (inaccessible), with no current address other than "Gandy Boulevard") we were unable to find a tank closure/assessment document on the FDEP OCULUS database. Do you have a tank closure/assessment report for this facility? If not, any documents depicting the tank(s) location?

I have attached a document which indicates Pinellas County personnel performed a site inspection of the gas station & adjoining east parcel in 1996. The inspector noted a pump island, evidence of four vent pipes, and hydraulic lifts in the service bays during the site inspection. However, the inspector failed to mention if fuel storage tanks were present, or their locations. A Phase II ESA is available on OCULUS, but only for the adjoining east parcel, not the gas station. The tanks were not identified on figures in the Phase II ESA report.

Also, have the tanks been removed? We found no information to indicate the tanks were removed on the OCULUS database. Do you have such documentation? If so, we would appreciate if you would please provide a pdf copy of these documents.

FORMER

GANDY BOAT YARD

(THOMAS A. KING ESTATE – WEST PARCEL) – the gas station appears to be one of two parcels included in the Thomas A. King Estate

12016 GANDY BLVD (Also identified as 12004 Gandy Blvd)

Fac. ID 9600673

We noted the Phase I ESA was found under the facility ID for the adjoining east parcel, but again no tank locations or mention of the tanks status...

Please call or email if you have questions.

Respectfully,

Chris Garth, LEP

Senior Scientist

TIERRA, INC.

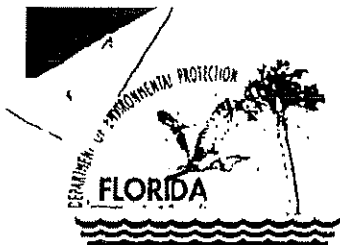
7351 Temple Terrace Highway | Tampa, Florida 33637

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cgarth@tierraeng.com | www.tierraeng.com

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BUREAU OF PETROLEUM
STORAGE SYSTEMS

DEC 17 1996

Department of
Environmental Protection

PETROLEUM CLEANUP
SECTION 3

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

DEC 16 1996

Ms. Marilyn M. Polson
Fisher & Sauls, P.A.
Suite 701 City Center
100 Second Avenue South
St. Petersburg, FL 33701

RE: **Pirates Landing**
Thomas A. King Estate
12020 Gandy Boulevard
St. Petersburg, Pinellas County, Florida
DEP Facility ID #529600674

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
DEC 18 5:10:33
OFFICE OF PETROLEUM
CLEANUP
SECTION 3

Dear Ms. Polson:

Joan Ragland of the Bureau of Petroleum Storage Systems has reviewed the Contamination Assessment Report (CAR) and No Further Action Proposal (NFAP) dated May 1996 (received June 1, 1996) prepared and submitted by Geo-Ambient for this site. Documentation submitted with the NFAP confirms that criteria set forth in Section 62-770.630(3), Florida Administrative Code (F.A.C.), have been met. The NFAP is hereby incorporated by reference in this Order. Therefore, you are released from any further obligation to conduct site rehabilitation at the site, except as set forth below.

If a subsequent discharge of petroleum or petroleum product occurs at the site, the Department may require site rehabilitation in order to reduce contaminant concentrations to the levels approved through review of the NFAP or otherwise allowed by Chapter 62-770, F.A.C.

Additionally, you are required to properly abandon all monitoring wells except compliance wells required by Chapter 62-761, F.A.C., for release detection. The wells must be abandoned in accordance with the requirements of Rule 62-532.500(4), F.A.C.

Persons whose substantial interests are affected by this Site Rehabilitation Completion Order have a right to challenge the Department's decision. Such a challenge may include filing a petition for an administrative determination (hearing) as described in the following paragraphs. However, pursuant to Chapter 62-103, F.A.C., you may request an extension of time to

**REPORT ON A
LIMITED CONTAMINATION ASSESSMENT
THOMAS KING ESTATE PROPERTY
12016-12020 GANDY BOULEVARD
ST. PETERSBURG, FLORIDA**

Prepared For

**THE ESTATE OF THOMAS A. KING, DECEASED
St. Petersburg, Florida**

Prepared By

**GEO-AMBIENT
St. Petersburg, Florida**

May 1996
Project 965017

1.0 INTRODUCTION

This Limited Contamination Assessment Report (LCAR) presents a summary of assessment activities conducted at the subject site and the results of that assessment. This section presents the project background, a description of the subject site, and the project objectives and scope of work performed.

1.1 Site Description and Project Background

On February 23, 1996, Geo-Ambient was authorized by the Personal Representative of the Thomas A. King Estate, through its counsel, Fisher & Sauls, P.A., to perform a Limited Contamination Assessment (LCA) of a portion of property located at 12016 to 12020 Gandy Boulevard ("subject property") in St. Petersburg, Florida (Figure 1). The subject property is situated in Section 17, Township 30 South, Range 17 East in Pinellas County, and consists of two adjacent parcels located at the above-referenced addresses. The western-most parcel is at 12016 Gandy Boulevard and the eastern-most parcel is at 12020 Gandy Boulevard. The LCA work was performed in March and April 1996 and was limited to the western central portion of the western-most parcel (12016 Gandy Boulevard). This portion of the subject property will be referred to throughout this report as the "subject parcel".

At the time Geo-Ambient conducted the LCA activities for this study, the subject parcel was cleared and vacant with no structures, except for a concrete pad for a building that was on the site during the Phase I assessment. Photographs of the subject parcel that were taken by Geo-Ambient are provided in Appendix A.

The subject property is bounded by other properties as follows: to the north by Gandy Boulevard and beyond that by a television broadcasting facility and vacant, undeveloped land; to

the east by Mariner Yacht at 12022 Gandy Boulevard (reportedly a former service station); to the south by an unpaved alley and a mobile home park beyond; and to the west by a boat repair facility at 12004 Gandy Boulevard (reportedly a former service station). Figure 2 shows these features.

In March and April 1995, U.S. Environmental Group, Inc. (USEG) conducted a Phase I Environmental Site Assessment (ESA) of the subject property. According to the Phase I ESA report, dated April 12, 1995, the western-most parcel (the subject parcel) was identified as the Gandy Boat Yard where boat, boat engine, and trailer repairs were conducted, and trailer storage was provided. The eastern-most parcel was identified as Pirates Landing, a bait and crab retail business that included a mobile home in which a tenant resided. A diagram of the subject property from the Phase I report (Figure 2, Site Diagram) is provided in Appendix B.

The Phase I ESA identified several areas on the subject property that may have been impacted by previous activities conducted on the site, and also identified off-site concerns that may have impacted the site. On-site concerns noted on the western-most parcel included a boat and trailer service building and bays, a storage area for boat and engine parts, and a shed used to store repair supplies. On-site concerns noted in the eastern-most parcel included an area of distressed vegetation where crab traps coated with a black liquid were stored, a storage area for old boats and miscellaneous trash, and an area of debris around several coolers/freezers.

Off-site concerns were noted on properties adjacent to and west and east of the subject property. According to historical information, an automobile service station was in operation from 1955 to 1966 on the present-day boat repair facility located adjacent to and west of the subject property, at 12004 Gandy Boulevard. Additional information concerning this site such as the presence, number, type and age of fuel storage tanks and type(s) of fuel dispensed was not

available. Information concerning impact to the environment, if any, from activities conducted at this site was not available.

A fuel service station was in operation from 1947 to 1960 on the present-day Mariner Yacht property adjacent to and east of the subject property, at 12022 Gandy Boulevard. The Phase I ESA report indicated that, according to Florida Department of Environmental Protection (FDEP) files, four underground storage tanks (USTs) were removed from this site in July 1993 by Dames & Moore, Inc. A Contamination Assessment Report for the site recommended that, based on the low levels of petroleum constituents detected in ground water and soil, the site should be granted a "No Further Action" (NFA) status. Geo-Ambient contacted Pinellas County personnel in the tanks regulatory office of the county Public Health Unit (PHU) who indicated that a NFA status had been granted to that site in January 1996. According to regulatory information, this site did not appear to have impacted the subject property.

Subsequent to the Phase I ESA and based on findings of that study, USEG conducted a Phase II ESA of the subject property in July 1995. The purpose of the Phase II ESA was to assess the impact, if any, to soil and/or ground water from past activities conducted at the site and/or on adjacent properties, as described in the Phase I report. As part of the Phase II assessment activities, USEG conducted 14 soil borings with associated field screening of soil samples and installed and sampled four temporary ground-water monitoring wells. The locations of these soil borings and wells are shown in Figure 2 from the USEG Phase II report. A copy of that figure, Site Plan with SB & TMW Locations, is provided in Appendix C of this report. Ground-water samples were analyzed for volatile organic compounds (VOCs) by USEPA Methods 601 and 602 and for total recoverable petroleum hydrocarbons (TRPH) by USEPA Method 418.1.

The Phase II ESA report, dated August 1995, indicated that soil and ground water in an area on the subject property located along the western central property boundary appeared to have

been impacted by petroleum product(s). This area is located adjacent to the present-day boat repair facility and reported former service station located at 12004 Gandy Boulevard. According to the Phase II report, ground water at the subject property was encountered at 2.5 to 3 feet below land surface (bls). Results of the Phase II soil screening indicated that excessively contaminated soils, as defined in Florida Administrative Code (FAC) Chapter 62-770.200(2), were present in soil boring SB-5 that was performed in the impacted area. A soil sample collected from boring SB-5 within a depth interval of 1 to 2 feet below land surface (bls) had a reading of greater than 2000 parts per million (ppm) when screened with an organic vapor analyzer (OVA). Elevated OVA readings were also detected in soil samples from within the saturated zone, i.e., within sample depth intervals of 2 to 3 feet (850 ppm), 3 to 4 feet (850 ppm), and 4 to 5 feet (750 ppm).

The Phase II report also indicated that analytical results on ground-water samples collected from well TMW-3 that was installed in the borehole for SB-5 exhibited petroleum constituents at concentrations in excess of cleanup levels established for petroleum products in FAC 62-770.730(5)(a). The concentration of total volatile organic aromatic (VOA) compounds detected in well TMW-3, 51.4 micrograms per liter ($\mu\text{g/L}$), was slightly above the cleanup standard of 50 $\mu\text{g/L}$.

Subsequent to a telephone discussion on February 14, 1996, between Fisher & Sauls and Pinellas County PHU personnel, Fisher & Sauls, on behalf of the Personal Representative of the Estate of Thomas A. King, submitted to the county a Petroleum or Petroleum Product Contamination Report Form, FDEP form 62-770.900(1). Information provided on the form indicated that the subject parcel had been impacted by release of unknown petroleum product(s) from an unknown source(s). A copy of the form submitted is provided in Appendix D. On February 13, 1996, Geo-Ambient personnel talked to Ms. Leslie Pedigo of the FDEP Southwest District office in Tampa, Florida, concerning the site-specific conditions for the subject property

3.0 FIELD ACTIVITIES

This section discusses the LCA field activities conducted by Geo-Ambient. Activities included soil sample collection and screening, well and piezometer installation, water level measurements, and ground-water sample collection and analyses.

3.1 Shallow Soil Borings, Soil Sampling, and Field Screening

On March 27, 1996, Geo-Ambient personnel performed 11 shallow soil borings at the subject parcel to further assess the presence and extent of impacted soil that was reportedly identified in soil boring SB-5 in the Phase II report prepared by USEG. The approximate locations of the borings installed by Geo-Ambient, SB-1 through SB-11, are shown on Figure 3. One of the 11 borings, SB-2, was advanced within a few feet of the location of USEG boring SB-5.

Borings SB-1 through SB-11 were advanced to a depth at which ground water was encountered and samples were collected at one-foot intervals. According to the Phase II ESA report, ground water at the site was encountered at 2.5 to 3 feet bls. Geo-Ambient personnel collected soil samples from within the depth intervals of 1 to 1.5 feet, 2 to 2.5 feet, and 3 to 3.5 feet. Between sampling, the hand auger was decontaminated by scrubbing with Liquinox soap and rinsing with analyte-free water to reduce the potential for cross contamination of samples.

The boreholes were advanced and soil samples collected by means of a hand auger equipped with a stainless-steel auger bucket. Samples were removed from the auger bucket and placed into clean, 16-ounce jars with a minimum of two inches of space to allow head-space analysis. Aluminum foil was then placed over the top of the jars and sealed with duct tape. Samples were then screened for the presence of petroleum hydrocarbon vapors by means of an

OVA equipped with a flame ionization detector (FID). Two discrete samples were collected from each sample interval and one sample was screened for the presence of total hydrocarbons and one sample was screened for the presence of methane/ethane vapors. The difference between the two measurements indicates the level of total non-methane/ethane in the head space. Levels of hydrocarbons vapors detected in the vadose zone, from 0 to 2.5 feet bls (i.e., the subsurface sediments not saturated with ground water) were used to estimate the extent of soil contamination, if any. The level of vapors detected in the phreatic zone, from 2.5 feet to 3.5 feet bls (i.e., the water-saturated sediments) were used, in part, to determine well placement (see discussion in Section 3.2). The OVA screening results are summarized on Table 1.

3.2 Ground-Water Monitoring Well Installations

On April 1, 1996, Geo-Ambient personnel were on the subject parcel and observed installation of three permanent ground-water monitoring wells. These wells were installed to assess the presence and extent of impacted ground water that was identified in a previously installed temporary well, TMW-3, that was located in the northwestern portion of the subject parcel, adjacent to the reported former gas station facility. The approximate locations of the three new wells, MW-1 through MW-3, are shown on Figure 4. Well MW-2 was placed within a few feet of well TMW-3 that was installed by USEG as part of the Phase II ESA activities.

The three wells were installed by a licensed well driller by means of a continuous-flight, hollow-stem auger mounted on a truck. Well construction material consisted of two-inch diameter, flush-threaded, Schedule 40 PVC casing, and an 8.5-foot length of screen with a 0.01-inch slot. The screen was set at a depth that would intercept the water table at anticipated seasonal and tidal fluctuations. The annulus between the screen and borehole wall was backfilled with silica sand to a depth approximately ½ foot above the top of the screen slots. A minimum of ½ foot of wetted bentonite was placed in the annulus above the sand pack. Thicknesses of the sand

pack and bentonite seal were dependent on site conditions, such as depth to ground water. Well installation equipment and well construction materials (e.g., casing and screen) were decontaminated prior to introduction into the borehole to reduce the potential for well contamination. Well construction diagrams are provided in Appendix F.

After installation, the wells were developed until a minimum of five well casing volumes of water were removed. After development, the wells were completed flush with land surface with a locking cap inside a steel-protective casing with a manhole cover. The protective casing was set in concrete.

3.3 Piezometer Installations

On April 4 and 23, 1996, Geo-Ambient personnel installed a total of two piezometers, i.e., water level measurement wells, to assess the horizontal direction of shallow ground-water flow at the subject parcel. The approximate locations of these piezometers are shown on Figure 4. They were installed using a hand auger with a 4-inch diameter stainless-steel auger bucket and construction materials were the same as those used for the ground-water monitoring wells. Screen length was 5 feet and total borehole depths ranged from 4 to 5 feet bls, i.e., 1.5 to 2.5 feet below the depth of the water table. Piezometer construction diagrams are provided in Appendix F.

3.4 Well and Piezometer Elevation and Ground-Water Level Measurements

Following installation of the wells and piezometers, Geo-Ambient personnel measured elevations of the tops of the PVC casings relative to an arbitrary datum established on the subject parcel. The elevations were made using standard surveying techniques.

On April 10 and 23, 1996, Geo-Ambient measured the depth to ground water in the wells and piezometers. Measurements were made relative to the top of the well casings (TOC) using an electronic water level indicator. Well elevation and water level data obtained were used to evaluate the horizontal direction of shallow ground-water flow at the subject parcel. These data are summarized on Table 2.

Because the subject property was bounded by Tampa Bay and may be tidally influenced, the two measurement episodes included measurement of water levels for tide cycle time series. Each of these episodes consisted of three measurements of water level, one each in this order: high tide, low tide, and high tide. Tides times used were those provided in the *St. Petersburg Times* for the Gandy Bridge on the days the measurements were made. The bridge is located east of the subject property. To confirm that the times for tides at the bridge were equivalent to tide times for bay waters near the subject property, Geo-Ambient personnel made visual observations of water levels on pilings at a dock located along the southern boundary of the property. Water levels observed indicated that the Gandy Bridge times published for the various tides were approximately the same for tides that occurred in water adjacent to the property.

3.5 Ground-Water Sampling and Analyses

On April 4, 1996, a representative of Geo-Ambient collected ground-water samples from the three monitoring wells (MW-1 through MW-3). Prior to sample collection, the monitoring wells were purged of a minimum of five well-casing volumes of ground water to promote collection of representative water samples from the saturated zone. The wells were purged and samples collected by means of decontaminated Teflon bailers. Water samples collected were introduced into pre-cleaned sample containers supplied by an analytical laboratory and were then placed on ice for storage and transport to an FDEP-approved laboratory.

The samples were analyzed by the Center for Applied Engineering, Inc., located in St. Petersburg, Florida, for both the Gasoline and Kerosene Analytical Groups (GAG and KAG, respectively) of compounds described in FAC 62-770.600(8)(a) and (b) and by the analytical methods described therein. These are summarized as follows:

<u>ANALYTICAL PARAMETER</u>	<u>USEPA ANALYTICAL METHOD</u>
VOCs (including MTBE)	601, 602
Semi-Volatile Organic Compounds (Polynuclear Aromatic Hydrocarbons; PAHs)	610
Ethylene Dibromide (EDB)	8011
TRPH	418.1
Lead, total	200.1

Geo-Ambient also collected a sample from well MW-3 for measurement of the level of total dissolved solids (TDS) to assist in evaluating the classification of ground water at the subject parcel. Ground-water classification as defined by the FAC 62-520.410 is based, in part, on the level of TDS present in the water.

4.0 FIELD ASSESSMENT RESULTS

This section is a discussion of data obtained as part of the field assessment activities described in Section 3.0.

4.1 Site Geology

Sediments encountered in the 11 shallow soil borings from 0 to 2 feet bls were predominantly light brown quartz sand, fine-grained, sub-angular to sub-round, and moderately sorted. Sediments encountered from 2 feet to 3.5 feet bls were white to translucent quartz sand, very fine- to fine-grained, sub-angular to round, and very well sorted. Soil boring logs are provided in Appendix G.

4.2 Soil Sampling and Field Screening

Results of the soil sampling and field screening conducted on March 27, 1996, are summarized on Table 1. The data obtained indicate that the OVA/FID did not detect total non-methane/ethane readings within the unsaturated sediment interval sampled in the 11 soil borings. The unsaturated sand interval includes depths 2.5 feet bls or less. The data also indicated that the OVA/FID detected total non-methane/ethane readings within the saturated zone, i.e., 3 feet to 3.5 feet bls, in five of the borings: SB-2, SB-6, SB-7, SB-8, and SB-9. The OVA/FID readings for samples collected from 2 to 2.5 feet bls (unsaturated zone) and 3 to 3.5 feet bls (saturated zone) are shown on Figure 3. The data obtained do not confirm the presence of excessively contaminated soil detected in the unsaturated zone in the USEG Phase II soil boring SB-5. The data confirm the presence of petroleum vapors detected within the saturated zone in USEG boring SB-5.

4.3 Ground-Water Level Measurements and Flow Direction

Ground-water level measurements and relative elevations are summarized on Table 2. Ground-water elevations for the April 23, 1996, 6:38 pm measurement episode are shown on Figure 5. According to the data obtained, the general direction of shallow ground-water flow at the subject parcel is toward the southeast. On this basis, the area northwest of the subject parcel is considered to be hydraulically upgradient, the area to the southeast is considered to be downgradient, and areas to the northeast and southwest are considered to be sidegradient. The data also indicated that there was little, if any, obvious tidal influence on the subject parcel from the waters of nearby Tampa Bay. Water levels varied from 0.00 feet to 0.04 feet within the tide cycle times series.

4.4 Ground-Water Sampling and Analyses

Analytical results for compounds detected above method detection limits (MDLs) in the April 4, 1996, sampling episode are summarized on Table 3. Also included on the table are applicable cleanup target levels established by FDEP in FAC 62-770.730(5)(a) for petroleum-contaminated sites and criteria for monitoring only and no further action status as defined in the FDEP document "No Further Action and Monitoring Only Guidelines for Petroleum Contaminated Sites". Copies of the laboratory data report and chain of custody record for the sampling episode are included in Appendix H. The analytical data obtained indicate the following:

- A concentration of MTBE (methyl tert-butyl ether) was detected in ground-water from well MW-3. The level detected, 2.5 µg/L did not exceed the cleanup level of 50 µg/L.

5.0 CONCLUSIONS AND RECOMMENDATIONS

This section includes a discussion of the results of assessment activities conducted at the subject parcel as described herein and provides recommendations based on those results.

5.1 Conclusions

The results of the LCA activities conducted at the subject parcel, 12016 Gandy Boulevard, indicated the following:

Area Water Use

Information provided by SWFWMD indicated that there were no well permits for public or private potable water supply wells located within one-quarter to one-half mile of the subject parcel.

Ground-Water Flow Direction

The horizontal direction of shallow ground-water flow on the subject parcel is toward the southeast. Shallow ground-water levels did not appear to be tidally influenced where measured.

Classification of Ground Water

Based on analytical results for TDS in a ground-water sample collected at the site, the surficial aquifer, where sampled, meets a criterion for classification as Class G-II.

Soil Samples Screening

Results of soil sample screening with an OVA/FID indicated that concentrations of total non-methane/ethane hydrocarbons were not detected in samples collected from the vadose zone in the 11 borings advanced by Geo-Ambient. Soil in these borings do not appear to be adversely impacted by total non-methane/ethane hydrocarbons. In addition, the results do not confirm excessively contaminated soil in USEG boring SB-5 that was described in the Phase II ESA report.

Ground-Water Samples Analyses

Results of the laboratory analyses of ground-water samples collected from the three monitoring wells indicate that ground water in the area tested appeared to be minimally impacted by parameters from both the GAG and KAG of parameters. The levels of

MTBE, PAH and TRPH detected in ground-water samples did not exceed FDEP cleanup criteria for these parameters.

Contaminant Source(s)

No obvious on-site source for the constituents detected in ground water was observed at the time this assessment was conducted. Past activities conducted at the site, e.g., improper disposal of products related to engine/boat repair and/or maintenance, if such occurred, would be a potential source. However, the soil in the assessed area did not appear to be impacted; only ground water appeared impacted. It is likely that the source was off-site, e.g., the former automobile service station located northwest of and upgradient to the subject parcel.

5.2 Recommendations

The following recommendation is based on the results of the LCA activities performed at the subject property. We recommend that no further action be required of the subject property owner(s) relative to soil and ground-water contamination in the area studied as part of this LCA. Contamination was limited to ground water, excessively contaminated soil was not detected, there was no obvious on-site source of the ground-water contamination, and it appears that the source of the ground-water contamination was from off-site property.

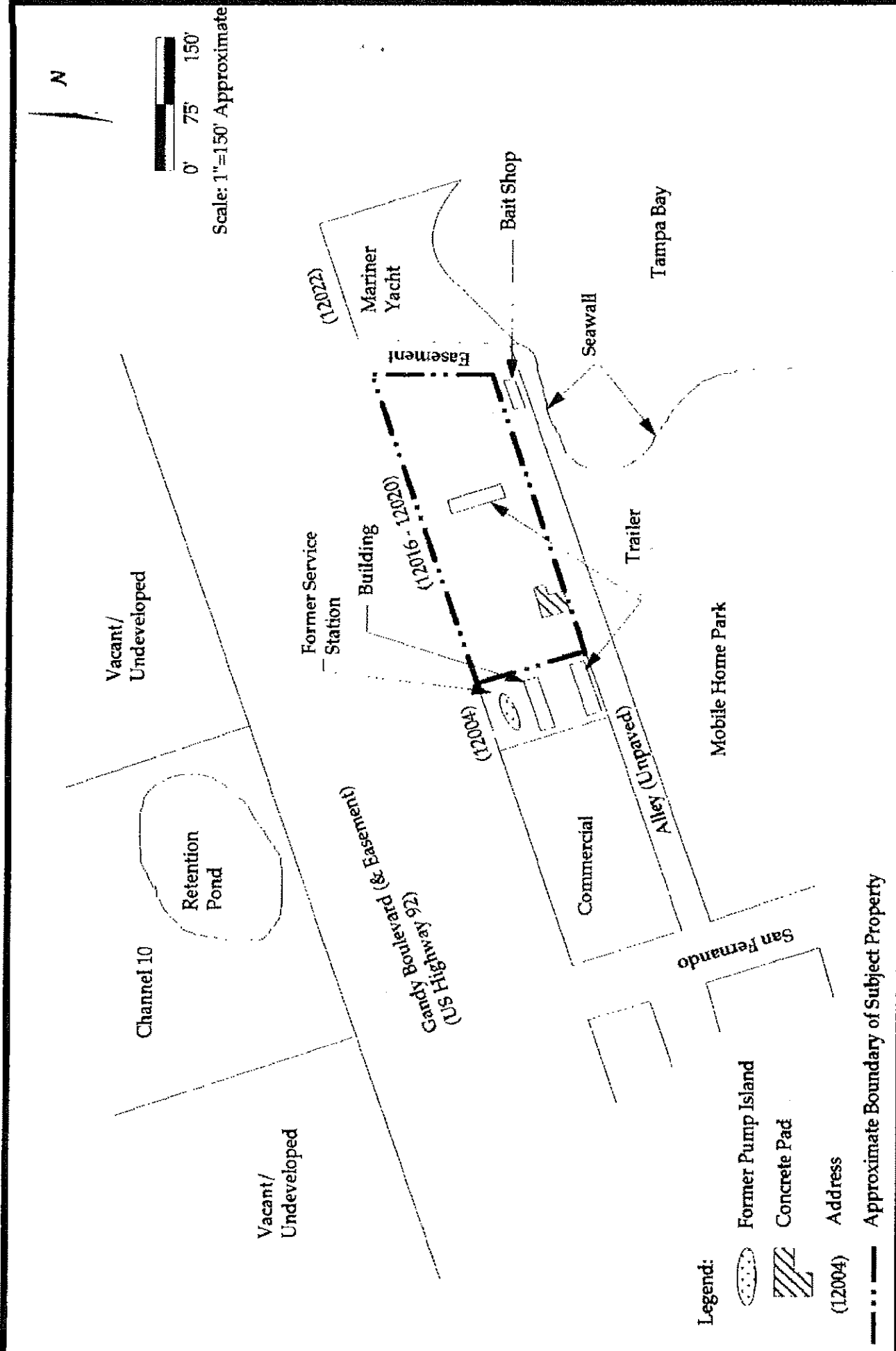
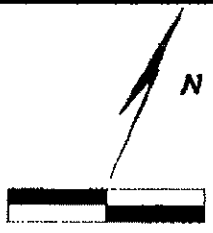


Figure 2
Site and Vicinity Map
 Thomas King Estate Property
 12016-12020 Candy Boulevard
 St. Petersburg, Florida

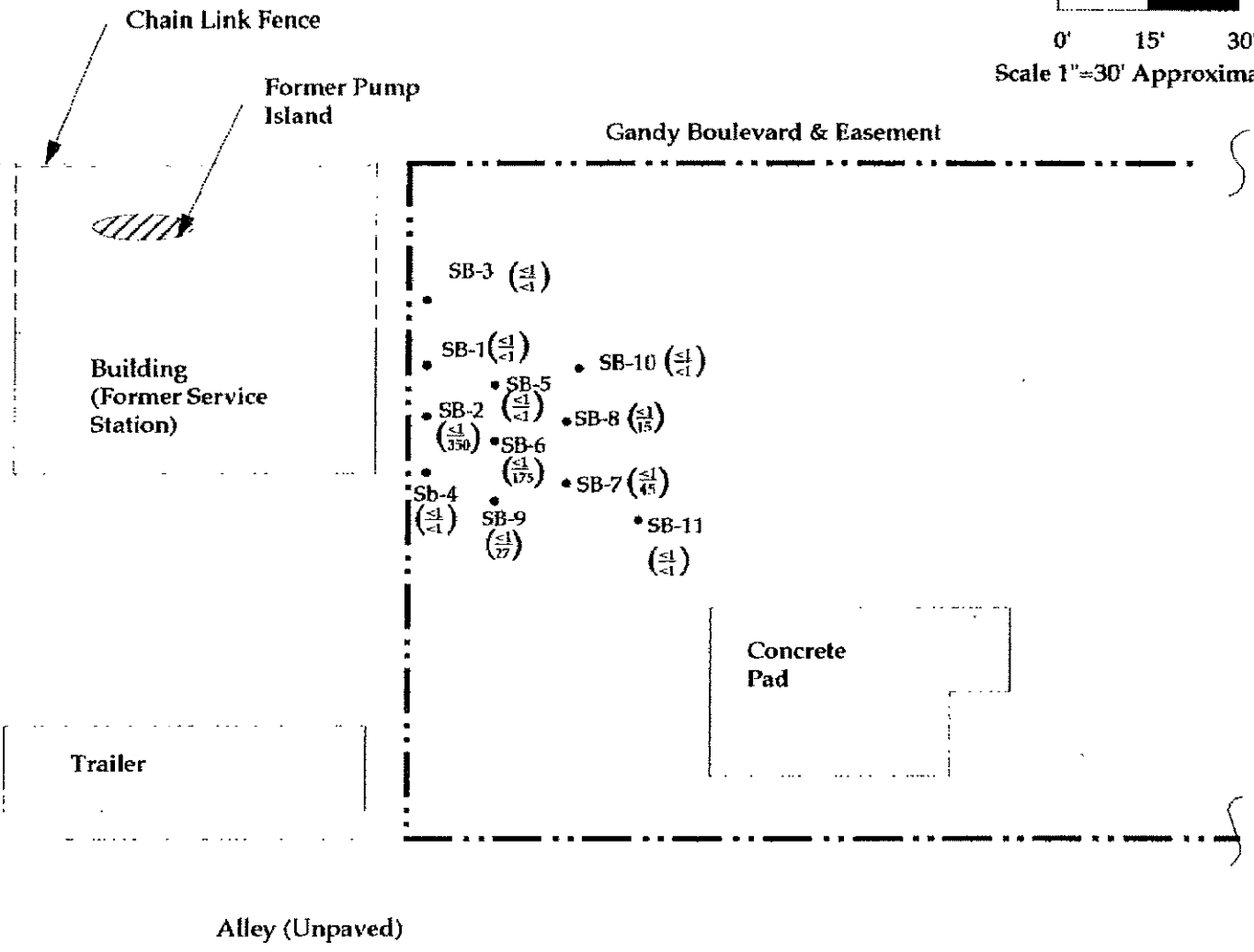
Project No. 965017	Drawn By: <i>LLA</i>	Rev. By: <i>LLA</i>
	Date: 04/96	
	Client: Estate of Thomas A. King, Deceased	
	St. Petersburg, Florida	

GEO-AMBIENT
 Environmental Scientists & Engineers
 St. Petersburg, Florida





0' 15' 30'
Scale 1"=30' Approximate



Legend:

- SB-1 - Number and Approximate Location of Soil Boring

(≤ 1) Hydrocarbon Vapor Reading in Parts Per Million on Soil Samples
From a Depth Interval of 2 to 2.5 Feet (unsaturated zone) and 3 to 3.5 Feet (saturated zone) Respectively.
Values Read With an OVA Equipped with a FID

< = Less Than

--- Approximate Property Boundary



GEO-AMBIENT

Environmental Scientists & Engineers

St. Petersburg, Florida

Project No. 965017

Drawn By: A.J.R. Rev. By: L.S.H.

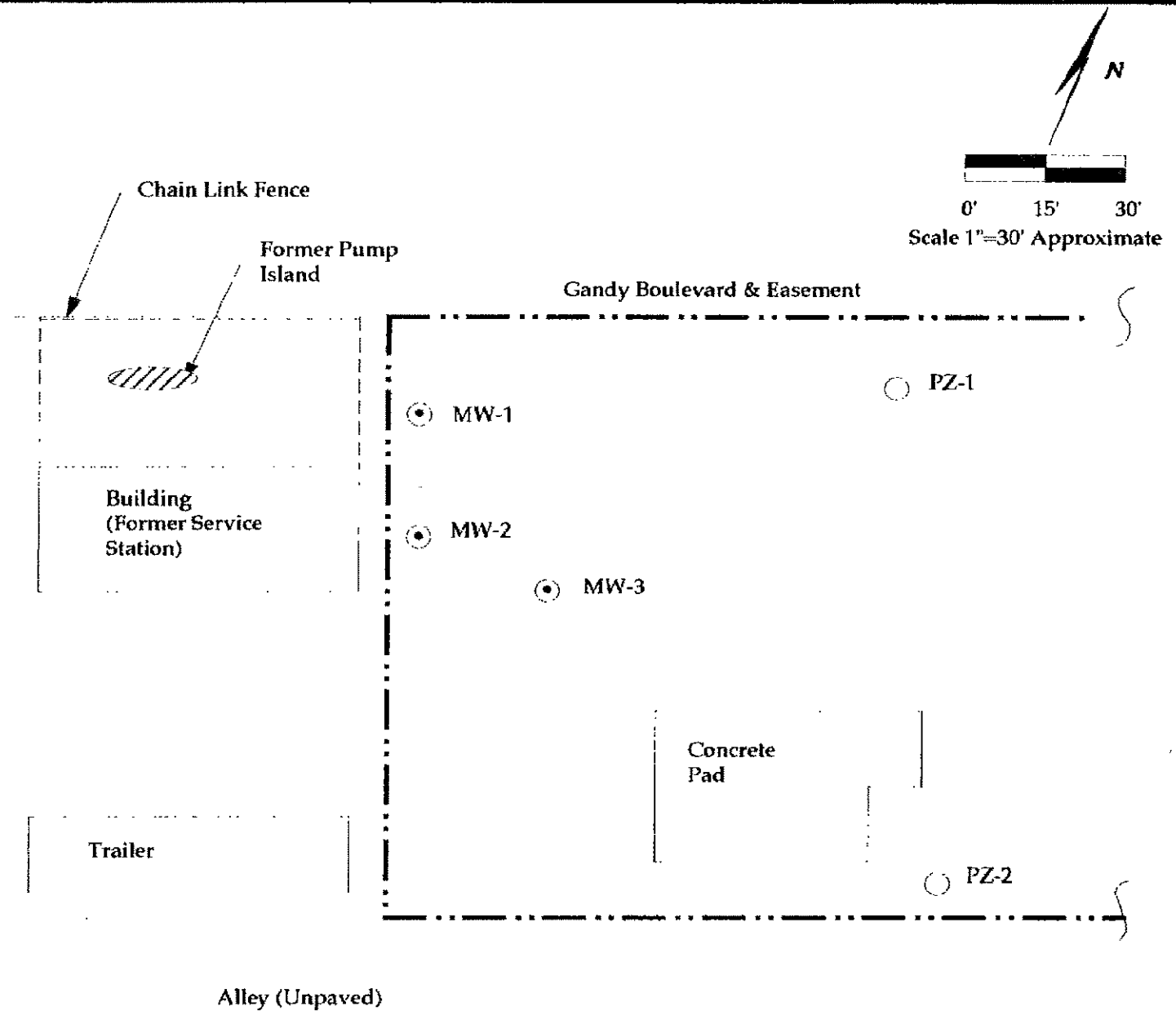
Date: 04/96

Client:

Estate of Thomas A. King, Deceased
St. Petersburg, Florida

Figure 3
Soil Boring Locations
Showing OVA Readings

Thomas King Estate Property
12016-12020 Gandy Boulevard
St. Petersburg, Florida



Legend:

- MW-1 Number and Approximate Location of Monitoring Well Installed By Geo-Ambient
- PZ-1 Number and Approximate Location of Piezometer Installed by Geo-Ambient
- Approximate Property Boundary



GEO-AMBIENT

Environmental Scientists & Engineers

St. Petersburg, Florida

Project No. **965017**

Drawn By: *A.J.R.* Rev. By: *L.S.A.*

Date: 04/96

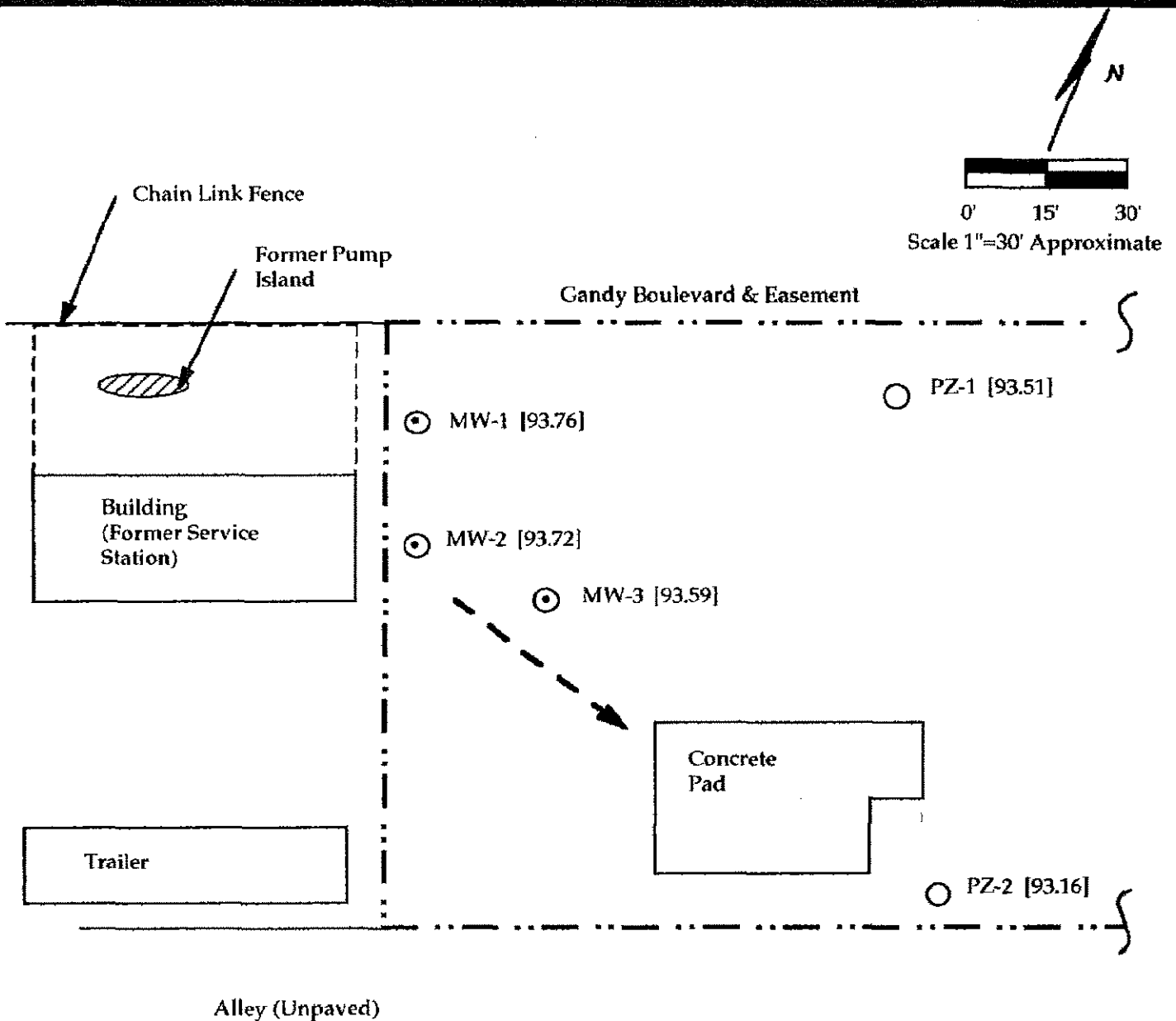
Client:

Estate of Thomas A. King, Deceased
St. Petersburg, Florida

Figure 4

**Monitoring Well &
Piezometer Locations**

Thomas King Estate Property
12016-12020 Gandy Boulevard
St. Petersburg, Florida



Legend:

- ⊙ MW-1 Number and Approximate Location of Monitoring Well Installed By Geo-Ambient
- PZ-1 Number and Approximate Location of Piezometer Installed by Geo-Ambient
- [93.76] Water Table Elevation in Feet, Relative to an Arbitrary Datum Assumed to be 100.00 Feet Above Mean Sea Level
- General Surficial Aquifer Flow Direction
- - - Approximate Property Boundary



GEO-AMBIENT

Environmental Scientists & Engineers

St. Petersburg, Florida

Project No.	965017
Drawn By:	A.J.R.
Rev. By:	P.B.H.
Date:	04/96
Client:	Estate of Thomas A. King, Deceased
	St. Petersburg, Florida

Figure 5

**Water Table Elevation Map,
April 23, 1996**

Thomas King Estate Property
12016-12020 Gandy Boulevard
St. Petersburg, Florida

**FISHER &
SAULS P.A.**
ATTORNEYS AT LAW

Established 1936

LOUIE N. ADCOCK, JR.
MICHAEL H. ALDEN
RICHARD M. BAKER
WILLIAM C. BALLARD
C. SCOTT BRAINARD
GENTRY B. BYRNES
RUSSELL L. CHEATHAM, III
ROBERT KAPUSTA, JR.
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BYRON T. SAULS (1904-1979)

OF COUNSEL
JOHN H.W. COLE
LAURIE W. VALENTINE

PLEASE REPLY TO P.O. BOX 387,
ST. PETERSBURG, FL 33731

March 11, 1996

Ernest M. Roggelin
Environmental Specialist III
Pollutant Storage Tank Program
HRS Pinellas County Public
Health Unit
Engineering Suite 300
4175 East Bay Drive
Clearwater, FL 34624-6966

HRS PINELLAS COUNTY
PUBLIC HEALTH

MAR 12 1996

ENVIRONMENTAL
ENGINEERING

529600673

Re: ~~Pirate's Landing~~ - Gandy Boat Yard
Dated February 14, 1996

Dear Mr. Roggelin:

This is in response to your letter dated February 16, 1996 sent to me as a result of filing the Petroleum or Petroleum Product Contamination Report form with your office on February 14, 1996.

Thank you for visiting Pirate's Landing/Gandy Boat Yard site owned by the Estate of Thomas A. King and responding immediately to the filing of the contamination report form. Enclosed for your file is a copy of the report prepared by U.S. Environmental Group, which provides the information apparently confirming contamination on this site.

Please be advised that the structure labeled "12016" Gandy Boulevard, which appears to be a former service station, is not located on property owned by the Estate of Thomas A. King. While the street address on the building is that which I understand is assigned to the King property, the Gandy Boat Yard tenant leased, for one business, property from the Estate of Thomas A. King, as well as leasing the adjacent property west of the King property. The structure you viewed is located on property to the west of the King property.

I have not prepared or submitted the Abandoned Tank Restoration Program application form, as my records contain no information

Ernest M. Roggelin
March 11, 1996
Page 2

which would indicate there are or were any underground tanks on the property owned by the Estate.

The Personal Representative of the Estate has contracted with Geo-Ambient, 4610 Central Avenue, St. Petersburg, FL 33711, for further testing and preparation of a Limited Contamination Assessment Report. The Project Manger is Linda L. Sheetz, P.G.

I am in the process of contacting the property owner to the west in an attempt to coordinate and possibly reduce costs of testing to determine the extent of potential contamination.

If you have any additional questions on this property, please feel free to contact me.

Very truly yours,

FISHER & SAULS, P.A.

A handwritten signature in cursive script, reading "Marilyn M. Polson".

Marilyn M. Polson

MMP:lba

Enclosure

cc: Louie N. Adcock, Jr.
Linda L. Sheetz, P.G.

PHASE II ENVIRONMENTAL SITE ASSESSMENT

FOR

**MR. GENTRY B. BYRNES
FISHER & SAULS, P.A.
P.O. BOX 387
ST. PETERSBURG, FLORIDA 33713**

AT

**THOMAS A. KING ESTATE
PIRATES LANDING/GANDY BOAT YARD
12020/12016 GANDY BOULEVARD
ST. PETERSBURG, FLORIDA 33702**

USEG PROJECT NO.: 955044

SUBMITTED BY:

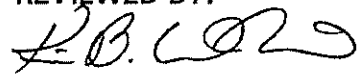
**U.S. ENVIRONMENTAL GROUP, INC. (USEG)
9270 BAY PLAZA BLVD., SUITE 600
TAMPA, FLORIDA 33619**

AUGUST 20, 1995

PREPARED BY:


**YUCONG TAO
PROJECT MANAGER**

REVIEWED BY:


**KIM B. WINSLOW, P.G.
DIRECTOR OF CONSULTING**

1.0 INTRODUCTION

The Phase II Environmental Site Assessment of the subject property was initiated upon the request of Mr. Gentry B. Byrnes of Fisher & Sauls, P.A. This assessment was specifically designed to assess soil and groundwater quality on the subject property.

The subject of the Phase II Environmental Site Assessment is the Pirates Landing/Gandy Boat Yard properties located at 12020 and 12016 Gandy Boulevard, respectively (see Site Diagram; FIGURE 1). The property is further described as being in Section 17, Township 30 South, Range 17 East.

The Phase I ESA report was prepared by U.S. Environmental Group, Inc., dated April 12, 1995. The Phase I ESA revealed on-site environmental concerns. During the site inspection, numerous crab traps were observed on the Pirates Landing facility. Evidence of distressed grasses and spillage in the general area were observed. Also, maintenance bays and the maintenance building were observed on the Gandy Boat Yard property. The area under the maintenance bays was covered by outdoor carpet and heavily soiled with oil/grease and equipment. Exposed boat engines and associated equipment were observed, as well as the storage area for the boat parts and supplies.

The Phase I ESA also revealed off-site environmental concerns. A review of the City Directories indicated the presence of a gas station on the abutting property to the west from 1955 to 1966. The Mariner Yacht Sales facility, abutting the subject site to the east, is also petroleum impacted. According to the Contamination Assessment Report performed at the Mariner Yacht facility, the local ground water flow is to the south, and a "No further Action" status is recommended for this facility.

Based on a database search, a literature review, and the general appearance of the subject property, USEG recommended testing of the soil and/or ground water on the subject property. Areas of concern included potential off-site migration of contaminants from the abutting properties to the east and west, as well as potential on-site contamination from poor housekeeping practices, and no structured program for the monitoring and disposal of hazardous waste.

Based on a review of available information for the subject site and surrounding area, a subsurface testing of the soil and ground water on the subject property was designed to address the on-site environmental concerns as well as off-site environmental concerns. The following describes the testing protocols followed:

- Install ten (10) soil borings (SB-1 through SB 10) to the water table on the subject property. Screen soil at one-foot intervals with an Organic Vapor Analyzer (OVA/FID).

- Install four shallow temporary monitoring wells (TMW-1 through TMW-4) to 15 feet on the subject property. Purge and sample TMW-1 through TMW-4, and submit the samples for laboratory analysis using EPA Methods 601, 602, and 418.1.
- Submit one equipment blank sample for laboratory analysis using EPA Methods 601 and 602, as a quality assurance sample.
- Properly abandon the borings according to local, state, and federal rules and regulations.
- Prepare a Phase II Environmental Site Assessment Report detailing the field activities and findings of the investigation. The report should include boring logs and a detailed site map identifying the sampling locations, the procedures for waste disposal and boring abandonment, and a statement indicating that all activities were performed in accordance with current local, state, and federal rules and regulations.

This report documents the environmental concerns noted on the site and wherever appropriate, the associated risks to the environment. Although this survey may not disclose all potential liabilities, every reasonable attempt has been made to do so within the scope of work agreed upon by USEG and Mr. Gentry B. Byrnes of Fisher & Sauls, P.A.

2.0 SUBSURFACE ASSESSMENT

On July 25, 1995, USEG initiated the soil and ground water investigation. A total of fourteen soil borings (SB-1 through SB-14) and four (4) temporary monitor wells (TWM-1 to TWM-4) were installed to assess soil and ground water conditions with regard to those environmental concerns as noted in the introduction section of this report (see Site Plan; **FIGURE 2**).

A total of four (4) soil borings (SB-1 through SB-4) and two (2) temporary monitoring wells (TMW-1 and TMW-2) were installed on the Pirates Landing Property addressed as 12020 Gandy Boulevard. SB-1 was installed at the middle of the property; SB-2 was installed adjacent to the Mariner Yacht (abutting property to the east) property's former underground storage tank farm area on the eastern portion of the property; SB-3 and TMW-1 were installed at the coolers/freezers area on the southeastern portion of the property; SB-4 and TMW-2 were installed at the compressor/tank area on the southwestern portion of the property.

A total of ten (10) soil borings (SB-5 through SB-14) and two (2) temporary monitoring wells (TMW-3 and TMW-4) were installed on the Gandy Boat Yard facility addressed as 12016 Gandy Boulevard. SB-5 and TMW-3 were installed on the western portion of the property which is approximately 3 feet to the east of the former service station addressed as 12004 Gandy Boulevard; SB-6 and TMW-4 were installed in the boat repair area on the south portion of the property; SB-7 through SB-11 were installed in the maintenance/repair bay area on the

eastern portion of the property; SB-12 and SB-13 were installed adjacent to the repair shed on the southwestern portion of the property; SB-14 was installed at the northwest corner of the property.

2.1 Soil Sampling and Screening

The following summarizes the soil sampling and testing procedures performed at the subject site:

Soil borings were installed to the top of the water table and soil samples were collected at one foot intervals. The water table was encountered approximately 3 feet below land surface (bls). The soil samples collected were placed in glass jars, capped with aluminum foil, and screened in the field with a Flame Ionization Detector (FID) for organic vapors. Before screening the soils, the FID was zeroed with clean air and then calibrated with 100 parts per million (ppm) methane (FID tested 100% accurate). The organic vapor headspace method, described in F.A.C. Chapter 62-770.200(2), was used to screen the soils. The soil samples were allowed to reach ambient temperature (approx. 80 degrees F), prior to screening with the FID. A carbon filter was used, after a total organic vapor screening was conducted, to compensate for the possible methane component in the headspace analysis.

Sample results, depths, and vapor concentrations are summarized in **TABLE 1**. During boring operations, cuttings were individually examined and detailed as to lithology, stain and odor by the site geologist as removed from the soil boring. The soil screening logs are included in **APPENDIX A**.

TABLE 1
Soils Survey
Flame Ionization Detector Readings (ppm)
Sampled 07/25/95

SB No.	Depth	Vapor Readings (ppm)			Odor
		W/O Filter	W/ Filter	Net	
SB-1	0-1	0	0	0	No Odor
	1-2	0	0	0	No Odor
	2-3	0	0	0	No Odor (wet)
	3-4	20	1	19	Methane
	4-5	90	50	40	Methane
SB-2	0-1	10	2	8	No Odor
	1-2	0	0	0	No Odor
	2-3	0	0	0	No Odor (wet)
	3-4	500	500	0	Methane
	4-5	50	30	20	Methane
SB-3	0-1	1	0	1	No Odor
	1-2	1	0	1	No Odor
	2-3	6	1	5	No Odor (wet)
	3-4	2600	2600	0	Methane
	4-5	2200	2200	0	Methane
SB-4	0-1	4	0	4	No Odor
	1-2	8	0	8	No Odor
	2-3	3	0	3	No Odor
	3-4	2	0	2	No Odor (wet)
SB-5	0-1	0	0	0	No Odor
	1-2	2000	0	2000	Strong Odor
	2-3	950	100	850	Strong Odor
	3-4	1250	400	850	Strong Odor (wet)
	4-5	2250	1500	750	Strong Odor

TABLE 1 (Continued)
Soils Survey
Flame Ionization Detector Readings (ppm)

SB No	Depth	Vapor Readings (ppm)			Odor
		W/O Filter	W/ Filter	Net	
SB-6	0-1	0	0	0	No Odor
	1-2	0	0	0	No Odor
	2-3	0	0	0	No Odor (Wet)
SB-7	0-1	0	0	0	No Odor
	1-2	0	0	0	No Odor
	2-3	0	0	0	No Odor (wet)
SB-8	0-1	7	0	7	No Odor
	1-2	2	0	2	No Odor
	2-3	1	0	1	No Odor (wet)
SB-9	0-1	0	0	0	No Odor (hit hard object)
SB-10	0-1	2	0	2	No Odor
	1-2	8	0	8	No Odor
	2-3	0	0	0	No Odor (wet)
SB-11	0-1	0	0	0	No Odor
	1-2	0	0	0	No Odor
	2-3	0	0	0	No Odor (wet)
SB-12	0-1	1	0	1	No Odor
	1-2	2	0	2	No Odor
	2-3	4	0	4	No Odor (wet)
SB-13	0-1	0	0	0	No Odor
	1-2	0	0	0	No Odor
	2-3	0	0	0	No Odor (wet)
SB-14	0-1	0	0	0	No Odor
	1-2	0	0	0	No Odor
	2-3	0	0	0	No Odor (wet)

Total OVA = reading without filter - reading with filter

FDEP Guidelines under F.A.C. Chapter 62-770.200, classify vapor readings of less than 10 ppm as "clean", and classify vapor readings of over 500 ppm for gasoline product or 50 ppm for mixed product as "excessively contaminated", when using the FID headspace method at related contamination sites. FDEP Guidelines classify petroleum-effected soils with FID readings greater than 10 ppm and less than 50 ppm (diesel), or 500 ppm (gasoline) as "contaminated, but not excessively contaminated."

The soil organic vapor testing shows the vapor readings from SB-5 are as high as 2000 ppm, which exceed the FDEP "excessively contaminated" soil criteria. In order to confirm USEG's soil organic testing results, one soil sample was collected at 2 feet bls from SB-5. The sample was submitted to Spectrum Laboratories, Inc. of Ft. Lauderdale, Florida, and analyzed by EPA Methods 8020 and 9073. TABLE 2 below shows partial results of the soil analysis. The laboratory analytical results and chain of custody are included as APPENDIX B to this report.

TABLE 2
Soil Laboratory Analytical Results
Sampled 07/25/95

EPA Methods	Parameter	Concentration	MCL
8020	Total Volatile Organic Aromatics (TVOA) (ug/kg)	12.5	100 ¹
9073	Total Recoverable Petroleum Hydrocarbon (TRPH) (mg/kg)	1450	50 ²

} SB-5
2' bls

Note:

Detected values are listed in micrograms per kilogram (ug/kg) or milligrams per kilogram (mg/kg).

MCL = Maximum Contaminant Level

- 1 = FDEP F.A.C Chapter 62-775.400(1) Criteria for Clean Soil-TVOA
- 2 = FDEP F.A.C Chapter 62-775.400(2) Criteria for Clean Soil-TRPH

It is noted that soil boring (SB-5) was located on the western portion of the property which is approximately 3 feet to the east of the former service station addressed as 12004 Gandy Boulevard. Laboratory analysis indicates that the level of TRPH from SB-5 exceeds the FDEP Criteria for Clean Soil in TRPH, although, the EPA Method 8020 target volatile hydrocarbon compounds are below the FDEP Criteria for Clean Soil. Laboratory analytical results further confirm USEG's soil vapor testing data, and USEG believes that there are "excessively contaminated" soils present in the area around SB-5/TMW-3.

2.2 Ground Water Testing

Four (4) temporary monitoring wells (TMW-1 to TMW-4) were installed, using a mobile drilling rig and 8" O.D. hollow stem stainless steel augers. The augers were cleaned prior to each use by steam cleaning. All temporary monitor wells were installed to a depth of 12 feet bls with 10 feet of 2" diameter .010 slotted PVC screen from 12' bls to 2' bls (see **FIGURE 3**). The remainder of the monitor wells were constructed of 2" diameter PVC casing to the land surface. 20/30 silica sand was used in each well as a sand filter pack. The wells were properly developed after installation to assure all drill cuttings were removed.

On July 28, 1995, USEG personnel purged TMW-1 through TMW-4. Ground water samples were collected and analyzed by EPA Methods 601, 602 and 418.1. In accordance with USEG's comprehensive Quality Assurance Plan, an equipment blank was prepared and analyzed by EPA Methods 601 and 602. Prior to sampling, a sample bailer was cleaned by the following procedure: a deionized water, alcohol and soap wash, a deionized water rinse, a pesticide grade alcohol rinse, a second pesticide grade alcohol rinse, and a final deionized water rinse. The bailer was then lowered into the well using clean string. This decontamination procedure was completed prior to the sampling of each well. Five (5) well volumes of ground water were removed from the wells before ground water sample collection. All sampling was done in accordance with USEG's Comprehensive Quality Assurance Plan (CompQAP # 910229G).

The samples were then placed in an iced cooler for transport to Spectrum Laboratories, Inc., located in Ft. Lauderdale, Florida. The ground water samples were then analyzed by Spectrum Laboratories, Inc.

Laboratory analytical results and chain-of-custody are presented in **APPENDIX B** to this report and a summary of the lab results for this assessment is included in **TABLE 3**.

TABLE 3
Ground Water Laboratory Analytical Results
Sampled 07/28/95

EPA Methods	Parameter	TMW1	TMW2	TMW3	TMW4	Equip-Blank	MCL
602	Benzene (ug/l)	BDL	BDL	BDL	BDL	BDL	1 ¹
	Ethylbenzene (ug/l)	BDL	BDL	BDL	BDL	BDL	700 ²
	Toluene (ug/l)	BDL	BDL	BDL	BDL	BDL	1000 ²
	Xylene (ug/l)	BDL	BDL	51.4	BDL	BDL	10000 ²
	BTEX (ug/l)	BDL	BDL	51.4	BDL	BDL	50 ¹
601	Various	BDL	BDL	BDL	BDL	BDL	various
9073	(TRPH) (mg/l)	-0.2	-0.2	-0.2	-0.2	N/A	5 ¹

Notes:

Detected values are listed in micrograms per liter (ug/l) or milligrams per liter (mg/l).

MCL = Maximum Contaminant Level

1 = FDEP F.A.C Chapter 62-770 Petroleum Contamination Site Rehabilitation Target Level (SRL).

2 = FDEP F.A.C Chapter 62-550 Primary Drinking Water Standard.

3 = EPA Drinking Water Requirement.

BDL = Below Laboratory Detection Limits.

N/A = Not Applicable.

TMW-3 was located on the western portion of the property which is approximately 3 feet to the east of the former service station addressed as 12004 Gandy Boulevard. It is also noted that TMW-3 shares the same location with SB-5. Laboratory analysis of the ground water indicates that the BTEX level from TMW-3 (51.4 ug/l) slightly exceeds the FDEP F.A.C Chapter 62-770, Petroleum Contamination Site Rehabilitation Target Level (SRL) of 50 ug/l. However, other EPA Methods 601 and TRPH target compounds are below detection limits. All EPA Method 601, 602, and 418.1 compounds analyzed from TMW-1, TMW-2, and TMW-4 were below the detection limits, and therefore within state and federal guidelines.

3.0 CONCLUSIONS AND RECOMMENDATIONS

USEG was retained to conduct a subsurface assessment at the Pirates Landing/Gandy Boat Yard properties located at 12020 and 12016 Gandy Boulevard, respectively (see Site Diagram; FIGURE 1). The objective of this assessment was to determine the condition of the soil and ground water quality on the property.

As part of the soil assessment, USEG supervised the installation of fourteen (14) soil borings. Soils were screened at one (1) foot intervals with an OVA/FID. The FDEP Guidelines classify petroleum impacted soils with FID readings greater than 10 ppm and less than 500 ppm (gasoline product) or 50 ppm (mixed product) as "contaminated, but not excessively contaminated"; soils with FID reading greater than 500 ppm (gasoline product) or 50 ppm (mixed product) as "excessively contaminated".

USEG's soil vapor testing detected elevated OVA readings in the soil samples from SB-5, which exceeded the state "excessively contaminated" soil criteria of 500 ppm for gasoline product or 50 ppm for diesel product impacted soils. In order to confirm USEG's vapor testing data, a soil sample was collected at 2 feet bls from SB-5, which showed the highest OVA reading of 2000 ppm. The soil sample was analyzed by EPA Method 8020 and 9073 (TRPH). A highly elevated TRPH level of 1450 mg/kg was documented, which exceeds the FDEP Criteria for Clean Soil (50 mg/kg), as defined in F.A.C Chapter 62-775.400 (2). Therefore, both USEG's organic vapor testing results and laboratory analytical results show the soils in the SB-5 area exceed the FDEP applicable criteria, and are defined as "excessively contaminated".

As part of the ground water assessment, USEG supervised the installation of four (4) shallow monitoring wells (TMW-1 through TMW-4). TMW-1 through TMW-4 were purged and sampled on July 28, 1995. The ground water samples were analyzed using EPA Method 601, 602, and 418.1. Analytical results of TMW-3 show that slightly elevated Total Volatile Organic Hydrocarbon concentration (51.4 ug/l) exceeded the FDEP F.A.C Chapter 62-770 Petroleum Contamination Site Rehabilitation Target Level (50 ug/l). However, other EPA Methods 601 and 418.1 (TRPH) target compounds were below detection limits. Also, EPA 601, 602 and 418.1 target compounds from TMW-1, TMW-2, and TMW-4 were below detection limits, and therefore within acceptable levels.

total xylenes
In conclusion, USEG's subsurface ground water testing detected a slightly elevated total volatile hydrocarbon concentration of 51.4 ug/l in the ground water from TMW-3, which exceeds the FDEP F.A.C Chapter 62-770 Petroleum Contamination Site Rehabilitation Target Level (50 ug/l). In addition, USEG's soil vapor testing registered as high as 2000 ppm soil OVA readings of the soil samples from SB-5, which is located at the same point as TMW-3. Furthermore, a highly elevated soil TRPH concentration of 1450 mg/kg at 2 feet bls from SB-5 was also documented by laboratory analysis.

Recommendation

Based on USEG's ground water and soil assessment results, "excessively contaminated" soil and petroleum impacted ground water were detected on the western portion of the Gandy Boat Yard facility. USEG recommends that a Discharge Reporting Form be submitted to Pinellas County Public Health Unit as per FDEP requirements. In addition, USEG recommends further testing be conducted to determine whether the source of this contamination is from the adjacent former gas station or from on-site operations. Based on the initial results, it appears this contamination has not significantly impacted the ground water, and therefore, if the source can be determined and remediation measures taken, the impacted area on the subject property can be cleaned up to local, state, and federal requirements.

4.0 LIMITATIONS

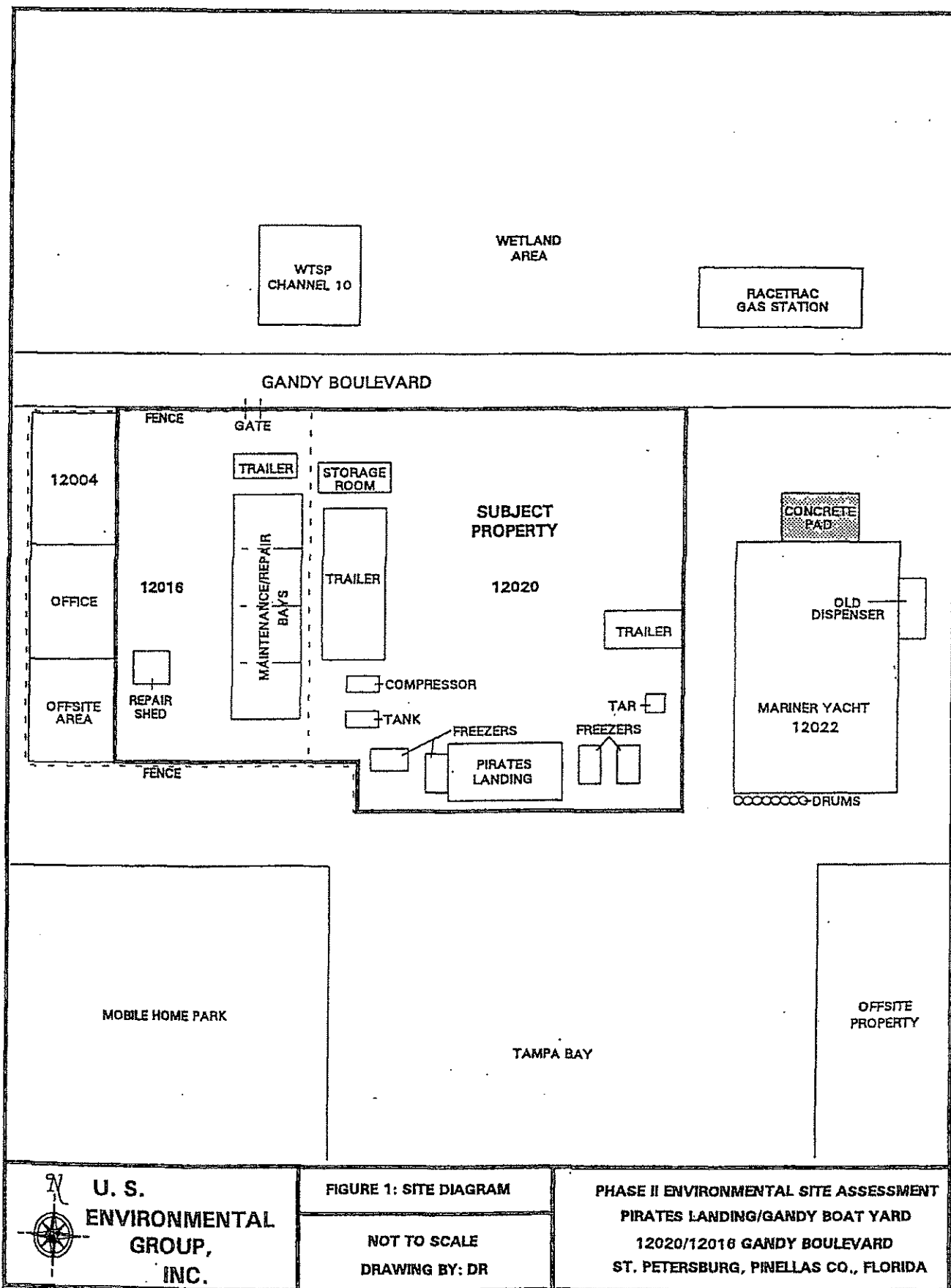
The findings of this report represent our best professional judgement; no other warranty is expressed or implied. Our findings are relevant to the dates of our site work and of the information cited. This report should not be relied upon to represent site conditions on other dates. This is not a statement of suitability of the property for any use or purpose.

USEG warrants that the findings contained herein have been prepared in general accordance with accepted professional practices as applied by similar professionals in the community at the time of its preparation. This information should assist involved parties to make an informed decision regarding a property transaction.

The field and laboratory results reported herein are considered sufficient in detail and scope to determine the presence of volatile organic compounds in the specific soil and ground water samples evaluated at the time of the inspection. Test results are valid only for the specific material which was tested.

There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site inspection. This study is limited to the information available from the client at the time the inspection was conducted.

This report is intended for the sole use of Fisher & Sauls, P.A and the Thomas A. King Estate. Its contents should not be relied upon by other parties without the express written consent of USEG.



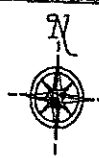
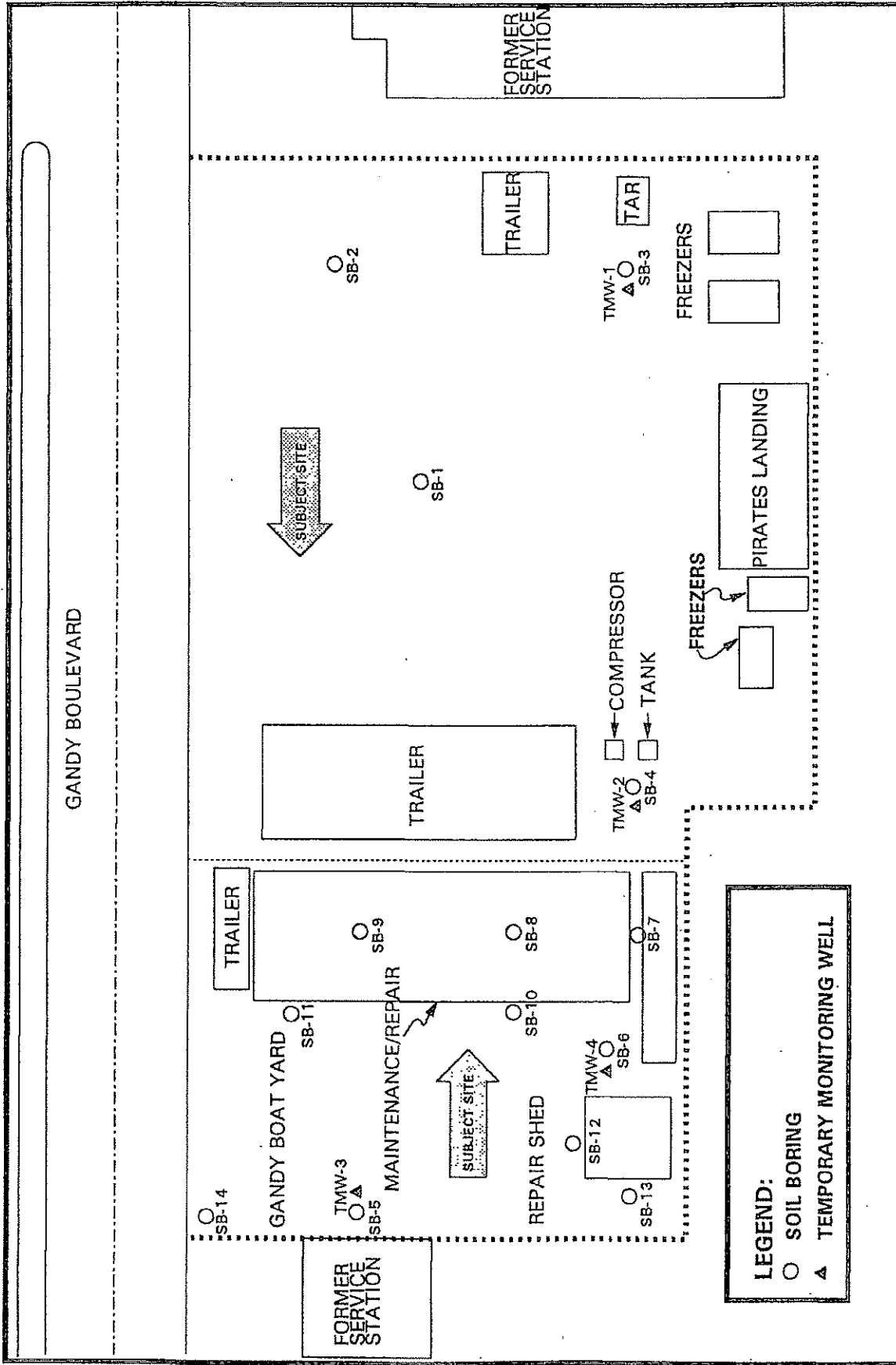

**U. S.
ENVIRONMENTAL
GROUP,
INC.**

FIGURE 1: SITE DIAGRAM

NOT TO SCALE
 DRAWING BY: DR

PHASE II ENVIRONMENTAL SITE ASSESSMENT
PIRATES LANDING/GANDY BOAT YARD
 12020/12016 GANDY BOULEVARD
 ST. PETERSBURG, PINELLAS CO., FLORIDA



<p>U.S. ENVIRONMENTAL GROUP, INC. (PROJECT #955044)</p>	<p>FIGURE 2 - SITE PLAN WITH SB & TMW LOCATIONS</p> <p>PHASE II ENVIRONMENTAL SITE ASSESSMENT PIRATES LANDING/GANDY BOAT YARD 12020/12016 GANDY BOULEVARD ST. PETERSBURG, PINELLAS CO., FL</p>	<p>C: 50442.DRW</p> <p>Drawing by : DARLENE RODRIGUEZ</p>
	<p>North Arrow</p>	

SITE 13 - RACETRAC #441

12025 GANDY BLVD



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

August 24, 2012

CERTIFIED MAIL #7011 2970 0004 1178 8404
RETURN RECEIPT REQUESTED

Ms. Lisa Ciotoli
RaceTrac Petroleum, Inc.
3225 Cumberland Boulevard, Suite 100
Atlanta, Georgia 30339

Subject: Site Rehabilitation Completion Order
RaceTrac #441
12025 Gandy Boulevard
St. Petersburg, Pinellas County
FDEP Facility ID# 529201309
Discharge Date: November 14, 2007 (Non-program)

Dear Ms. Ciotoli:

The Pinellas County Health Department, on behalf of the Florida Department of Environmental Protection (Department), has reviewed the Site Rehabilitation Completion Report (SRCR) and No Further Action Proposal (NFAP) dated June 12, 2012 (received June 21, 2012), prepared and submitted by Environmental Consulting Technology, Inc. for the petroleum product discharge referenced above. Documentation submitted with the SRCR/NFAP confirms that criteria set forth in Subsection 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. Please refer to the attached maps of the source property and analytical summary tables. The SRCR/NFAP is hereby incorporated by reference in this Site Rehabilitation Completion Order (Order). Therefore, you are released from any further obligation to conduct site rehabilitation at the facility for petroleum product contamination associated with the discharge referenced above, except as set forth below.

- (1) In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the facility, the Department may require

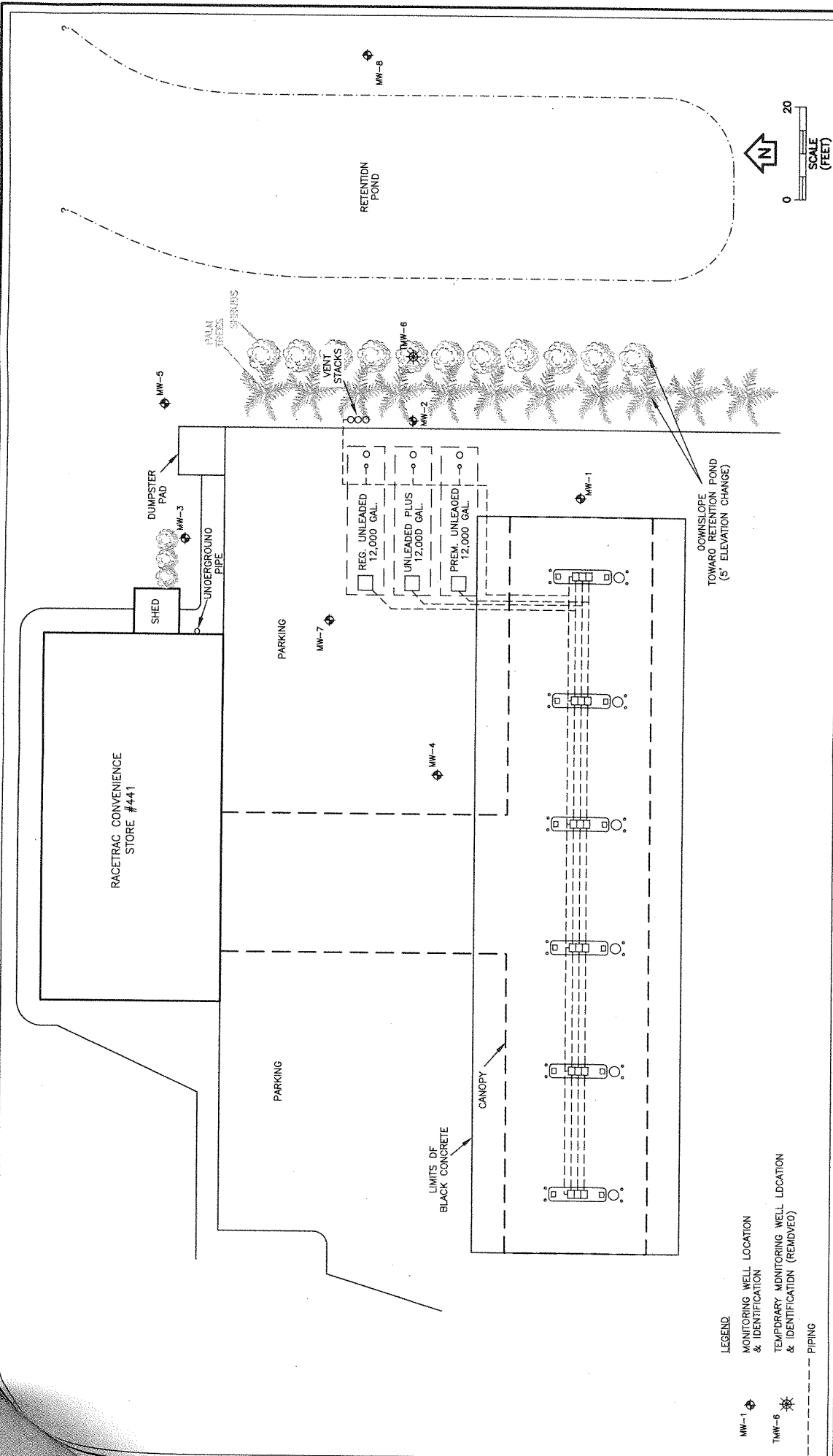


FIGURE 2.
SITE MAP
RACETRAC NO. 441
12025 GANDY BOULEVARD
ST. PETERSBURG, PINELLAS COUNTY, FLORIDA
Source: ECT, 2012.

SITE 15 – FORMER GANDY BRIDGE PARK AND RIDE

WEST GANDY BLVD

Memorandum

Florida Department of Environmental Protection

TO: Mary Yeargan, Southwest District Office
THROUGH: Jim Crane, Technical Review Section *jje*
Bureau of Waste Cleanup
FROM: Ligia Mora-Applegate, Technical Review Section
Bureau of Waste Cleanup
DATE: July 5, 1994
SUBJECT: *Soil Quality Investigation*
Former Gandy Bridge Park and Ride
Hillsborough County, Florida

I reviewed the subject document submitted by FDOT, and also discussed it at length with Jim Crane. Although the Technical Review Section would rather see discrete samples taken during the PCAR and CAR phases, all soil levels in the composite samples were BDL and the grids were small enough that we determined additional sampling is not necessary for this site.

If you have any questions, please contact me at Suncom 278-3935.

cc: Tim Bahr

lm-a

FLORIDA

LAWTON CHILES
GOVERNOR



DEPARTMENT OF TRANSPORTATION

BEN G. WATTS
SECRETARY

PD&E Department, MS 7-500
11201 N. McKinley Drive
Tampa, FL 33612-6403
May 17, 1994

Bureau of Waste Cleanup

MAY 19 1994

Ms. Mary Yeargan
Florida Department of Environmental Protection
3804 Coconut Palm Drive,
Tampa, Florida 33619-8318

Technical Review Section

RE: W.P.I. No: 7113770
State Project No: 10130-3544
F.A.P. No: ACBF-295-1(36)
Soil Quality Investigation
Former Gandy Bridge Park and Ride
Hillsborough County

*Ligia,
We'll wait
for District to
Request Review.
Now FYI. JL*

Dear Ms. Yeargan:

The District Seven Office of the Florida Department of Transportation (FDOT) conducted an investigation for contaminated soils at the former Gandy Blvd. Park-and-Ride site. The investigation was in response to an article in the Tampa Tribune that alleged possibly contaminated fill material had been inadvertently utilized by the FDOT subcontractor at this location. This occurred during the closure of the Park-and-Ride facility that was formerly located in the median on the west side of the Gandy Bridge. According to the article, fill material was obtained from the Island Place Apartment project on Harbor Island and used to top dress the Gandy Blvd. site, prior to sodding. Harbor Island had conducted a clean-up of a former Hillsborough County Mosquito Control Facility located near the Island Place Apartment site. The Hillsborough County Mosquito Control Commission used pesticides such as DDT and Malathion and mixed them with petroleum products (PCB's).

Testing was conducted by FDOT on April 12 and 13, 1994 at the former Park-and Ride-site to determine the presence of DDT (Pesticide Extractables), Malathion (Organophosphorus Pesticides) and Polychlorinated Biphenyl (PCBs). The results of the attached report indicate that the Gandy Blvd. site is clean. Field screening using the OVA-FID found no volatile organic hydrocarbons. Laboratory analytical results also indicated that no volatile organics, polynuclear aromatic hydrocarbons, organophosphorus pesticides, or PCBs are present in the analyzed soil samples.

Ms. Yeargan
Page Two
State Project No: 10130-3544
May 17, 1994

Therefore, the Department plans to proceed with the proposed improvement of Gandy Bridge. The bridge replacement will utilize the former Park-and-Ride site and is scheduled to begin construction in August of 1994.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Nahid Arasteh', written over a horizontal line.

Nahid Arasteh
District Environmental Engineer

NA/CHK

Attachments

cc: Mr. James J. Crane, DEP
Mr. Timothy R. Larson, DEP
Mr. William Kutash, DEP
File

:7113778.LET



OHM Remediation Services Corp.

RECEIVED PD&E

94 MAY -4 PM 12:34

Bureau of Waste Cleanup

MAY 19 1994

Technical Review Section

May 3, 1994

Ms. Nahid Arasteh
Florida Department of
Transportation; District VII
11201 North McKinley Boulevard
MS 7-500
Tampa, FL 33612-6403

RE: Soil Quality Investigation
Gandy Bridge Park and Ride
Pinellas County

Dear Ms. Arasteh:

This letter is provided to document the soil sampling and analysis activities conducted by OHM Remediation Services Corp. (OHM) at the above-referenced location.

On April 12 and 13, 1994, OHM personnel collected 93 soil samples at 6-inch and 1-foot depths to determine the quality of soil reportedly used to fill the former Park and Ride area. Soil samples were recovered with a stainless-steel spoon. The spoon was cleaned before use and between sample locations by washing in a Liquinox/water solution, followed by a distilled-water rinse, an isopropyl alcohol rinse, and a final distilled water rinse.

Soil sample locations were spaced on a horizontal grid of 50 feet (Figure 1). Soil samples were placed in 16-ounce jars, which were half filled with soil and allowed to equilibrate for approximately 10 minutes. The head space analysis was performed using a Foxboro organic vapor analyzer equipped with a flame ionization detector (OVA-FID) in accordance with Rule 17-770.200(2), Florida Administrative Code (FAC).

On April 14, 1994, five groups of the 93 soil samples were composited and analyzed for volatile aromatics, polynuclear aromatic hydrocarbons, organophosphorus pesticides, and PCBs. Analytical results and chain-of-custody documentation is provided as an attachment to this letter.

The results of this investigation indicated that the reported fill area consisted of a mixture of shell, concrete and building debris. An area approximately 30 feet to the west of the Gandy Bridge is the only area with a more-consistent mixture of fill material.

Ms. Nahid Arasteh
FDOT District VII

- 2 -

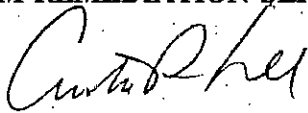
May 3, 1994

Field screening using the OVA-FID found no volatile organic hydrocarbons. Laboratory analytical results also indicated that no volatile organics, polynuclear aromatic hydrocarbons, organophosphorus pesticides, or PCBs are present in the analyzed soil samples.

If you have any questions, please contact me at 904-394-8601.

Sincerely,

OHM REMEDIATION SERVICES CORP.



Curtis R. Lee, P.G.
Contract Manager

pc: Ms. Cindy Kondelin; FDOT
OHM Project File No. 15999



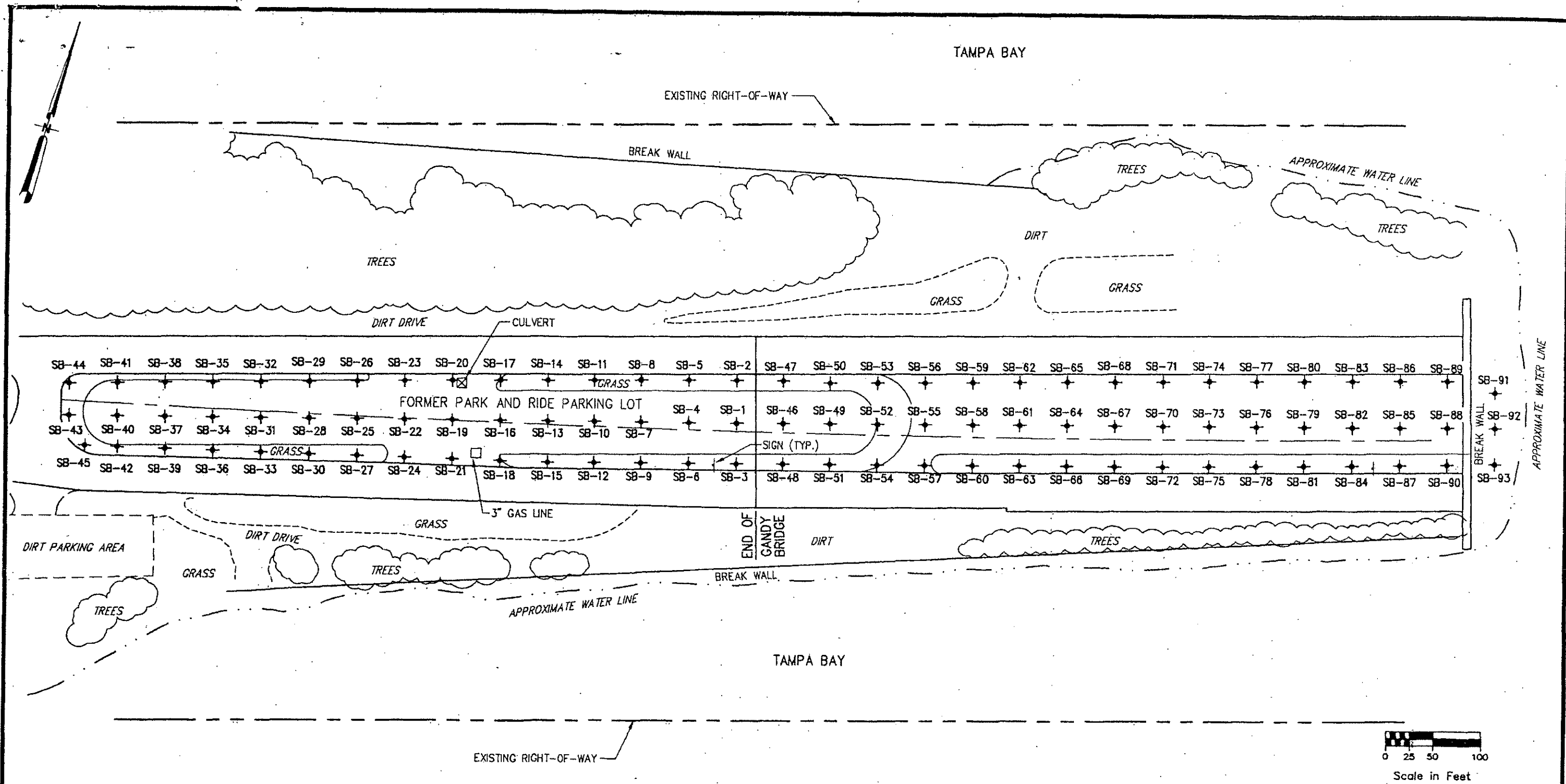
OHM Corporation


CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

129572

O.H. MATERIALS CORP.		P.O. BOX 551	FINDLAY, OH 45839-0551	419-423-3526				
PROJECT NAME FDOT - Pinellas County Gandy Bridge Park & Ride Site		PROJECT LOCATION Gandy Bridge Park & Ride Site		ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)				
PROJ. NO. 15999	PROJECT CONTACT Curt Lee	PROJECT TELEPHONE NO. 904 394 8601						
CLIENT'S REPRESENTATIVE Curt Lee		PROJECT MANAGER/SUPERVISOR Curt Lee						
PROJECT MANAGER/SUPERVISOR Curt Lee		PROJECT TELEPHONE NO. 904 394 8601						
ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	REMARKS
1	Comp #1	4/14/94	0920	X		Soil Composite	1	X X X X
2	Comp #2	4/14/94	0920	X		Soil Composite	1	X X X X
3	Comp #3	4/14/94	0940	X		Soil Composite	1	X X X X
4	Comp #4	4/14/94	0955	X		Soil Composite	1	X X X X
5	Comp #5	4/14/94	1010	X		Soil Composite	1	X X X X
6								
7								
8								
9								
10								
TRANSFERS RELINQUISHED BY		TRANSFERS ACCEPTED BY		DATE		TIME		REMARKS
1	1-5	Karen Reed		Buck Pagan		4/14/94		4:00
2								
3								
4								
SAMPLER'S SIGNATURE								Karen Reed



PROJ. NO.: 15999	SITE PLAN WITH SOIL BORING LOCATIONS PRELIMINARY ASSESSMENT OF HYDROCARBON CONTAMINATION GANDY BRIDGE PARK AND RIDE Figure 1
DATE: 5/3/94	
SCALE: 1" = 100'	
 OHM Remediation Services Corp.	

SITE 17 – FORMER COASTAL MART

5002 WEST GANDY BLVD



February 3, 2015

Mr. Carl J. Heintz, P.G.
Hillsborough County Environmental Protection Commission
Roger P. Stewart Center
3629 Queen Palm Drive
Tampa, FL 33619

**RE: Natural Attenuation Monitoring Report &
 Response to HCEPC Comments from January 28, 2015
 Former Coastal Mart #603
 5002 West Gandy Boulevard, Tampa, Florida
 FDEP Facility ID # 29/8625224**

Dear Mr. Heintz:

This report serves as a summary of recent Natural Attenuation (NA) groundwater monitoring performed at the subject site. The groundwater sampling event was performed on January 23, 2015. This report includes a summary of groundwater analytical data, a determination of groundwater flow direction, as well as conclusions and recommendations for further action, as appropriate.

In addition, Apex responds to two comments from the Hillsborough County Environmental Protection Commission (HCEPC) site manager dated January 28, 2015. The comments from HCEPC were developed based upon Apex's Supplemental Site Assessment Report (SSAR) Addendum No. 2 dated January 19, 2015.

RESPONSE TO HCEPC COMMENTS from JANUARY 28, 2015

Apex' response to each comment is offered below directly beneath each HCEPC comment.

HCEPC Comment #1: "With regard to Response 1 of Apex Companies, LLC's January 19, 2015 SSAR Addendum No. 2, please provide the contracted laboratory's report for the pH analyses of the groundwater samples from monitoring wells MW-1R, MW-5R, and MW-6 that were reportedly taken after the October 6, 2014 groundwater sampling event, as is specifically requested in the first bullet item of EPC staff's December 2, 2014 letter to Joy Food Stores, Inc."

Apex Response: The requested information was provided in the laboratory data package submitted as Appendix A of the Apex SSAR dated October 31, 2014. Specifically, pH analysis results for wells MW-1R, MW-5R, and MW-6 were provided in pages 2, 3, and 4 of SunLabs, Inc. Lab Report #4100706. In addition, SunLabs included results from QA duplicate sample analysis on page 6 of the referenced lab report. On January 28, 2015, Apex contacted the HCEPC case manager by telephone to confirm they were aware of these data and emailed a copy of the SunLabs lab report to the HCEPC during the call. By the end of the conversation, Apex was left with the impression that this comment had been adequately addressed to HCEPC satisfaction and no further explanation was necessary on this point.

HCEPC Comment #2: *"In Response 3 of Apex Companies, LLC's January 19, 2015 SSAR Addendum No. 2, the geologist of record states, "Apex will provide one week prior notification to the HCEPC once a sample date has been established for the next groundwater sampling event." Please do so in accordance with Rule 62-780.220(1), FAC, and Table A of Chapter 62-780, FAC."*

Apex Response: Apex emailed the Notice of Upcoming Field Activities to the HCEPC case manager on January 16, 2015 at 3:24 PM. Receipt of this notification was acknowledged by the HCEPC during Apex' telephone call to HCEPC case manager on January 28, 2015. No further explanation is considered necessary on this point as HCEPC's receipt of the notification was confirmed during the call.

GROUNDWATER SAMPLING RESULTS

On January 23, 2015, Apex Companies, LLC (Apex) collected groundwater samples from wells MW-1R, MW-5R, and MW-6 in accordance with the approved NAM Order from July 27, 1994. Prior to sample collection, each well was purged in accordance with the FDEP's Standard Operating Procedures. All field instruments were calibrated prior to and after use. No field instrument related problems were encountered during the event. Samples were then collected, placed on ice, and delivered to Pace Analytical Services, Inc. (Pace). The sample from each well was analyzed for Benzene, Toluene, Ethyl Benzene, Xylenes (BTEX), and Methyl Tert-Butyl Ether (MTBE) according to EPA Method 8260 MSV.

No tested compounds were detected at or above corresponding lab method detection limits or GCTLs in groundwater samples collected at wells MW-1R, MW-5R, or MW-6. Groundwater analytical results are summarized in **Table 1**. Groundwater sampling results are presented on **Figure 1**. Copies of the laboratory report, well sampling logs, and chain-of-custody documents are provided in **Appendix A**.

GROUNDWATER FLOW DIRECTION

On January 23, 2015, depth to groundwater levels were measured in sampled wells as well as monitoring wells MW-3 and MW-9 using an electronic water level indicator. Depth to water ranged from approximately 5.0 to 5.25 feet below land surface (BLS) which is approximately 2.2 feet lower than the October 2014 sampling event. The groundwater flow direction across the site was generally toward the southwest on January 23, 2015. A groundwater elevation contour map is included as **Figure 2**. The depth to water measurements are presented in **Table 2**.

CONCLUSIONS & RECOMMENDATIONS

A review of groundwater analytical data from the January 23, 2015 sampling event indicates dissolved petroleum constituents are not present in excess of lab method detection limits or corresponding GCTLs in wells MW-1R, MW-5R, and MW-6. These three wells were sampled as part of the approved NAM Order from July 27, 1994.

The January 23rd groundwater sampling event is the second consecutive quarterly monitoring event where groundwater test results confirm petroleum related constituents are not present at levels exceeding corresponding GCTLs. Given this, Apex recommends that a Site Rehabilitation Completion Order (SRCO) without conditions be issued for the former Coastal Mart #603 property effectively closing this environmental case.

If you have any questions concerning the information presented in this report, please contact the undersigned at (813) 248-8558.

Sincerely,

APEX COMPANIES, LLC

A handwritten signature in blue ink, appearing to read "Andrew Long".

Andrew Long
Project Manager

Cc: Dave D'Ambrosio
Carter McCain, Esq.

CERTIFICATION:

Qualified Registered Professional Engineer or Registered Professional Geologist Certification.

I hereby certify that I have performed and/or supervised the field work and preparation of this report, in accordance with Florida Rules and Regulations. As a registered professional geologist and/or professional engineer, as authorized by Chapters 492 or 471, Florida Statutes, I certify that I am a qualified groundwater professional, with knowledge and experience in groundwater contamination assessment and cleanup. To the best of my knowledge, the information and laboratory data summarized in the "*Natural Attenuation Monitoring Report & Response to HCEPC Comments from January 28, 2015*" (including the applicable attachments) are true, accurate, complete, and in accordance with applicable State Rules and Regulations.

Consultant Name: Andrew B. Long, P.G.

Signature: _____

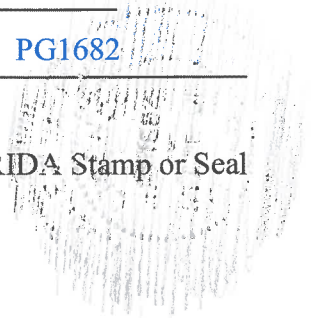


PE or PG License #: _____

PG1682

Date: 2/3/2015

FLORIDA Stamp or Seal





FIGURES



BRIDGE STREET

LEGEND

- SHALLOW MONITORING WELL
- ⊙ DEEP MONITORING WELL
- ⊗ DESTROYED MONITORING WELL

GROUNDWATER CONTAMINANT
CONCENTRATIONS IN µg/L

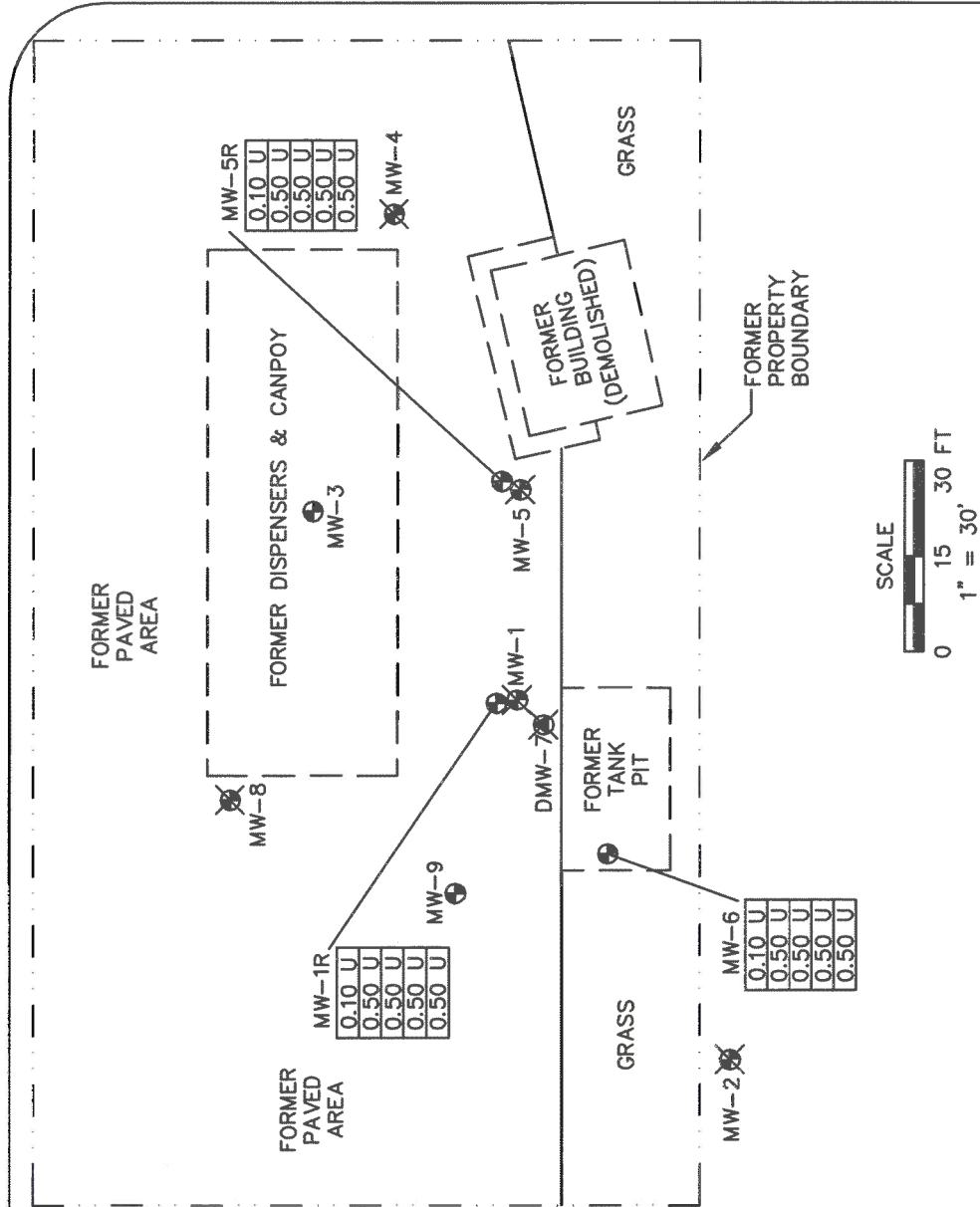
0.10 U	BENZENE
0.50 U	TOLUENE
0.50 U	ETHYLBENZENE
0.50 U	XYLENES
0.50 U	MTBE

U = NOT DETECTED, MDL SHOWN
I = VALUE BETWEEN MDL & PQL
NOTE: ENTIRE PROPERTY IS
CURRENTLY VACANT.

GROUNDWATER
IMPACTS MAP
1/23/2014

FIGURE 1

GANDY BOULEVARD



FORMER COASTAL MART # 603
5002 GANDY BOULEVARD
TAMPA, FLORIDA
FDEP FACILITY ID# 298625224

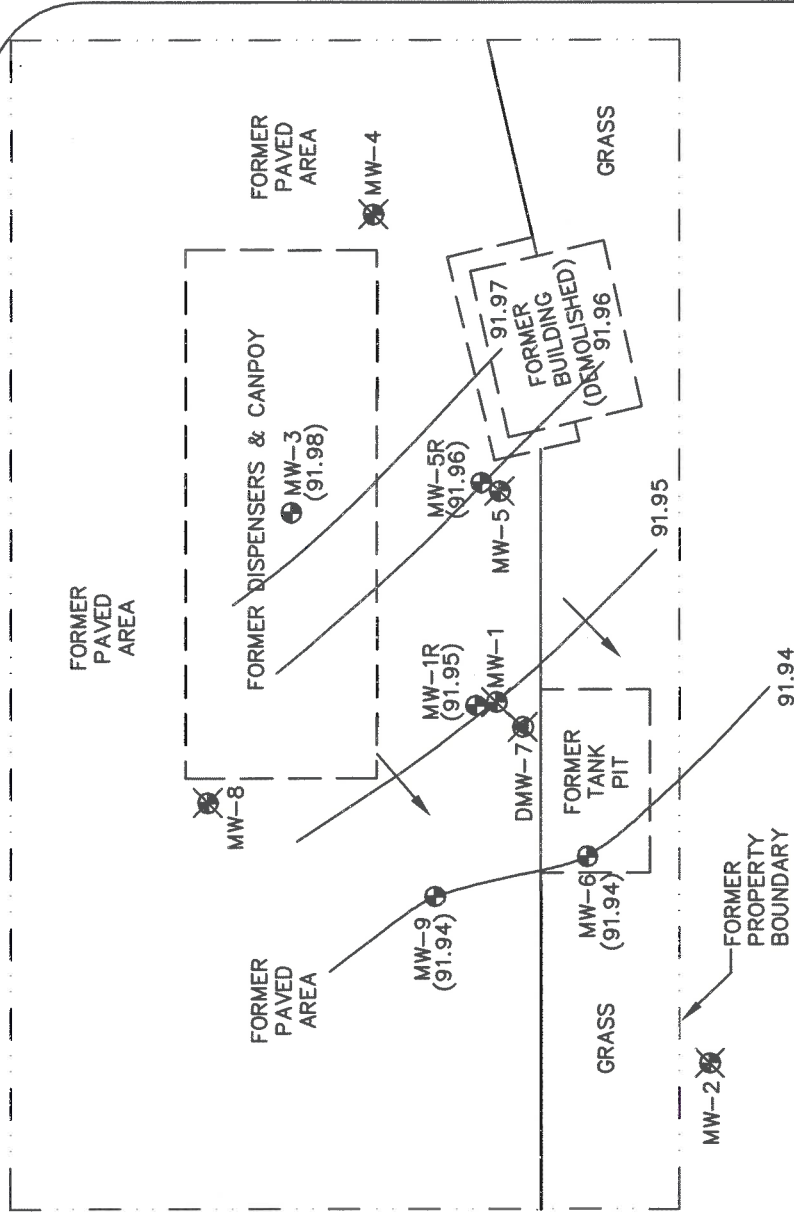
10220 HARNEY ROAD
THONOTOSASSA, FLORIDA 33592
813-248-8558





GANDY BOULEVARD

BRIDGE STREET



LEGEND

- SHALLOW MONITORING WELL
- ⊙ DEEP MONITORING WELL
- ⊗ DESTROYED MONITORING WELL
- (91.96) GROUNDWATER ELEVATION
- ↗ GROUNDWATER FLOW DIRECTION

NOTE: ENTIRE PROPERTY IS CURRENTLY VACANT.

FORMER COASTAL MART # 603
5002 GANDY BOULEVARD
TAMPA, FLORIDA
FDEP FACILITY ID# 298625224

10220 HARNEY ROAD
THONOTOSASSA, FLORIDA 33592
813-248-8558



GROUNDWATER
FLOW MAP
1/23/15

FIGURE 2

SITE 18 – FORMER IMPERIAL YACHT BASIN MARINA

5000 W GANDY BLVD



REC'D
JAN 26 2006
ENV. PROT. COMM.
OF FLA.

**CLOSURE ASSESSMENT FINAL REPORT
OF TWO UNDERGROUND
STORAGE TANKS
FORMER IMPERIAL YACHT
FDEP FACILITY ID No.: 8625418
5000 WEST GANDY BOULEVARD
TAMPA, FLORIDA 33611**

PREPARED FOR:

**KIMMINS CONTRACTING CORP.
1501 2nd Avenue
Tampa, Florida 33605**

AND

**NEW PORT HOLDINGS, LLC.
601 Bayshore Boulevard, Suite 960
Tampa, Florida 33606**

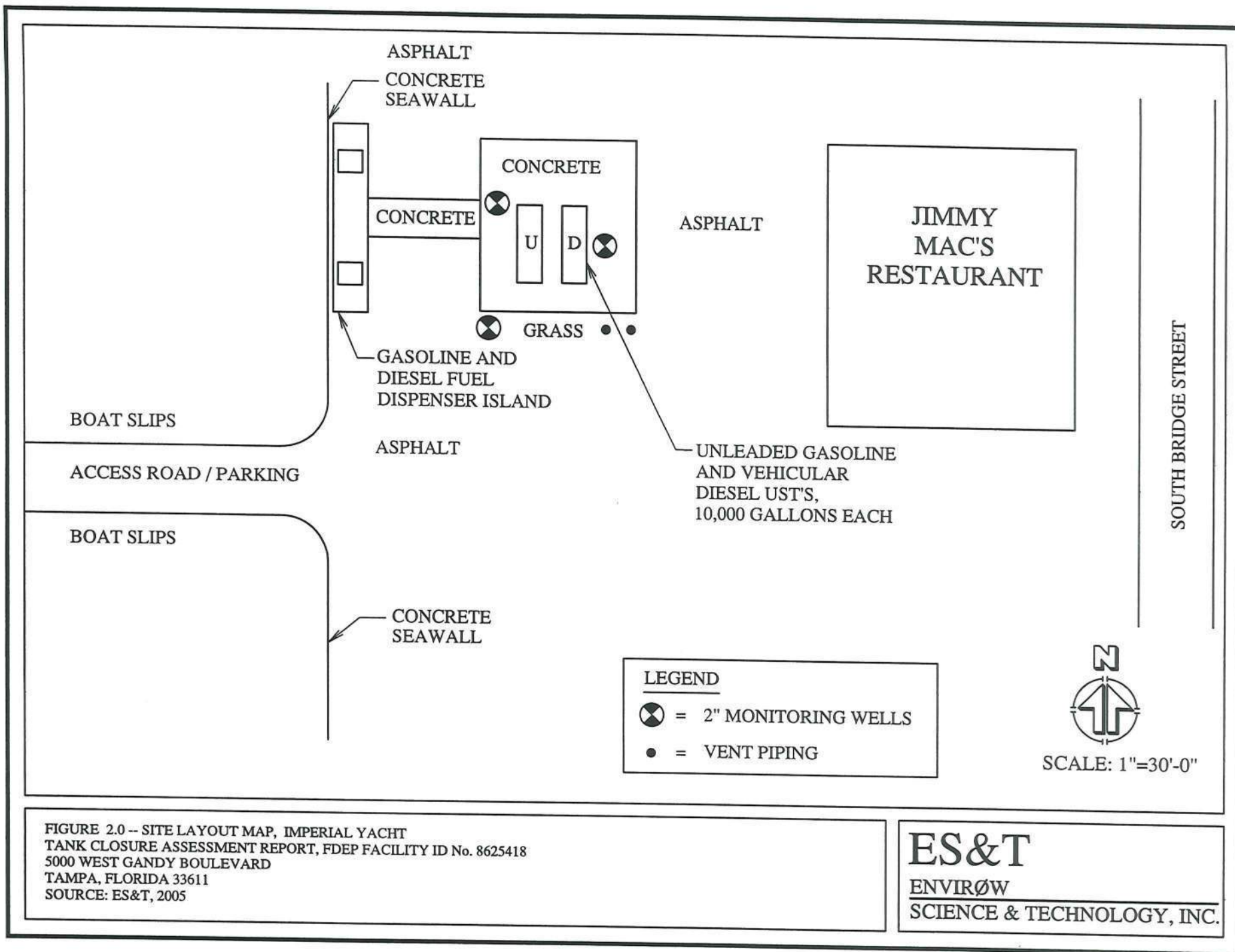
PREPARED BY:

ES&T

EnviroW Science & Technology, Inc.

**4305 Seagull Drive
New Port Richey, Florida 34652
(727) 844-5399**

ES&T NO. 651000



SITE 19 – DANMARK RECLAMATION CORP

4808 WEST PAUL AVENUE

Ref # 1



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET NE
ATLANTA GEORGIA 30365

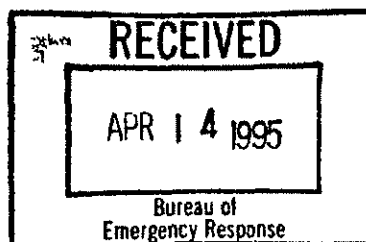
Bureau of Waste Cleanup

APR 13 1995

Hazardous Waste
Cleanup Section

Date: APR 07 1995

Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

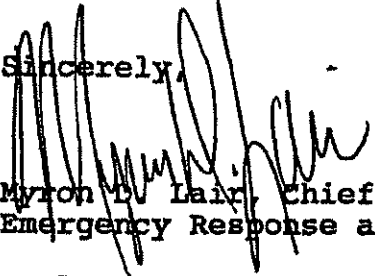


Dear Mr. Lee,

We are pleased to provide a copy of the Action Memorandum requesting authorization to proceed with a removal action at the Danmark Site, Tampa, Hillsborough County, Florida. If you have any questions or comments concerning this document, please contact the On-Scene Coordinator at the following address:

Matthew W. Taylor, OSC
U.S. Environmental Protection Agency
Waste Management Division
Emergency Response and Removal Branch
345 Courtland St., NE
Atlanta, Georgia 30365
(404) 847-3931 x6120

Sincerely,

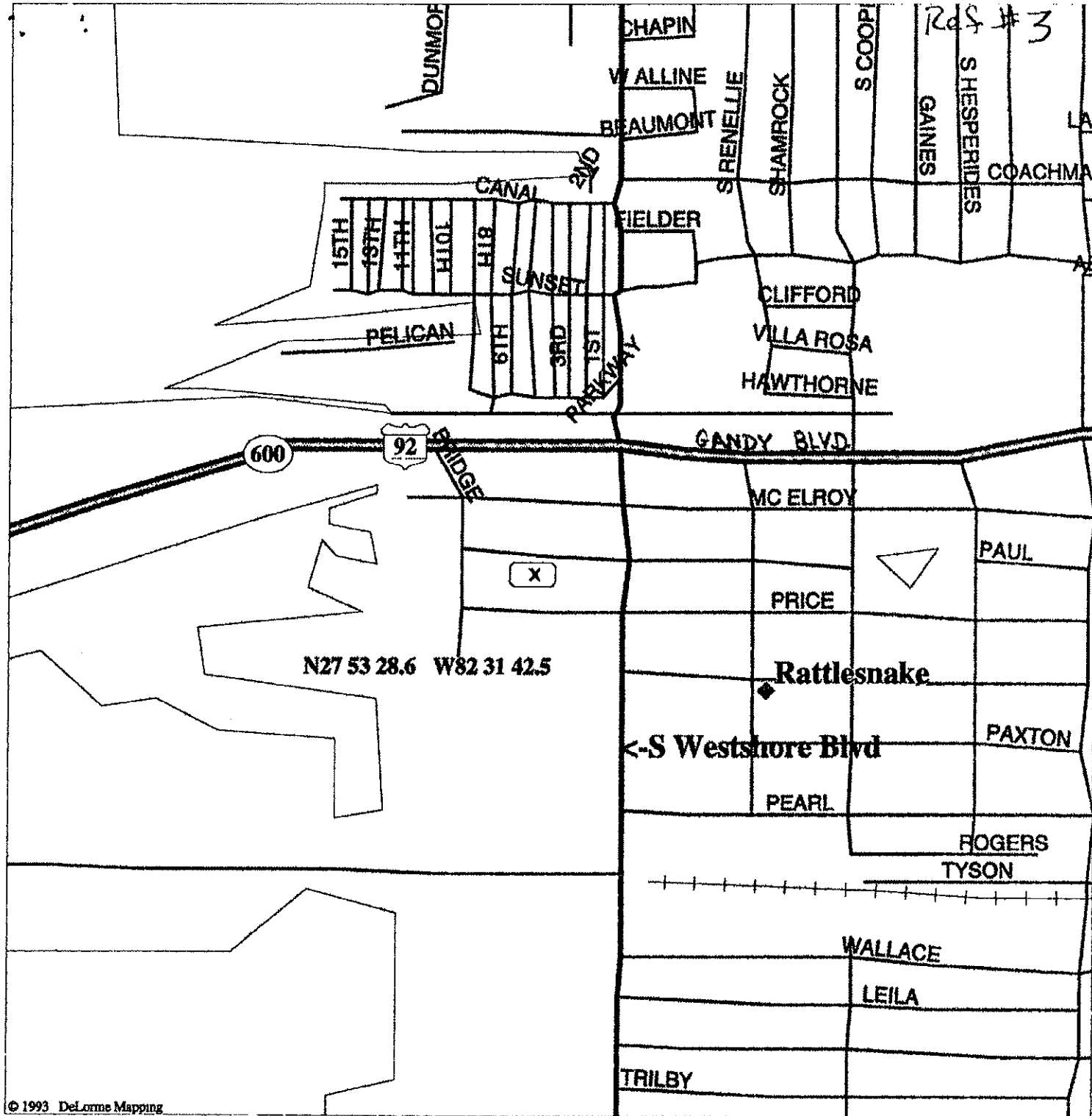

Myron D. Lair, Chief
Emergency Response and Removal Branch

Enclosure

RECEIVED

APR 15

UIC, Ground Water
Technical Support



LEGEND

- State Route
- Town, Small City
- US Highway
- Population Center
- Street, Road
- Major Street/Road
- US Highway
- Railroad
- River

Open Water

Scale 1:9,375 (at center)

1000 Feet

200 Meters

Mag 15.00

Mon Feb 19 14:25:11 1996

DANMARK SITE

HILLSBOROUGH CO.

TAMPA, FLORIDA

FLD # 001093103

4808 WEST PAUL AVE.

DATE: 2/95?

FENCE





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA GEORGIA 30365

APR 7 1995

ACTION MEMORANDUM

SUBJECT: Request for a Removal Action at the Danmark site
Tampa, Hillsborough County, Florida

FROM: Matthew W. Taylor, On-Scene Coordinator
Emergency Response and Removal Branch

TO: Richard D. Green, Associate Director
Office of Superfund and Emergency Response

SITE ID#: 6S

I. PURPOSE

The purpose of this Action Memorandum is to request and document approval of the proposed removal action described herein for the Danmark site, located approximately ten miles southwest of downtown Tampa in Hillsborough County, Florida. The Danmark site was recently referred to the Emergency Response and Removal Branch (ERRB) by the Florida Department of Environmental Protection (FLDEP). The total project ceiling is \$1,514,400 of which \$1,422,000 is for extramural costs. The site poses a threat to public health and the environment that meets the NCP Section 300.415(b)(2) criteria for removal actions.

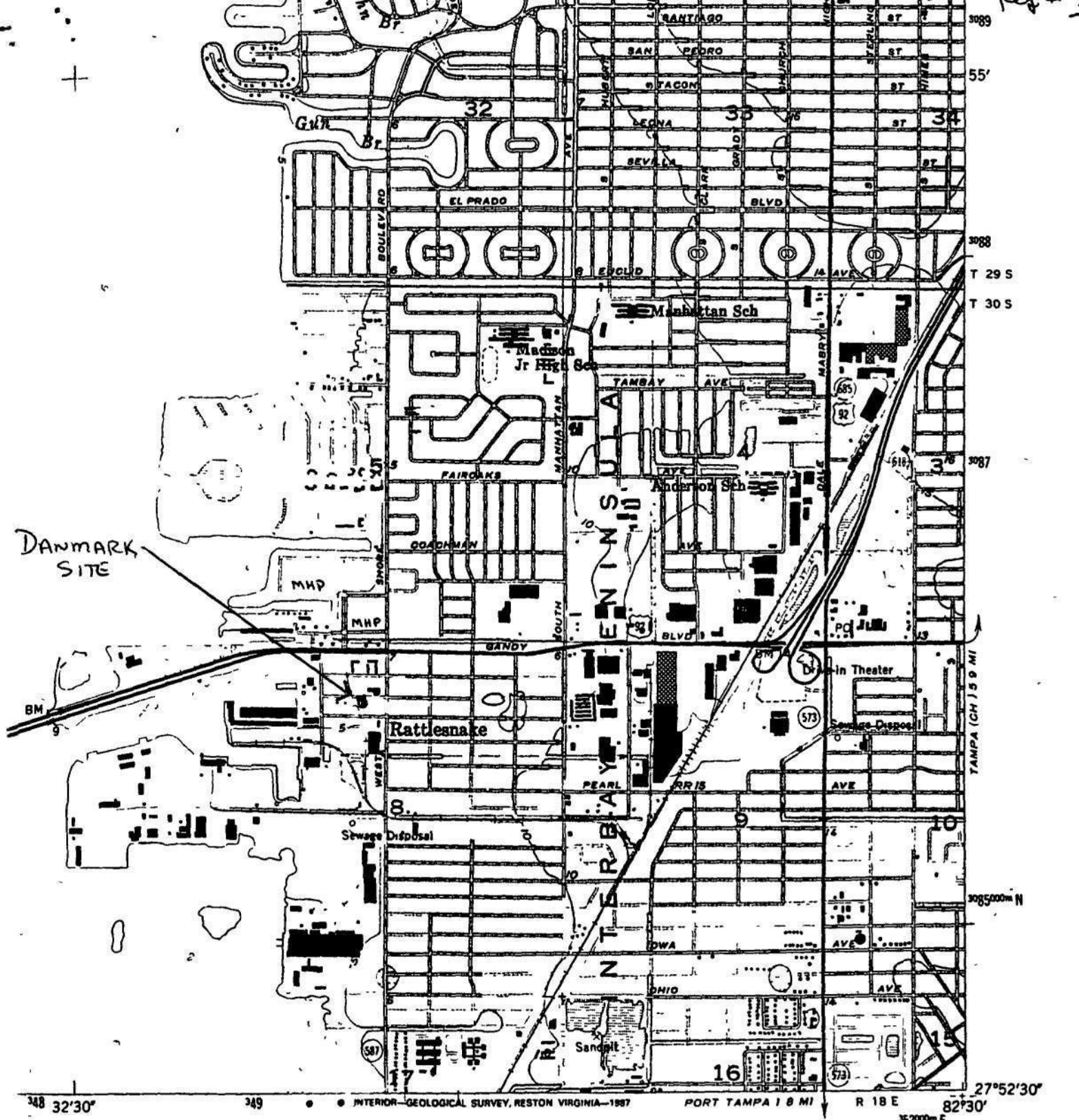
II. SITE CONDITIONS AND BACKGROUND

The proposed removal action at the Danmark site is a time critical removal. The 12-digit CERCLIS ID number assigned to the Danmark site is FL0001093103.

A. Site Description

1. Removal Site Evaluation

The Danmark site is a former used oil hauler, collection facility and recycling facility. Danmark collected waste from numerous sources in Florida. Danmark went out of business in early 1993 and abandoned all of the waste on the property. The major types of waste abandoned at the site are waste oil, chlorinated solvents and related waste water.



DANMARK SITE

BM

RattleSnake

Swage Disposal

PEARL

OHIO

Sandpelt

16

PORT TAMPA 1.8 MI

82°30'

27°52'30"

348 32'30"

349

INTERIOR GEOLOGICAL SURVEY, RESTON VIRGINIA-1987

ROAD CLASSIFICATION

- Heavy-duty ——— Light-duty - - - - -
- Medium duty ——— Unimproved dirt - - - - -
- U S Route (shield symbol) State Route (circle symbol)
- Interstate Route (circle with 'I' symbol)



QUADRANGLE LOCATION

DANMARK SITE
4808 PAUL AVE
TAMPA, FL

N27°53'28.6" W82°31'42.5"

FLD#001093103

HILLSBOROUGH COUNTY

GANDY BRIDGE, FLA.
27082-H5-TF-024

1956
PHOTOREVISED 1987
DMA 44'

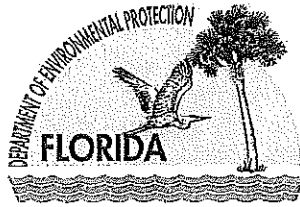
(GIBSONTON)
4539 IV SW

SITE 20 – SHELL/CIRCLE K

4801 W GANDY BLVD

SITE 20 – JET STAR SPILL

4801 W GANDY BLVD



FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

BOB MARTINEZ CENTER
2600 BLAIRSTONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

May 13, 2013

CERTIFIED MAIL #7012 2210 0001 4288 3366
RETURN RECEIPT REQUESTED

Mr. Jim Stieben
Circle K Stores, Inc.
12911 N. Telecom Pkwy
Tampa, FL 33637

Subject: Low-scored Site Initiative (LSSI) No Further Action Order & Notice of Remaining Contamination
Circle K #2708811
4801 West Gandy Blvd.
Tampa, Hillsborough County
FDEP Facility ID# 29/8735366
Discharge Date: 5/14/1991 (PLRIP), 8/28/1996 (PLRIP)
Priority Score: 10 (LSSI)

Dear Mr. Stieben:

The Bureau of Petroleum Storage Systems (BPSS) has reviewed the LSSI Site Assessment Report (SAR) and Supplemental Site Assessment Reports (SSARs) and LSSI No Further Action Proposal (NFAP) dated October 31, 2011 through February 19, 2013 (received November 1, 2011 through February 20, 2013) and the Monitor Well Abandonment Report dated May 9, 2013, prepared and submitted by Cardno ATC for the petroleum product discharges referenced above. All the documents submitted to date are adequate to meet the following requirements of Section 376.3071(11), Florida Statutes (F.S.):

- (A) The site retains a priority ranking score of 10 points or less.
- (B) No excessively contaminated soil, as defined by Florida Department of Environmental Protection (Department) rule, exists on the source property as a result of the referenced release(s) of petroleum products.
- (C) A minimum of six months of groundwater monitoring has indicated that the plume is shrinking or stable.

- (D) The release of petroleum products at this property does not adversely affect adjacent surface waters, including their effects on human health and the environment.
- (E) The area of groundwater containing the petroleum products' contaminants of concern is less than one-quarter acre and is confined to the source property boundaries of the real property on which the discharges originated.
- (F) Soils on the source property that are subject to human exposure, found between land surface and two feet below land surface, meet the soil cleanup target levels established by Department rule, or human exposure is limited by appropriate institutional or engineering controls.

Minimal contamination exists that is associated with the discharge(s) referenced above and such contamination is not a threat to human health or the environment.

Please refer to the attached maps of the source property and analytical summary tables. The SAR (and SSARs) and NFAP are hereby incorporated by reference in this LSSI No Further Action Order (Order). Therefore, you are released from any further obligation to conduct site rehabilitation at the facility for petroleum product contamination associated with the discharges referenced above, except as set forth below.

- (1) In the event the conditions outlined above are no longer being met for the discharges referenced in this Order's Subject line, the Department may require site rehabilitation to achieve either the above conditions or to reduce concentrations of petroleum products' contaminants of concern to levels allowed by the Department's contamination clean up rule, Chapter 62-770, Florida Administrative Code (F.A.C.), or successor rule. If a subsequent discharge of petroleum or petroleum product occurs at the facility site rehabilitation will be required to reduce concentrations of petroleum products' contaminants of concern to levels allowed by the Department's contamination clean up rule, Chapter 62-770, F.A.C., or successor rule.
- (2) Contamination remains on the above property in the groundwater and the groundwater must not be used for drinking water or for irrigation purposes.
- (3) For your information, there are State laws that may require that you notify purchasers of the property or tenants and leasees of the property that the property listed above still has petroleum contamination in the groundwater in excess of the Department's cleanup target levels. Additionally, information about the above facility will be maintained on the Department's Contamination Locator Map website at:
<http://webapps.dep.state.fl.us/DepCleanup/welcome.do;jsessionid=QMRBTxShjcv2ZhkfTG3D4t2mdxFq3MP8QxTPyQHNYHMTYKhg5Gy311787172975>
and on the Institutional Controls Registry website at:
<http://ca.dep.state.fl.us/mapdirect/?focus=icr>.

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

13 FEB 20 PM 1:39

BUREAU OF PETROLEUM
STORAGE SYSTEMS
TEAM 5



Cardno
ATC

Shaping the Future

February 19, 2013

Ms. Michelle Allard, P.G.
Environmental Manager
Petroleum Cleanup Section 5
2600 Blair Stone Road, MS 4540
Tallahassee, FL 32399-2400

Cardno ATC

5602 Thompson Center Ct.
Suite 405
Tampa, FL 33634

Phone +1 813 889 8960
Fax +1 813 889 8754
www.cardno.com

www.cardnoatc.com

Subject: **Groundwater Monitoring Report**
Circle K Store 8811
4801 W. Gandy Blvd
Tampa, Florida
FDEP Facility ID Number: 29- 8735366
ATC Project Number: 01.11260.0720

Dear Ms. Allard:

Cardno ATC (formerly ATC Associates Inc.), on behalf of the Phillips 66 Company (formerly ConocoPhillips), performed groundwater monitoring activities at the Circle K 8811 Store listed above. The follow-up groundwater sampling event was performed in response to the Low Score Site Initiative (LSSI) Deliverable Review dated September 19, 2012 (**Appendix A**). Additional monitoring of wells MW-6, MW-7, and MW-12 in order to confirm the groundwater contamination is stable or shrinking was performed. A site plan showing pertinent site features is illustrated in **Figure 1**.

Site History:

The site is located at 4801 West Gandy Blvd, in Tampa, Hillsborough County, Florida. The site currently operates as an active Circle K Brand convenience store and gasoline retail facility. The site has two 9,816-gallon underground storage tanks (USTs) that were installed in April of 1988 and remain in service.

In 2011 the site entered into the LSSI program. Assessment and monitoring activities were completed under funding within the preapproval program; however, additional delineation for dissolved impacts was required. Due to the funding cap in the LSSI program, Phillips 66 Company commissioned Cardno ATC, on a voluntary basis, to complete site assessment at the site. Preferred Drilling Solutions (PDS), under



Shaping the Future

supervision of Cardno ATC, installed monitoring well MW-12 to a depth of twelve feet below land surface (bls) on February 14, 2012.

On February 23, 2012, groundwater samples were collected from MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, and MW-12 and analyzed for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270. Groundwater samples collected on February 23, 2012, were all below the applicable Chapter 62-777 Groundwater Cleanup Target Levels (GCTLs) except in MW-6 (2-methyl naphthalene at 36 µg/L).

Current Site Activities:

On January 8, 2013, Cardno ATC mobilized to the site to perform groundwater sampling activities. Groundwater samples were collected from MW-6, MW-7, and MW-12. The samples were analyzed for PAHs by EPA Method 8270.

Groundwater sample collection and decontamination procedures were performed in accordance with the most recent FDEP groundwater sampling Standard Operation Procedures (SOP) and related guidance documents. The equipment calibration log, groundwater sampling logs, and the laboratory analytical report are provided in **Appendix B**.

The depth to groundwater ranged between 5.24 feet bls and 6.15 feet bls on January 8, 2013. Depth to water measurements and the calculated groundwater table elevations based on the assumed datum are summarized in **Table 1** and illustrated on **Figure 2**. The groundwater quality results are summarized on **Tables 2 and 2A** and illustrated on **Figure 3**.

Results and Recommendations:

No excessively contaminated soil, as defined by F.A.C. Chapter 62-770 (OVA/PID reading greater than 50 ppm) was encountered above the water table on site. The soil analytical results showed concentrations below the Chapter 62-777 F.A.C. Soil Cleanup Target Levels (SCTLs).

Surficial groundwater flow during the January 8, 2013 sampling event was variable with flow towards the northwest and east.

Free product was not detected in MW-6, MW-7, or MW-12 during the January 8, 2013 sampling event.

Groundwater samples collected on January 8, 2013, had laboratory results that indicated petroleum constituents were below the applicable Chapter 62-777 GCTLs in MW-7 and MW-12. Dissolved concentrations of 2-methyl naphthalene did exceed the GCTLs in MW-6.

Groundwater samples collected on January 8, 2013, had laboratory results that showed the contamination was stable in wells MW-7 and MW-12, when compared to the October 5, 2012 results.



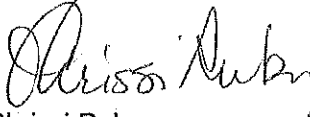
The Groundwater sample collected on January 8, 2013 from well MW-6 showed a decrease in the concentration of naphthalene, 1-methyl naphthalene, and 2-methyl naphthalene.

The dissolved plume at MW-6 is delineated. The concentration of naphthalene, 1-methyl naphthalene, and 2-methyl naphthalene has decreased and remains confined to the site boundaries.

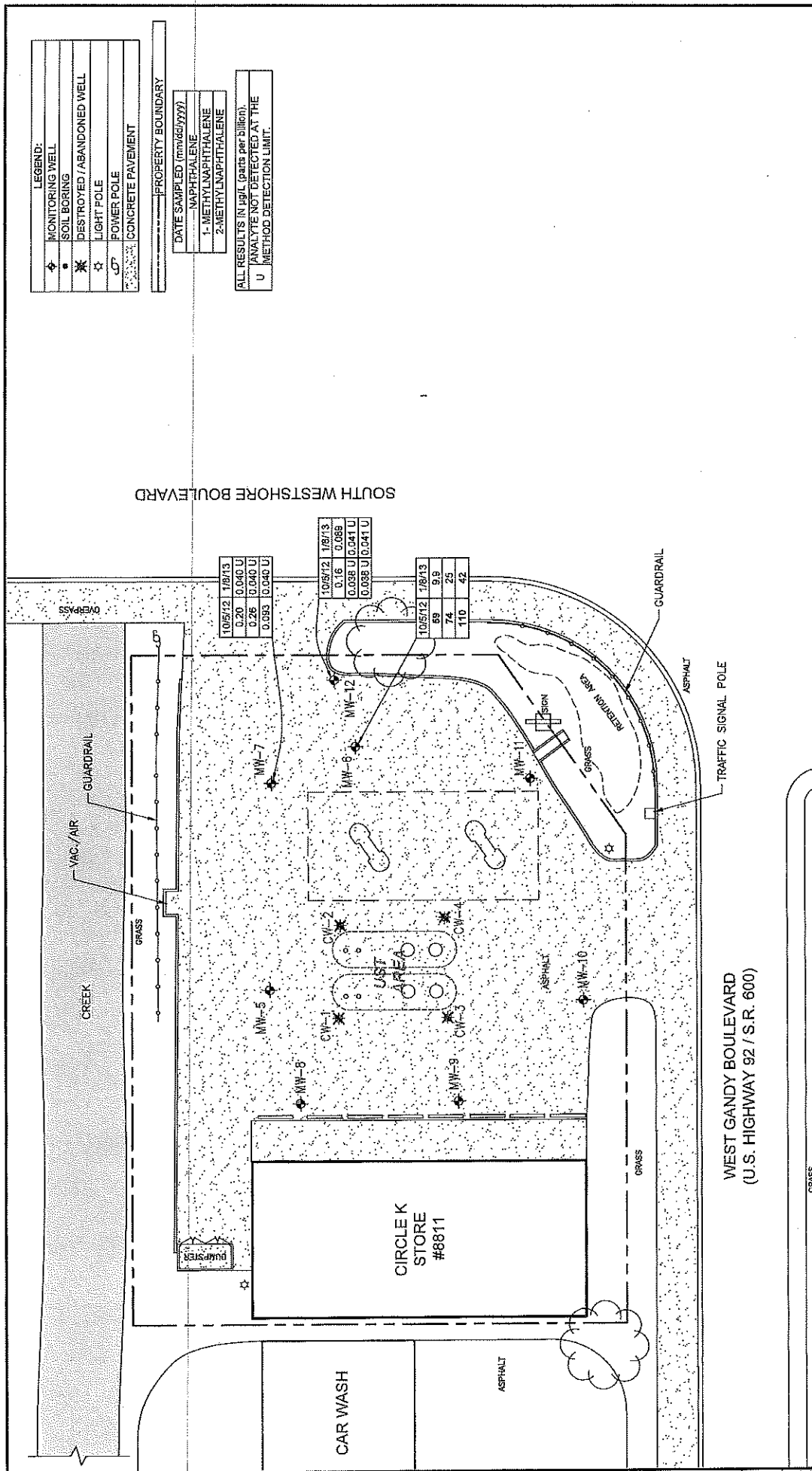
Cardno ATC, on behalf of Phillips 66, recommends No Further Action, under the guidance of the LSSI program.

If you have any questions, or require additional information, please feel free to contact the undersigned.

Respectfully submitted,
Cardno ATC


Chrissi Ruby
Senior Project Scientist


Kurt Gildemeister, PG
Senior Project Manager



Cardno
ATC

305 Thompson Center Court
Tampa, Florida 33604
(813) 446-1100
(813) 446-1254 FAX

Cardno is a registered service mark of Cardno, Inc.

PROJECT NO:
-001.11260.0720

SCALE IN FEET
0 20 40

DATE
12/5/2013

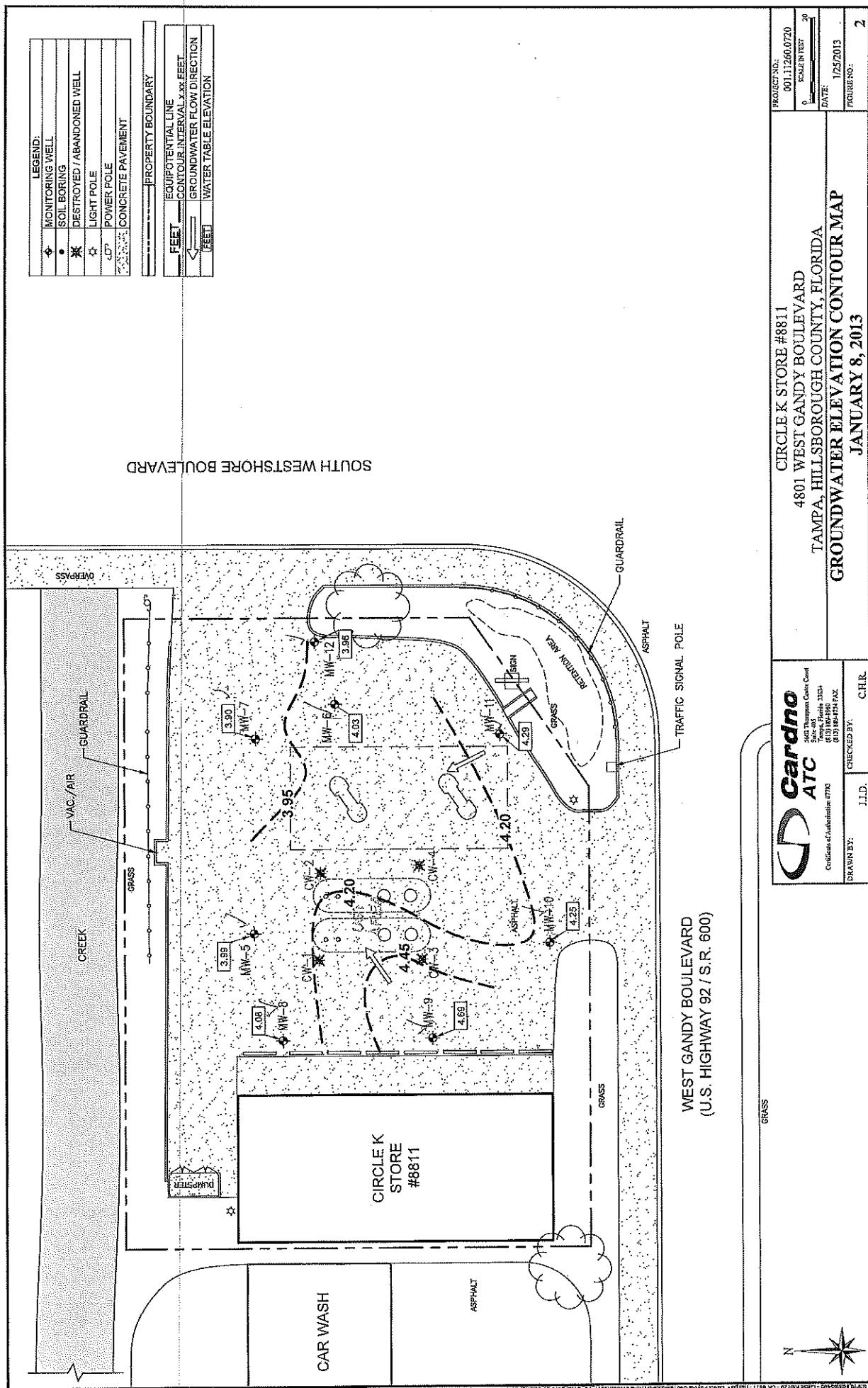
FIGURE NO:
3

CIRCLE K STORE #8811
4801 WEST GANDY BOULEVARD
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

GROUNDWATER ANALYTICAL SUMMARY MAP

DRAWN BY:
J.J.D.

CHECKED BY:
C.H.R.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Emergency Response Incident Report

Incident #: 2022-41-68767	County: Hillsborough	Latitude: 27.89352 (verified) Longitude: -82.52683 (verified)	Incident Date: 02/01/2022 Incident Time: 12:19 PM US/EASTERN
OER Employee Receiving Report: Wavelet, Trevor		OER Responses: Follow-up, On-scene, Phone	Reported Date: 02/01/2022 Reported Time: 12:27 PM US/EASTERN
Incident Reported By: Via SWO, Via NRC			
Location of Incident: Westshore blvd & Gandy blvd		Nearest City/Town: Tampa	
Threat to U.S Navigable Waters?No Describe Threat:		Confirmed/Potential:	
Descriptions: Fuel Leak/Overflow Vehicle Accident	Modes: Coastal Highway	Media Affected: Impervious Surface Storm Drain/Sewer Surface Waters	Actions: Investigation Disposal Booms/Dikes Contractor Hired RP Identified Vacuum Truck Used Soil Removed
Incident Contractors:			
Contractor Hired Responsible Party Name: Cliff Berry Address: PO Box 13079 FORT LAUDERDALE FL 33316 US Phones: Business : 800-899-7745 Extn: DEP Contract#:			
Incident Parties:			
Company Name: Jet Star, Inc. Address: 10825 Andrade Drive ZIONSVILLE IN 46077 US Phones: Contact Person:		Party Type: Responsible Party, Insurance Company: Policy#:	
Pollutants:			
Pollutant Name	Category	Potential Amount	Actual Amount
Jet fuel, n.o.s.	Petroleum	8000.00	8000.00
		Unit Of Measure	Determined By
		gallon	Responsible Party Statements

Coastal Category:		(Landward COLREG Line)	(Seaward COLREG Line)
No	Minor	< 1000 gallons	< 10,000 gallons
No	Moderate	1000 to 10,000 gallons	10,000 to 100,000 gallons
No	Major	> 10,000 gallons	> 100,000 gallons

Agencies Responded: Office of Emergency Response Agencies Notified: Office of Emergency Response

FOSC Notified: Yes Name of FOSC Notified: Sector St. Pete.	Date: 02/01/2022 Time: 12:30 PM US/EASTERN	FOSC Response: Yes
---	---	---------------------------

Narrative:

SWO: 2022-623
 NRC: 1327891

Contact:

RP: Jetstar

Contractor: CBI
 Jon Sandora:
 813-626-6533 ext 4001
 Jsandora@cliffberryinc.com

Tim Lentz - working on the SRR - Gallagher Bassett
 813-416-2535
 Timothy_lentz@gbtpa.com

Cura Emergency Services: Handling the incident on behalf of Jetstar

Tonya Wright:
 972-378-7342
 Tonyaw@curaes.com

OER/State On-Scene Coordinator: Date:		Hours spent:		Federal On-Scene Coordinator:	
				*The above actions were properly taken and coordinated with the National Contingency Plan (NCP, 40 CFR 300)	
ID# Print	Fax# Sign:	Fax# Print	Date: Sign:		

OER Response Information

OER On-Scene Coordinator: Wavelet, Trevor	Arrival Date: 02/01/2022 Arrival Time: 02:00 PM US/EASTERN	Incident #: 2022-41-68767
---	---	----------------------------------

PERSONNEL EXPENSES:

Wavelet, Trevor	4	\$ 18.83	per hour	\$ 75.32
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TRANSPORTATION EXPENSES:

Response Vehicle	84	\$ 0.45	per mile	\$ 37.80
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PPE EXPENSES:

Work Clothes	2	\$ 15.00	per each	\$ 30.00
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SAMPLING EQUIPMENT EXPENSES:
EXPENDABLE EXPENSES:
INSTRUMENTATION EXPENSES:
MISCELLANEOUS EXPENSES:

Std. On-Scene charge (phone, photo, clerical)	4	\$ 22.00	per incident	\$ 88.00
Total Telephone Costs (includes cell)	1	\$ 5.00	per incident	\$ 5.00

Incident Narrative:

On 2/1/22, via SWO a jet fuel release was reported. The release was due to an overturned tanker truck. The release impacted soil and entered nearby storm drains.

Tampa OER followed up with the reporting party to get further information about the extent of the spill, areas of contamination, and clean up actions. The spill was estimated to be ~8000 g. Local fire rescue/hazmat/USCG arrived on scene. The FD tried to plug the leak. The leak was plugged with partial success, but fuel was still leaking out slowly. The FD built berms around all the storm drains along the southbound lane of Gandy blvd causing all the free product to remain in the roadway. Some water and foam were sprayed for vapor suppression.

The RP, Jet Star, hired CBI to conduct emergency clean up actions. CBI arrived on scene to collect the free product from the roadway and deploy boom in the canal that feeds into Tampa Bay. CBI deployed two vac trucks to collect the free product and waste water/foam. Excavation of contaminated soils was planned for a later date to get locates for utility/fiberoptic cables and etc.

Tampa OER is still waiting on the SSR from CBI.

Approved By:
Date:

Rev. 2 2022 CASA CONCEPTS LTD. (C.N. 1000)

M. Disposal Facilities	
Facility Name: _____	
Address: _____	
City: _____	State: _____ ZIP: _____
Original Date: _____	
Material: _____	
Quantity: _____	Container Type/Amount: _____
Primary Disposal: _____	State Disposal: _____
Primary Code: _____	State Code: _____
Primary Material Code: _____	X Disposal Facility Federal Material Code
State Material Code: _____	Material Material Code

Page 2 of 2

Page 2 of 2

Site Remediation Work Plan - Jet Fuel Spill - Westshore an...



February 22, 2022
Project 22009 0040

Cliff Berry Inc.
4314 Raleigh Street
Tampa, FL 33619
(813) 616-4533
Attn: Jon Sanders
jsanders@cliffberryinc.com

Re: Work Plan for Site Remediation Activities
Jet Star Tanker Spill
Aviation Turbine Jet Fuel (Chevron Jet A)
North West Corner (NWC) of Gandy Blvd, and Westshore Blvd S (Circle K #2708811)
Tampa, Hillsborough County, FL 33611

Gallagher Bassett Technical Services (GBTS) has prepared this Work Plan for Site Remediation Activities in accordance with the Florida Administrative Code (F.A.C.) 62-780.500 Emergency Response Action.

Background

At approximately 11:52 a.m. Tuesday, February 1, 2022, Tampa Fire Rescue stated that a tanker carrying 8,000 gallons of aviation fuel crashed onto its side adjacent to the NWC of W. Gandy Boulevard and S. West Shore Boulevard, near the south entrance to Circle K #2708811 (see attached Figure 1 and 2).

Initial Assessment and Remediation immediately following accident

- Following the accident on 2/1/22, the Jet fuel tanker and spill area was secured, contained, and the remaining jet fuel (approximately 1200 gallons) was removed from the overturned tanker by Cliff Berry Inc. (CBI).
- The stormwater drains located along the north side of Westshore Blvd were sealed with absorbent booms to minimize petroleum entering into the stormwater system, flowing to the north, draining into a nearby "tidal" canal, which flowed to the western surrounding Tampa Bay.
- Absorbent sands and materials were spread on the jet fuel to remove the jet fuel from the roadway and impacted areas, these materials were later excavated and transported to CBI Tampa for proper disposal per regulatory guidelines.
- The "worst case" impacted soils along the sidewalk and roadway with visible jet fuel (petroleum) impacts, were excavated and transported to CBI Tampa for proper disposal per regulatory guidelines.

4350 W Cypress Street, Suite 300
Tampa, Florida 33609
O: 813-297-1000
M: 813-416-2535
www.gallagherbassett.com

Cliff Berry Inc.
February 22, 2022
Page 2

- Absorbent booms were placed in the tidal drainage canal located along the north side of Gandy Blvd (see attached Figure 4).
 - Absorbent booms were placed within the canal, on both sides (east and west) of the 7th Boulevard overpass that connects the Regency Cove Modular Home Community to Gandy Blvd.
 - Absorbent booms were placed within the canal, on the west side of Westshore S Blvd, on the north side of the Circle K# #270811.
 - Absorbent booms were placed within the canal, at two (2) stormwater "drain" outlets that connected the north side of Westshore Blvd (stormwater flow) to the canal.
 - The absorbent booms are monitored daily by CBI and free floating materials are removed and disposed per regulatory guidelines.

On Monday, February 7, 2022, CBI met with the Florida Department of Environmental Protection (FDEP), Emergency Response, and the Florida Department of Transportation (FDOT) to discuss the planned assessment and cleanup of the petroleum impacted soils, sediments and surface water.

Planned Source Removal Activities

The objective of the Jet Fuel Source removal was to address the jet fuel-affected soils and groundwater in the area along the north side of Gandy Blvd, working from the accident site at the intersection of Westshore Blvd and Gandy Blvd, moving to the west (downslope) toward 7th Boulevard, entrance to the Regency Cove Modular Home Community.

- Prior to excavating, CBI contacted Sunshine One Call to have underground utilities marked or cleared. No utility conflicts were identified in the proposed excavation areas.
- Prior to excavating, CBI contacted Site Lines LLC to have underground utilities marked or cleared. Site Lines LLC uses Ground Penetrating Radar (GPR) and Conventional Electro-Magnetic Pipe and Cable Locators to locate utilities throughout the planned work area (see Figure 6 - Field Sketch).
- CBI will prepare a Health and Safety Plan (HASP) which represents a distillation of applied health and safety management practices that are successful in protecting the health and safety of all trades involved with this project.

Soil Assessment

Prior to the vacuum excavating procedure, GBIS will supervise the advancement of numerous exploratory soil borings along the north side of Gandy Blvd, extending to the west of Westshore Blvd S (see Figure 3). The exploratory soil borings will be installed from Westshore Blvd S, to the west, until all petroleum impacted "vadose" soils have been identified. The soil borings will be advanced from surface grade to a depth of approximately 6-8 feet below land surface (BLS), which will extend into the groundwater table interface (observed to be approximately 8-feet to 8-feet BLS). Soil samples will be screened in the field to assess for the presence of organic vapors, and to visually assess the soils for

Cliff Berry Inc.
February 22, 2022
Page 3

Indications of petroleum staining, unnatural discoloration, or non-native materials. The samples will be collected in 1 to 2-foot intervals and analyzed in the field using an Organic Vapor Analyzer (OVA), equipped with a Photo Ionization Detector (PID) to assess for petroleum-affected soils.

GBIS will collect soil samples using a manual hand auger technique, which involves "augering" a sampling device to the desired depth, collecting the sample, and extracting the device. Soil samples will be obtained in the grass, roadways and sidewalk along the north side of Gandy Blvd.

Soil samples will be obtained beneath the sidewalk on the north side of Gandy Blvd. This procedure will involve drilling through the sidewalk with a 10" Core drill with a 4-inch diamond bit barrel, powered by a gasoline powered generator. It has been observed that soils beneath the brick "border" closest to the north side of the Gandy Blvd curb may have been impacted west of the car wash, bricks will be carefully removed, soils assessed, and the bricks will be properly replaced upon completion. Following the coring beneath the sidewalk, soils will be compacted back into the borings, and holes will be re-cemented with precision to restore the sidewalk to previous condition.

- Pre-Excavation, confirmatory Organic Vapor Analyses (OVA) of soil samples are planned along the northern, southern, and tip area at intervals from surface grade to 6 feet in depth, groundwater is reported to be approximately 5 feet in depth (tidal influenced).
 - The attached Figure 3, illustrates the general locations of the proposed boring locations (may slightly vary due to utilities, curbs, piping, etc.). The initial borings will be performed to determine the aerial extent of jet fuel impacted soils.
 - Soil boring - soil samples will be screened in the field to assess for the presence of organic vapors, and to visually assess the soils for indications of petroleum staining, unnatural discoloration, or non-native materials. The samples were collected in 6-inch intervals and analyzed to a total depth of 5 to 6-foot BLS for all soil borings. An OVA, equipped with a PID will be used to assess for petroleum-affected soils.

Following the above discussed fieldwork, soil excavation and removal activities will be implemented to remove the jet fuel impacted soils. The soils will be removed using "Vacuum" Extract techniques.

- Prior to "Vacuum" excavating, CBI will prepare and submit a Maintenance of Traffic (MOT) Plan to the regulatory authorities, to summarize and present a traffic control plan tailored to the specific needs and situation regarding the excavation and disposal of the jet fuel impacted soils and groundwater.
- Following the "Vacuum" excavation of the petroleum impacted soils, confirmatory sidewall (and bottom) samples will be obtained to document and confirm the removal of petroleum impacted "vadose" soils. The soil samples will be analyzed for the following:
 - Volatile Organic Aromatics (VOAs) using EPA Method 8260
 - Polynuclear Aromatic Hydrocarbons (PAHs) using EPA Method 8270
 - Total Petroleum Hydrocarbons (TPHs) by Method FL-PFO

1. Contacts

Company:	Cliff Berry Inc.		
Contact Person:	Cliff Berry		
Address:	2000 Westshore Blvd S, Suite 100, Westshore, FL 33596		
City:	Westshore	State:	FL
Phone:	(813) 270-8111		
Fax:	(813) 270-8112		

FEB 22 2022

URGENT FAX

CC: ADAM BERRY, Jr. President
401 Westshore Blvd S
Suite 100
Westshore, FL 33596
adam.berry@cliffberry.com

IN THE
FLORIDA
COUNTY OF HILLSBORO

JOHN BERRY, Vice President
401 Westshore Blvd S
Suite 100
Westshore, FL 33596

JOHN BERRY, Jr. President
401 Westshore Blvd S
Suite 100
Westshore, FL 33596

JOHN BERRY, Jr. President
401 Westshore Blvd S
Suite 100
Westshore, FL 33596

For the Hillsborough County Department of Emergency Management
3000 Westshore Blvd S
Westshore, FL 33596

FEB 22 2022

URGENT FAX

- Soil samples will be transported to a National Environmental Laboratory Accreditation Conference (NELAC) certified laboratory.

Groundwater Assessment

Following the vacuum excavation procedures, GRTS will install temporary groundwater monitor wells within the footprint of the jet fuel impacted soils. The groundwater monitor wells will be installed at equidistant points (every 50 feet) along the north side of Gandy Blvd, beginning at the spill accident location, and extending to the west through the impact zone. The locations of the temporary monitoring wells will be submitted to the regulators following soil excavation procedures. The groundwater table was observed to be approximately 5-feet BLS.

- Groundwater impacts will be evaluated and monitored according to the above soil related fieldwork. Confirmatory groundwater samples will be obtained to determine and evaluate potential jet fuel spill impacts.
- The groundwater monitor wells will be installed to a depth of approximately 11 feet BLS and include 10 feet of pre-packed slotted well screen (to be screened across the water table). The wells will include an above-grade riser and a water-tight locking cap.
- The groundwater samples will be analyzed for:
 - o VOCs using EPA Method 8260
 - o PAHs using EPA Method 8270
 - o TPHs by Method FI-P80
- Groundwater samples will be transported to a NELAC certified laboratory.

Planned Stormwater Inlet, Associated Piping and Outfall Cleaning Activities

It has been observed that petroleum constituents remain within the stormwater inlets along Gandy Blvd, and the associated outfalls and piping leading to the drainage canal to the north, small amounts of fuel have been collected and removed with the absorbent booms in the canal. CBT will clean the basins, and associated lines using water jetting equipment. The washwater will be immediately collected at the north and south inlets and outfalls.

Sediments and Surface Water Assessment

- Following the vacuum excavation and stormwater piping cleaning procedures, GRTS will obtain samples of the surface water and sediments within the earth adjoining tidal canal, (see Figure 6). Five sediment samples will be obtained as follows:
 - o One (1) eastern surface water and one (1) sediment sample will be obtained near the upstream absorbent boom near Westshore Blvd.
 - o One (1) western surface water and one (1) sediment sample will be obtained near the downstream boom, on the west side of the 7th Boulevard overpass that connects the Regency Cove Modular Home Community.

- o Three (3) surface water and three (3) sediment samples will be obtained from between the eastern and western booms and corresponding surface water and sediment samples
- The sediment and surface water samples will be analyzed for:
 - o VOCs using EPA Method 8260
 - o PAHs using EPA Method 8270
 - o TPHs by Method FI-P80
- Sediment and surface water samples will be transported to a NELAC certified laboratory.

Following the vacuum excavation procedures, CBT will restore the soils, grasses, and disturbed concrete and related materials to previous conditions.

Upon completion of the fieldwork, receipt of the field and analytical data, GRTS and CBT will evaluate the results and incorporate the assessment methodologies, findings, conclusions and recommendations into a summary report, Emergency Source Removal Report in accordance with F.A.C. 62-180.500 Emergency Response Action.

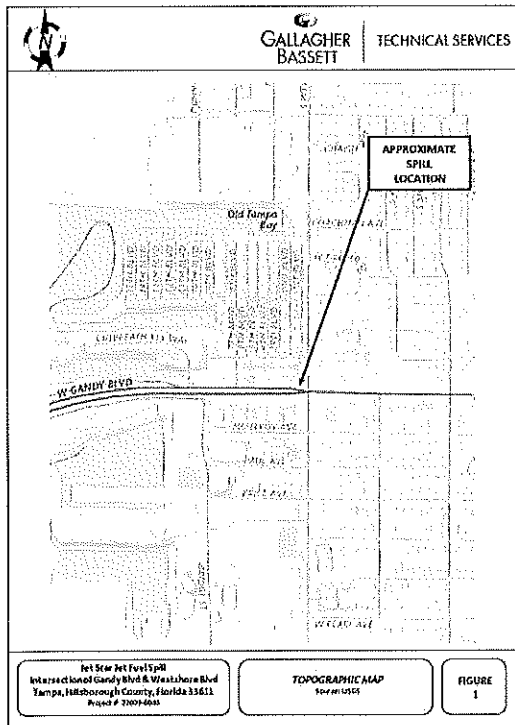

Timothy B. B. J. A.C.
Project Geologist
Gallagher Bassett Technical Services

Attachments:

- Figure 1 - Topographic Map
- Figure 2 - Site Location Map
- Figure 3 - Soil Boring Location Map
- Figure 4 - Absorbent Boom Location Map
- Figure 5 - Sediment and Surface Water Sample Locations
- Figure 6 - GPR Field Sketch illustrating utilities with Vacuum Extraction Zone

FIGURES

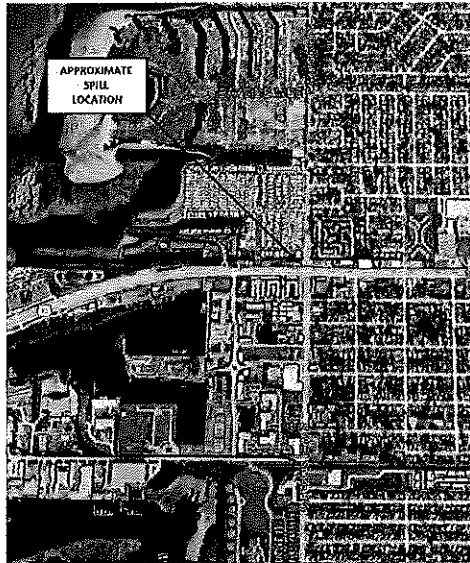
5455 Cypress Center Drive, Suite 205
Tampa, Florida 33609
O: 813-287-1005
F: 813-416-2525
www.gallagherbassett.com





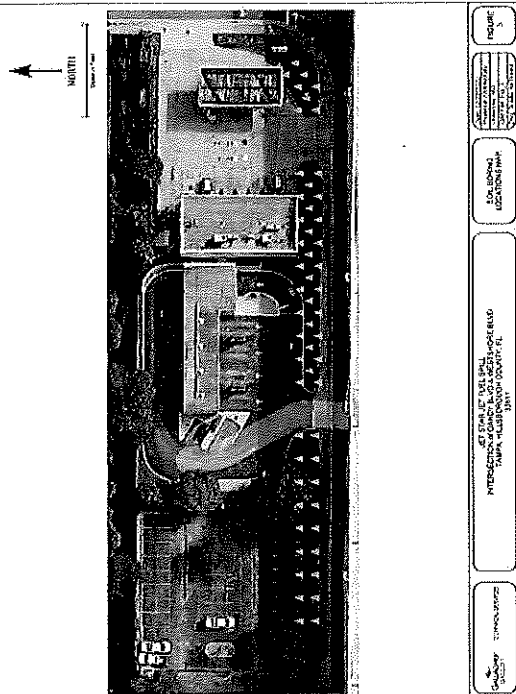
GALLAGHER
BASSETT

TECHNICAL SERVICES



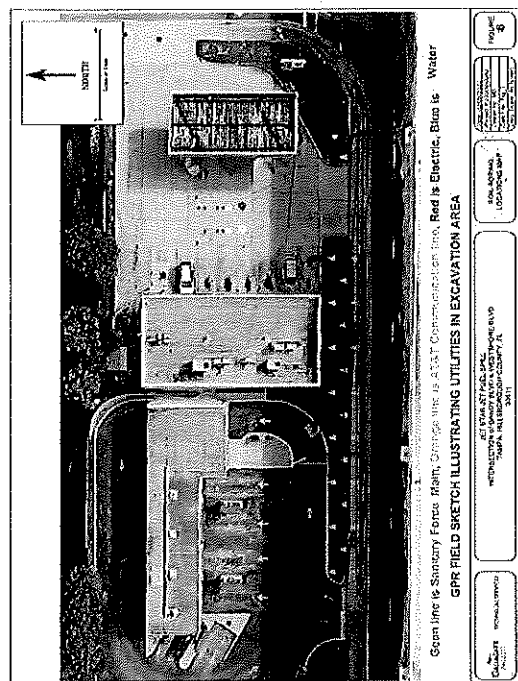
1st Star Set Fuel Spill
Intersection of Gandy Blvd & Westshore Blvd
Tampa, Hillsborough County, Florida 33611
Project #: 2020-0048

SITE LOCATION MAP
Figure 2



Scale: 1" = 100'

PROJECT: 1ST STAR SET FUEL SPILL LOCATION: INTERSECTION OF GANDY BLVD & WESTSHORE BLVD TAMPA, HILLSBOROUGH COUNTY, FL DATE: 01/11/2021	FOR: HONORARY LOCATION MAP	FIGURE: 2
---	----------------------------	-----------



Chris Garth

From: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>
Sent: Friday, April 1, 2022 8:28 AM
To: Chris Garth
Cc: Salesforce CRM; PublicRecordsRequests Regulatory
Subject: RE: Fuel Tanker Spill, Hillsborough County #00134138 SF Reference: ref:_00DG0i115._5004w2MQ2Dt:ref
Attachments: 68767.pdf; INITIAL Hillsborough Jet-A Fuel Release DEM-Thomas.pdf

Chris,

Thanks for following back up. It looks like the incident report has now been filled in and the attached documents were added.

Thanks,

Shane Gibbs
Government Operations Consultant
Office of Emergency Response
850-245-2872 Ext. 52872



From: Chris Garth <cgarth@tierraeng.com>
Sent: Thursday, March 31, 2022 10:14 AM
To: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>
Cc: Salesforce CRM <PublicServices@dep.state.fl.us>; PublicRecordsRequests Regulatory <PublicRecordsRequests_Regulatory@dep.state.fl.us>
Subject: RE: Fuel Tanker Spill, Hillsborough County #00134138 SF Reference: ref:_00DG0i115._5004w2MQ2Dt:ref

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Shane,

Just wanted to check to see if you have any further information regarding this JetStar tanker spill dated Feb. 1, 2022?

Thanks,
Chris Garth, LEP

TIERRA, INC.

T 813.989.1354 | F 813.989.1355 | C 813.766.0269
geotechnical environmental materials engineering

From: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>
Sent: Friday, March 18, 2022 2:39 PM
To: Chris Garth <cgarth@tierraeng.com>
Cc: Salesforce CRM <PublicServices@dep.state.fl.us>; PublicRecordsRequests Regulatory

<PublicRecordsRequests_Regulatory@dep.state.fl.us>

Subject: RE: Fuel Tanker Spill, Hillsborough County #00134138 SF Reference: ref:_00DG0i115._5004w2MQ2Dt:ref

Chris,

Check back with us here in a couple weeks and we should have some info on this spill available. The attached is the only information we have available right now for the incident that occurred February 1, 2022.

Thanks,

Shane Gibbs

Government Operations Consultant

Office of Emergency Response

850-245-2872 Ext. 52872



From: PublicRecordsRequests Regulatory <PublicRecordsRequests_Regulatory@dep.state.fl.us>

Sent: Friday, March 18, 2022 11:31 AM

To: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>

Cc: Salesforce CRM <PublicServices@dep.state.fl.us>

Subject: Fuel Tanker Spill, Hillsborough County #00134138 SF Reference: ref:_00DG0i115._5004w2MQ2Dt:ref

Good morning Shane,

Does the OER have any records responsive to this request (Please see below)?

Thanks,

Susan

From: Swd_publicrecords <swd_publicrecords@dep.state.fl.us>

Sent: Friday, March 18, 2022 9:20 AM

To: PublicRecordsRequests Regulatory <PublicRecordsRequests_Regulatory@dep.state.fl.us>

Subject: FW: Fuel Tanker Spill _ Hillsborough County at or near 4801 W. Gandy Boulevard _ Info Request

Good morning,

Please process the below public records request.

Thank you!

From: Chris Garth <cgarth@tierraeng.com>

Sent: Friday, March 18, 2022 9:05 AM

To: Swd_publicrecords <swd_publicrecords@dep.state.fl.us>

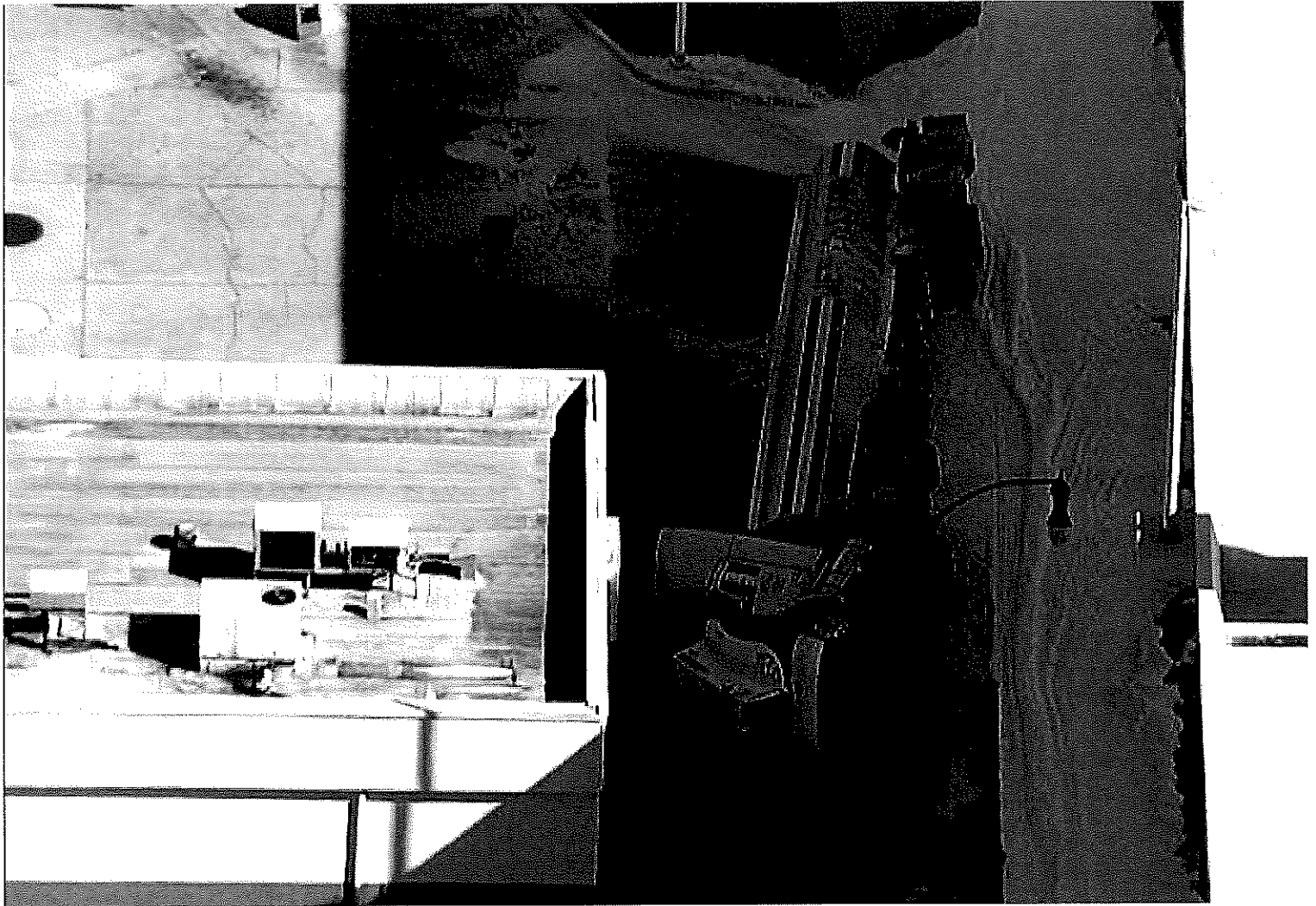
Cc: epcinfo@epchc.org

Subject: Fuel Tanker Spill _ Hillsborough County at or near 4801 W. Gandy Boulevard _ Info Request

EXTERNAL MESSAGE

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I saw on the news around Feb. 1, 2022 a fuel tanker spill occurred at/near this address in Tampa, Hillsborough County...but I don't see any files on OCULUS. Do you have assessment/cleanup/closure files for this discharge? If so, please provide a pdf of the reports?



The following is the address of the Circle K gas station where the spill occurred:

Facility/Site ID = 8735366

Facility/Site Name = CIRCLE K #2708811

Address = 4801 W GANDY BLVD

City = TAMPA

County = HILLSBOROUGH

District = SWD

Please call or email if you have questions.

Thanks,

Chris Garth, LEP
Senior Scientist

TIERRA, INC.

7351 Temple Terrace Highway | Tampa, Florida 33637
T 813.989.1354 | F 813.989.1355 | C 813.766.0269
cgarth@tierraeng.com | www.tierraeng.com
geotechnical environmental materials engineering

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