

I-75 REST AREAS PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY

SARASOTA AND CHARLOTTE COUNTIES

FINAL LEVEL 1 CONTAMINATION SCREENING EVALUATION REPORT (CSER)

FINANCIAL PROJECT NO.: 436602-1-22-01

MARCH 2017



I-75 REST AREAS PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY

SARASOTA AND CHARLOTTE COUNTIES

FINAL LEVEL 1 CONTAMINATION SCREENING EVALUATION REPORT (CSER)

FINANCIAL PROJECT NO.: 436602-1-22-01

MARCH 2017

Prepared for:

Florida Department of Transportation
District One
801 North Broadway
Bartow, Florida 33830

And

RS&H, Inc.
1715 N. Westshore Blvd., Suite 500
Tampa, Florida 33607

Prepared by:

Tierra, Inc.
7351 Temple Terrace Highway
Tampa, Florida 33637
Tierra Project No. 6511-15-115E



March 13, 2017

RS&H, Inc.
1715 North Westshore Boulevard, Suite 500
Tampa, Florida 33607

Attn: Mr. Rick Langlass, P.E.
Senior Transportation Development Engineer

Re: Final Level I Contamination Screening Evaluation Report
I-75 (SR 93) Rest Area PD&E Study
Sarasota and Charlotte Counties, Florida
FPN: 436602-1-22-01
Tierra Project No.: 6511-15-115E

Mr. Langlass:

Tierra, Inc. (Tierra) has prepared this Level I Contamination Screening Evaluation Report (CSER) for the above-referenced project in general accordance with the Florida Department of Transportation (FDOT) Project Development & Environment (PD&E) Manual, Part 2, Chapter 22 (2008). Five Rest Area Alternatives were evaluated. Each site received a contamination risk rating of "No." Therefore, Level II testing is not recommended.

We appreciate the opportunity to provide you with these services. If you have any questions or comments regarding this report or our conclusions and recommendations, please feel free to contact us at your convenience.

Respectfully Submitted,

TIERRA, INC.



Sammy M. Awad
Environmental Scientist



Michael J. Bair, ASP
Chief Scientist

cc: Donald R. Polanis, PSSC, CGC-Tierra

Table of Contents

Executive Summary i

1.0 Introduction 1

2.0 Land Use 2

3.0 Hydrogeologic Setting 2

 3.1 Regional Hydrogeology 2

 3.2 USDA Soil Survey 3

4.0 Methodology 4

 4.1 Regulatory Review 4

 4.2 Supplemental Regulatory Information 4

 4.3 Interviews/Correspondence 5

5.0 Determination of Potential Risk 6

 5.1 SB-2 Preferred Rest Area Alternative 7

 5.2 NB-2B Preferred Rest Area Alternative 8

 5.3 NB-2 Rest Area Alternative 10

 5.4 SB-WIM Rest Area Alternative 11

 5.5 NB-WIM Rest Area Alternative 12

6.0 Conclusions and Recommendations 14

 6.1 Conclusions 14

 6.2 Recommendations 14

7.0 References 15

8.0 Limitations 16

List of Appendices

CSER-Appendix A Potential Contaminated Sites Summary Table

CSER-Appendix B Project Location Map

CSER-Appendix C NRCS Soil Map

CSER-Appendix D USGS Topographic Map

CSER-Appendix E Historical Aerial Photographs

CSER-Appendix F Environmental Database Reports

CSER-Appendix G Site Photographs

Executive Summary

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) study to identify sites for the placement of one northbound (NB) and one southbound (SB) rest area facility along I-75, south of the City of Sarasota to the Charlotte County/Lee County line. The total study corridor length is approximately 51 miles (22 miles in Charlotte County and 29 miles in Sarasota County). The scope of this project is to construct rest area buildings, parking areas, access roads, recreational areas, and other amenities as necessary for the rest area on both sides of I-75. A total of 5 sites, all located within Charlotte County, were evaluated as part of this Contamination Screening Evaluation Report (CSER). After an evaluation of the rest area alternatives by the FDOT, two sites have been designated Preferred Alternatives: NB-2B and SB-2.

This Level I CSER has been prepared using the FDOT PD&E Manual, Chapter 22 reporting format and standard environmental assessment practices of reviewing records of regulatory agencies, site reconnaissance, literature review and when necessary, personal interviews of individuals and business owners within the limits of the project. For purposes of this report, the project study area includes each Rest Area Alternative and an approximate 1/8 mile area extending beyond the Rest Area boundaries.

Suspect sites were investigated for the potential for finding petroleum contamination or hazardous materials, and therefore may impact the proposed Rest Area Alternatives for this project. Specific details for each site are outlined in **CSER-Appendix A** and their locations are presented in **CSER-Appendix B**.

The contamination screening evaluation has resulted in the following risk ratings:

Preferred Rest Area	Risk Rating	Comment
SB-2	No	Based on the historic and current uses as pastureland, SB-2 is given a contamination risk rating of "No."
NB-2B	No	Based on the lack of contamination concerns, NB-2B is given a contamination risk rating of "No."
Rest Area Alternative	Risk Rating	Comment
NB-2	No	Based on the lack of contamination concerns, NB-2 is given a contamination risk rating of "No."
SB-WIM	No	Based on the lack of contamination concerns, SB-WIM is given a contamination risk rating of "No."
NB-WIM	No	Based on the lack of contamination concerns, NB-WIM is given a contamination risk rating of "No."

All of the Rest Area Alternatives are rated "No" for potential contamination and no further action is planned or recommended. These sites have been thoroughly evaluated and determined not to have any potential contamination risk to the project. Based on the "No" rating for each of the sites, no Level II testing is recommended.

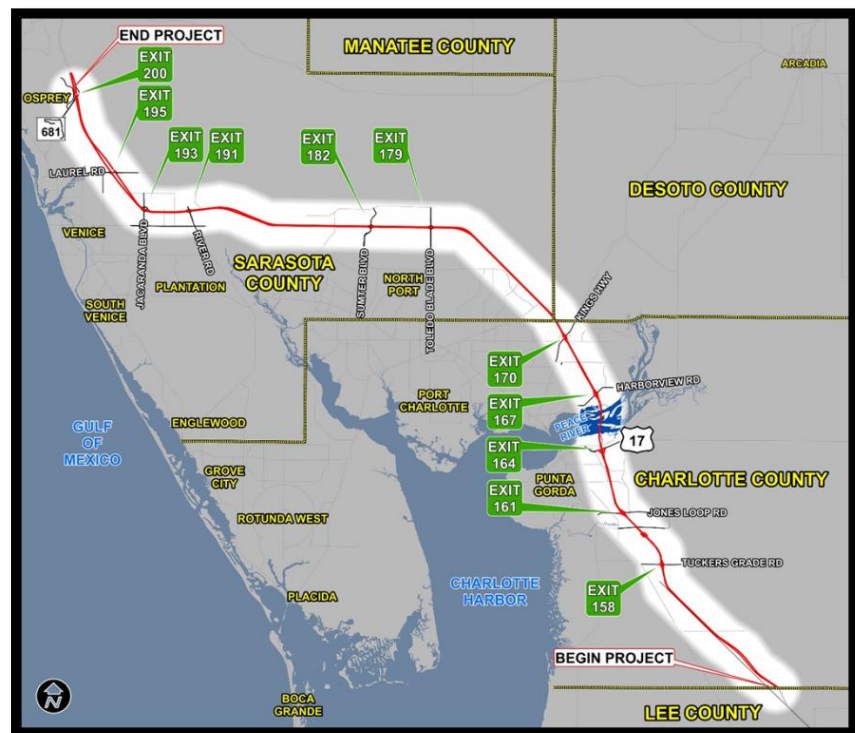
1.0 Introduction

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) study to identify sites for the placement of one northbound (NB) and one southbound (SB) rest area facility along I-75. I-75 (SR 93) is one of two major north-south limited access interstates that connect south Florida with the State of Georgia. FDOT's interstate rest areas provide safe rest stops for the motoring public, offering restrooms, parking, and vending machines adjacent to the interstate. The rest areas enhance safety by providing a safe place for motorists to stop, reducing driver fatigue. Also, the rest areas can provide a site for FDOT and Florida Highway Patrol (FHP) emergency operations during disasters, such as hurricanes.

In April of 2015, the FDOT closed the Jones Loop Rest Area at Exit 161 in Charlotte County. This facility was an "off-system" rest area that serviced vehicles in both directions of I-75. The closure of this facility increased the distance between existing rest area facilities. The next closest rest area is the Lee County Rest Area, located at Exit 131 on Daniel's Parkway. However, this site is planned for closure in the future as it is also an "off-system" site. With the planned closure of the Lee County Rest Area, the nearest adjacent rest areas on I-75 are the Hillsborough County Rest Area, located at Mile Marker 238, and the Collier County Rest Area, located at Mile Marker 63. The distance between these two rest area facilities is approximately 175 miles. The American Association of State Highway and Transportation Officials (AASHTO) guidelines recommend rest areas should be spaced approximately a one-hour drive, or about 70 miles, between appropriate stopping opportunities.

Figure 1-1

The purpose of this study is to identify the locations for the replacement of the Jones Loop Rest Area with two new rest areas (northbound and southbound). One of the considerations for the placement of the new rest area facilities will be that they are as equidistant to the existing rest area sites as possible. The study limits extend from the Charlotte/Lee County line north to the interchange of SR 681 and I-75, see **Figure 1-1**. The total study corridor length is approximately 51 miles (22 miles in Charlotte County and 29 miles in Sarasota County). Note that there is a very small portion (approximately 0.214 miles) of I-75 located in DeSoto County between Charlotte County and Sarasota County. For this study, this portion is included in the Sarasota County portion of the project.



2.0 Land Use

Land use is an important factor when evaluating historical and current environmental conditions. Evaluating the past use of properties can assist in determining possible chemical constituents that may have been used or associated with a particular parcel. Current land use records, typically supplied by the local county or municipality, also provide environmental professionals additional information to target specific areas for potential contamination involvement.

During the site reconnaissance, land uses adjacent to the proposed rest areas were observed as mixed, consisting of I-75 Highway, undeveloped (wooded parcels, river, open fields, pasture, etc.) and developed land (retail, residential, commercial, public, agriculture, etc.). Land uses outside the immediate area of each Rest Area Alternative were reviewed using Google Earth images. No land uses were identified within the boundaries of the Rest Area Alternatives that would be considered contamination concerns.

3.0 Hydrogeologic Setting

Hydrogeological features can be indicators of possible environmental concerns; therefore, they are reviewed as part of the CSER process. The hydrological features such as rivers, artesian wells, creeks, sinks, mines, well fields, etc. provided on governmental maps and identified in regional soils and geology literature are reviewed for the noted items which fall within the project limits. The features are evaluated to determine if there are any known areas, or other regional environmental concerns, that may contribute to environmental influences within the project limits.

3.1 Regional Hydrogeology

Geologic formations of Charlotte County that comprise the surficial aquifer and intermediate aquifers and confining beds are the surficial deposits, undifferentiated Caloosahatchee Marl, Bone Valley Formation, Tamiami and Hawthorne Formations, and parts of the Tampa Limestone that are not included in the Floridan aquifer. Underlying these formations is the Floridan aquifer which consists of the rest of the Tampa, Suwanee, Ocala, and Avon Park Limestones and parts of the Lake City Limestone. The thickness of the surficial aquifer ranges from 50 feet in the northwest to more than 100 feet in the east and south.

Typically, the Caloosahatchee Marl sediments consist of unconsolidated shell beds; light gray, sand, shelly marl; marl; and thin beds of hard, sandy limestone. The marl varies laterally from very shelly to very sandy and silty. The Caloosahatchee Marl generally ranges from zero to 50 feet in thickness.

The Bone Valley Formation of Pliocene age is present in the northern part of the area and probably is not present in the south. The formation consists of an upper unit that is predominantly clayey sand with minor amounts of phosphate nodules, sand, and clay. The formation ranges from zero to 20 feet in thickness.

The Bone Valley Formation of Caloosahatchee Marl Pliocene age is comprised of clays, marls, sands, and thin beds of limestone. All the units, except the limestone, are slightly consolidated and slightly phosphatic. The formation ranges in thickness from zero to 150 feet and is present in most of the area.

3.2 USDA Soil Survey

Soil Surveys provide indications of what a soil may be useful for and can provide clues as to possible uses and potential environmental issues. Additionally, maps of the soil units provided in the surveys often show historical land features such as mines, borrow pits, railroads, etc. These can also be indications of areas of concern.

The USDA NRCS "Soil Survey of Charlotte County, Florida" issued in December 1984, was reviewed for information regarding the climate, physiography and soils in the vicinity of the site to better understand its general setting and any potential concerns. A reproduction of the Charlotte County Soil Survey published by the USDA for the project vicinity is illustrated on the NRCS Soil Map in **CSER-Appendix C**.

The climate of Charlotte County is humid subtropical, characterized by high mean annual rainfall and temperature. The mean annual air temperature in Charlotte County is 72 degrees F. The average annual rainfall is 50.4 inches per year. The dry season is from October to May.

Charlotte County is located in the southwestern or peninsular zone of Florida. It is bound to the north by Sarasota and Desoto Counties, on the east by Glades County, on the south by Lee County, and on the west by the Gulf of Mexico. Most of the drainage in the county is via seepage into the numerous rivers, lakes or streams that are plentiful throughout the area.

The Soil Survey's General Soil Map indicates a total of three (3) general soil groups are located in the study area:

- **Hallandale-Wabasso-Boca** – The soils of this series consists of nearly level, poorly drained, shallow to deep, sandy soils; some area are sandy throughout, some have a sandy, organic-stained subsoil underlain by a loamy subsoil, and some just have a loamy subsoil.
- **Immokalee-Myakka** – The soils of this series consist of nearly level to poorly drained, deep, sandy soils that have a sandy, organic-stained subsoil.
- **Malabar-Oldsmar-Immokalee** – The soils of this series consist of nearly level, poorly drained, deep, sandy soils; some have a loamy subsoil, some have a sandy, organic-stained subsoil underlain by a loamy subsoil, and some have just a sandy, organic-stained subsoil.

4.0 Methodology

This Level I Contamination Screening Evaluation Report has been prepared in general accordance with the FDOT PD&E Manual, Chapter 22 reporting format and standard environmental assessment practices of reviewing records of regulatory agencies, site reconnaissance, literature review and when necessary, personal interviews of individuals and business owners within or near the limits of the project. For purposes of this report, the study area includes the limits of each Rest Area Alternative and a $\frac{1}{8}$ mile buffer extending beyond those boundaries. The evaluation included the following tasks:

- Online review using Charlotte County Property Appraiser's website;
- A regulatory review of governmental databases for permits and or violations associated with environmental issues;
- Obtaining and evaluating historical aerial photographs, topographic maps and soil surveys in an effort to determine potential contamination problem areas;
- Conducting site visits to verify information provided and to identify other potential concerns within the vicinity of the project; and
- Determining the contamination potential and assigning a risk rating for each property within the proposed project limits.

4.1 Regulatory Review

An environmental database search using Environmental Data Management, Inc. (EDM) was conducted in March 2016 to identify sites, facilities or listings within the study area containing documented or suspected petroleum contamination or other hazardous materials. The search was conducted as a preliminary screening tool to identify facilities that are registered with various county, state, and federal agencies within $\frac{1}{8}$ mile of the project.

The regulatory review of federal and state environmental records utilizes an integrated geographic information system database. The database search report provides geocoded and non-geocoded regulatory listings of interest that are identified within the study area. Each listing is located by address, facility ID number and field verified where possible. All are reviewed for the potential of contamination to each Rest Area Alternative.

Some facilities may have more than one type of regulatory listing. The listings are grouped by facility/site or property locations, assigned a Site Number by Tierra, and are further discussed in the Potential Contaminated Sites Summary Table provided in **CSER-Appendix A**.

The reviewed records include information compiled by the United States Environmental Protection Agency (EPA), the Florida Department of Environmental Protection (FDEP), and other various reporting programs, as identified in the attached environmental database search report. A complete list of all regulatory record databases searched is included in the environmental database report, provided in **CSER-Appendix F**.

4.2 Supplemental Regulatory Information

In addition to the environmental database report, Tierra supplemented the regulatory records review with readily available information from various online sources as listed below.

- FDEP Map Direct

- FDEP OCULUS Document Management System
- FDEP Storage Tank/Contaminated Facility
- FDEP Hazardous Waste Facilities
- FDEP Solid Waste Facility Inventory
- FDEP Contamination Locator Map
- EPA EnviroMapper for Envirofacts Multi-system Search
- FDOT Efficient Transportation Decision Making (ETDM) database

4.3 Interviews/Correspondence

Communication with land owners, 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/ marine/ maintenance/ service/ repair facilities, dry-cleaning processes, and other industrial or agricultural operations that could affect the project. No interviews/correspondence were contacted, as no pertinent information was needed.

5.0 Determination of Potential Risk

After gathering and reviewing readily available public information and conducting site reconnaissance, contamination risk ratings were assigned to each site of potential concern. The rating system is divided into four categories of risk as defined by the FDOT in Chapter 22 of the PD&E Manual. These four degrees of risk are "No," "Low," "Medium," and "High." This system expresses the degree of concern for potential contamination problems. General definitions for each risk rating are presented below.

No Risk Site

A review of all available information finds there is nothing to indicate contamination would be a problem. It is possible that contaminants were handled on the property; however, all information (DEP reports, monitoring wells, water and soil samples, etc.) indicate that contamination problems should not be expected. An example of an operation that may receive this rating is a wholesale or retail outlet that handles hazardous materials in sealed containers that are never opened while at the facility, such as cans of spray paint at a "drug store."

Low Risk Site

The former or current operation has a hazardous waste generator identification (ID) number, or deals with hazardous materials; however, based on all available information, there is no reason to believe there would be any involvement with contamination in relation to this project. This is the lowest possible rating a gasoline station operating within current regulations can receive. This rating could also apply to a retail store that blends paint. Some Low sites, such as gas stations in compliance, should be reevaluated during the design/construction phase.

Medium Risk Site

After a review of all available information, indications are found (reports, Notice of Violations, consent orders, etc.) that identify known soil and/or water contamination and that the problem does not need remediation, is being remediated (i.e., air stripping of the groundwater, etc.), or that continued monitoring is required. The complete details of remediation requirements are important to determine what the Department must do if the property were to be acquired. A recommendation should be made on each property falling into this category to its acceptability for use within the proposed project, what actions might be required if the property is acquired, and the possible alternatives if there is a need to avoid the property. This rating expresses the degree of concern for potential contamination problems. Known problems may not necessarily present a high cause for concern if the regulatory agencies are aware of the situation and corrective actions are either underway or complete. The actions may not have an adverse impact on the proposed project.

High Risk Site

After a review of all available information, there is a potential for contamination problems. Further assessment will be required after alignment selection to determine the actual presence and/or levels of contamination and the need for remedial action. A recommendation must be included for what further assessment is required. Conducting the actual Contamination Assessment is not expected to begin until the alignment is defined; however, circumstances may require additional screening assessments (i.e., collecting soil or water samples for laboratory analysis necessary to determine the presence and/or levels of contaminants) to begin earlier. Properties previously used as gasoline stations and which have not been evaluated or assessed would probably receive this rating.

5.1 SB-2 Preferred Rest Area Alternative

During the site reconnaissance, this Preferred Rest Area Alternative was observed as pastureland in Charlotte County, Florida. The specific location is depicted in **CSER-Appendix B**. Offsite, I-75 was observed abutting east, with pastureland to the north, west, and south. Photographs taken during site reconnaissance are presented in **CSER-Appendix G**.

Historic Land Use Summary

A summary of our historic aerial photograph review, including the years and sources reviewed are provided in the following table. Copies of the 1952, 1960, 1975, 1985, 1995 and 2006 aerial photographs are included in **CSER-Appendix E**.

Table 1		
Year	Comment	Source
1952	Woods and rangeland Offsite was generally surrounded by similar land	University of Florida
1960	No significant visible changes noted	Earth Resources Observation Systems (EROS)
1975	No significant visible changes noted	FDOT Survey and Mapping
1985	No significant visible changes noted Offsite: I-75 apparent east	FDOT Survey and Mapping
1995	Pastureland	FDOT Survey and Mapping
1998-1999	No significant visible changes noted	Google Earth
2004-2008	No significant visible changes noted	FDOT Survey and Mapping Google Earth
2010	No significant visible changes noted	Google Earth
2012-2016	No significant visible changes noted	Google Earth and FDOT Survey and Mapping

The U.S.G.S. 7.5-Minute “Punta Gorda, Florida” topographic map published in 1957 and photorevised in 1987 was reviewed. SB-2 Preferred Rest Area Alternative is depicted in white shading indicating undeveloped land. No buildings or structures are depicted onsite. A copy of the map is included in **CSER-Appendix D**.

Regulatory Review

An environmental database search using Environmental Data Management, Inc. (EDM) was conducted on March 30, 2016 to identify sites located on or within close proximity to the Rest Area Alternatives containing documented or suspected petroleum contamination or other hazardous materials. The search was conducted as a preliminary screening tool to identify facilities that are registered with various county, state, and federal agencies within 1/8 mile of the study area. Based on the information obtained from the EDM regulatory database report, no listings/registrations were identified onsite. A copy of the EDM regulatory database report is included in **CSER-Appendix F**.

The nearest listing/registration was located approximately 1,800 feet west of SB-2 Preferred Rest Area Alternative and is discussed below:

McQueen Farm (FACID: 101002)

During the site reconnaissance, this facility was observed as open pasture land that included 3 contiguous ponds. According to information reviewed on the FDEP OCULUS database, an inspection of the site was completed in December 1989 in response to a complaint. The complaint involved alleged unpermitted disposal of solid waste to land and water (land clearing debris and residential waste). The property owner stated that the debris was staged in the area so that it could be burned in the future. The FDEP confirmed that the owner held a burn permit and the case was closed in May 1991. No discharges to the soil or groundwater have been reported or confirmed for this facility. This facility was included in the EDM regulatory database report, even though the alleged disposal area was located 1,800 feet from the closest Rest Area Alternative (SB-2). Based on the considerable separation distance to SB-2 (1,800 feet) and the lack of evidence of a discharge, this facility is not considered a contamination concern to SB-2 Preferred Rest Area Alternative.

Risk Rating

Based on the lack of contamination concerns, SB-2 is given a potential risk rating of “No.”

5.2 NB-2B Preferred Rest Area Alternative

During the site reconnaissance, this Preferred Rest Area Alternative was observed as pastureland east of I-75 located in Charlotte County, Florida. The specific location is depicted in **CSER-Appendix B**. Offsite I-75 was located abutting west, Airport Road to the north, a warehouse-type building followed by the Charlotte County Public Safety and Vehicle Maintenance building to the east, and Cheney Brothers, Inc. (CBI) Building to the south. Photographs taken during site reconnaissance are presented in **CSER-Appendix G**.

Historic Land Use Summary

A summary of our historic aerial photograph review, including the years and sources reviewed are provided in the following table. Copies of the 1952, 1960, 1975, 1985, 1995 and 2006 aerial photographs are included in **CSER-Appendix E**.

Table 2		
Year	Comment	Source
1952	Woods and rangeland Offsite was generally surrounded by similar land	University of Florida
1960	Pastureland	Earth Resources Observation Systems (EROS)
1975	No significant visible changes noted	FDOT Survey and Mapping
1985	No significant visible changes noted Offsite: I-75 apparent west	FDOT Survey and Mapping
1995	No significant visible changes noted	FDOT Survey and Mapping
1998-1999	No significant visible changes noted	Google Earth
2004-2008	No significant visible changes noted Offsite east: Warehouse-like structure no longer apparent, FEMA housing-trailer area followed by Charlotte County Jail apparent east.	FDOT Survey and Mapping Google Earth

Year	Comment	Source
2010	No significant visible changes noted Offsite east: Warehouse-like structure apparent. FEMA housing-trailers no longer apparent. Charlotte County Public Safety Building and Vehicle Maintenance building apparent.	Google Earth
2012-2016	No significant visible changes noted Offsite: CBI building apparent southeast	FDOT Survey and Mapping Google Earth

The U.S.G.S. 7.5-Minute “Punta Gorda, Florida” topographic map published in 1957 and photorevised in 1987 was reviewed. NB-2B Preferred Rest Area Alternative is depicted in white shading indicating undeveloped land. No buildings or structures are depicted onsite. A copy of the map is included in **CSER-Appendix D**.

Regulatory Review

Based on the information obtained from the EDM regulatory database report, no listings/registrations were identified onsite. A copy of the EDM regulatory database report is included in **CSER-Appendix F**.

The nearest listings/registrations are discussed below:

Millwood Manufacturing (FLR 000033522)

Millwood Manufacturing Building is located 175 feet east of this Rest Area Alternative. During the site reconnaissance, this facility was observed as an approximate 6,000 square foot warehouse-type building. Tenants at the time of our site visit included McGinnis Bail Bonds and a pawn shop. According to information reviewed on the FDEP OCULUS database, Millwood Manufacturing applied for a hazardous waste identification number in August 1997. The application was necessary due to the use of solvents, which are a “listed” and “characteristic” hazardous waste. Millwood Manufacturing was not observed to be in operation during our site reconnaissance, no annual compliance inspection reports were found in the FDEP OCULUS database, and no reports of a discharge were filed. Based on the lack of evidence of a discharge, this facility is not considered a contamination concern to NB-2B Preferred Rest Area Alternative.

Charlotte County Public Safety Building (FACID: 9809452)

Charlotte County Public Safety Building is located approximately 550 feet east of this Preferred Rest Area Alternative. During the site reconnaissance, this facility was observed as the Charlotte County Public Safety Building. According to the Environmental Data Management, Inc. (EDM) report, one 3,800 gallon double-walled aboveground storage tank (AST) has been in operation at the site since May 2007. The tank stores diesel fuel and is associated with an emergency generator. The tank is located greater than 500 feet east of the nearest Rest Area Alternative (NB-2B). According to the Florida Department of Environmental Protection (FDEP) OCULUS database, this site was included in a compliance enforcement case that involved failure to conduct monthly release detection, failure to provide 30-day and 48-hour notification of installation activities, and failure to provide a release detection response level in writing in accordance with Rule 62-762 of the Florida Administrative Code. The complaint was settled in June 2008 by payment of a civil penalty. The most recent Annual Compliance Site Inspection Report by the FDEP dated 7/29/2014 noted the facility is ‘in compliance.’ No discharges to the soil or groundwater have been reported or confirmed for this facility. No staining or evidence of a discharge was observed during the site visit. Based on the considerable separation distance

to NB-2B Preferred Rest Area Alternative and the lack of evidence of a discharge, this facility is not considered a contamination concern to NB-2B Preferred Rest Area Alternative.

Charlotte County Vehicle Maintenance (FACID: 9809450)

Charlotte County Vehicle Maintenance Building is located approximately 500 feet east of this Preferred Rest Area Alternative. During the site reconnaissance, this facility was observed as the Charlotte County Vehicle Maintenance Building. According to the EDM report, one 5,000 gallon double-walled AST has been in operation at this site since June 2007. The tank stores diesel fuel and is associated with an emergency generator. The tank is located greater than 500 feet east of the nearest Preferred Rest Area Alternative (NB-2B). According to the FDEP OCULUS database, this site was included in a compliance enforcement case that involved failure to conduct monthly release detection, failure to provide 48-hour notification of installation activities, and failure to provide a release detection response level in writing in accordance with Rule 62-762 of the Florida Administrative Code. The complaint was settled in June 2008 by payment of a civil penalty. The most recent Annual Compliance Site Inspection Report by the FDEP dated 7/15/2015 noted the facility is ‘in compliance.’ No discharges to the soil or groundwater have been reported or confirmed for this facility. No staining or evidence of a discharge was observed during the site visit. Based on the considerable separation distance to NB-2B Preferred Rest Area Alternative and the lack of evidence of a discharge, this facility is not considered a contamination concern to NB-2B Preferred Rest Area Alternative.

Risk Rating

Based on the lack of contamination concerns, NB-2B is given a potential risk rating of “No.”

5.3 NB-2 Rest Area Alternative

During the site reconnaissance, this Rest Area Alternative was observed as pastureland east of I-75 in Charlotte County, Florida. Offsite, I-75 was apparent abutting west and a man-made pond apparent abutting east. The specific location is depicted in **CSER-Appendix B**. Photographs taken during site reconnaissance are presented in **CSER-Appendix G**.

Historic Land Use Summary

A summary of our historic aerial photograph review, including the years and sources reviewed are provided in the following table. Copies of the 1952, 1960, 1975, 1985, 1995 and 2006. Copies of historical aerial photographs are included in **CSER-Appendix E**.

Year	Comment	Source
1952	Woods and rangeland Offsite was generally surrounded by similar land	University of Florida
1960	No significant visible changes noted	Earth Resources Observation Systems (EROS)
1975	No significant visible changes noted Surrounding areas appear slightly more developed	FDOT Survey and Mapping
1985	No significant visible changes noted Offsite: I-75 apparent to the west, man-made pond apparent to the east	FDOT Survey and Mapping
1995	Area appears heavily wooded	FDOT Survey and Mapping
1998-1999	Dirt access road apparent on eastern portion Offsite: education complex apparent west	Google Earth

Table 3		
Year	Comment	Source
2004-2008	No significant visible changes noted	FDOT Survey and Mapping Google Earth
2010	Woods appear to be cleared Offsite: Piper Road construction apparent east	Google Earth
2012-2016	No significant visible changes noted	FDOT Survey and Mapping Google Earth

The U.S.G.S. 7.5-Minute “Punta Gorda, Florida” topographic map published in 1957 and photorevised in 1987 was reviewed. NB-2 Rest Area Alternative is depicted in white shading indicating undeveloped land. No buildings or structures are depicted onsite. A copy of the topographic map is included in **CSER-Appendix D**.

Regulatory Review

Based on the information obtained from the EDM regulatory database report, no listings/registrations were identified onsite or near the Rest Area Alternative. A copy of the EDM regulatory database report is included in **CSER-Appendix F**.

Tierra was involved with a separate adjacent project recently. Level II field screening by Tierra noted buried debris approximately 800 feet northwest of NB-2 Rest Area Alternative (just south of Henry Street over I-75 overpass). Based on review of Tierra’s geotechnical soil boring logs (February 2014 to March 2015), one soil boring (AB-376L) conducted on March 10, 2015 noted “Debris-rock/metal/glass shavings” from approximately 3 ½ to 4 ½ feet below land surface (bls), where the boring was terminated. No unusual odors were documented and groundwater was not encountered at this boring location. Based on the distance and nature of the materials encountered, the buried debris is not considered a significant potential contamination source to NB-2 Rest Area Alternative.

Risk Rating

Based on the lack of contamination concerns, NB-2 is given a potential risk rating of “No.”

5.4 SB-WIM Rest Area Alternative

During the site reconnaissance, this Rest Area Alternative was observed as woods and an existing, operational “weigh-in-motion” truck weighing station. An emergency generator with possible fuel source was observed onsite. No other obvious environmental concerns were noted during site reconnaissance. The specific location is depicted in **CSER-Appendix B**. Offsite, man-made ponds were observed to the south and west, a residential neighborhood to the north, and I-75 to the east. Photographs taken during site reconnaissance are presented in **CSER-Appendix G**.

Historic Land Use Summary

A summary of our historic aerial photograph review, including the years and sources reviewed are provided in the following table. Copies of the 1952, 1960, 1975, 1985, 1995 and 2006 aerial photographs are included in **CSER-Appendix E**.

Table 4		
Year	Comment	Source
1952	Woods and rangeland Offsite was generally surrounded by similar land	University of Florida

Table 4		
Year	Comment	Source
1960	No significant visible changes noted	Earth Resources Observation Systems (EROS)
1975	No significant visible changes noted Offsite: man-made ponds apparent south	FDOT Survey and Mapping
1985	No significant visible changes noted Offsite: I-75 apparent east, residences apparent west	FDOT Survey and Mapping
1995	WIM Stations apparent	FDOT Survey and Mapping
1998-1999	No significant visible changes noted	Google Earth
2004-2008	No significant visible changes noted	FDOT Survey and Mapping Google Earth
2010	No significant visible changes noted	Google Earth
2012-2016	No significant visible changes noted	Google Earth and FDOT Survey and Mapping

The U.S.G.S. 7.5-Minute “Punta Gorda, Florida” topographic map published in 1957 and photorevised in 1987 was reviewed. SB-WIM Rest Area Alternative is depicted in white shading indicating undeveloped land. No buildings or structures are depicted onsite. A copy of the map is included in **CSER-Appendix D**.

Regulatory Review

Based on the information obtained from the EDM regulatory database report, no listings/registrations were identified onsite or near the Rest Area Alternative.

Risk Rating

Based on the lack of contamination concerns, SB-WIM is given a potential risk rating of “No.”

5.5 NB-WIM Rest Area Alternative

During the site reconnaissance, this Rest Area Alternative was observed as woods and an existing, operational “weigh-in-motion” truck weighing station. An emergency generator with possible fuel source was observed onsite. No other obvious environmental concerns were noted during site reconnaissance. The specific location is depicted in **CSER-Appendix B**. Offsite, woods and man-made ponds were observed to the north and east, with pastureland to the south and I-75 to the west. Photographs taken during site reconnaissance are presented in **CSER-Appendix G**.

Historic Land Use Summary

A summary of our historic aerial photograph review, including the years and sources reviewed are provided in the following table. Copies of the 1952, 1960, 1975, 1985, 1995 and 2006 aerial photographs are included in **CSER-Appendix E**.

Table 5		
Year	Comment	Source
1952	Woods and rangeland Offsite was generally surrounded by similar land	University of Florida
1960	No significant visible changes noted	Earth Resources Observation Systems (EROS)
1975	No significant visible changes noted Offsite: man-made ponds apparent east and southeast	FDOT Survey and Mapping
1985	No significant visible changes noted Offsite: I-75 apparent west, residences apparent west	FDOT Survey and Mapping
1995	WIM Stations apparent Offsite: man-made ponds apparent east	FDOT Survey and Mapping
1998-1999	No significant visible changes noted	Google Earth
2004-2008	No significant visible changes noted	FDOT Survey and Mapping Google Earth
2010	No significant visible changes noted	Google Earth
2012-2016	No significant visible changes noted	Google Earth and FDOT Survey and Mapping

The U.S.G.S. 7.5-Minute “Punta Gorda, Florida” topographic map published in 1957 and photorevised in 1987 was reviewed. NB-WIM Rest Area Alternative is depicted in white shading indicating undeveloped land. No buildings or structures are depicted onsite. A copy of the map is included in **CSER-Appendix D**.

Regulatory Review

Based on the information obtained from the EDM regulatory database report, no listings/registrations were identified onsite or near the Rest Area Alternative.

Risk Rating

Based on the lack of contamination concerns, NB-WIM is given a potential risk rating of “No.”

6.0 Conclusions and Recommendations

6.1 Conclusions

The following table provides a summary of the risk rating for each Rest Area considered as part of this project:

Preferred Rest Area	Risk Rating	Comment
SB-2	No	Based on the historic and current uses as pastureland, SB-2 is given a contamination risk rating of "No."
NB-2B	No	Based on the lack of contamination concerns, NB-2B is given a contamination risk rating of "No."
Rest Area Alternative	Risk Rating	Comment
NB-2	No	Based on the lack of contamination concerns, NB-2 is given a contamination risk rating of "No."
SB-WIM	No	Based on the lack of contamination concerns, SB-WIM is given a contamination risk rating of "No."
NB-WIM	No	Based on the lack of contamination concerns, NB-WIM is given a contamination risk rating of "No."

6.2 Recommendations

Based on the findings of the study and the risk ratings assigned to each site, the following recommendation is made for this project:

- All of the Rest Area Alternatives are rated "No" for potential contamination and no further action is planned or recommended. These sites have been thoroughly evaluated and determined not to have any potential contamination risk to the project. Based on the "No" rating for each of the sites, no Level II testing is recommended.

7.0 References

- Aerial photographs of Charlotte County
 - Charlotte County Property Appraiser website
 - Charlotte County Interactive Mapping
 - FDOT Survey & Mapping APLUS www.dot.state.fl.us/surveyingandmapping/
 - University of Florida, Map & Imagery Library <http://web.uflib.ufl.edu/maps/>
 - USGS EROS Center <http://earthexplorer.usgs.gov/>
 - Google Earth www.google.com/earth/
- Environmental Data Report, Environmental Data Management, Inc., Largo, Florida
- FDEP, Map Direct <http://ca.dep.state.fl.us/mapdirect/>
- FDEP, OCULUS Document Management System <http://depdms.dep.state.fl.us/Oculus/>
- FDEP, Hazardous Waste Facilities Search and Reporting
- FDEP, Solid Waste Facility Inventory Report
- FDEP, Storage Tank/Contaminated Facility (STCF) Search
- FDOT Chapter 22, PD&E Manual
- EPA, Envirofacts, Multi-system Database Search www.epa.gov/enviro/
- EPA, Florida's National Priority List (NPL) Superfund Sites www.epa.gov/region4/superfund/
- USDA, NRCS Soil Survey of Charlotte County, Florida
- USDA, NRCS Web Soil Survey <http://websoilsurvey.sc.egov.usda.gov/>
- USGS, Topographic Map

8.0 Limitations

Site access was occasionally limited to off-site boundary review due to site accessibility (fences, gates, private property, etc.). This report reflects information obtained in the field and from noted resources at the time this report was completed. Additional information may become available or site-specific conditions may have changed since the time this report was prepared and should be considered prior to acquiring ROW and/or proceeding with roadway construction.

There exists a possibility that conditions may exist within the project study area that could not be identified or were not reasonably identifiable from the information available at the time the study was conducted. Information from other sources was obtained for the evaluation of each Rest Area Alternative and is believed to be accurate; however, Tierra does not warrant or guarantee the accuracy of any third party information.

The methodologies of this assessment generally follow accepted practices outlined in the FDOT PD&E Manual, Chapter 22 and are not intended to be used as contamination assessments, but rather to provide planners and design professionals with information regarding existing and potential environmental conditions that could affect each Rest Area Alternative.

CSER Appendix A

Potential Contaminated Sites Summary Table

POTENTIAL CONTAMINATION SITES SUMMARY TABLE

Site No. & Name*		Street Address	Type of Concern	Facility ID No.	Distance/Direction to nearest Rest Area Alternative	Site History, Regulatory Status and Comments
1	Charlotte County Public Safety Building	26581 Airport Rd, Punta Gorda	storage tanks	9809452	550 feet east of NB-2B	During the site reconnaissance, this facility was observed as the Charlotte County Public Safety Building. According to the Environmental Data Management, Inc. (EDM) report, one 3,800 gallon double-walled aboveground storage tank (AST) has been in operation at the site since May 2007. The tank stores diesel fuel and is associated with an emergency generator. The tank is located greater than 500 feet east of the nearest Preferred Rest Area Alternative (NB-2B). According to the Florida Department of Environmental Protection (FDEP) OCULUS database, this site was included in a compliance enforcement case that involved failure to conduct monthly release detection, failure to provide 30-day and 48-hour notification of installation activities, and failure to provide a release detection response level in writing in accordance with Rule 62-762 of the Florida Administrative Code. The complaint was settled in June 2008 by payment of a civil penalty. The most recent Annual Compliance Site Inspection Report by the FDEP dated 7/29/2014 noted the facility is 'in compliance.' No discharges to the soil or groundwater have been reported or confirmed for this facility. No staining or evidence of a discharge was observed during the site visit. Based on the considerable separation distance to the nearest Rest Area Alternative (NB-2B) and the lack of evidence of a discharge, this facility is not considered a contamination concern to the project.
2	Charlotte County Vehicle Maintenance	26571 Airport Rd, Punta Gorda	storage tanks	9809450	500 feet east of NB-2B	During the site reconnaissance, this facility was observed as the Charlotte County Vehicle Maintenance Building. According to the EDM report, one 5,000 gallon double-walled AST has been in operation at this site since June 2007. The tank stores diesel fuel and is associated with an emergency generator. The tank is located greater than 500 feet east of the nearest Preferred Rest Area Alternative (NB-2B). According to the FDEP OCULUS database, this site was included in a compliance enforcement case that involved failure to conduct monthly release detection, failure to provide 48-hour notification of installation activities, and failure to provide a release detection response level in writing in accordance with Rule 62-762 of the Florida Administrative Code. The complaint was settled in June 2008 by payment of a civil penalty. The most recent Annual Compliance Site Inspection Report by the FDEP dated 7/15/2015 noted the facility is 'in compliance.' No discharges to the soil or groundwater have been reported or confirmed for this facility. No staining or evidence of a discharge was observed during the site visit. Based on the considerable separation distance to the nearest Rest Area Alternative (NB-2B) and the lack of evidence of a discharge, this facility is not considered a contamination concern to the project.
3	McQueen Farm	SW corner of Airport Rd and I-75, Punta Gorda	solid waste	101002	1,800 feet west of SB-2	During the site reconnaissance, this facility was observed as open pasture land that included 3 contiguous ponds. According to information reviewed on the FDEP OCULUS database, an inspection of the site was completed in December 1989 in response to a complaint. The complaint involved unpermitted disposal of solid waste to land and water (land clearing debris and residential waste). The property owner stated that the debris was staged in the area so that it could be burned in the future. The FDEP confirmed that the owner held a burn permit and the case was closed in May 1991. No discharges to the soil or groundwater have been reported or confirmed for this facility. It is believed that the EDM report has plotted the general location of the McQueen Farm, which was included within the 1/8 mile screening buffer. The location of the inspection area is believed to be 1,800 feet west of the closest Preferred Rest Area Alternative (SB-2). Based on the considerable separation distance to the nearest Rest Area Alternative (SB-2) and the lack of evidence of a discharge, this facility is not considered a contamination concern to the project.
4	Millwood Manufacturing	26409 Airport Rd, Punta Gorda	RCRA site	FLR 000033522	175 feet northeast of NB-2B	During the site reconnaissance, this facility was observed as an approximate 6,000 square foot warehouse-type building approximately 175 feet northeast of Rest Area Alternative NB-2B. Tenants at the time of our site visit included McGinnis Bail Bonds and a pawn shop. According to information reviewed on the FDEP OCULUS database, Millwood Manufacturing applied for a hazardous waste identification number in August 1997. The application was necessary due to the use of solvents, which are a "listed" and "characteristic" hazardous waste. Millwood Manufacturing was not observed to be in operation during our site reconnaissance, no annual compliance inspection reports were found in the FDEP OCULUS database, and no reports of a discharge were filed. Based on the lack of evidence of a discharge, this facility is not considered a contamination concern to the project.

POTENTIAL CONTAMINATION SITES SUMMARY TABLE

Site No. & Name*		Street Address	Type of Concern	Facility ID No.	Distance/Direction to nearest Rest Area Alternative	Site History, Regulatory Status and Comments
5	Southbound Weigh-In-Motion Station	Southbound I-75, south of South Jones Loop Road	storage tanks	NA	Adjacent east of SB-WIM	During the site reconnaissance, this facility was observed as a truck weighing station. Semi-trucks were observed entering and exiting throughout the time of our site reconnaissance. Two separate structures were observed onsite, an office building located on the central portion and a larger warehouse-type structure presumably used for storage and daily operations located on the northern portion. An approximately 300-gallon water tank was observed on the southwest portion of the property. Grassy drainage areas were observed onsite as well. One emergency generator with a fuel storage tank was observed on the northeast portion of the property. No discharges or staining associated with this emergency generator was observed. Due to the size of the fuel storage tank (less than 550-gallons) this tank was not listed in the EDM regulatory report or MapDirect database. Based on the lack of evidence of a discharge, this facility is not considered a contamination concern to the project.
6	Northbound Weigh-In-Motion Station	Northbound I-75, south of South Jones Loop Road	storage tanks	NA	Adjacent west of NB-WIM	During the site reconnaissance, this facility was observed as a truck weighing station. Semi-trucks were observed entering and exiting throughout the time of our site reconnaissance. Two separate structures were observed onsite, an office building located on the central portion and a larger warehouse-type structure presumably used for storage and daily operations located on the southern portion. Grassy drainage areas were observed onsite as well. One emergency generator with a fuel storage tank was observed on the northwest portion of the property. No discharges or staining associated with this emergency generator was observed. Due to the size of the fuel storage tank (less than 550-gallons) this tank was not listed in the EDM regulatory report or MapDirect database. Based on the lack of evidence of a discharge, this facility is not considered a contamination concern to the project.

NOTES:

* **Site Names and locations** are presented on a recent aerial photograph in CSER-Appendix B

AST = Above Ground Storage Tank
 UST = Underground Storage Tank
 LUST = Leaking Underground Storage Tank
 FDEP = Florida Department of Environmental Protection
 EPA = United States Environmental Protection Agency
 FAC ID = Facility ID (per FDEP)
 ROW = Right of Way
 RCRA = Resource Conservation and Recovery Act

CSER Appendix B

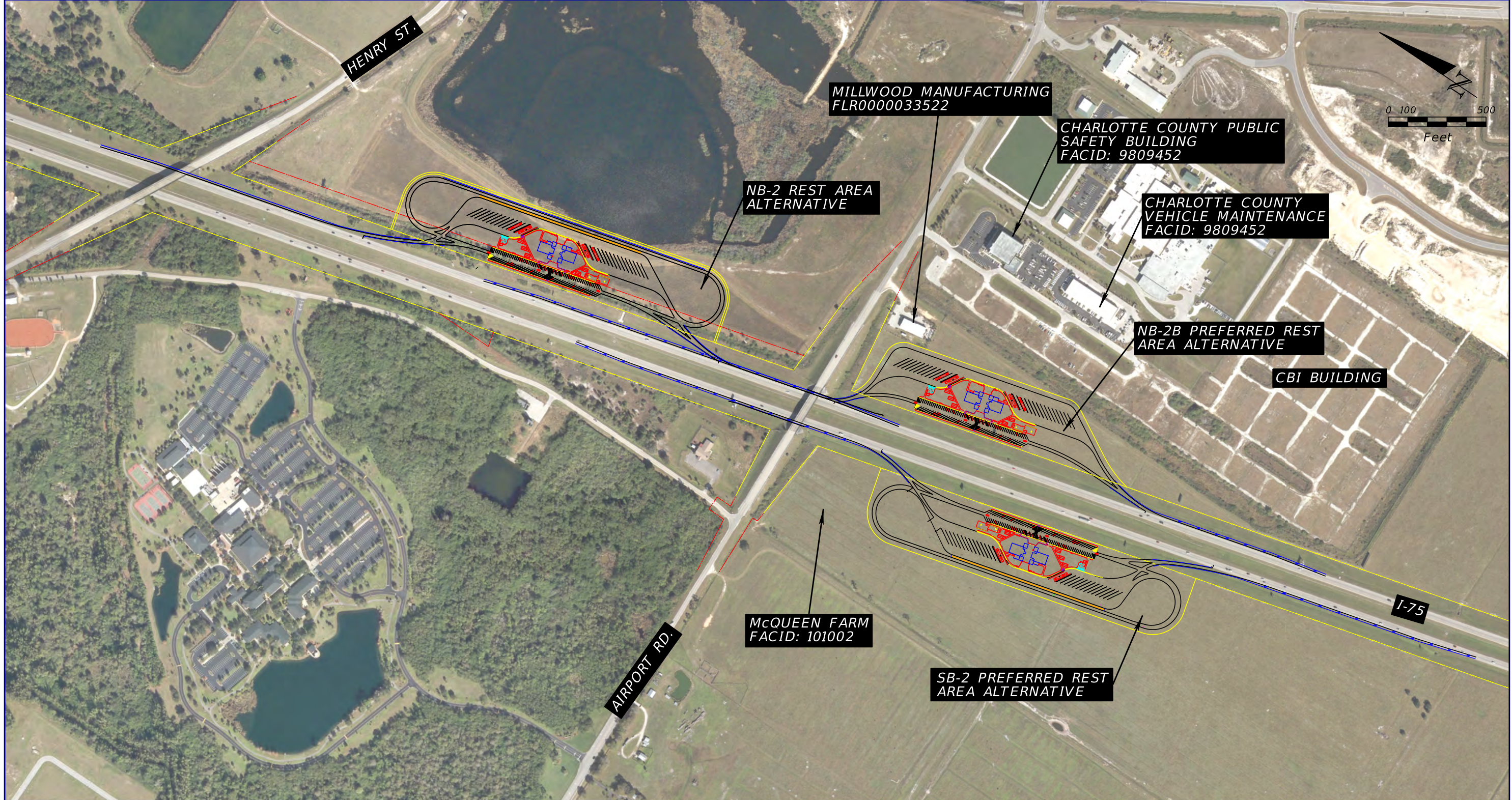
Project Location Map



PROJECT LOCATION MAP

SOURCE: FDOT SURVEY AND MAPPING DATED 2014

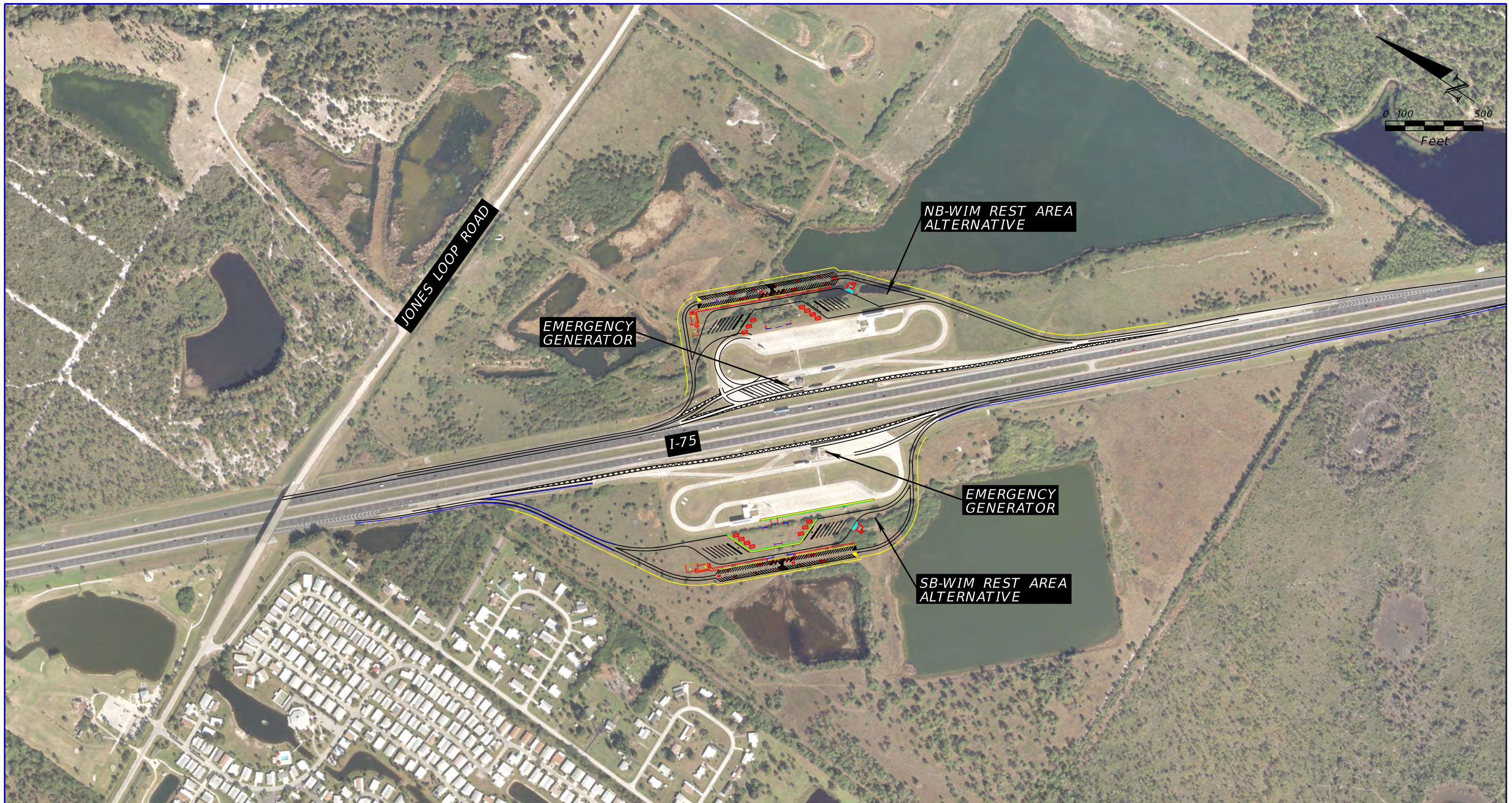
REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. B-1
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	I-75	CHARLOTTE	436602-1-22-01	



SITE LOCATION MAP

SOURCE: FDOT SURVEY AND MAPPING DATED 2014

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. B-2
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	1-75	CHARLOTTE	436602-1-22-01		
TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486								



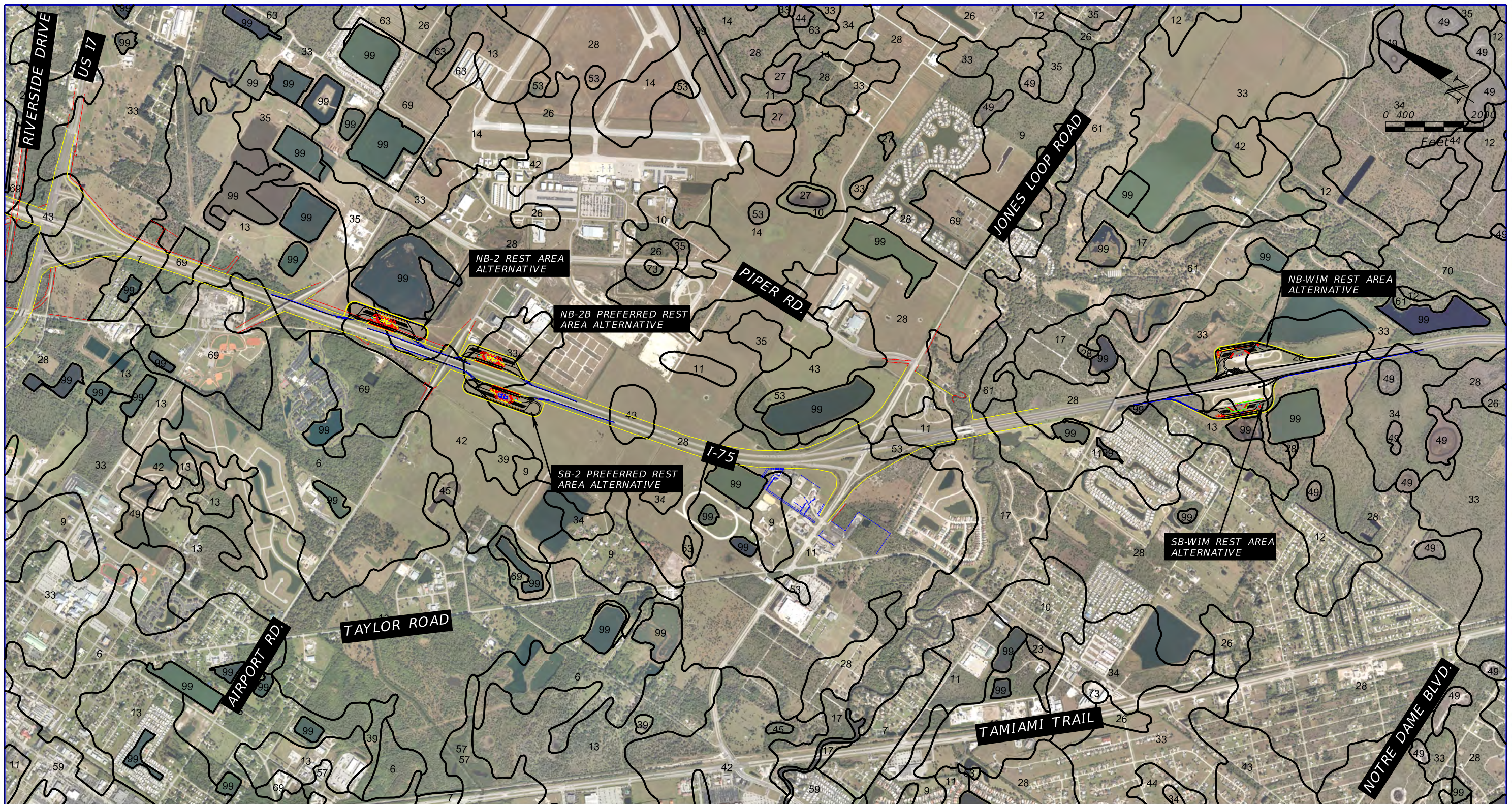
SITE LOCATION MAP

SOURCE: FDOT SURVEY AND MAPPING DATED 2014

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. B-3
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	I-75	CHARLOTTE	436602-1-22-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				

CSER Appendix C

NRCS Soil Map



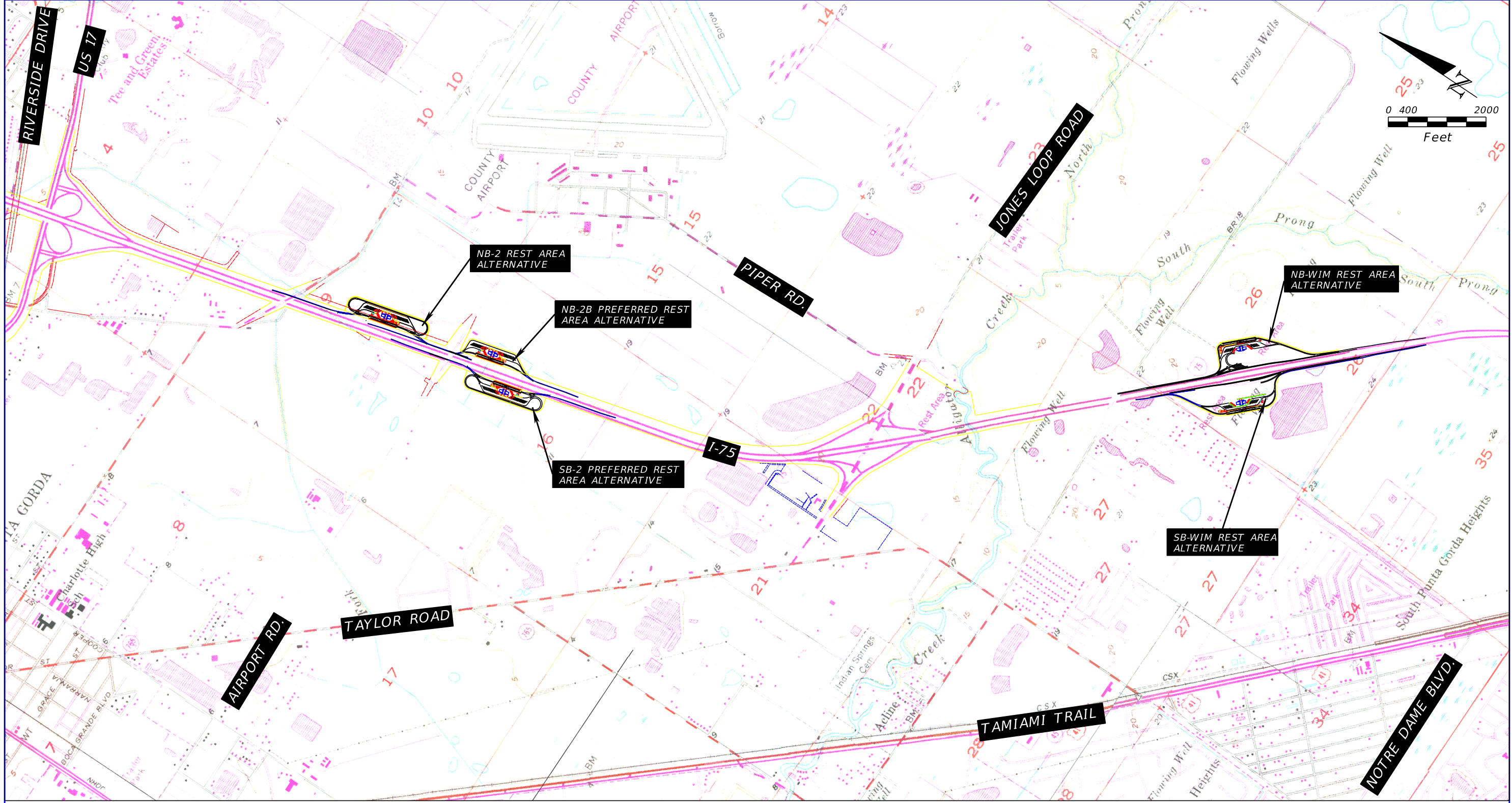
NRCS SOIL MAP

SOURCE: FDOT SURVEY AND MAPPING DATED 2014

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. C-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					I-75	CHARLOTTE	436602-1-22-01		

CSER Appendix D

USGS Topographic Map



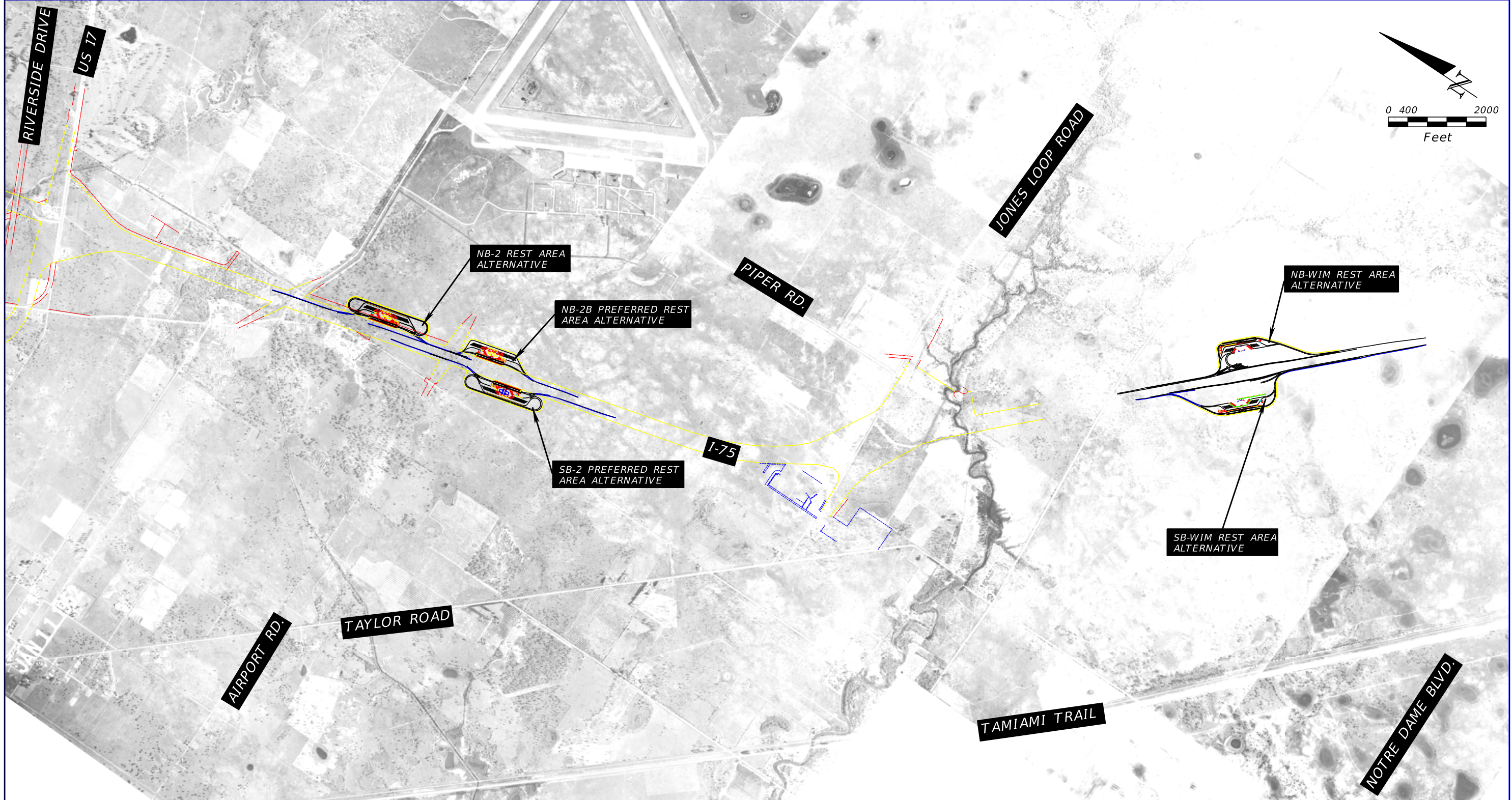
USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "PUNTA GORDA, FLORIDA" DATED 1957, (PHOTOREVISED 1987)

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. D-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					I-75	CHARLOTTE	436602-1-22-01		

CSER Appendix E

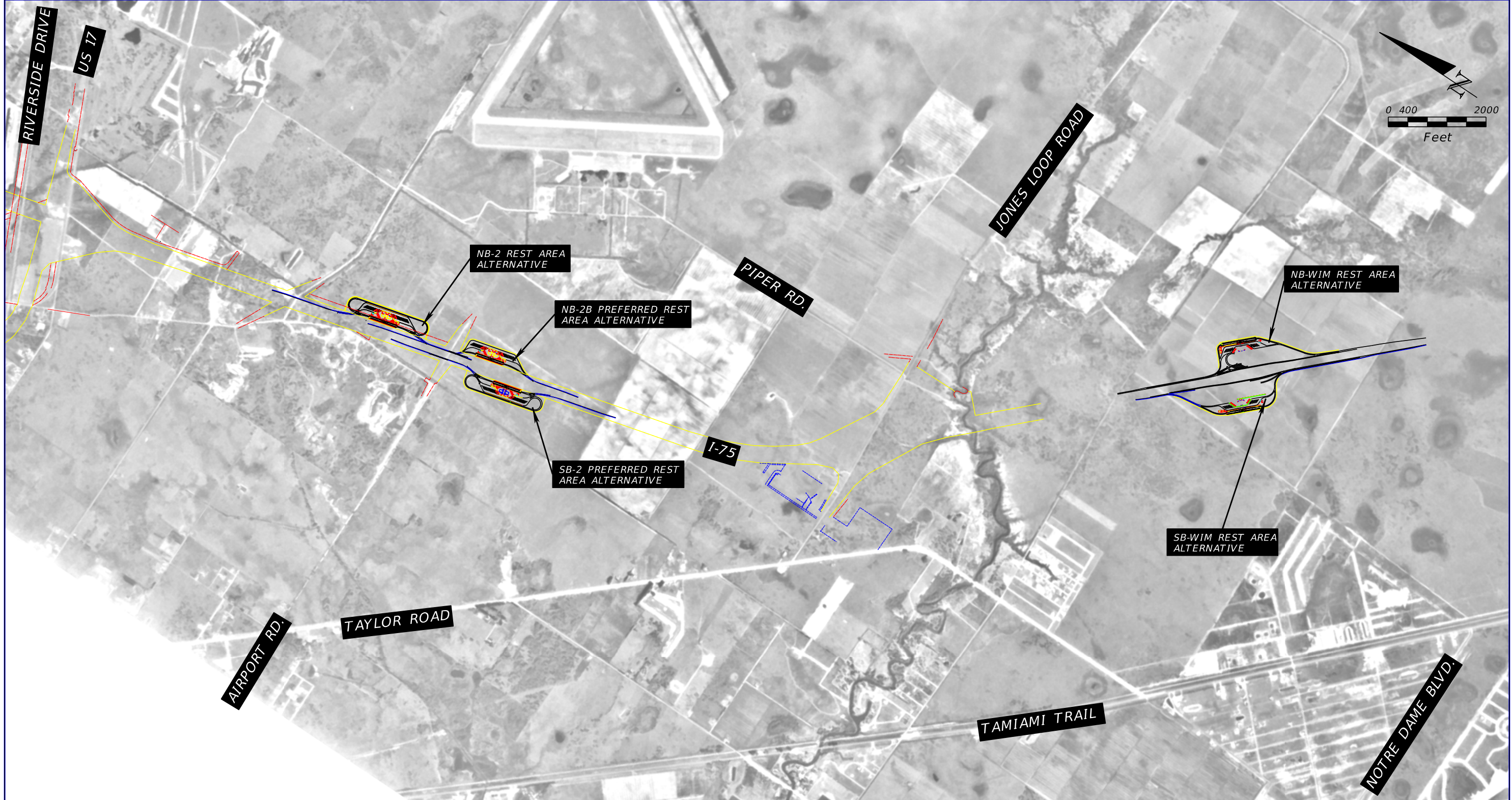
Historical Aerial Photographs



1952 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

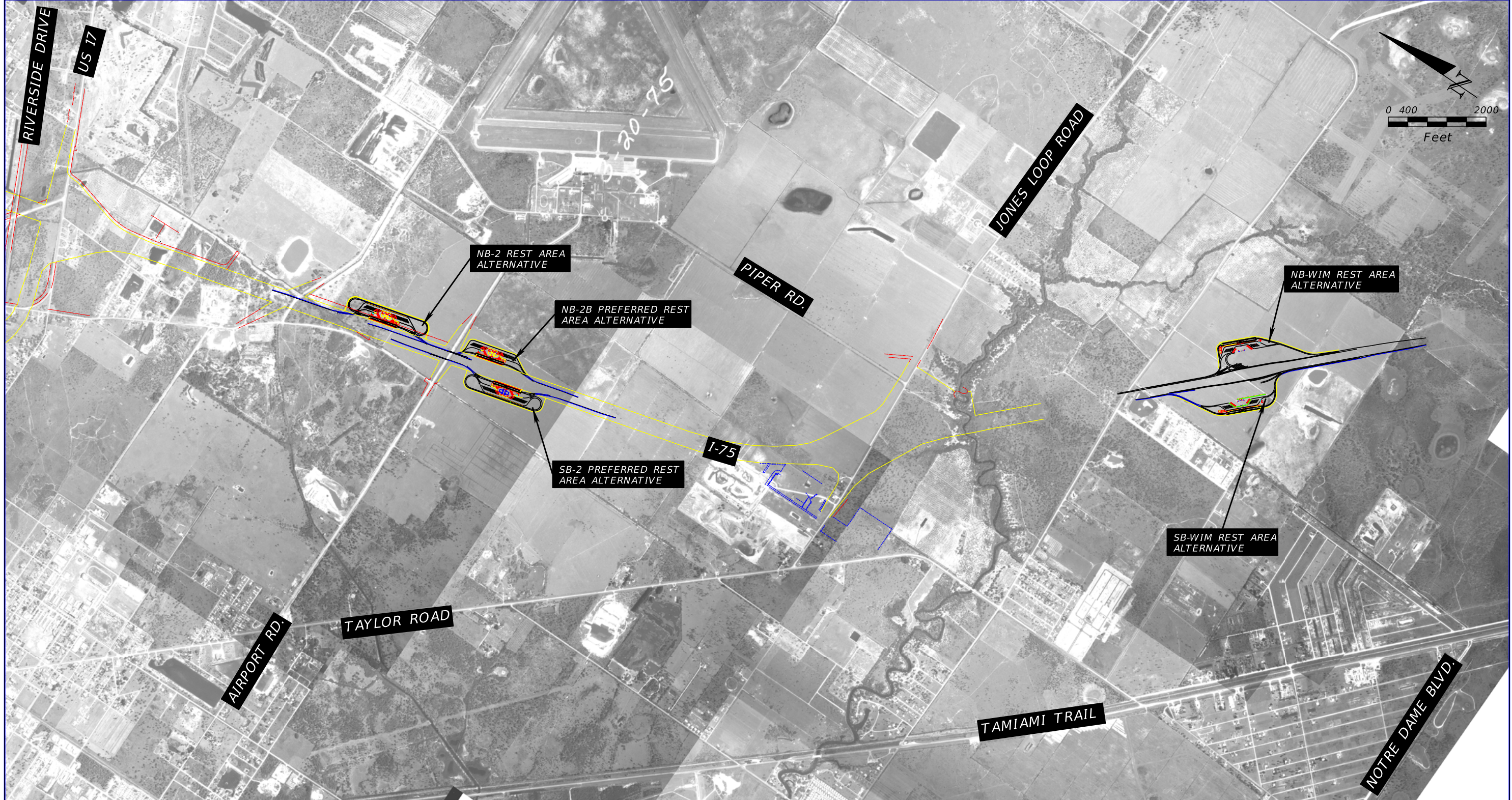
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. E-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	I-75	CHARLOTTE	436602-1-22-01			



1960 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: EARTH RESOURCE OBSERVATION AND SCIENCE (EROS) CENTER

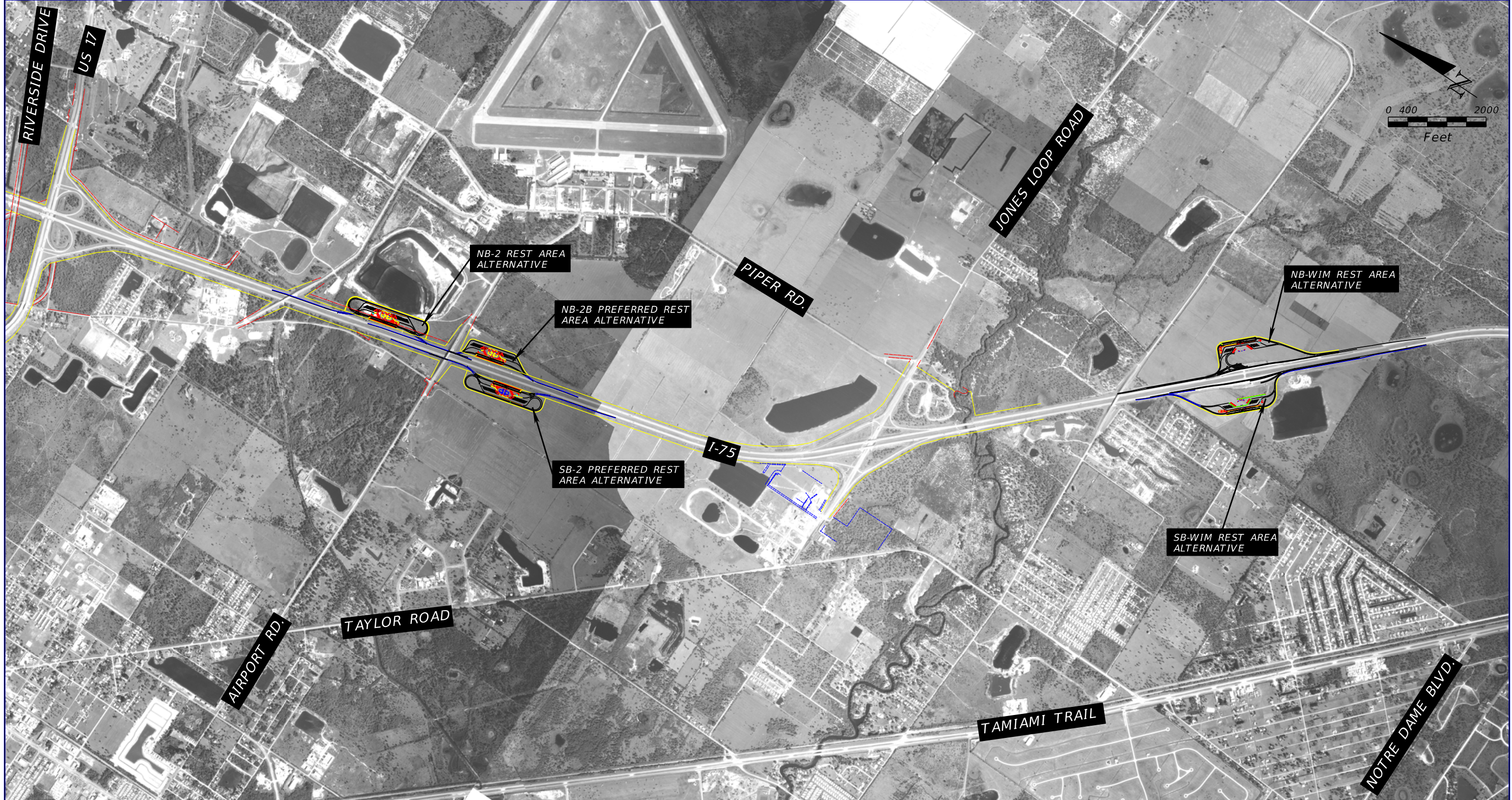
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						I-75	CHARLOTTE		436602-1-22-01



1975 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

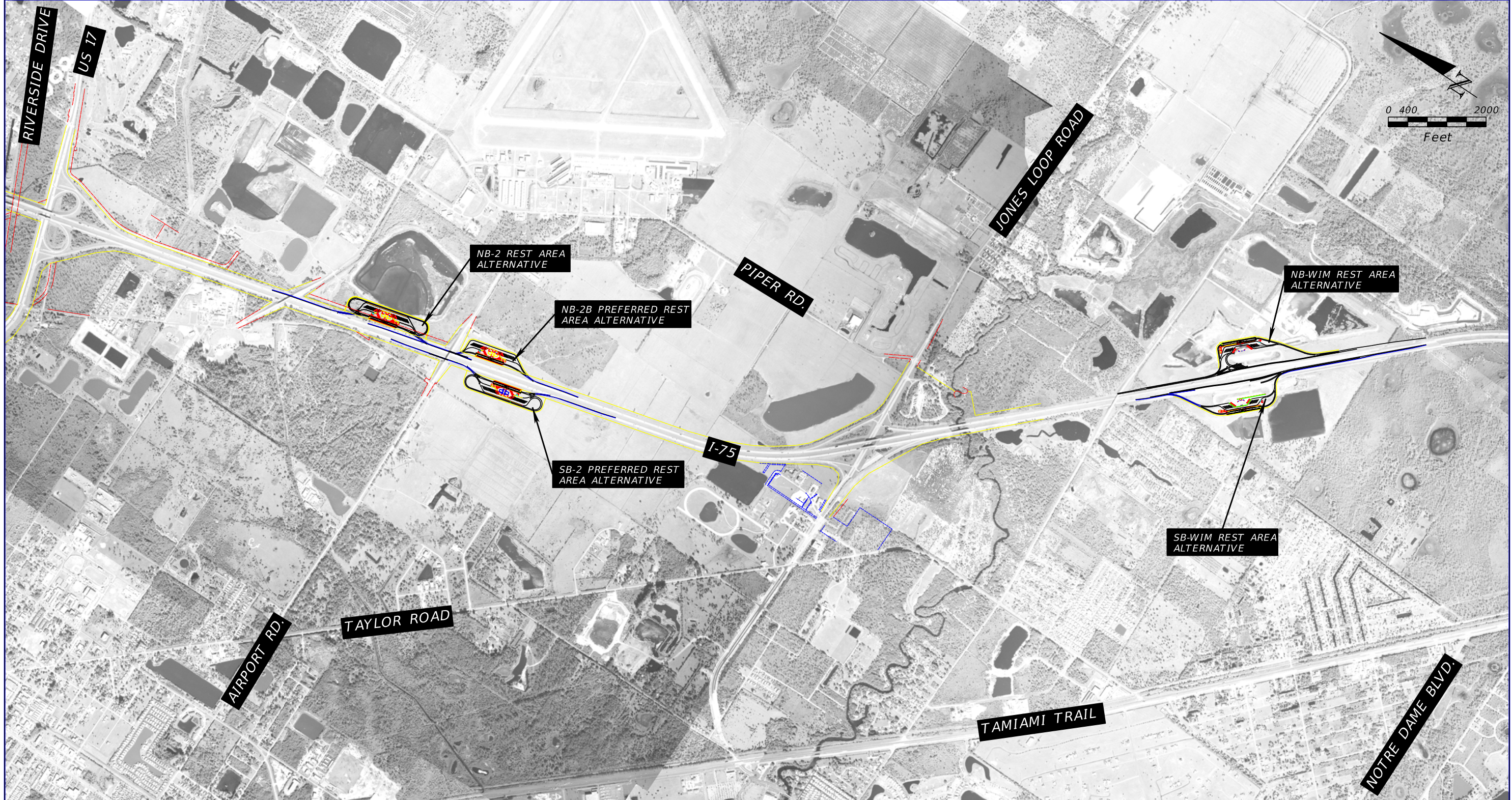
REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. E-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	I-75	CHARLOTTE	436602-1-22-01			



1985 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

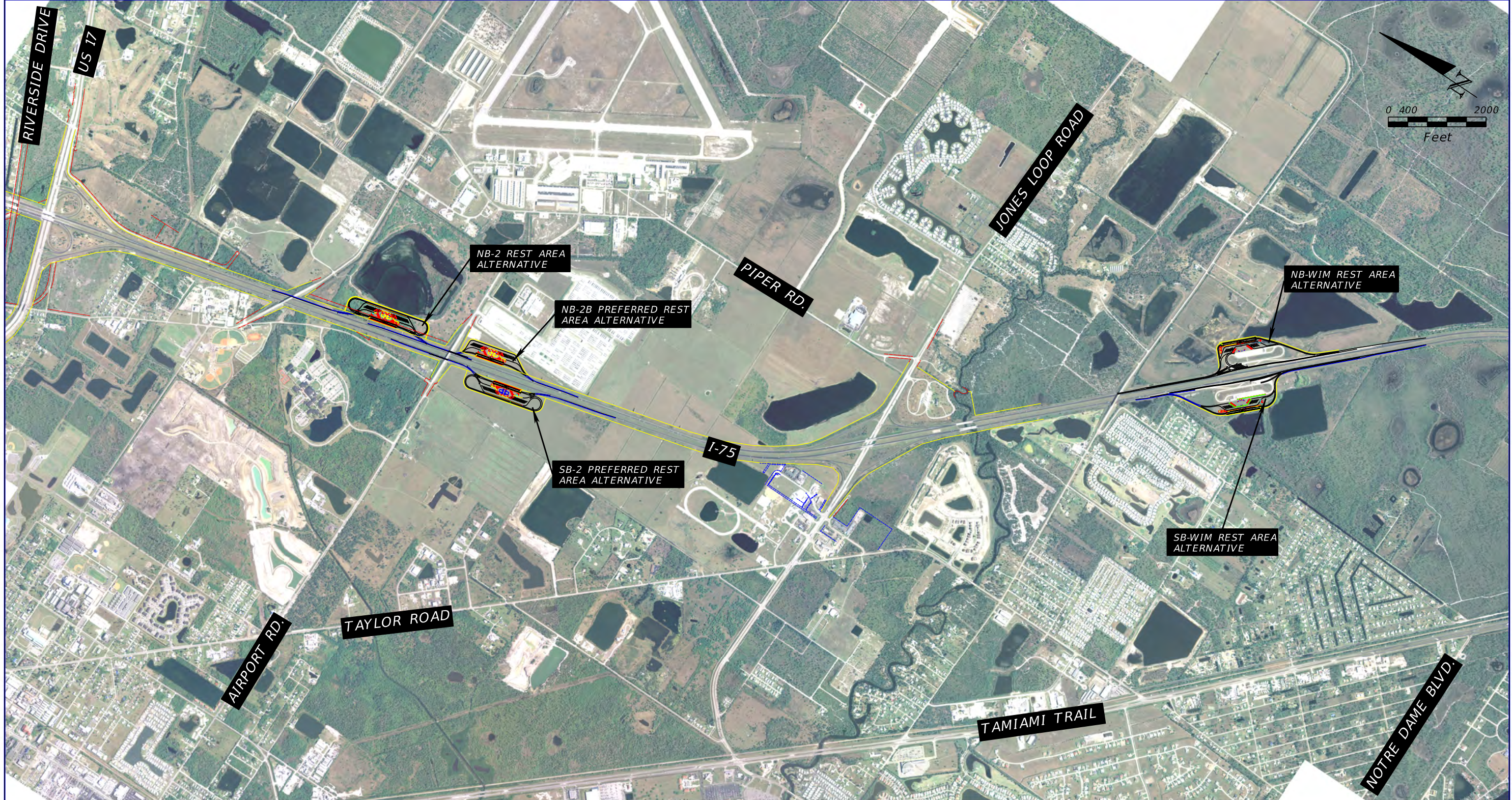
REVISIONS		TIERRA, INC.		STATE OF FLORIDA			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	7351 TEMPLE TERRACE HIGHWAY	CHARLOTTE	436602-1-22-01	E-4	
			CERTIFICATE OF AUTHORIZATION 6486	TAMPA, FLORIDA 33637				



1995 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. E-5
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	I-75	CHARLOTTE	436602-1-22-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				



2006 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			I-75 (SR 93) REST AREA PD&E STUDY	SHEET NO. E-6
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-15-115E	I-75	CHARLOTTE	436602-1-22-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				

CSER Appendix F

Environmental Database Reports

Environmental Data Report

Basic 1/8 Mile Research

I-75 (SR 93) Rest Area PD&E Study
North Rest Areas
Charlotte County, Florida

Prepared For:

Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Prepared By:



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

March 30, 2016



March 30, 2016

Michael Bair
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Basic 1/8 Mile Research - EDM Project #23271**

Dear Mr. Bair

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:

**I-75 (SR 93) Rest Area PD&E Study
North Rest Areas
Charlotte County, Florida**

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

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

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

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

ENVIRONMENTAL DATA MANAGEMENT, INC.

Executive Summary

Client Information	Project Information
Tierra Inc 7351 Temple Terrace Hwy Tampa FL 33637 Client Job No: 6511-15-115E Client P.O. No:	Basic 1/8 Mile Research I-75 (SR 93) Rest Area PD&E Study North Rest Areas Charlotte County, Florida EDM Job No# 23271

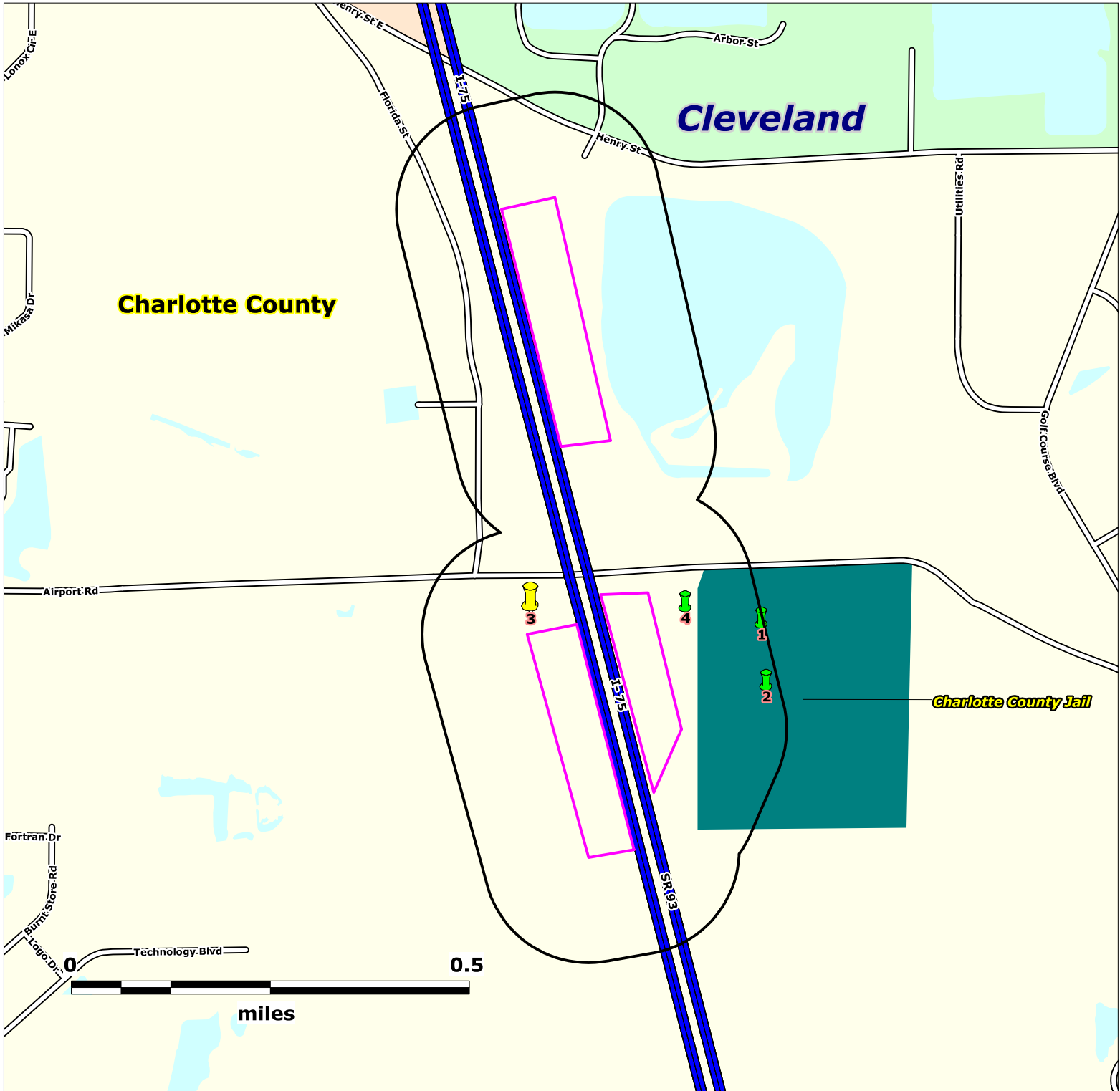
The following table displays the databases that were included in the research provided, the respective search distance for each database and the number of records identified for each database. The distance values indicated are measured from the centroid of the Subject Property. The absence of records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

	# Found
EPA DATABASES	
National Priorities List(NPL)	0
Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)	0
Archived Cerclis Sites(NFRAP)	0
Emergency Response Notification System List(ERNS)	0
RCRIS Handlers with Corrective Action(CORRACTS)	0
RCRA-Treatment, Storage and/or Disposal Sites(TSD)	0
RCRA-LQG,SQG,CESQG and Transporters(NONTSD)	1
Tribal Tanks List(TRIBLTANKS)	0
Tribal Lust List(TRIBLLUST)	0
Brownfields Management System(USBRWNFLDS)	0
Institutional and/or Engineering Controls(USINSTENG)	0
FDEP DATABASES	
State NPL Equivalent(STNPL)	0
State CERCLIS Equivalent(STCERC)	0
Solid Waste Facilities List(SLDWST)	1
Leaking Underground Storage Tanks List(LUST)	0
Underground/Aboveground Storage Tanks(TANKS)	2
State Designated Brownfields(BRWNFLDS)	0
Voluntary Cleanup List(VOLCLNUP)	0
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. Additionally, limitations exist in mapping data detail and accuracy. 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 in conjunction with other relevant information to direct your attention at potential problem areas; which should be followed up by site inspections, interviews with relevant personnel and regulatory file review. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. The EDM Service Request Form contains more detailed language with regard to such limitations, the terms of which the reader must accept in their entirety before utilizing this report. If the signed contract is not available to the reader, EDM will gladly furnish a copy upon request. Requests via email authorization are construed to be in accordance with these terms.





Source: US Census Bureau TIGER Files

Map Scale and Property Boundaries are Approximate

Subject Property

I-75 (SR 93) Rest Area PD&E Study
North Rest Areas
Charlotte County, Florida

EDM Job No: 23271
March 30, 2016

Approximate Site Boundary



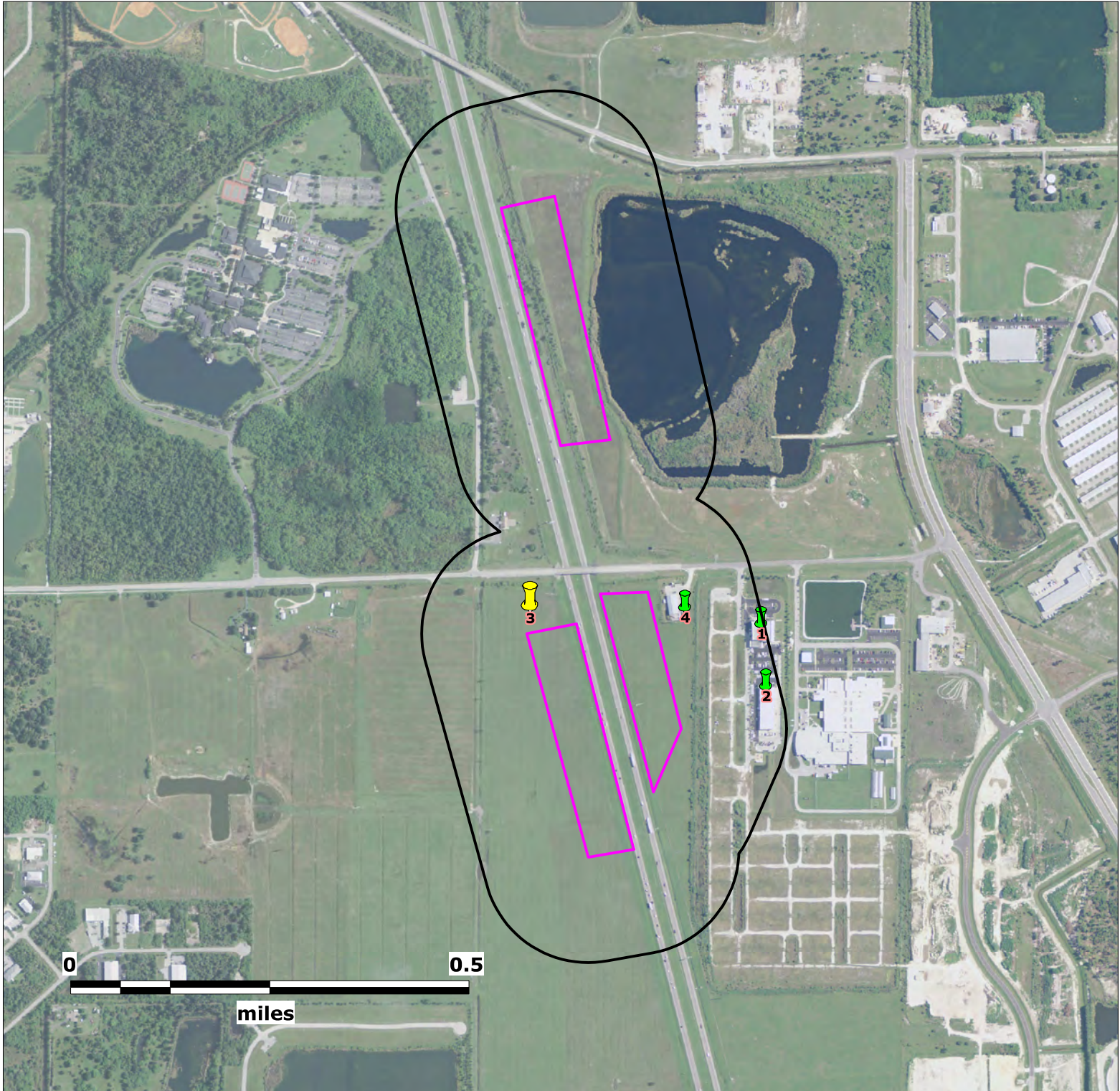
NPL, STNPL, CORRACTS
& TSD sites



CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites



ERNS, NONTSD, TANKS
& INSTENG sites



Source: USDA National Agriculture Imagery Program (NAIP)

Map Scale and Property Boundaries are Approximate

Subject Property

I-75 (SR 93) Rest Area PD&E Study
North Rest Areas
Charlotte County, Florida

EDM Job No: 23271
March 30, 2016

Approximate Site Boundary



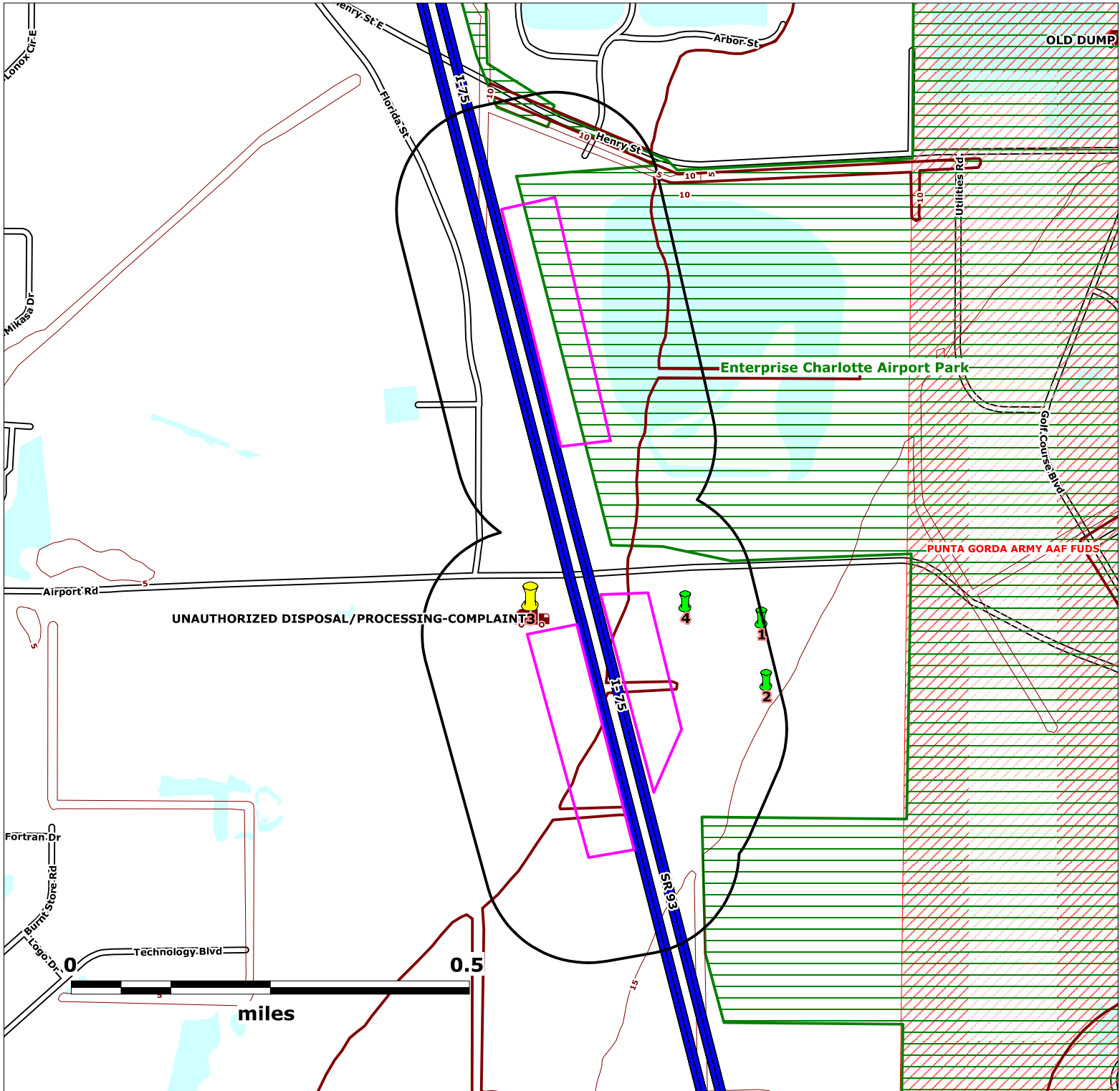
NPL, STNPL, CORRACTS
& TSD sites



CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites



ERNS, NONTSD, TANKS
& INSTENG sites



Source: FDEP and USEPA Geodata

Map Scale and Property Boundaries are Approximate

Subject Property

I-75 (SR 93) Rest Area PD&E Study
North Rest Areas
Charlotte County, Florida

EDM Job No: 23271
March 30, 2016

	FDEP Brownfield Areas		Formerly Used Defense Sites FUDS		Approximate Site Boundary
	FDEP Brownfield Sites		FUDS Munitions Response Areas		NPL, STNPL, CORRACTS & TSD sites
	USEPA NPL & FDEP STNPL Sites		FDEP Cattle Dipping Vat		CERCLIS, NFRAP, STCERC, SLDWST, LUST, BRWNFLDS, VOLCLNUP & DRY sites
	FDEP Delineated GW Contamination		FDEP Solid Waste Sites		ERNS, NONTSD, TANKS & INSTENG sites

ENVIRONMENTAL DATA MANAGEMENT

Basic 1/8 Mile Research

Report Date: 3/30/2016

SUMMARY TABLE

Page 1 of 1

MAPID# FAC ID, NAME AND LOCATION		REGULATORY LISTS																			
		N P L	C E R C L I S	N F R A P	E R N S	C O R R A C T S	T S D	N O N T S D	T R I B U T A N K S	T R I B U T I O N S	U S E R I E S	U S E R I E S	S T E M S	S T E M S	S L D W T	L U S T	T A N K S	B R W N F L D S	V O L U M E S	I N T E N S I T Y	D R Y
1)	9809452 CHARLOTTE CNTY-PUBLIC SAFETY BLDG 26581 AIRPORT RD PUNTA GORDA, FL. 33982															X					
2)	9809450 CHARLOTTE CNTY-VEHICLE MAINT FAC 26571 AIRPORT RD PUNTA GORDA, FL. 33982															X					
3)	00101002 MCQUEEN FARM SW CORNER OF AIRPORT RD AND I-75 PUNTA GORDA, FL. 33950													X							
4)	FLR000033522 MILLWOOD MANUFACTURING 26409 AIRPORT RD PUNTA GORDA, FL. 339822489						X														



FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 3/30/2016

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

9809452
CHARLOTTE CNTY-PUBLIC SAFETY BLDG
26581 AIRPORT RD
PUNTA GORDA, FL 33982

OWNERSHIP INFORMATION:

CHARLOTTE CNTY BD OF CNTY
18500 MURDOCK CIRCLE - BLDG D A
PORT CHARLOTTE, FL 33948
CONTACT TEL #: (941) 575-3662
CONTACT: CNTY ADMINISTRATOR / PH:
FACILITY TEL #: (941) 743-1315

MAP ID NUMBER:

Dist (Miles):
Direction:

1

T
A
N
K
S

COUNTY ID: 8 **FAC TYPE:** County Government **FAC STATUS:** OPEN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...):
1	3800	01-May-2007	Emerg Generator Diesel	ABOVEGROUND	IN SERVICE 01-May-2007
**	CONSTR TYPE: CIP	PIPING TYPE: X	LEAK MONIT TYPE: FQR		

See "Agency List Descriptions" Section for Code Definitions



FDEP STORAGE TANKS REPORT

(TANKS)

Report Date: 3/30/2016

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

9809450
CHARLOTTE CNTY-VEHICLE MAINT FAC
26571 AIRPORT RD
PUNTA GORDA, FL 33982

OWNERSHIP INFORMATION:

CHARLOTTE CNTY BD OF CNTY
18500 MURDOCK CIRCLE - BLDG D A
PORT CHARLOTTE, FL 33948
CONTACT TEL #: (941) 575-3662
CONTACT: CNTY ADMINISTRATOR / PH:
FACILITY TEL #: (941) 833-5670

MAP ID NUMBER:

2

Dist (Miles):

Direction:

T
A
N
K
S

COUNTY ID: 8 **FAC TYPE:** County Government

FAC STATUS: OPEN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...):
1	5000	01-Jun-2007	Emerg Generator Diesel	ABOVEGROUND	IN SERVICE 01-Jun-2007

** **CONSTR TYPE:** CMPRX **PIPING TYPE:** ABD **LEAK MONIT TYPE:** 6FQR

See "Agency List Descriptions" Section for Code Definitions



FDEP SOLID WASTE FACILITIES LIST

(SLDWST)

Report Date: 3/30/2016

SLDWST Page 1 of 1

FACILITY ID, NAME AND LOCATION:

00101002
MCQUEEN FARM
SW CORNER OF AIRPORT RD AND I-75
PUNTA GORDA, FL 33950

RESPONSIBLE AUTHORITY:

LAND OWNER:

MAP ID NUMBER:

Dist (Miles):

Direction:

3

S
L
D
W
S
T

SEC/TWN/RNG: //

FACILITY CLASS: 595 UNAUTHORIZED DISPOSAL/PROCESSING-COMPLAINT

CLASS STATUS: NOT YET DETERMINED (D)



USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION (RCRAInfo)

(NONTSD)

Report Date: 3/30/2016

NONTSD Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION:

FLR000033522
MILLWOOD MANUFACTURING
26409 AIRPORT RD
PUNTA GORDA, FL 339822489

CONTACT INFORMATION:

26409 AIRPORT RD
PUNTA GORDA FL 33982-2489
Contact: GARY MILLWOD
Contact Telephone: 9415058047
Contact Email:

MAP ID NUMBER:

Dist (Miles):
Direction:

4

N
O
N
T
S
D

RCRIS INFORMATION

NOTIFICATION DATE: 3/22/2006 SOURCE: NOTIFICATION

TSD?: NOT A TSD, VERIFIED
GEN STATUS(Fed): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
MIXED WSTE GEN?: NO
IMPORTER?: NO
OFFSITE RECPT?:
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
XFER FAC?:
SHRT TRM GEN?:
RECYCLER?: NO
NON-NOTIFIER?:

UNIV WST DEST?: NO
ON SITE BURNER?: NO
FURNACE?: NO
UNDGRND INJ?: NO UNDERGROUND INJECTI
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO
UO MRKT BRN?: NO
UO SPEC MRKT?: NO

NOTIFICATION DATE: 3/22/2006 SOURCE: INSPECTION

TSD?: NOT A TSD, VERIFIED
GEN STATUS(Fed): NOT A GENERATOR-VERIFIED
GEN STATUS(State): NOT A GENERATOR-VERIFIED
MIXED WSTE GEN?: N
IMPORTER?: N
OFFSITE RECPT?: N
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
XFER FAC?: N
SHRT TRM GEN?: N
RECYCLER?: N
NON-NOTIFIER?:

UNIV WST DEST?: N
ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECTI
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS?: N
UO XFER?: N
UO MRKT BRN?: N
UO SPEC MRKT?: N

NOTIFICATION DATE: 3/22/2006 SOURCE: INSPECTION

TSD?: NOT A TSD, VERIFIED
GEN STATUS(Fed): NOT A GENERATOR-VERIFIED
GEN STATUS(State): NOT A GENERATOR-VERIFIED
MIXED WSTE GEN?: N
IMPORTER?: N
OFFSITE RECPT?: N
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
XFER FAC?: N
SHRT TRM GEN?: N
RECYCLER?: N
NON-NOTIFIER?:

UNIV WST DEST?: N
ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECTI
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS?: N
UO XFER?: N
UO MRKT BRN?: N
UO SPEC MRKT?: N

NOTIFICATION DATE: 8/14/1997 SOURCE: NOTIFICATION

TSD?: NOT A TSD, VERIFIED
GEN STATUS(Fed): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
MIXED WSTE GEN?: N
IMPORTER?: N
OFFSITE RECPT?: N
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
XFER FAC?: N
SHRT TRM GEN?: N
RECYCLER?: N
NON-NOTIFIER?:

UNIV WST DEST?: N
ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECTI
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS?: N
UO XFER?: N
UO MRKT BRN?: N
UO SPEC MRKT?: N



USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION (RCRAInfo)

(NONTSD)

Report Date: 3/30/2016

NONTSD Page 2 of 2

NOTIFICATION DATE: 8/14/1997 **SOURCE:** NOTIFICATION

TSD?: NOT A TSD,VERIFIED
GEN STATUS(Fed): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
MIXED WSTE GEN?: N
IMPORTER?: N
OFFSITE RECPT?: N
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
XFER FAC?: N
SHRT TRM GEN?: N
RECYCLER?: N
NON-NOTIFIER?:

UNIV WST DEST?: N
ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECTI
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS?: N
UO XFER?: N
UO MRKT BRN?: N
UO SPEC MRKT?: N

NOTIFICATION DATE: 8/14/1997 **SOURCE:** INSPECTION

TSD?: NOT A TSD,VERIFIED
GEN STATUS(Fed): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
MIXED WSTE GEN?: NO
IMPORTER?: NO
OFFSITE RECPT?:
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
XFER FAC?: NO
SHRT TRM GEN?:
RECYCLER?: NO
NON-NOTIFIER?:

UNIV WST DEST?: NO
ON SITE BURNER?: NO
FURNACE?: NO
UNDGRND INJ?: NO UNDERGROUND INJECTI
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO
UO MRKT BRN?: NO
UO SPEC MRKT?: NO

VIOLATION INFO



PROXIMAL RECORDS TABLE

Report Date: 3/30/2016

The Proximal Records Table includes mapped facilities that appear outside of the study area, but in the proximity of the research boundary. They are provided in a summary fashion to allow one to determine potential interest.

Generally, these sites may be of potential interest for three reasons:

- 1.) The location occurs so close to the research boundary that it merits inclusion in the evaluation.
- 2.) The site may be expansive with regard to the property boundary. The physical address of a landfill for example may occur outside of the research boundary, but the landfill boundary may extend into the research area. Large industrial complexes may also fall into this category.
- 3.) The U.S. Census Bureau data, from which our maps are created, is not always precise with regard to address information. A facility may therefore appear on the map outside of the research area, but actually fall within the research area. These inaccuracies are typically less than 500 feet. If you observe any such inaccuracies, we ask that you please notify us of the more precise location and we will use this information to improve our product.

If more specific information relative to one or more locations included in the Proximal Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.

PROXIMAL RECORDS



Copyright © 1990-2016 Environmental Data Management, Inc.

For further information please contact us at 800-368-7376

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

ENVIRONMENTAL DATA MANAGEMENT

Basic 1/8 Mile Research

PROXIMAL RECORDS TABLE

Report Date: 3/30/2016

Page 1 of 1

REGULATORY LISTS

	N P L	C E R C L I S	N E F R A P	E R N S	C O R R A C T S	T S D	N O N T S D	T R I B U T A N K S	T R I B U T E S	U S B R W F L D S	U S I N S T E N G	S T N P L	S T C E W R C	S L D W T	L U S T	T A N K S	B R W N F L D S	V O L C A N O	I N T E N S I T Y	D R Y
1A) 9814722 CHENEY BROTHERS, INC. 1 CHENEY WAY PUNTA GORDA, FL. 33982																X				
2A) 9809746 CHARLOTTE CNTY BOCC-CNTY JAIL 26601 AIRPORT RD PUNTA GORDA, FL. 33982																X				
3A) 8626527 D M CONSTRUCTION CORP 3801 E HENRY ST PUNTA GORDA, FL. 33982																X				



NONMAPPED RECORDS TABLE

Report Date: 3/30/2016

The Non-Mapped Records Table is a listing of database records that lack sufficient address information to be placed within our mapping system, but may exist within your study area. These records have been manually screened to determine whether they could likely fall within the study area or can be conclusively identified as existing outside of the study area. Those records that could be located within the study area, but cannot be plotted within our GIS, are displayed in the Non-Mapped Records Table within this report.

If more specific information relative to one or more locations included in the Non-Mapped Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.

NONMAPPED RECORDS



Copyright © 1990-2016 Environmental Data Management, Inc.

For further information please contact us at 800-368-7376

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

ENVIRONMENTAL DATA MANAGEMENT

Basic 1/8 Mile Research

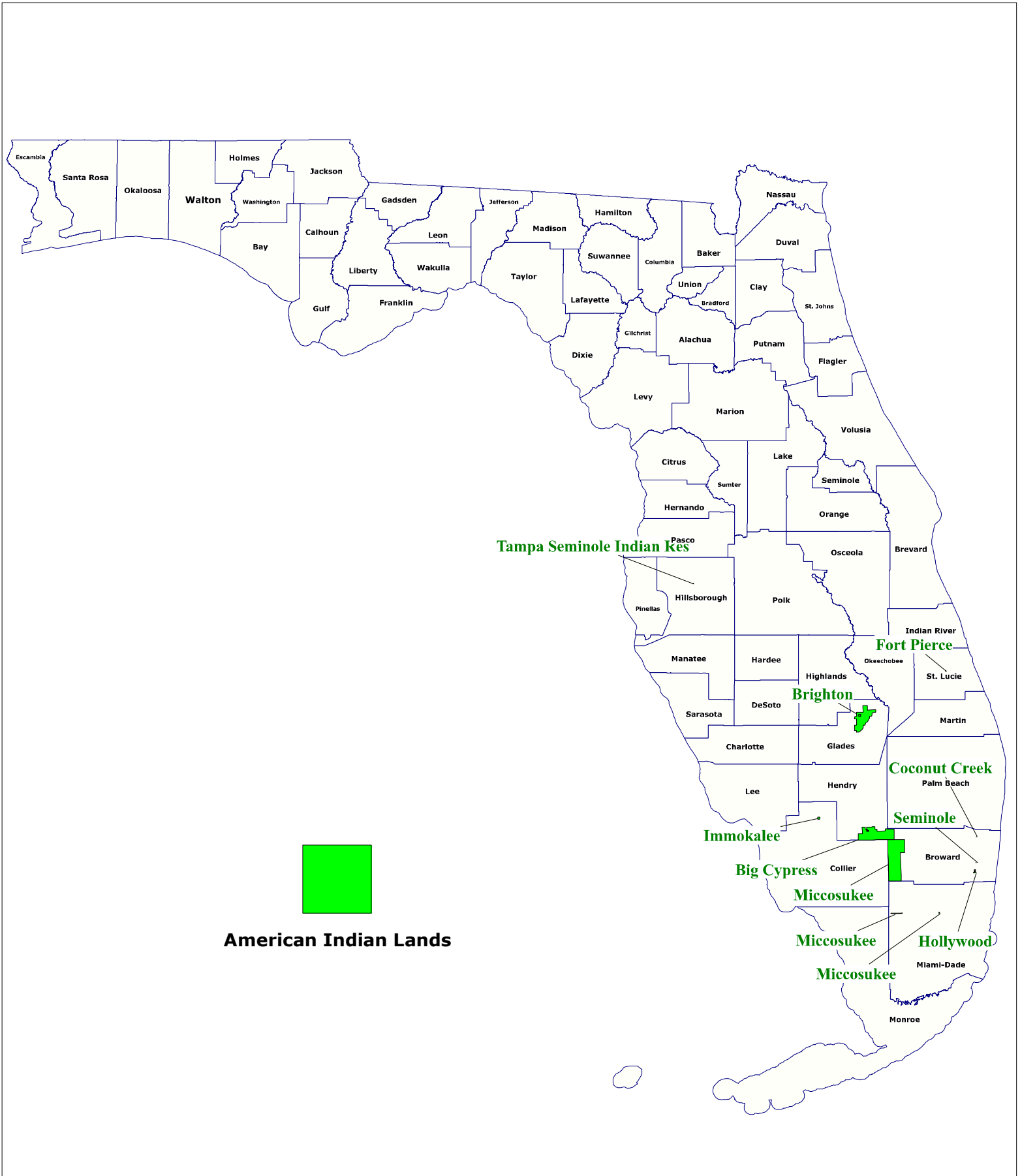
NON-MAPPED RECORDS TABLE

Report Date: 3/30/2016

Page 1 of 1

	REGULATORY LISTS																		
MAPID# FAC ID, NAME AND LOCATION	N P L	C E R C L I S	N E F R A P	E R N S	C O R R A C T S	T S D	N O N T S D	T R I B U T E S	T R I B U T E S	U S B R W F L D S	U S I N S T E N G	S T N P L	S T C E W R C	S L D W T	L U S T	T A N K S	B R O W N F L D S	V O L U N T E E R S	I N D U S T R Y





American Indian Lands in Florida

Name	Entity	County	General Location Information	Approx. Area (Acres)
Tampa Reservation	Seminole Tribe of Florida	Hillsborough	I-4 & Hillsborough Avenue	42
Fort Pierce Reservation	Seminole Tribe of Florida	Saint Lucie	Okeechobee Rd & Eleven Mile Rd	54
Brighton Reservation	Seminole Tribe of Florida	Glades	N of CR 721 & SR 78	36,630
Immokalee Reservation	Seminole Tribe of Florida	Collier	N of CR 846 & Stockade Rd	660
Big Cypress Reservation	Seminole Tribe of Florida	Hendry/Broward	CR 833 & BIA Hwy 182	52,750
Miccosukee Reservation	Miccosukee Tribe of Florida	Broward	I-75 & Government Rd	81,440
Miccosukee Reservation	Miccosukee Tribe of Florida	Dade	SW 8 th St & Loop Rd	750
Miccosukee Reservation	Miccosukee Tribe of Florida	Dade	SW 177 th Ave & SW 8 th St	56
Holly (Dania) Reservation	Seminole Tribe of Florida	Broward	Stirling Rd & Florida's turnpike	560
Coconut Creek Reservation	Seminole Tribe of Florida	Broward	US 441 & NW 40 th St	6
Seminole Trust Land	Seminole Tribe of Florida	Broward	US 441 & Davie Blvd	1

Florida Tribal Contacts

Entity	Contact	Tel/Fac	Source
Miccosukee Tribe of Florida	Billy Cypress Tribal Chairman Miccosukee Tribe of Indians of Florida iPost Office Box 440021 Miami, Florida 33144 County: Dade	Phone: (305) 223-8380 Facsimile: (305) 223-1011	EPA Reg IV Tribal Contacts
Miccosukee Tribe of Florida	Steve Terry Land Resources Manager Miccosukee Tribe of Indians of Florida Post Office Box 440021 Miami, Florida 33144 E-Mail: esoterry@shadow.net	Phone:(305) 223-8380 Facsimile: (305) 223-1011	EPA Reg IV Tribal Contacts
Miccosukee Tribe of Florida	Billy Cypress Chairman Miccosukee Indian Tribe Tamiami Station PO Box 440021 Miami, Florida 33144	Phone: (305) 223-8380 Facsimile: (305) 223-1011	US DOI - BIA Tribal Leaders Directory
Seminole Tribe of Florida	Mitchell Cypress Tribal Chairman Seminole Tribe of Florida 6300 Stirling Road Hollywood, Florida 33024 County: Broward	Phone: (954) 967-3900 Facsimile: (954) 967-3486	EPA Reg IV Tribal Contacts
Seminole Tribe of Florida	Craig T. Tepper , Director Water Resource Management Department Seminole Tribe of Florida 6300 Stirling Road Hollywood, Florida 33024 County: Broward E-Mail: water@gate.net	Phone: (954) 966-6300, extension 1120 Facsimile: (954) 967-3489	EPA Reg IV Tribal Contacts
Seminole Tribe of Florida	Susie Kippenberger , Director Utilities Department Seminole Tribe of Florida 6300 Stirling Road Hollywood, Florida 33024 County: Broward E- Mail: susiek@semtribe.com	Phone: (954) 966-3475 Facsimile: (954) 967-3475	EPA Reg IV Tribal Contacts
Seminole Tribe of Florida	Mitchell Cypress Chairman Seminole Indian Tribe 6300 Stirling Road Hollywood, Florida 33024 http://www.seminoletribe.com/	Phone: (954) 966-6300 Facsimile: (954) 967-3463	US DOI - BIA Tribal Leaders Directory
Seminole Tribe of Florida	Joe Frank, Acting Superintendent Seminole Agency Bureau of Indian Affairs 6100 Hollywood Blvd, Suite 206 Hollywood, FL 33024	Phone: (954) 983-1537 Facsimile: (954) 983-5018	US DOI - BIA Tribal Leaders Directory

Agency List Descriptions

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

United States Environmental Protection Agency (EPA)

Comprehensive Env Response, Compensation & Liability Information System 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 either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The CERCLIS database has been retired since 2013 and is being replaced by the Superfund Enterprise Management System (SEMS). This new system is not yet operational.

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: 2/9/2016

Received by EDM: 2/19/2016

EDM Database Updated: 2/19/2016

Emergency Response Notification System List(ERNS)

The Emergency Response Notification System (ERNS) database stores information on oil discharges and hazardous substance releases. The ERNS program is a cooperative data sharing effort among the EPA, DOT and the National Response Center (NRC), which currently provides access to this data.

Agency File Date: 12/31/2015

Received by EDM: 1/19/2016

EDM Database Updated: 1/19/2016

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 has been retired since 2013 and is being replaced by the Superfund Enterprise Management System (SEMS). This new system is not yet operational.

Agency File Date: 10/25/2013

Received by EDM: 2/18/2016

EDM Database Updated: 2/18/2016

RCRA-LQG,SQG,CESQG and Transporters(NONTSD)

The EDM NONTSD list is a subset of the US EPA RCRAInfo System and identifies facilities that generate and transport hazardous wastes. These facilities may be Large Quantity Generators (LQG), Small Quantity Generators (SQG), Conditionally Exempt SQG's (CESQG) as well as "Non-Notifiers" and "Non-Handlers".

Agency File Date: 12/9/2015

Received by EDM: 12/28/2015

EDM Database Updated: 12/28/2015

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. In addition to sites that are currently on the EPA NPL, the EDM database contains sites that have been Proposed, Withdrawn and Deleted from the list.

Agency File Date: 11/18/2015

Received by EDM: 11/18/2015

EDM Database Updated: 11/19/2015

Tribal LUST List(TRIBLLUST)

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

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

Tribal Tanks List(TRIBLTANKS)

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

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

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

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

Agency File Date: 12/9/2015

Received by EDM: 12/28/2015

EDM Database Updated: 12/28/2015

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: 12/30/2015

Received by EDM: 12/30/2015

EDM Database Updated: 1/4/2016

Institutional and/or Engineering Controls(USINSTENG)

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

Agency File Date: 11/18/2015

Received by EDM: 11/18/2015

EDM Database Updated: 11/19/2015

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 with signed rehabilitation agreements. 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: 2/5/2016

Received by EDM: 2/12/2016

EDM Database Updated: 2/12/2016

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: 12/8/2015

Received by EDM: 1/4/2016

EDM Database Updated: 1/4/2016

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: 12/1/2015

Received by EDM: 12/23/2015

EDM Database Updated: 12/24/2015

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: 1/12/2016

Received by EDM: 2/3/2016

EDM Database Updated: 2/3/2016

Solid Waste Facilities List(SLDWST)

The FDEP SLDWST list identifies locations that have been permitted to conduct solid waste handling activities including Landfills, Transfer Stations and sites handling Bio-Hazardous wastes. Sites listed with "##" after the Facility ID Number are historical locations, obtained from documents on record at local agencies.

Agency File Date: 2/17/2016

Received by EDM: 2/17/2016

EDM Database Updated: 2/18/2016

State CERCLIS 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 releases of hazardous substances.

Agency File Date: 12/27/2015

Received by EDM: 12/29/2015

EDM Database Updated: 12/29/2015

State NPL Equivalent(STNPL)

The FDEP SFAS list contains facilities and/or locations that have been identified by the FDEP as having known environmental contamination and are currently being addressed through State funded cleanup action.

Agency File Date: 12/30/2015

Received by EDM: 2/18/2016

EDM Database Updated: 2/18/2016

Underground/Aboveground Storage Tanks(TANKS)

The FDEP TANKS list contains sites with registered aboveground and/or underground storage tanks containing regulated petroleum products. Please refer to the "Explanation of Florida Tank Codes" insert to interpret tank construction, monitoring and piping codes.

Agency File Date: 2/3/2016

Received by EDM: 2/23/2016

EDM Database Updated: 2/25/2016

Voluntary Cleanup List(VOLCLNUP)

The VOLCLNUP List is derived from the FDEP Brownfields Site Rehabilitation Agreement (BSRA) database and the FDEP Office of Waste Cleanup Responsible Party Sites database. This list identifies those 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: 3/15/2016

Received by EDM: 3/15/2016

EDM Database Updated: 3/15/2016

EXPLANATION OF FLORIDA TANK CODES

CONSTRUCTION TYPE CODES

A = BALL CHECK VALVE
B = INTERNAL LINING
C = STEEL
D = UNKNOWN
E = FIBERGLASS
F = FIBERGLASS-CLAD STEEL
G = CATHODIC PROTECTION-SACRIFICIAL ANODE
H = CATHODIC PROTECTION -IMPRESSED CURRENT
I = DBL WALL/SINGLE MATERIAL
J = SYNTHETIC LINER IN TANK EXCAVATION
K = AST CONTAINMENT: CONCRETE /SYNTHETIC MATERIAL AREA
L = COMPARTMENTED
M = SPILL CONTAINMENT BUCKET
N = FLOW SHUT OFF
O = TIGHT FILL
P = LEVEL GAUGES, HI LEVEL ALARMS
Q = OTHER DER APPROVED PROTECTION METHOD
R = DBL WALL/DUAL MATERIAL/ (TANK "JACKET")
S = OTHER DEP APPROVED SECONDARY CONTAINMENT SYSTEM
T = SMALL USE TANK
U = FIELD ERECTED TANK
V = PIPELESS UST W/SECONDARY CONTAINMENT
W = BUILT ON SUPPORTS
X = CONCRETE
Y = POLYETHYLENE
Z = OTHER DEP APPROVED TANK MATERIAL

PIPING TYPE CODES

A = ABOVE GROUND-NO CONTACT W/SOIL
B = STEEL OR GALVANIZED METAL
C = FIBERGLASS
D = EXTERNAL PROTECTIVE COATING
E = CATHODIC PROTECTION (SACRIFICIAL ANODE/IMPRESSED CURRENT)
F = DBLWALL/SINGLE MATERIAL
G = SYNTHETIC OR BOX/TRENCH LINER
H = AIRPORT/SEAPORT HYDRANT SYSTEM
I = SUCTION PIPING SYSTEM
J = PRESSURIZED PIPING SYSTEM
K = DISPENSER LINERS
L = BULK PRODUCT SYSTEM
M = DOUBLE WALL / DUAL MATERIAL (PIPE "JACKET")
N = APPROVED SYNTHETIC MATERIAL
O = SEVERE VIOLATION
P = INTERNAL PIPING WITHIN INTERNAL SUMP RISER
V = VIOLATION
X = NO PIPING ASSOCIATED WITH TANK
Y = UNKNOWN
Z = OTHER DEP APPROVED PIPING MATERIAL

LEAK MONITORING CODES

1 = CONTINUOUS ELECTRONIC SENSING EQUIPMENT
2 = VISUAL INSPECTIONS OF PIPING SUMPS
3 = ELECTRONIC MONITORING OF PIPING SUMPS
4 = VISUAL INSPECTIONS OF DISPENSING LINERS
5 = ELECTRONIC MONITORING OF DISPENSER LINERS
6 = EXTERNAL PIPING MONITORING
7 = AUTOMATICALLY SAMPLED WELLS
8 = MANUALLY SAMPLED WELLS
A = SITE SUITABILITY PLAN
B = SITE SUITABILITY PLAN EXEMPTION
C = GROUNDWATER MONITOR PLAN
D = SPCC PLAN
E = INTERSTITIAL MONITORING UST LINERS
F = INTERSTITIAL SPACE-DOUBLE WALL TANK
G = ELECTRONIC LINE LEAK DETECTOR W/FLOW SHUTOFF
H = MECHANICAL LINE LEAK DETECTOR
I = NOT REQUIRED-SEE RULE FOR EXEMPTIONS
J = INTERSTITIAL MONITORING-PIPING LINER
K = INTERSTITIAL MONITORING- DOUBLE WALL PIPING
L = AUTOMATIC TANK GAUGING SYSTEM (USTS)
M = MANUAL TANK GAUGING SYSTEM (USTS)
N = GROUNDWATER MONITORING SYSTEM
O = VAPOR MONITORING SYSTEM
P = VAPOR MONITORING W/DILUTION PROCEDURES
Q = VISUAL INSPECTION OF AST SYSTEMS
R = INTERSTITIAL MONITORING OF TANK BOTTOM
S = STATISTICAL INVENTORY RECONCILIATION (SIR/USTS)
T = ANNUAL TIGHTNESS TEST WITH INVENTORY (UST)
U = BULK PIPING PRESSURE TEST
V = SUCTION PUMP CHECK VALVE
W = FIBER-OPTIC TECHNOLOGIES
X = NONE
Y = UNKNOWN
Z = OTHER DEP APPROVED MONITORING METHOD

Environmental Data Report

Basic 1/8 Mile Research

I-75 (SR 93) Rest Area PD&E Study
South Rest Areas
Charlotte County, Florida

Prepared For:

Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Prepared By:



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

March 30, 2016



March 30, 2016

Michael Bair
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Basic 1/8 Mile Research - EDM Project #23272**

Dear Mr. Bair

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:

I-75 (SR 93) Rest Area PD&E Study
South Rest Areas
Charlotte County, Florida

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

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

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

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

ENVIRONMENTAL DATA MANAGEMENT, INC.

Executive Summary

Client Information	Project Information
Tierra Inc 7351 Temple Terrace Hwy Tampa FL 33637 Client Job No: 6511-15-115E Client P.O. No:	Basic 1/8 Mile Research I-75 (SR 93) Rest Area PD&E Study South Rest Areas Charlotte County, Florida EDM Job No# 23272

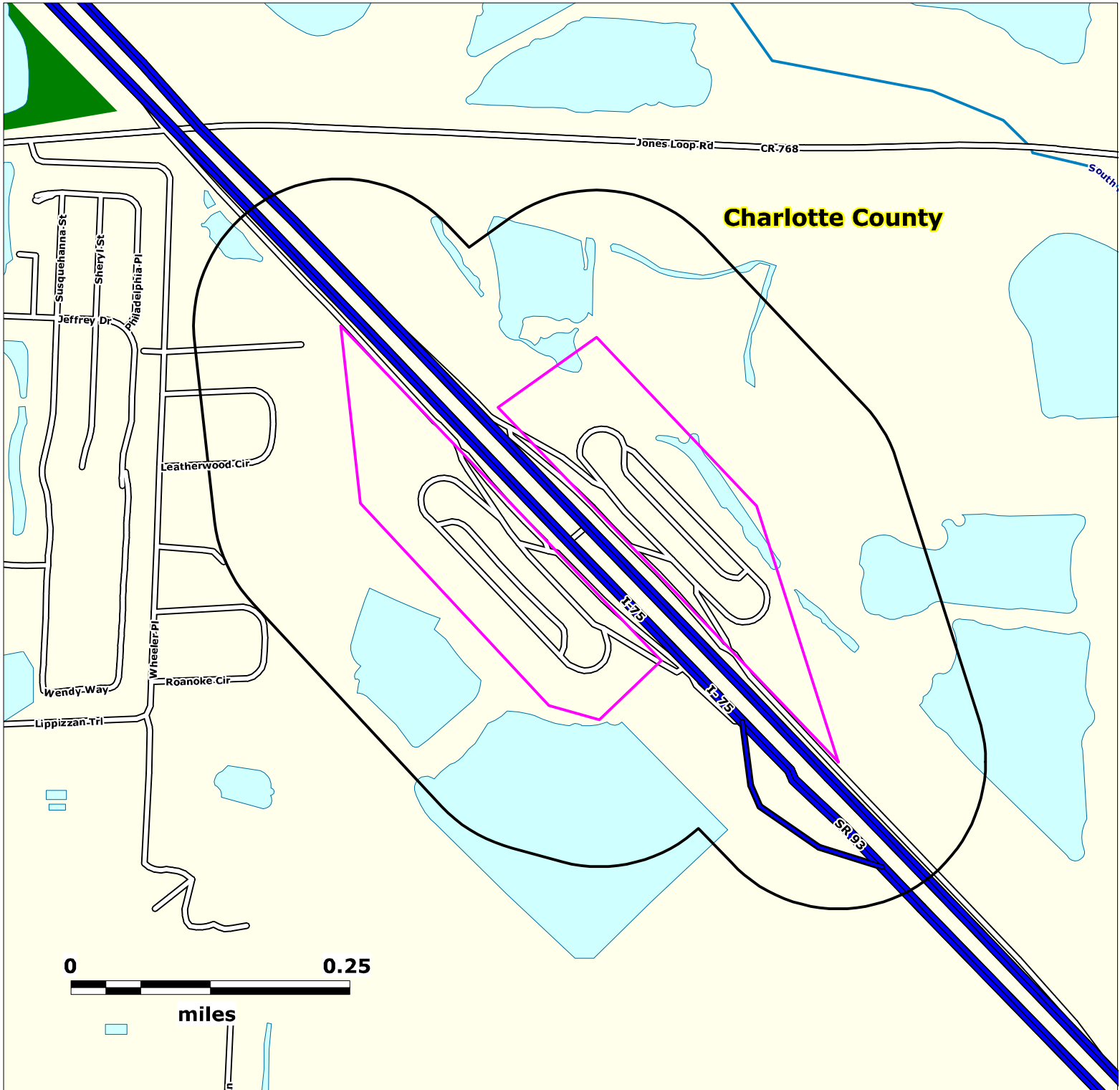
The following table displays the databases that were included in the research provided, the respective search distance for each database and the number of records identified for each database. The distance values indicated are measured from the centroid of the Subject Property. The absence of records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

	# Found
EPA DATABASES	
National Priorities List(NPL)	0
Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)	0
Archived Cerclis Sites(NFRAP)	0
Emergency Response Notification System List(ERNS)	0
RCRIS Handlers with Corrective Action(CORRACTS)	0
RCRA-Treatment, Storage and/or Disposal Sites(TSD)	0
RCRA-LQG,SQG,CESQG and Transporters(NONTSD)	0
Tribal Tanks List(TRIBLTANKS)	0
Tribal Lust List(TRIBLLUST)	0
Brownfields Management System(USBRWNFLDS)	0
Institutional and/or Engineering Controls(USINSTENG)	0
FDEP DATABASES	
State NPL Equivalent(STNPL)	0
State CERCLIS Equivalent(STCERC)	0
Solid Waste Facilities List(SLDWST)	0
Leaking Underground Storage Tanks List(LUST)	0
Underground/Aboveground Storage Tanks(TANKS)	0
State Designated Brownfields(BRWNFLDS)	0
Voluntary Cleanup List(VOLCLNUP)	0
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. Additionally, limitations exist in mapping data detail and accuracy. 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 in conjunction with other relevant information to direct your attention at potential problem areas; which should be followed up by site inspections, interviews with relevant personnel and regulatory file review. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. The EDM Service Request Form contains more detailed language with regard to such limitations, the terms of which the reader must accept in their entirety before utilizing this report. If the signed contract is not available to the reader, EDM will gladly furnish a copy upon request. Requests via email authorization are construed to be in accordance with these terms.





Source: US Census Bureau TIGER Files

Map Scale and Property Boundaries are Approximate

Subject Property

I-75 (SR 93) Rest Area PD&E Study
South Rest Areas
Charlotte County, Florida

EDM Job No: 23272
March 30, 2016

Approximate Site Boundary



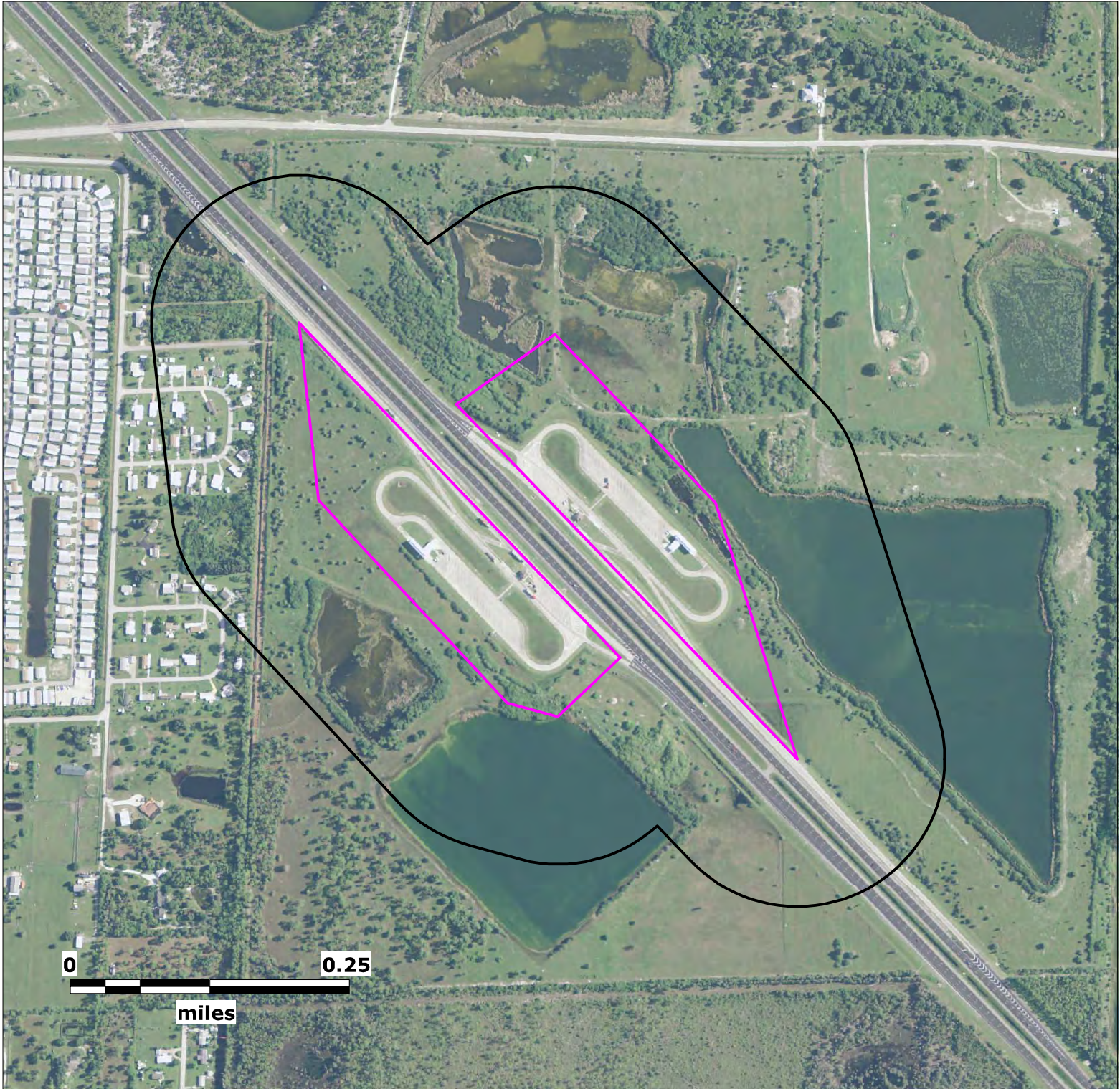
NPL, STNPL, CORRACTS
& TSD sites



CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites



ERNS, NONTSD, TANKS
& INSTENG sites



Source: USDA National Agriculture Imagery Program (NAIP)

Map Scale and Property Boundaries are Approximate

Subject Property

I-75 (SR 93) Rest Area PD&E Study
South Rest Areas
Charlotte County, Florida

EDM Job No: 23272
March 30, 2016

Approximate Site Boundary



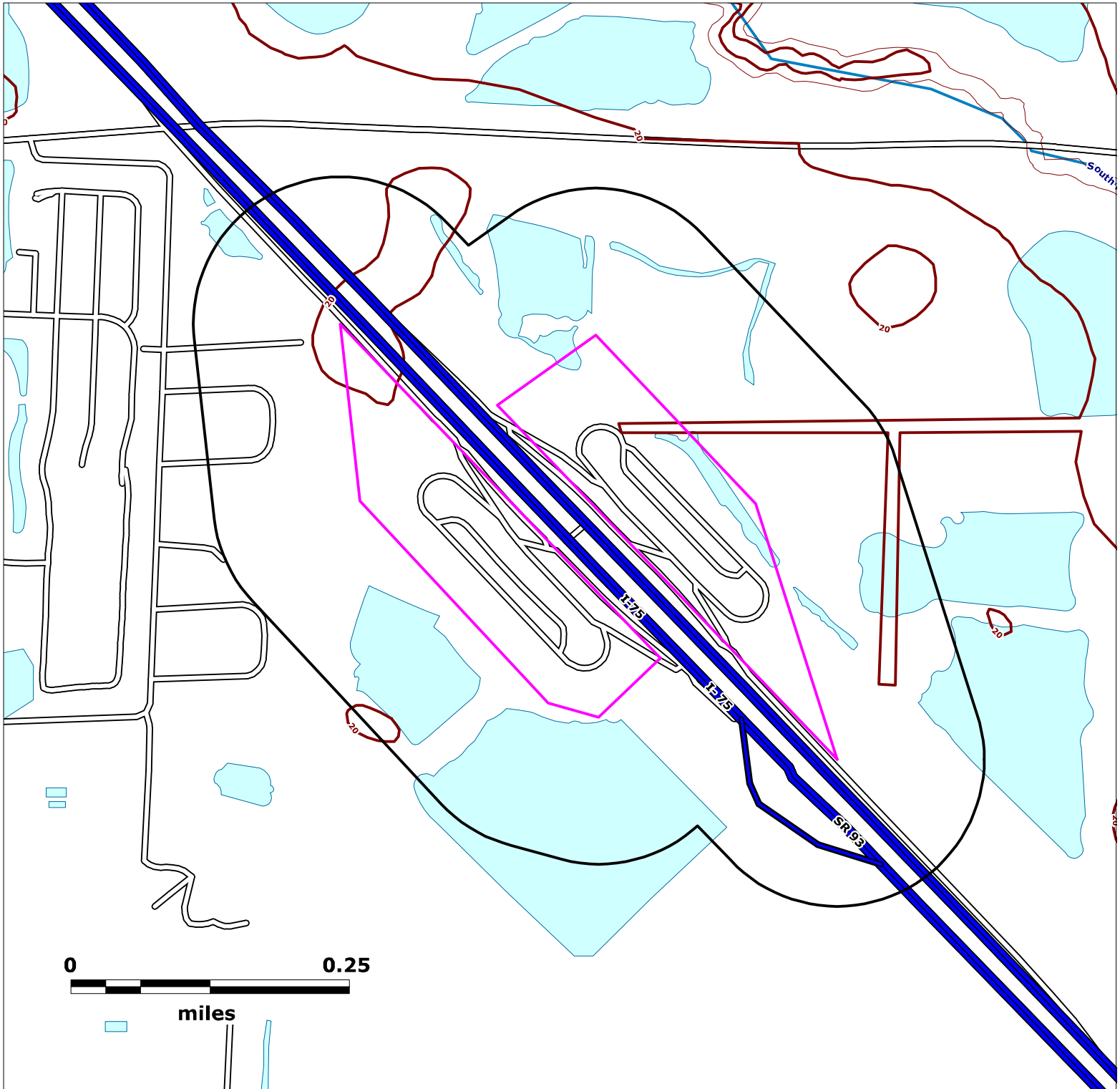
NPL, STNPL, CORRACTS
& TSD sites



CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites



ERNS, NONTSD, TANKS
& INSTENG sites



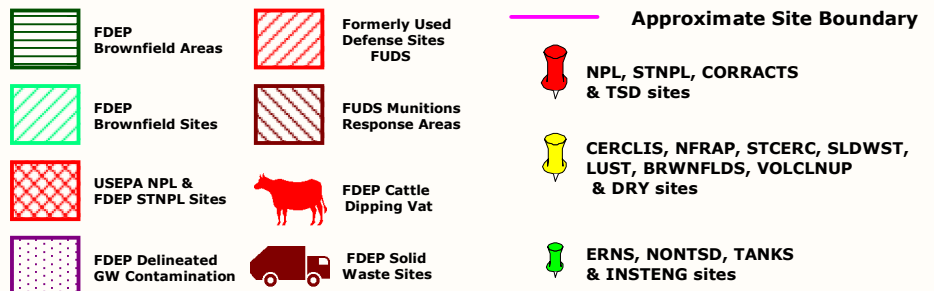
Source: FDEP and USEPA Geoldata

Map Scale and Property Boundaries are Approximate

Subject Property

I-75 (SR 93) Rest Area PD&E Study
South Rest Areas
Charlotte County, Florida

EDM Job No: 23272
March 30, 2016



ENVIRONMENTAL DATA MANAGEMENT

Basic 1/8 Mile Research

Report Date: 3/30/2016

SUMMARY TABLE

Page 1 of 1

REGULATORY LISTS

	N P L	C E R C L I S	N F R A P	E R N S	C O R R A C T S	T S D	N O N T S D	T R I B L L U N K S	T R I B L L U N S T	U S B R W F L D S	U S I N S T E N G	S T N P L	S T C E W R C	S L D W T	L U S T	T A N K S	B R O W N F L D S	V O L C A N O	I N C E N D R Y	
<p>MAPID# FAC ID, NAME AND LOCATION</p> <div style="background-color: yellow; width: 20px; height: 15px; display: inline-block; margin-right: 5px;"></div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">No Data Found</div>																				



PROXIMAL RECORDS TABLE

Report Date: 3/30/2016

The Proximal Records Table includes mapped facilities that appear outside of the study area, but in the proximity of the research boundary. They are provided in a summary fashion to allow one to determine potential interest.

Generally, these sites may be of potential interest for three reasons:

- 1.) The location occurs so close to the research boundary that it merits inclusion in the evaluation.
- 2.) The site may be expansive with regard to the property boundary. The physical address of a landfill for example may occur outside of the research boundary, but the landfill boundary may extend into the research area. Large industrial complexes may also fall into this category.
- 3.) The U.S. Census Bureau data, from which our maps are created, is not always precise with regard to address information. A facility may therefore appear on the map outside of the research area, but actually fall within the research area. These inaccuracies are typically less than 500 feet. If you observe any such inaccuracies, we ask that you please notify us of the more precise location and we will use this information to improve our product.

If more specific information relative to one or more locations included in the Proximal Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.



ENVIRONMENTAL DATA MANAGEMENT

Basic 1/8 Mile Research

PROXIMAL RECORDS TABLE

Report Date: 3/30/2016

Page 1 of 1

REGULATORY LISTS

	N P L	C E R C L I S	N F R A P	E R N S	C O R R A C T S	T S D	N O N T S D	T R I B L L U N K S	T R I B L L U N S T	U S B R W F L D S	U S I N S T E N G	S T N P L	S T C E W R C	S L D W T	L U S T	T A N K S	B R O W N F L D S	V O L C A N O	I N C E N T R E	D R Y
<p>MAPID# FAC ID, NAME AND LOCATION</p> <div style="background-color: yellow; width: 20px; height: 15px; display: inline-block; margin-right: 5px;"></div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">No Data Found</div>																				



NONMAPPED RECORDS TABLE

Report Date: 3/30/2016

The Non-Mapped Records Table is a listing of database records that lack sufficient address information to be placed within our mapping system, but may exist within your study area. These records have been manually screened to determine whether they could likely fall within the study area or can be conclusively identified as existing outside of the study area. Those records that could be located within the study area, but cannot be plotted within our GIS, are displayed in the Non-Mapped Records Table within this report.

If more specific information relative to one or more locations included in the Non-Mapped Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.

NONMAPPED RECORDS



Copyright © 1990-2016 Environmental Data Management, Inc.

For further information please contact us at 800-368-7376

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

ENVIRONMENTAL DATA MANAGEMENT

Basic 1/8 Mile Research

NON-MAPPED RECORDS TABLE

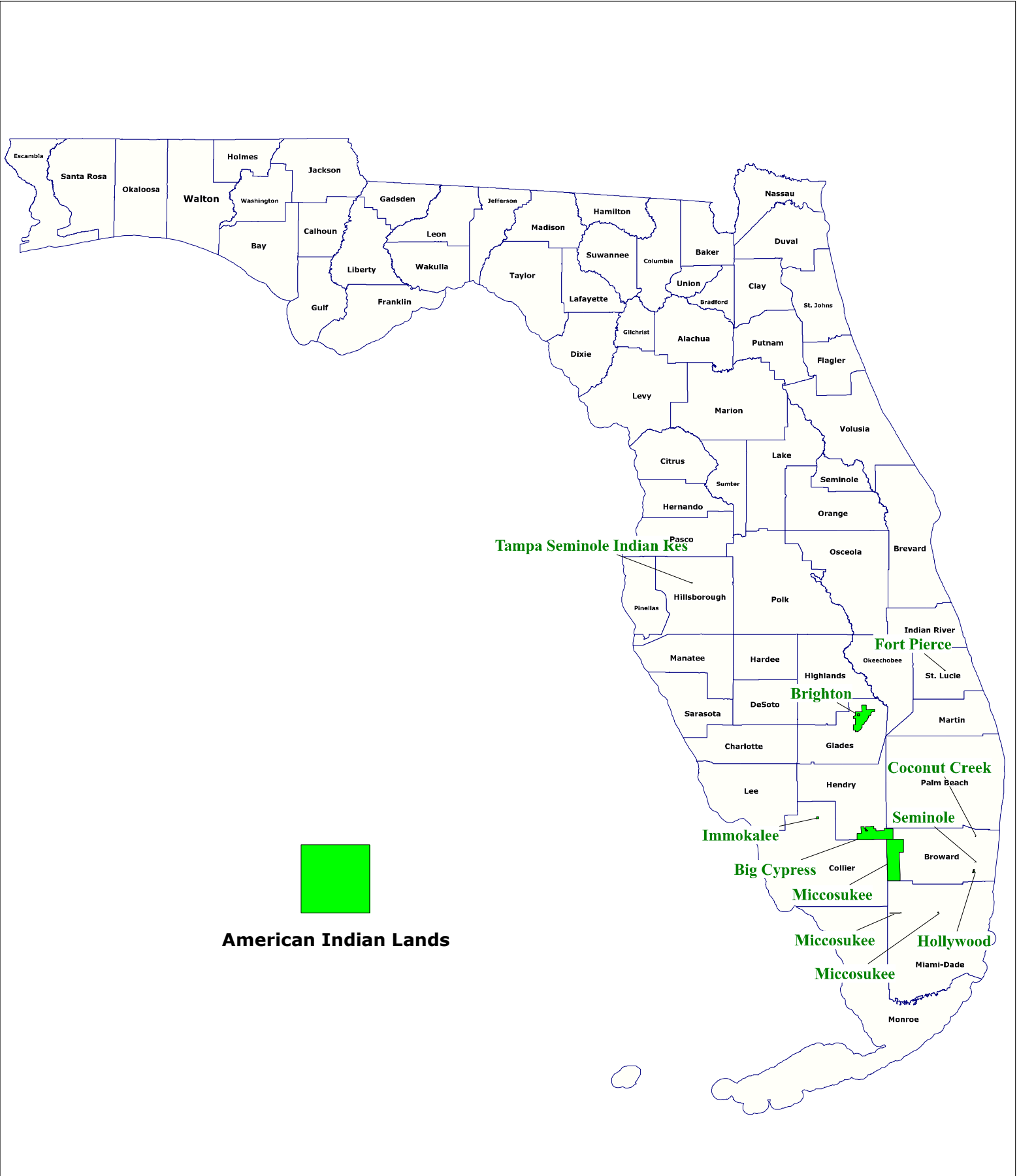
Report Date: 3/30/2016

Page 1 of 1

REGULATORY LISTS

MAPID# FAC ID, NAME AND LOCATION	N P L	C E R C L I S	N E F R A P	E R N S	C O R R A C T S	T S D	N O N T S D	T R I B U T A N K S	T R I B U T E S	U S B R N F L D S	U S I N S T E N G	S T N P L	S T C E W R C	S L D W T	L U S T	T A N K S	B R O W N F L D S	V O L U N T E E R S	I N T E N S I T Y	D R Y





American Indian Lands in Florida

Name	Entity	County	General Location Information	Approx. Area (Acres)
Tampa Reservation	Seminole Tribe of Florida	Hillsborough	I-4 & Hillsborough Avenue	42
Fort Pierce Reservation	Seminole Tribe of Florida	Saint Lucie	Okeechobee Rd & Eleven Mile Rd	54
Brighton Reservation	Seminole Tribe of Florida	Glades	N of CR 721 & SR 78	36,630
Immokalee Reservation	Seminole Tribe of Florida	Collier	N of CR 846 & Stockade Rd	660
Big Cypress Reservation	Seminole Tribe of Florida	Hendry/Broward	CR 833 & BIA Hwy 182	52,750
Miccosukee Reservation	Miccosukee Tribe of Florida	Broward	I-75 & Government Rd	81,440
Miccosukee Reservation	Miccosukee Tribe of Florida	Dade	SW 8 th St & Loop Rd	750
Miccosukee Reservation	Miccosukee Tribe of Florida	Dade	SW 177 th Ave & SW 8 th St	56
Holly (Dania) Reservation	Seminole Tribe of Florida	Broward	Stirling Rd & Florida's turnpike	560
Coconut Creek Reservation	Seminole Tribe of Florida	Broward	US 441 & NW 40 th St	6
Seminole Trust Land	Seminole Tribe of Florida	Broward	US 441 & Davie Blvd	1

Florida Tribal Contacts

Entity	Contact	Tel/Fac	Source
Miccosukee Tribe of Florida	Billy Cypress Tribal Chairman Miccosukee Tribe of Indians of Florida iPost Office Box 440021 Miami, Florida 33144 County: Dade	Phone: (305) 223-8380 Facsimile: (305) 223-1011	EPA Reg IV Tribal Contacts
Miccosukee Tribe of Florida	Steve Terry Land Resources Manager Miccosukee Tribe of Indians of Florida Post Office Box 440021 Miami, Florida 33144 E-Mail: esoterry@shadow.net	Phone:(305) 223-8380 Facsimile: (305) 223-1011	EPA Reg IV Tribal Contacts
Miccosukee Tribe of Florida	Billy Cypress Chairman Miccosukee Indian Tribe Tamiami Station PO Box 440021 Miami, Florida 33144	Phone: (305) 223-8380 Facsimile: (305) 223-1011	US DOI - BIA Tribal Leaders Directory
Seminole Tribe of Florida	Mitchell Cypress Tribal Chairman Seminole Tribe of Florida 6300 Stirling Road Hollywood, Florida 33024 County: Broward	Phone: (954) 967-3900 Facsimile: (954) 967-3486	EPA Reg IV Tribal Contacts
Seminole Tribe of Florida	Craig T. Tepper , Director Water Resource Management Department Seminole Tribe of Florida 6300 Stirling Road Hollywood, Florida 33024 County: Broward E-Mail: water@gate.net	Phone: (954) 966-6300, extension 1120 Facsimile: (954) 967-3489	EPA Reg IV Tribal Contacts
Seminole Tribe of Florida	Susie Kippenberger , Director Utilities Department Seminole Tribe of Florida 6300 Stirling Road Hollywood, Florida 33024 County: Broward E- Mail: susiek@semtribe.com	Phone: (954) 966-3475 Facsimile: (954) 967-3475	EPA Reg IV Tribal Contacts
Seminole Tribe of Florida	Mitchell Cypress Chairman Seminole Indian Tribe 6300 Stirling Road Hollywood, Florida 33024 http://www.seminoletribe.com/	Phone: (954) 966-6300 Facsimile: (954) 967-3463	US DOI - BIA Tribal Leaders Directory
Seminole Tribe of Florida	Joe Frank, Acting Superintendent Seminole Agency Bureau of Indian Affairs 6100 Hollywood Blvd, Suite 206 Hollywood, FL 33024	Phone: (954) 983-1537 Facsimile: (954) 983-5018	US DOI - BIA Tribal Leaders Directory

Agency List Descriptions

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

United States Environmental Protection Agency (EPA)

Comprehensive Env Response, Compensation & Liability Information System 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 either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The CERCLIS database has been retired since 2013 and is being replaced by the Superfund Enterprise Management System (SEMS). This new system is not yet operational.

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: 2/9/2016

Received by EDM: 2/19/2016

EDM Database Updated: 2/19/2016

Emergency Response Notification System List(ERNS)

The Emergency Response Notification System (ERNS) database stores information on oil discharges and hazardous substance releases. The ERNS program is a cooperative data sharing effort among the EPA, DOT and the National Response Center (NRC), which currently provides access to this data.

Agency File Date: 12/31/2015

Received by EDM: 1/19/2016

EDM Database Updated: 1/19/2016

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 has been retired since 2013 and is being replaced by the Superfund Enterprise Management System (SEMS). This new system is not yet operational.

Agency File Date: 10/25/2013

Received by EDM: 2/18/2016

EDM Database Updated: 2/18/2016

RCRA-LQG,SQG,CESQG and Transporters(NONTSD)

The EDM NONTSD list is a subset of the US EPA RCRAInfo System and identifies facilities that generate and transport hazardous wastes. These facilities may be Large Quantity Generators (LQG), Small Quantity Generators (SQG), Conditionally Exempt SQG's (CESQG) as well as "Non-Notifiers" and "Non-Handlers".

Agency File Date: 12/9/2015

Received by EDM: 12/28/2015

EDM Database Updated: 12/28/2015

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. In addition to sites that are currently on the EPA NPL, the EDM database contains sites that have been Proposed, Withdrawn and Deleted from the list.

Agency File Date: 11/18/2015

Received by EDM: 11/18/2015

EDM Database Updated: 11/19/2015

Tribal LUST List(TRIBLLUST)

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

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

Tribal Tanks List(TRIBLTANKS)

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

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

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

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

Agency File Date: 12/9/2015

Received by EDM: 12/28/2015

EDM Database Updated: 12/28/2015

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: 12/30/2015

Received by EDM: 12/30/2015

EDM Database Updated: 1/4/2016

Institutional and/or Engineering Controls(USINSTENG)

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

Agency File Date: 11/18/2015

Received by EDM: 11/18/2015

EDM Database Updated: 11/19/2015

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 with signed rehabilitation agreements. 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: 2/5/2016

Received by EDM: 2/12/2016

EDM Database Updated: 2/12/2016

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: 12/8/2015

Received by EDM: 1/4/2016

EDM Database Updated: 1/4/2016

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: 12/1/2015

Received by EDM: 12/23/2015

EDM Database Updated: 12/24/2015

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: 1/12/2016

Received by EDM: 2/3/2016

EDM Database Updated: 2/3/2016

Solid Waste Facilities List(SLDWST)

The FDEP SLDWST list identifies locations that have been permitted to conduct solid waste handling activities including Landfills, Transfer Stations and sites handling Bio-Hazardous wastes. Sites listed with "##" after the Facility ID Number are historical locations, obtained from documents on record at local agencies.

Agency File Date: 2/17/2016

Received by EDM: 2/17/2016

EDM Database Updated: 2/18/2016

State CERCLIS 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 releases of hazardous substances.

Agency File Date: 12/27/2015

Received by EDM: 12/29/2015

EDM Database Updated: 12/29/2015

State NPL Equivalent(STNPL)

The FDEP SFAS list contains facilities and/or locations that have been identified by the FDEP as having known environmental contamination and are currently being addressed through State funded cleanup action.

Agency File Date: 12/30/2015

Received by EDM: 2/18/2016

EDM Database Updated: 2/18/2016

Underground/Aboveground Storage Tanks(TANKS)

The FDEP TANKS list contains sites with registered aboveground and/or underground storage tanks containing regulated petroleum products. Please refer to the "Explanation of Florida Tank Codes" insert to interpret tank construction, monitoring and piping codes.

Agency File Date: 2/3/2016

Received by EDM: 2/23/2016

EDM Database Updated: 2/25/2016

Voluntary Cleanup List(VOLCLNUP)

The VOLCLNUP List is derived from the FDEP Brownfields Site Rehabilitation Agreement (BSRA) database and the FDEP Office of Waste Cleanup Responsible Party Sites database. This list identifies those 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: 3/15/2016

Received by EDM: 3/15/2016

EDM Database Updated: 3/15/2016

EXPLANATION OF FLORIDA TANK CODES

CONSTRUCTION TYPE CODES

A = BALL CHECK VALVE
B = INTERNAL LINING
C = STEEL
D = UNKNOWN
E = FIBERGLASS
F = FIBERGLASS-CLAD STEEL
G = CATHODIC PROTECTION-SACRIFICIAL ANODE
H = CATHODIC PROTECTION -IMPRESSED CURRENT
I = DBL WALL/SINGLE MATERIAL
J = SYNTHETIC LINER IN TANK EXCAVATION
K = AST CONTAINMENT: CONCRETE /SYNTHETIC MATERIAL AREA
L = COMPARTMENTED
M = SPILL CONTAINMENT BUCKET
N = FLOW SHUT OFF
O = TIGHT FILL
P = LEVEL GAUGES, HI LEVEL ALARMS
Q = OTHER DER APPROVED PROTECTION METHOD
R = DBL WALL/DUAL MATERIAL/ (TANK "JACKET")
S = OTHER DEP APPROVED SECONDARY CONTAINMENT SYSTEM
T = SMALL USE TANK
U = FIELD ERECTED TANK
V = PIPELESS UST W/SECONDARY CONTAINMENT
W = BUILT ON SUPPORTS
X = CONCRETE
Y = POLYETHYLENE
Z = OTHER DEP APPROVED TANK MATERIAL

PIPING TYPE CODES

A = ABOVE GROUND-NO CONTACT W/SOIL
B = STEEL OR GALVANIZED METAL
C = FIBERGLASS
D = EXTERNAL PROTECTIVE COATING
E = CATHODIC PROTECTION (SACRIFICIAL ANODE/IMPRESSED CURRENT)
F = DBLWALL/SINGLE MATERIAL
G = SYNTHETIC OR BOX/TRENCH LINER
H = AIRPORT/SEAPORT HYDRANT SYSTEM
I = SUCTION PIPING SYSTEM
J = PRESSURIZED PIPING SYSTEM
K = DISPENSER LINERS
L = BULK PRODUCT SYSTEM
M = DOUBLE WALL / DUAL MATERIAL (PIPE "JACKET")
N = APPROVED SYNTHETIC MATERIAL
O = SEVERE VIOLATION
P = INTERNAL PIPING WITHIN INTERNAL SUMP RISER
V = VIOLATION
X = NO PIPING ASSOCIATED WITH TANK
Y = UNKNOWN
Z = OTHER DEP APPROVED PIPING MATERIAL

LEAK MONITORING CODES

1 = CONTINUOUS ELECTRONIC SENSING EQUIPMENT
2 = VISUAL INSPECTIONS OF PIPING SUMPS
3 = ELECTRONIC MONITORING OF PIPING SUMPS
4 = VISUAL INSPECTIONS OF DISPENSING LINERS
5 = ELECTRONIC MONITORING OF DISPENSER LINERS
6 = EXTERNAL PIPING MONITORING
7 = AUTOMATICALLY SAMPLED WELLS
8 = MANUALLY SAMPLED WELLS
A = SITE SUITABILITY PLAN
B = SITE SUITABILITY PLAN EXEMPTION
C = GROUNDWATER MONITOR PLAN
D = SPCC PLAN
E = INTERSTITIAL MONITORING UST LINERS
F = INTERSTITIAL SPACE-DOUBLE WALL TANK
G = ELECTRONIC LINE LEAK DETECTOR W/FLOW SHUTOFF
H = MECHANICAL LINE LEAK DETECTOR
I = NOT REQUIRED-SEE RULE FOR EXEMPTIONS
J = INTERSTITIAL MONITORING-PIPING LINER
K = INTERSTITIAL MONITORING- DOUBLE WALL PIPING
L = AUTOMATIC TANK GAUGING SYSTEM (USTS)
M = MANUAL TANK GAUGING SYSTEM (USTS)
N = GROUNDWATER MONITORING SYSTEM
O = VAPOR MONITORING SYSTEM
P = VAPOR MONITORING W/DILUTION PROCEDURES
Q = VISUAL INSPECTION OF AST SYSTEMS
R = INTERSTITIAL MONITORING OF TANK BOTTOM
S = STATISTICAL INVENTORY RECONCILIATION (SIR/USTS)
T = ANNUAL TIGHTNESS TEST WITH INVENTORY (UST)
U = BULK PIPING PRESSURE TEST
V = SUCTION PUMP CHECK VALVE
W = FIBER-OPTIC TECHNOLOGIES
X = NONE
Y = UNKNOWN
Z = OTHER DEP APPROVED MONITORING METHOD

CSER Appendix G

Site Photographs

Site Photographs



South end of NB-2 Rest Area Alternative looking northeast



North end of NB -2 Rest Area Alternative looking east



South end of NB-2B Preferred Rest Area Alternative looking northeast



Central area of NB-2B Preferred Rest Area Alternative looking southeast



North end of SB-2 Preferred Rest Area Alternative looking south



South end of SB-2 Preferred Rest Area Alternative looking north



South end of SB-WIM Rest Area Alternative looking north



North end of SB-WIM Rest Area Alternative looking southwest



North end of NB-WIM Rest Area Alternative looking southeast



View to the southeast from Airport Road of Charlotte County Public Safety Building



View to the southeast of Charlotte County Vehicle Maintenance Facility



View to the north from near I-75 southbound of location of McQueen Farm



View to the southwest from Airport Road of Millwood Manufacturing



View to the east of emergency generator located adjacent to SB-WIM