

DRAFT LEVEL I
CONTAMINATION SCREENING EVALUATION REPORT (CSER)

Florida Department of Transportation

District 1

Bradenton-Palmetto Connector

Limits of Project: US 41/SR 55

from US 301/SR 683 at 9th Street East to North of 25th Street East

Manatee, Florida

Financial Management Number: 444843-1-22-01

ETDM Number: 14507

Date: April 2026

Revised June 2026

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

DRAFT Level I
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Bradenton-Palmetto Connector
US 41/SR 55
from US 301/SR 683 at 9th Street East to North of
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Type 2 Categorical Exclusion



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Bradenton-Palmetto Connector Type 2 Categorical Exclusion

FPID 444843-1-22-01
ETDM Project No. 14507
Manatee County, Florida

Prepared for:



Florida Department of Transportation
District One

Prepared by:
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April 2026

Revised June 2026

EXECUTIVE SUMMARY

The Florida Department of Transportation (FDOT), District One (D1) is conducting a Project Development and Environment (PD&E) study, known as the Bradenton-Palmetto Connector (BPC), to evaluate capacity and mobility improvements to United States (US) 41/State Road (SR) 55/1st Street (St)/Tamiami Trail (Trl) and US 301/SR 683 including roadway widening, bridge reconstruction, new stormwater management facilities (SMF), new floodplain compensation (FPC) sites, and bicycle and pedestrian accommodations. This PD&E study begins at US 301/SR 683 at 9th St East in the City of Bradenton, Florida, and continues north to US 41 north of 25th St East in the City of Palmetto, Florida. The project also crosses the Manatee River. The study limits extend approximately 4.5 miles, all within Manatee County.

In 2025, FDOT D1 completed a PD&E study for the Hernando DeSoto Bridge (structure #130053) Replacement from westbound SR 64 to Haben Boulevard (Blvd) in Manatee County, Florida (FPID 442630-1-22-01, ETDM 14510). That study evaluated replacing the existing four-lane DeSoto Bridge with a new four-lane bridge that included wider shoulders, upgraded pedestrian facilities, and other safety features. The DeSoto Bridge Replacement PD&E study limits fall within the BPC PD&E study limits; however, it did not include adding lanes for capacity improvements. This BPC PD&E study does include adding additional lanes both on the roadway and the DeSoto Bridge to accommodate the capacity needed within the project study area.

On behalf of the FDOT, this Level I Contamination Screening Evaluation Report (CSER) was prepared to evaluate the Bradenton-Palmetto Connector US 41/SR 55 from US 301/SR 683 at 9th St East to North of 25th St East Project, located in Manatee County, Florida. This contamination evaluation was performed in accordance with the FDOT's PD&E Manual. The CSER was performed for the project limits shown on the report figures and describes the existing and proposed right-of-way necessary to accommodate the proposed project improvements. The study area includes a search buffer from the project limits of 500 feet for petroleum sites, dry cleaners, and non-petroleum sites; 1,000 feet for non-landfill solid waste sites; and ½ mile for Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), National Priorities list (NPL) Superfund sites, and Landfill sites.

The following risk ratings were assigned to the 74 contamination sites identified within or near the project right-of-way:

Number of Contamination Sites per Risk Rating			
High	Medium	Low	No
7	20	47	0

This PD&E study evaluates the Preferred Alternative and the Interim Improvements within the project study limits. The overall corridor improvements (Preferred Alternative) begin at US 301/SR 683 at 9th St East in the City of Bradenton, Florida, and continue north to US 41 north of 25th St East in the City of Palmetto, Florida. The limits of the Interim Improvements are inside the Preferred Alternative from westbound SR 64 to US 301. The Preferred Alternative and Interim Improvement limits are shown in **Figure 1-6**.

The following table presents a summary of the risk ratings assigned for each pond:

Number of Ponds per Risk Rating			
High	Medium	Low	No
10	33	40	0

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

For the locations rated No or Low for contamination, no further action is required. These locations are not anticipated to have contamination risk to the project limits at this time.

Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the National Pollutant Discharge Elimination System (NPDES) Generic Permit for Stormwater Discharges from Large and Small Construction Activities. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area.

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SECTION 1 INTRODUCTION

1.1 PD&E STUDY PURPOSE

The objective of this Project Development & Environment (PD&E) study is to assist the Florida Department of Transportation (FDOT) Office of Environmental Management (OEM) in reaching a decision on the type, location, and conceptual design of the proposed improvements for the widening of United States (US) 41 and US 301. This study documents the need for improvements as well as the procedures utilized to develop and evaluate various improvements, including elements such as proposed typical sections, preliminary horizontal alignments, and intersection enhancements.

The PD&E study satisfies all applicable requirements, including the National Environmental Policy Act (NEPA), to qualify for federal-aid funding of subsequent development phases (design, right-of-way acquisition, and construction).

1.2 PROJECT PURPOSE AND NEED

The purpose of the project is to provide additional capacity and accommodate transportation demand across the Manatee River, specifically between the cities of Bradenton and Palmetto and the numerous communities in western Manatee County, as part of the regional transportation system. Another project goal is to enhance safety. The need for the project is based on the following criteria: capacity, transportation demand, and safety.

1.3 PROJECT DESCRIPTION

The FDOT District One (D1) is conducting a PD&E study, known as the Bradenton-Palmetto Connector (BPC), to evaluate capacity and mobility improvements to US 41/State Road (SR) 55/1st Street (St)/ Tamiami Trail (Trl) and US 301/SR 683 including roadway widening, bridge reconstruction, new stormwater management facilities (SMF), new floodplain compensation (FPC) sites, and bicycle and pedestrian accommodations. The study limits begin at US 301/SR 683 from 9th St East, north of the City of Bradenton, Florida, and continue along US 41 to north of 25th St East, north of the City of Palmetto, Florida. The project also crosses the Manatee River. The study limits extend approximately 4.5 miles, all within Manatee County. The project location and study limits are shown in **Figure 1-1**.

In 2025, FDOT D1 completed a PD&E study for the Hernando DeSoto Bridge (structure #130053) Replacement from westbound SR 64 to Haben Boulevard (Blvd) in Manatee County, Florida (FPID 442630-1-22-01, ETDM 14510). That study evaluated replacing the existing four-lane DeSoto Bridge with a new four-lane bridge that included wider shoulders, upgraded pedestrian facilities and other safety features. The DeSoto Bridge Replacement PD&E study limits fall within the BPC PD&E study limits; however, it did not include adding lanes for capacity improvements. This BPC PD&E study does include adding additional lanes both on the roadway and the DeSoto Bridge to accommodate capacity needed within the project study area.



Figure 1-1: Project Location Map

1.4 EXISTING FACILITY AND PROPOSED IMPROVEMENTS

1.4.1 Existing Facility

The study begins on US 301 at 9th St East where the alignment traverses west, turns north, and crosses the northbound leg South Tamiami Trl. US 301 then combines with US 41 north of the CSX Railroad at-grade crossing (RR#624712-B). US 301 is a four-lane divided roadway where the median alternates between grassed vegetation and a concrete barrier. The facility contains open drainage and paved shoulders. There are no bicycle lanes or sidewalks. A representation of the lane arrangement is shown in **Figure 1-2**.

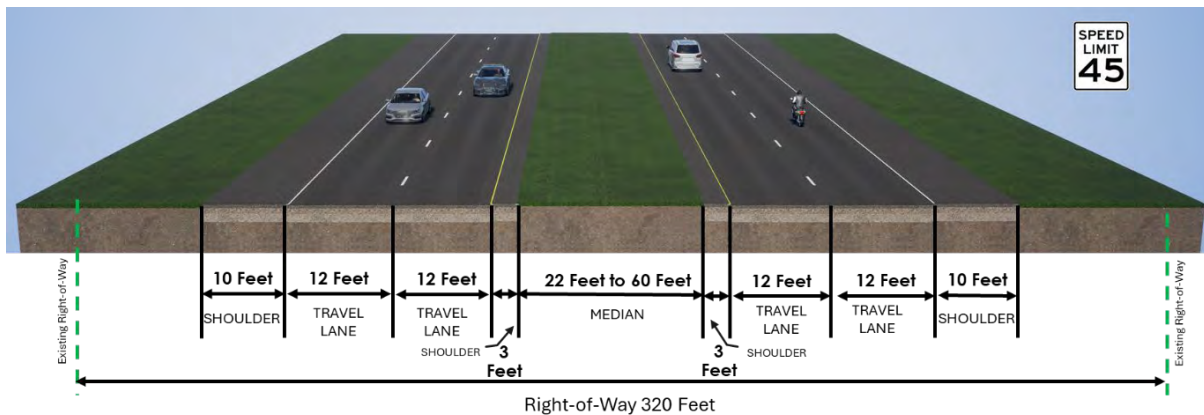


Figure 1-2 Existing Roadway Typical Section: US 301

North of the US 301 junction with US 41, from the CSX Railroad at-grade crossing (RR#624712-B) to north of westbound SR 64, the US 41/US 301 roadway varies between a maximum of four northbound lanes to a minimum of two northbound lanes and a maximum of three southbound lanes to a minimum of two southbound lanes. The median varies between a grassed median, concrete separator, and concrete barrier. Stormwater runoff is conveyed through a closed drainage system, and there are sidewalk along both sides of the roadway until north of westbound SR 64, where there is no sidewalk on the east side and sporadic sidewalk on the west side. There are no bicycle lanes within these limits. Exclusive right- and left-turn lanes are used at select intersections, including all signalized intersections at 13th Avenue (Ave), 9th Ave, eastbound SR 64/6th Ave, and westbound SR 64. Although the roadway's right-of-way width varies, it is generally 125 feet wide. The posted speed limit is 45 miles per hour (mph). A representation of the lane arrangements is shown in **Figure 1-3**.

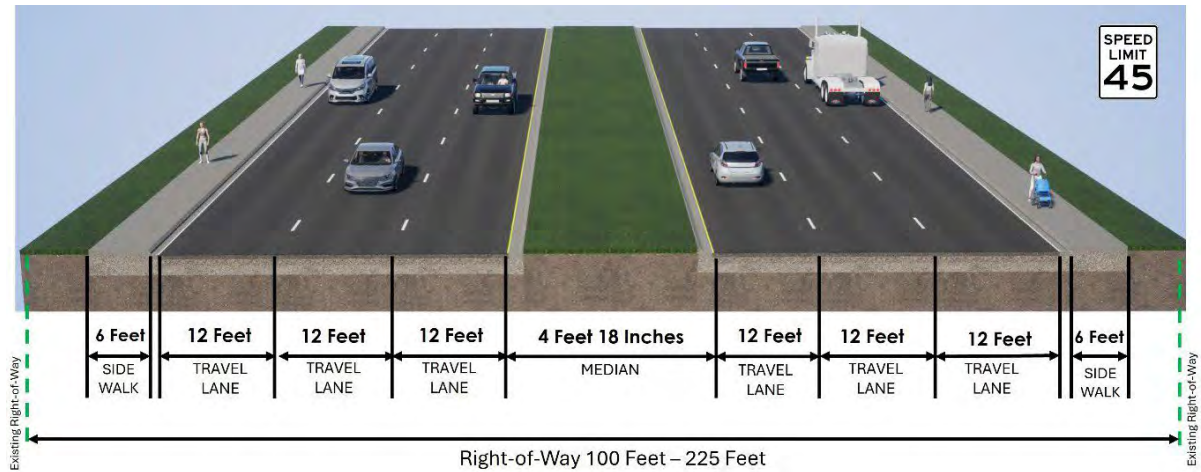


Figure 1-3 Existing Roadway Typical Section: South of DeSoto Bridge

North of westbound SR 64, US 41 continues as a four-lane divided roadway and crosses the Manatee River via the DeSoto Bridge. The bridge has substandard elements with design deficiencies, including narrow shoulders, discontinuous pedestrian facilities, and substandard bridge rails.

The existing typical section for the DeSoto Bridge is a divided four-lane highway comprised of two 12-foot travel lanes, a two-foot outside shoulder in each direction, and a four-foot raised median and barrier wall, as shown in **Figure 1-4**. The total bridge width is approximately 62 feet. The posted speed limit is 50 mph.

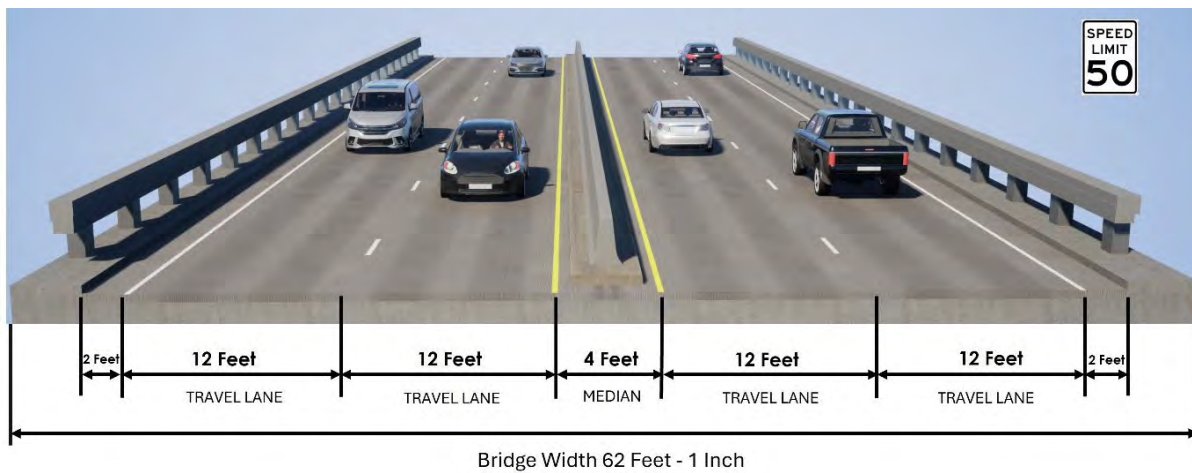


Figure 1-4 Existing Structure Typical Section: DeSoto Bridge

North of the DeSoto Bridge to north of 25th St East the typical roadway section consists of two 12-foot travel lanes in each direction. The median varies between a grass median and a concrete traffic separator. The roadway transitions from paved shoulders and open drainage to curb and gutter and closed drainage north of the US 301/10th St East interchange. There are no sidewalks from north of the DeSoto Bridge to 17th St East, there are continuous sidewalks from 17th St East to

25th St E, and there are no sidewalks north of 25th St East to the end of the project limits. There are no bicycle lanes. The roadway's right-of-way width varies, but it is generally 120 feet. The posted speed limit is 50 mph. A representation of the lane arrangements is shown in **Figure 1-5**.

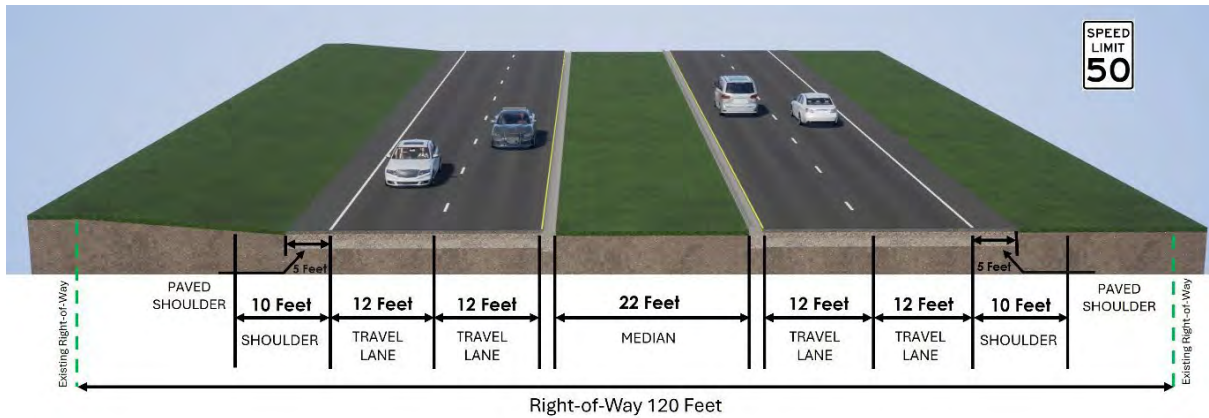


Figure 1-5 Existing Roadway Typical Section: North of DeSoto Bridge

1.4.2 Proposed Improvements

The proposed improvements associated with the Preferred Alternative include widening the roadway from four to six general-purpose lanes and adding two elevated proposed express lanes supported by median piers. Additional improvements include drainage upgrades and enhanced bicycle and pedestrian facilities, including sidewalks south of the DeSoto Bridge and shared-use paths north of the DeSoto Bridge. In addition to the Preferred Alternative, due to funding constraints and the potential need to toll the Preferred Alternative's elevated lanes, an Interim Improvement is proposed between westbound SR 64 and US 301. This Interim Improvement would widen the roadway from four to six lanes and remove and replace the DeSoto Bridge with six travel lanes and a shared-use path on both sides. The Interim Improvements comprise 1.7 miles of the total project length and do not include the elevated proposed express lanes.

Analysis of the Preferred Alternative does not assume any of the Interim Improvements are constructed. Instead, the study compares the Preferred Alternative to the existing/No-Build condition. This PD&E study evaluates the No-Build alternative and the Preferred Alternative. However, this study also includes information on the Interim Improvements to clearly quantify the impacts of both the Preferred Alternative and Interim Improvements. The Preferred Alternative and Interim Improvement limits are shown in **Figure 1-6**.



Figure 1-6 Preferred Alternative and Interim Improvements

Preferred Alternative

Corridor improvements begin at US 301 and 9th St East, which travels west to intersect US 41 and continues north, crossing the Manatee River and ending north of 25th St East. The improvements are divided into three typical sections: south of the DeSoto Bridge, the DeSoto Bridge, and north of the DeSoto Bridge, to demonstrate the roadway and bridge configurations along the Preferred Alternative.

South of the DeSoto Bridge: The proposed typical section consists of six 11-foot lanes, divided by a median that widens to 22 feet to accommodate the elevated structure. The at-grade roadway includes six-foot sidewalks on both sides and no bicycle lanes. The proposed right-of-way is approximately 120 feet wide. The proposed design speed is 45 mph from 9th Street East on US 301 to 13th Ave on US 41, 40 mph from 13th Ave to westbound SR 64, and 45 mph from westbound SR 64 to the DeSoto Bridge. Two 15-foot proposed express lanes are provided in the US 301 median via an elevated structure that begins just west of 9th St East. The elevated structure follows US 301 through a northern curve near US 41/SR 45/S Tamiami Trail, where US 301 joins US 41. This typical section is shown in **Figure 1-7**.

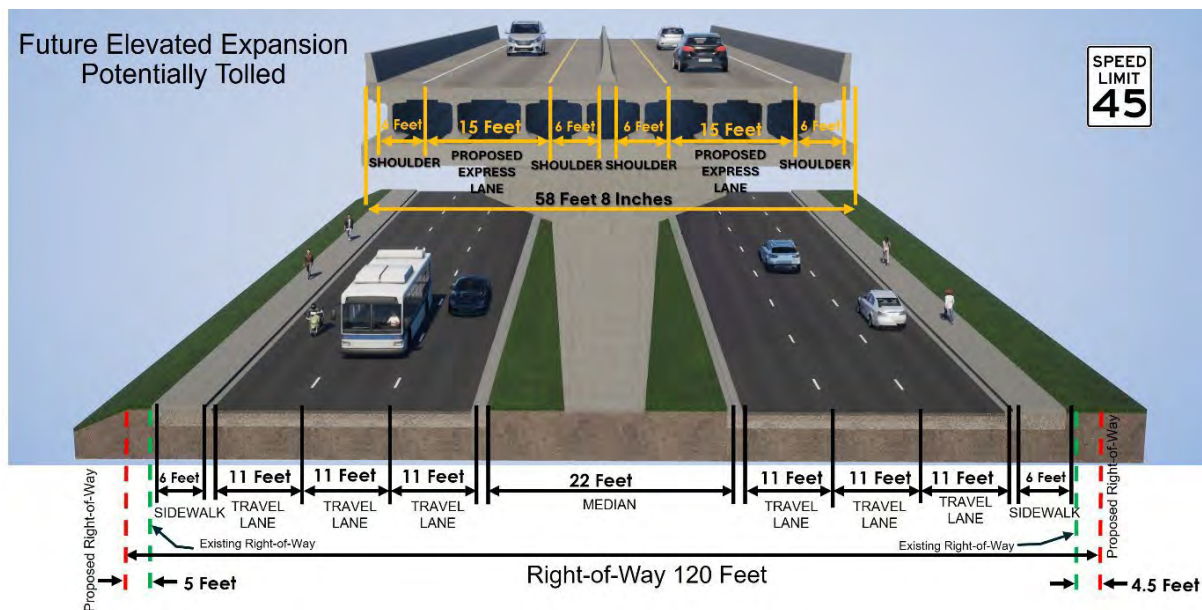


Figure 1-7 Preferred Roadway Typical Section: South of DeSoto Bridge

DeSoto Bridge: The proposed express lanes transition from an elevated structure to match the elevation of the travel lanes on the DeSoto Bridge. The transition occurs just north of westbound SR 64. The new DeSoto Bridge consists of eight travel lanes (six travel lanes and two proposed express lanes), plus a barrier-separated, 12-foot, shared-use path on both sides. The bridge is approximately 164 feet wide. The proposed design speed is 45 mph. In addition, the proposed express lanes are buffer-separated from the travel lanes via flexible tubular markers as shown in **Figure 1-8**.

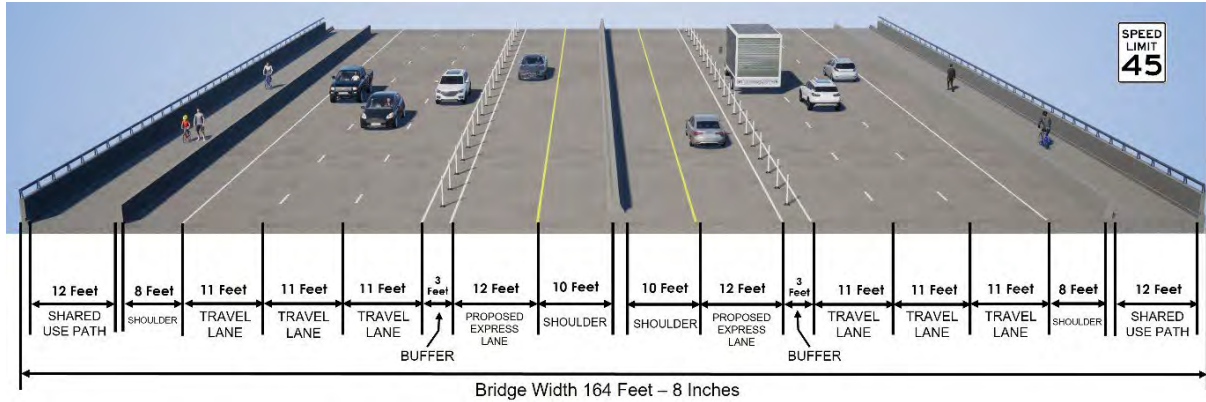


Figure 1-8 Preferred Roadway Typical Section: DeSoto Bridge

North of the DeSoto Bridge: This typical section is comprised of six 11-foot lanes divided by a median that widens to 32.5 feet to accommodate the elevated structure. The at-grade roadway includes a 12-foot shared-use path on both sides of US 41. The proposed right-of-way is approximately 176 feet, and the proposed design speed is 45 mph. The proposed express lanes transition back to an elevated structure in the roadway median, north of the bridge over the CSX Railroad Short Line, spanning the intersections from 17th St East to 25th St East. A conceptual view of the proposed express lanes elevated over the travel lanes is shown in **Figure 1-9**.

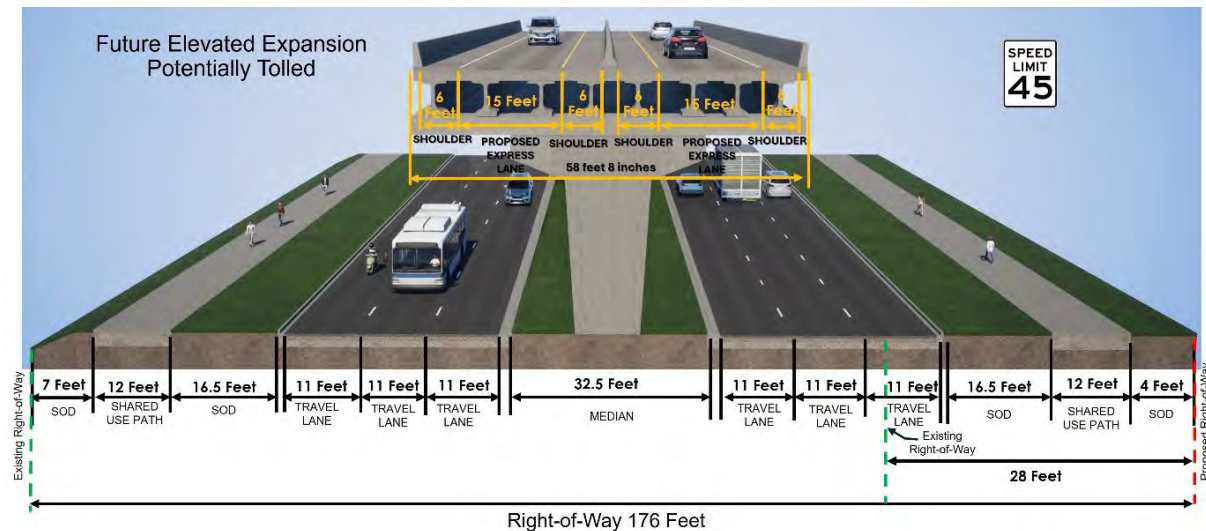


Figure 1-9 Preferred Roadway Typical Section: North of Desoto Bridge

Interim Improvements:

The limits of the Interim Improvements are from westbound SR 64 to US 301, as shown in **Figure 1-10**. The improvements are divided into three typical sections: south of the DeSoto Bridge, the DeSoto Bridge, and north of the DeSoto Bridge, to demonstrate the roadway and bridge configurations. The Interim Improvements are consistent with the full limits of the previously approved DeSoto Bridge Replacement PD&E Study (FPID 442630-1-22-01, ETDM 14510). The difference between the prior study and the Interim Improvements is that the prior DeSoto Bridge Replacement PD&E studied only replacing the DeSoto Bridge with a new four-lane structure and did not evaluate capacity improvements. Whereas the Interim Improvement would widen the roadway from four to six lanes and remove and replace the DeSoto Bridge with six travel lanes and a shared-use path on both sides.

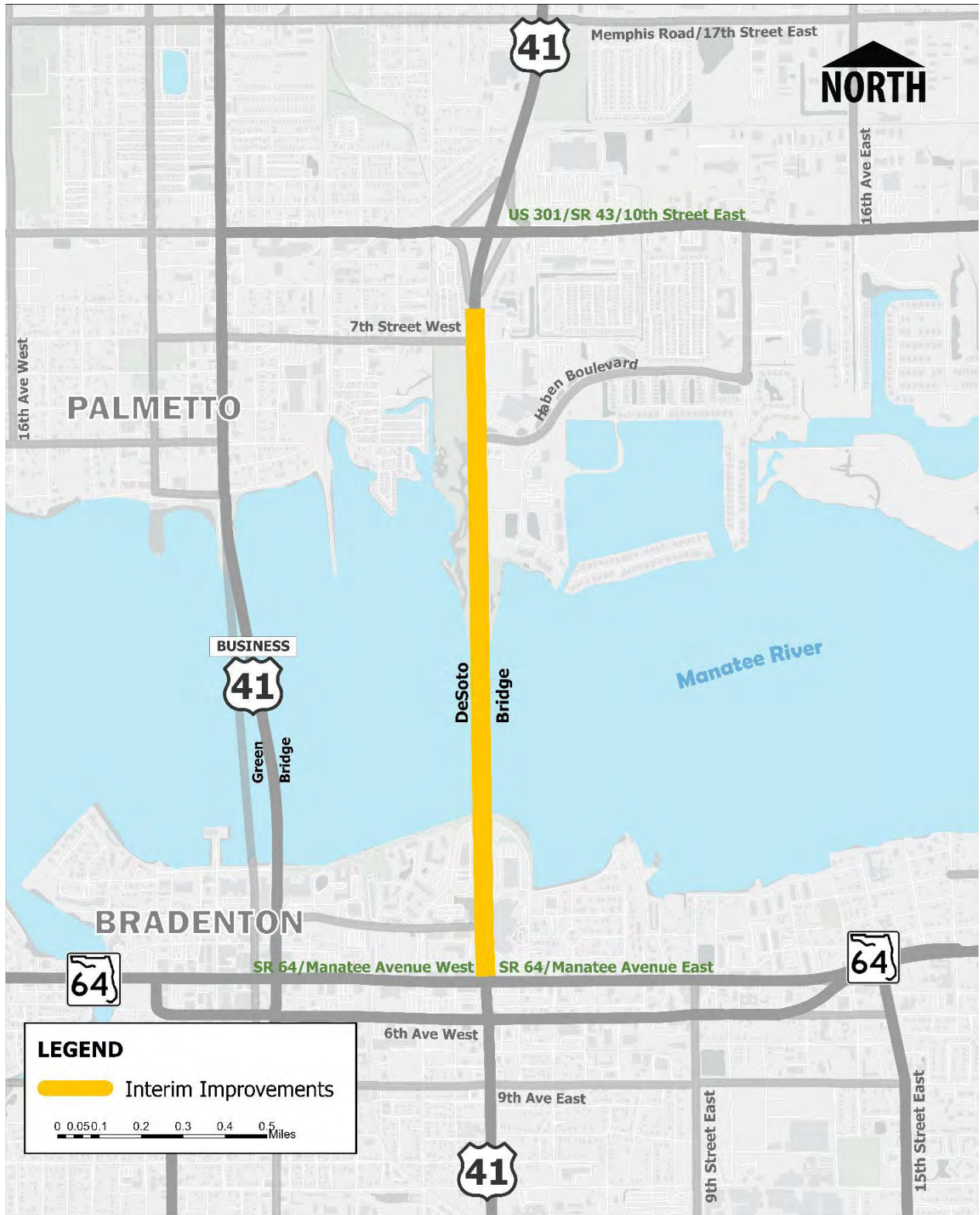


Figure 1-10 Interim Improvements Project Limits

South of the DeSoto Bridge: The typical section consists of six 11-foot travel lanes, divided by a median ranging from eight to 18 feet, and provides six-foot sidewalks on both sides of US 41 with no bike lanes. The proposed right-of-way is approximately 136 feet wide, sufficient to accommodate the elevated structure for future proposed express lanes when the Preferred Alternative is constructed. The proposed design speed is 45 mph. The conceptual lane arrangements for the Interim Improvement south of the DeSoto Bridge are shown in **Figure 1-11**.

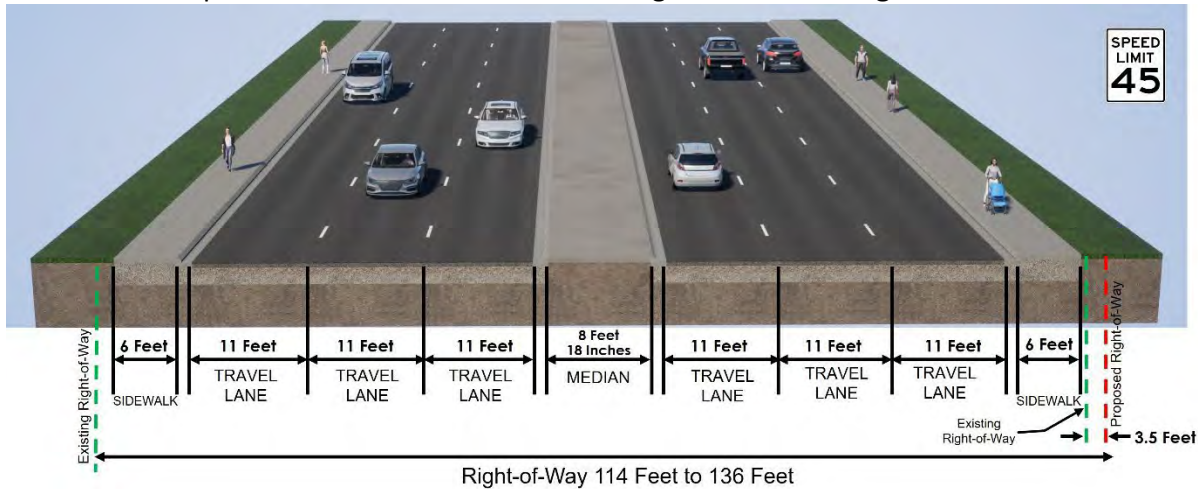


Figure 1-11 Interim Improvements South of DeSoto Bridge

DeSoto Bridge: The Interim Improvement includes the replacement of the DeSoto Bridge, where six 11-foot travel lanes, divided by a concrete barrier median, and eight-foot inside shoulders in each direction are proposed. The typical section also includes a 12-foot shared-use path and outside shoulders on both sides of the bridge. The bridge will be designed to accommodate future widening of the structure so that proposed express lanes could be added when the Preferred Alternative is constructed. The proposed right-of-way is approximately 128 feet, and the proposed design speed is 45 mph. The lane arrangements on the DeSoto Bridge with the Interim Improvements are shown in **Figure 1-12**.

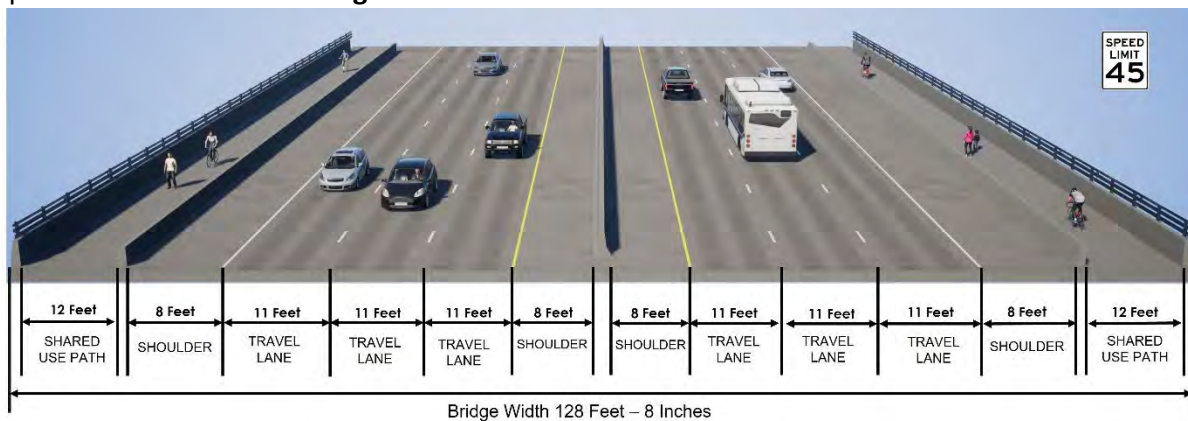


Figure 1-12 Interim Improvements DeSoto Bridge

North of the DeSoto Bridge: The typical section consists of six 11-foot travel lanes divided by a 32.5-foot median, which is wide enough to accommodate the elevated structure for future proposed express lanes when the Preferred Alternative is constructed. A 12-foot shared-use path is provided on both sides of the roadway. The proposed right-of-way is approximately 176 feet, and the proposed design speed is 45 mph. The conceptual lane arrangements for the Interim Improvements north of the DeSoto Bridge are shown in **Figure 1-13**.

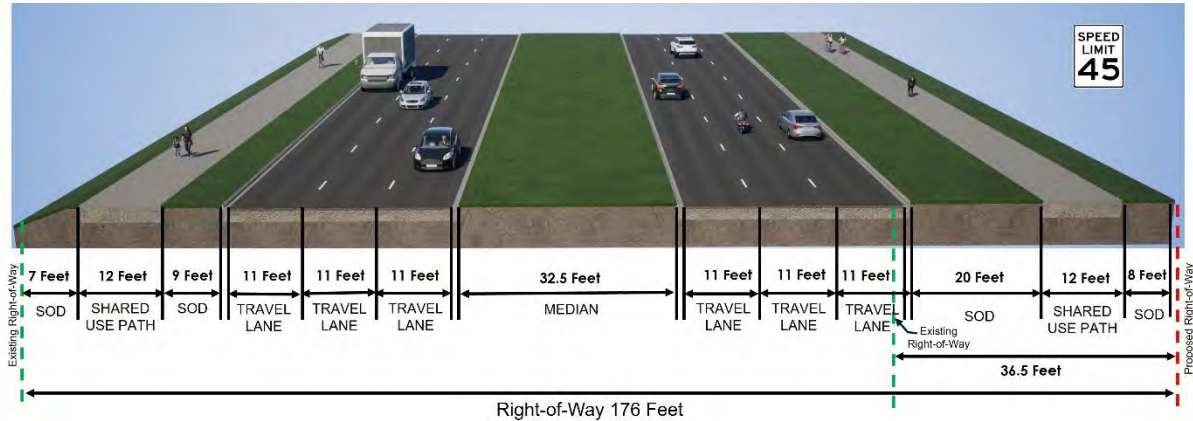


Figure 1-13 Interim Improvements North of DeSoto Bridge

1.5 REPORT PURPOSE

The purpose of this Draft Level 1 Contamination Screening Evaluation Report (CSER) is to document the contamination review analysis performed to support decisions related to the evaluation of the project alternatives and to summarize the potential for contamination impacts to the project. This Level 1 CSER was conducted in accordance with the FDOT's Project Development and Environment Study (PD&E) Manual. The contamination sites have been separated into the Preferred Alternative and Interim Improvements.

SECTION 2 REFERENCES

The following references were used to prepare this CSER.

- The Bradenton, Florida Quadrangle Map, 1994 Revised 2000, and Palmetto, Florida Quadrangle Map, 1987 were reviewed to determine the topography of the study area.
- The Florida Department of Environmental Protection (FDEP) Map Direct, Geographic Information Systems (GIS) website, 2026, was reviewed to assist in identifying potential contamination sites in the study area.
- FDEP OCULUS Files, data files, 2026, were reviewed to determine the contamination status of listed potential contamination sites.
- FDOT, Part 2, Chapter 20 of the PD&E Manual was used as a guidance standard in preparing this Contamination Screening Evaluation Report.
- The Manatee County, Soil Survey, National Resource Conservation Service, 2025, information was reviewed to identify and evaluate soil types within the study area.
- The Southwest Florida Water Management District Land Use Map GIS layer, 2025, was used to identify land uses within the study area.
- Environmental Data Resources, Inc. (EDR) Radius Reports dated February 05, 2024 and March 12, 2026, were used as a screening tool to identify potential contamination sites within the study area. These sites were confirmed and reviewed using the FDEP Map Direct and Oculus websites.
- The EDR Sanborn Fire Insurance Map Report, March 13, 2026, was used to identify historically documented tanks and land uses.
- The EDR City Directory Report, March 12, 2026, was used to identify historically documented land uses and site occupants.
- The EDR Historical Topo Report, March 12, 2026, was used to evaluate historical land uses within the study area.
- EDR provided historical aerial photographs that were used to evaluate historical land uses within the study area.

SECTION 3 METHODOLOGY

Screening was conducted to identify potential contamination issues arising from properties or operations located within the vicinity of the project. This study was performed for the existing and proposed right-of-way necessary to accommodate the proposed improvements, using 500-foot, 1,000-foot, and ½-mile search buffers for potential contamination concerns as follows:

1. 500 feet from the proposed right-of-way line for petroleum, dry cleaners, and other contaminated sites not included in numbers 2 and 3 below. Corridor projects in heavily industrialized or urbanized areas with dewatering planned near contaminated sites need to be addressed with FDEP, Water Management Districts (WMD), or the local delegated program lead.
2. 1,000 feet from the proposed right-of-way line for non-landfill solid waste sites (such as recycling facilities, transfer stations, and debris management areas.)
3. ½ mile from the proposed right-of-way line for Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), National Priorities list (NPL) Superfund sites, or Landfill sites. Include a detailed discussion of these sites if they are expected to potentially impact the project. Coordinate with environmental permitting agencies, as appropriate.

These search buffers make up the study area and are shown on a 2025 aerial photograph used as the base for the **Potential Contamination and Pond Site Location Maps on Figures A-1A through A-1F in Appendix A**. **Figure A-1A** is an overview figure showing the three buffers, the Preferred Alternative, the Interim Improvements, and the 83 pond sites. **Figure A-1A** does not show potential contamination risk sites because site locations and IDs on the small scale of the aerial photograph would be confusing. **Figures A-1B through A-1F** show all the identified potential contamination risk sites, but do not show all three buffer distances due to image scaling that provides a clear distinction of the separate pond and potential contamination risk sites.

This evaluation consisted of the following tasks:

- Aerial photographs were reviewed to develop a history of the previous land uses within the project limits and to identify sites that may have historical uses that pose contamination concerns. GEC contracted with Environmental Data Resources (EDR) to provide historical aerial photographs for the study area and obtained a 2025 aerial photograph from Google Earth. Aerial photographs for the following years were reviewed: 1940, 1951, 1957, 1962, 1969, 1970, 1973, 1976, 1979, 1980, 1991, 1995, 1998, 2007, 2010, 2015, 2019, 2023, and 2025. A summary of our review is discussed in **Section 4.2**. Site-specific details are provided, where appropriate, in **Table 7-1**. Copies of the historical aerial photographs are presented in **Appendix B** with the 500-foot study area outlined.
- Topographic maps can be useful in identifying contamination concerns such as railroads, mined lands, bulk storage tanks, and landfills/disturbed lands. Additionally, land use and water features, including elevation contours, can be identified on topographic maps.
- Topographic maps were reviewed using imagery available from EDR. The USGS 7.5-Minute

“Bradenton and Palmetto, Florida” Quadrangle maps dated 1944, 1947, 1949, 1964, 1969, 1981, 1987, 1994, 2012, 2015, 2018, 2021, and 2024 were reviewed as part of this study. A summary of the review is discussed in **Section 4.3**. Site-specific details are provided, where appropriate, in **Table 7-1**. The topographic maps are provided in **Appendix C**.

- City Directories are historical listings of businesses and residences in a given area, similar to a standard telephone book. The site occupant and addresses listed for previous years can identify past land uses. EDR researched city directories from 1903 through 2024 at approximately 5-year intervals. A summary of the findings are discussed in **Section 4.2**. Site-specific details are provided, where appropriate, in **Table 7-1**. The City Directories are provided in **Appendix C**.
- Fire insurance maps are used by insurance companies in assessing fire risk. These maps contain details about building construction, business type, building contents, fuel storage tanks, and other factors affecting fire risk. Sanborn Fire Insurance maps dated 1922, 1926, 1929, 1948, and 1966 were available for the southern portion of the Study Area. No coverage was available for the portion of the study area north of the river. The “no coverage” letter from EDR is included in **Appendix C**. Site-specific details are provided, where appropriate, in **Table 7-1**. The fire insurance map information is included in **Appendix C**.
- Manatee County Property Appraiser database information was reviewed for suspect contamination sites where other resources may not have provided ample information regarding the site, or to determine addresses, parcel boundaries, and other pertinent information. The Manatee Property Appraiser website is located at: <http://manateepao.gov/>.
- An environmental database search was conducted by EDR on March 12, 2026, to identify sites, facilities, or listings within the study area containing documented or suspected petroleum contamination or other hazardous materials. The EDR report is provided in **Appendix D**.

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

- A site reconnaissance was performed to identify new and/or undocumented contamination sites, and to verify locations of documented contamination sites. Based on the site reconnaissance and desktop review, the sites are rated according to the degree of contamination concern. Some of the typical physical indicators for contamination concerns include: railroad tracks, fill ports and vent pipes associated with Underground Storage Tanks (USTs), Aboveground Storage Tanks (ASTs), oil/petroleum staining, drums, chemical containers, refuse, illicit dumping, solid waste, stressed vegetation, dry cleaning facilities, material handling from adjacent businesses, petroleum dispensers, excavated areas, agricultural use, chemical mix/load areas, stormwater outfall areas, surface water indicators, groundwater monitor wells, restricted area/contamination/hazardous material/petroleum pipeline signage, and cattle dip vats. The reconnaissance included a systematic inspection of each parcel along the project corridor and surrounding areas looking for signs of contamination. This was achieved by, where possible, driving the project limits and walking the parcels within and surrounding the project (where accessible) to gain specific information regarding the usage and condition of each contamination site. Photographs of the contamination concerns were taken during the site inspection. Select images are presented in **Appendix E**.
- Risk ratings were assigned for each contamination site after evaluating the findings of each of the previously mentioned information sources. The rating system defined in the PD&E Manual is divided into four categories of risk that express the degree of concern for contamination problems. The four degrees of risk ratings are **No, Low, Medium, and High** and are defined as follows:

No Risk Site

A review of available information on the property and a review of the conceptual or design plans indicate there is no potential contamination impact to the project. It is possible that contaminants have been handled on the property. However, findings from the Level I evaluation indicate that contamination impacts are not expected.

Low Risk Site

A review of available information indicates that past or current activities on the property have an ongoing contamination issue; the site has a hazardous waste generator identification (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts on the project.

Medium Risk Site

After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact on the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination impacts, and there is reasonable suspicion that contamination may exist, the property should be rated at least as a Medium. Properties used historically as gasoline stations and

have not been evaluated or assessed by regulatory agencies, sites with abandoned-in-place underground petroleum storage tanks or currently operating gasoline stations should receive this rating.

High Risk Site

After a review of all available information and conceptual or design plans, there is appropriate analytical data that shows contamination will substantially impact construction activities, have implications for right-of-way acquisition, or have other potential transfer of contamination-related liability to the FDOT.

All sites located within 500 feet of the right-of-way with open/active discharges (identified using state and/or federal regulatory databases) shall be assigned a risk rating of High or Medium since these sites have the potential to affect at least the permitting for the National Pollutant Discharge Elimination System (NPDES) Generic Permit for Stormwater Discharges from Large and Small Construction Activities, including dewatering activities.

SECTION 4 LAND USES

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

4.1 LAND USE MAP

The local water management district issues land use classifications for the study area. The local land use map is included in **Appendix C** as **Figures C-1A** and **C-1B**. The land use map was obtained from the Florida Department of Environmental Protection Geospatial Open Data. This shapefile is compiled using data from the five Florida Water Management Districts. The study area, or 500-foot Area of Interest (500-ft AOI) from the centerline, is located within the Southwest Florida Water Management District (SWFWMD). The dominant land use types, in addition to their map unit ID numbers, acreages, and percentages, are provided in **Table 4-1**:

Table 4-1: Land Use Classifications (SWFWMD)

Map Unit Symbol	Map Unit Name	Acres within 500-ft AOI	Percent of 500-ft AOI
1100	Residential, Low Density	0.59	0.06%
1200	Residential, Medium Density	103.39	10.98%
1300	Residential, High Density	171.77	18.25%
1400	Commercial and Services	121.27	12.88%
1500	Industrial	80.66	8.57%
1700	Institutional	74.13	7.88%
1800	Recreational	31.59	3.36%
1900	Open Land	51.88	5.51%
4340	Upland Hardwood	11.52	1.22%
5300	Reservoirs	12.09	1.28%
5400	Bays and Estuaries	97.95	10.41%
6120	Mangrove Swamps	1.85	0.20%
6300	Wetland Forested Mixed	26.69	2.84%
6500	Non-Vegetated	0.83	0.09%
8100	Transportation	126.65	13.46%
8300	Utilities	28.4	3.02%
Totals for 500-ft AOI		941.26	100.00%

The dominant land types in this area are residential, high density (18.25%), transportation (13.46%), and commercial and services (12.88%). Land uses with obvious contamination concerns were not identified on the SWFWMD shapefile.

4.2 HISTORICAL AERIAL PHOTOGRAPH REVIEW

Historical aerial photographs of the study area were reviewed to evaluate past land use and to identify features that may indicate hazardous material or petroleum contamination. GEC contracted with EDR to provide historical aerial photographs for the study area. Aerial photographs for the following years were reviewed: 1940, 1951, 1957, 1962, 1969, 1970, 1973, 1976, 1979, 1980, 1991, 1995, 1998, 2007, 2010, 2015, 2019, and 2023. A summary of the review is discussed below. Copies of the historical aerial photographs showing the 500-foot search radius are presented in **Appendix B**.

Beginning in 1940, the Study Area consists of areas of citrus groves (**Site No. 69**) and residential development. Manatee River is observed intersecting the central portion of the alignment, and the northern side of the river is comprised of marshland. In 1957, the existing bridge (**Site No. 48**), land surrounding the bridge, a portion of Manatee Memorial Hospital (**Site No. 46**), and the Bradenton City Water Treatment Plant (**Site No. 14**) were constructed.

North of the Manatee River, a quarry was observed on the east side of the bridge from 1957 through 1970. By 1979, the quarry had been excavated and redeveloped into a marina by 2007.

By 1969, the majority of the citrus groves south of the Manatee River had been cleared and replaced with the construction of residential and commercial areas. The northern expansion of US 41 and the development of the US 301/US 41 interchange are observed north of the Manatee River. By 1979, the majority of the northern areas of citrus groves had been redeveloped.

US 301 was constructed by 1991. The majority of the commercial sites are visible from 1980 through 2023 as development across the Study Area continued to grow.

Site-specific observations from the historical aerial photographs are discussed in **Table 7-1**.

4.3 USGS TOPOGRAPHIC MAP REVIEW

Topographic maps are reviewed to develop an understanding of previous land uses in the project limits and to identify any areas that may show historical, natural, and man-made features that aid in determining contamination concerns. The following information is provided based on a review of the USGS 7.5-Minute "Bradenton and Palmetto, Florida" Quadrangle maps dated 1944, 1947, 1949, 1964, 1969, 1981, 1987, 1994, 2012, 2015, 2018, 2021, and 2024, provided by EDR, were reviewed as part of this study. The topographic maps are presented in **Appendix C**.

Bradenton Maps:

On the 1944 Bradenton Topographic map, the southern section shows US 41 and consists of areas of citrus groves, and the northern section is depicted as urban development. Urban expansion and the bridge (**Site No. 48**) are observed on the 1964 map. The water treatment plant (**Site No. 14**), Manatee Middle School (**Site No. 19**), and Manatee Memorial Hospital (**Site No. 46**) are all visible first. The Atlantic Coast Line Railroad (**Site No. 68**) intersects the Study Area. Bradenton Airport (**Site No. 17**) is listed as abandoned to the west. Besides urban expansion, no significant

change is observed through 2012. No structures or land uses are depicted on the 2012 through 2021 topographic maps.

Palmetto:

On the 1944 Palmetto topographic map, marshland borders the north of Manatee River, areas of citrus groves are observed, and the Atlantic Coast Line Railroad intersects the north central portion of the Study Area. In 1964, US 41 and urban expansion are observed, and a quarry is visible on the north side of Manatee River east of US 41. In 1981, the location of the quarry appears as an excavated pond. No structures or land uses are depicted on the 2012 through 2021 topographic maps.

Other than the quarry, the historical quadrangle maps do not depict landfills, additional quarries, or borrow pits. Aside from a railroad crossing and areas of citrus groves, obvious contamination concerns were not noted during the review of historical topographic maps.

4.4 SITE RECONNAISSANCE

A site visit was conducted on April 1, 2026. The purpose of the reconnaissance was to document current conditions, verify information obtained during the desktop review, and evaluate whether current land uses could result in hazardous material or petroleum product contamination concerns to the project.

The properties within the project study area were visually inspected for evidence of contamination, such as stressed vegetation, tanks, underground tank vent and fill pipes, dumping, accumulated areas of debris, evidence of buried materials, ground staining, monitoring wells, and other potential indicators of current or historical hazardous material or petroleum product releases that could affect the project.

Select photographs and site descriptions are presented in **Appendix E**.

SECTION 5 HYDROLOGIC FEATURES

5.1 *AQUIFERS OF FLORIDA*

The Floridan aquifer is found throughout Florida and extends into the southern portions of Alabama, Georgia, and South Carolina. This aquifer system is comprised of a sequence of limestone and dolomite, which thickens from about 250 feet in Georgia to about 3,000 feet in south Florida. The Floridan aquifer system has been divided into an upper and lower aquifer separated by a unit of lower permeability. The upper Floridan aquifer is the principal source of water supply in most of north and central Florida. In the southern portion of the state, where it is deeper and contains brackish water, the aquifer has been used for the injection of sewage and industrial waste. Groundwater flow is generally from high elevations within the central portion of the state towards the east and west coasts.

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

5.2 *HYDROLOGY – LOCAL*

Within the project limits, the depth to groundwater is relatively shallow, generally ranging from 0 to 5 feet below ground surface in areas adjacent to the riverbanks, and becoming moderately deeper, typically between 5 and 10 feet below the ground surface, across the more elevated or inland portions of the study area. The presence of a shallow water table increases the likelihood of construction encountering groundwater and requiring dewatering during standard roadway and drainage construction activities. The areas with deeper groundwater depths will have less need for dewatering activities during construction.

5.3 *HYDROLOGY – SITE RECONNAISSANCE*

During the site reconnaissance, urban and residential areas were noted within the project limits. Dry ponds were observed. The Manatee River was visible traversing through the central portion of the Study Area.

5.4 *HYDROLOGY – USGS 7.5 MINUTE TOPOGRAPHIC MAPS*

Based on the topographic map, the Manatee River intersects the central portion of the study area, flowing to the west towards Tampa Bay. The north and south portions of the study area generally slope down towards the Manatee River.

5.5 SOILS

The United States Department of Agriculture (USDA) Soil Survey for Manatee County (2023) indicates there are multiple soil types within the study area or 500-ft AOI. A copy of the soil survey is included in **Appendix C**. The dominant soil types, in addition to their map unit ID numbers, acreages, and percentages, are provided in **Table 5-1**:

Table 5-1: Existing Soils (USDA)

Map Unit Symbol	Map Unit Name	Acres within 500-ft AOI	Percent of 500-ft AOI
5	Bradenton fine sand, limestone substratum	82.51	8.77%
7	Canova, Anclote, and Okeelanta soils	1.14	0.12%
9	Canaveral sand, filled	81.95	8.71%
11	Cassia fine sand, 0 to 2 percent slopes	5.16	0.55%
12	Cassia fine sand, moderately well drained	68.28	7.25%
13	Chobee loamy fine sand, frequently ponded, 0 to 1 percent slopes	55.65	5.91%
14	Chobee variant sandy clay loam	8.75	0.93%
16	Delray complex	8	0.85%
17	Delray-EauGallie complex	4.74	0.50%
20	EauGallie-EauGallie wet, fine sand, 0 to 2 percent slopes	283.85	30.16%
21	Estero muck, tidal, 0 to 1 percent slopes	43.26	4.60%
25	Floridana fine sand, 0 to 2 percent slopes	13.03	1.38%
36	Orlando fine sand, moderately wet, 0 to 2 percent slopes	35.84	3.81%
37	Orsino fine sand, 0 to 5 percent slopes	4.99	0.53%
39	Parkwood variant-Chobee, limestone substratum-Parkwood complex	1.21	0.13%
45	Tavares fine sand, 0 to 5 percent slopes	40.47	4.30%
47	Tomoka muck, frequently ponded, 0 to 1 percent slopes	5.3	0.56%
48	Wabasso-Wabasso, wet, fine sand, 0 to 2 percent slopes	87.73	9.32%
54	Zolfo fine sand, 0 to 2 percent slopes	18.82	2.00%
100	Waters of the Gulf of Mexico	90.58	9.62%
Totals for 500-ft AOI		941.26	100.00%

No soil conditions are listed that would represent obvious potential contamination concerns on or in the immediate vicinity of the study area.

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

SECTION 6 INTERVIEWS

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

GEC contacted Mr. Shane Gibbs at the Office of Emergency Response for the Florida Department of Environmental Protection on March 9, 2026, regarding reported spills along US 41 (**Site Nos. 20, 65, 66 and 67**). Mr. Gibbs provided the incident reports and indicated that the Office of Emergency Response considers these incidents closed. Specific information regarding each incident is provided, where appropriate, in **Table 7-1**. The Emergency Response Incident Reports are provided in **Appendix F**.

GEC contacted Mr. Rushil Kasetty, District Contamination Impact Coordinator (DCIC), with the Florida Department of Transportation District One via email on 4/28/26. We requested the asbestos-containing material and metal-based coatings assessments for the existing bridge structures (**Site Nos. 70, 71, 72, 73 and 74**) within the project area. Mr. Kasetty provided the survey reports for four of the existing bridge structures and indicated that the two remaining bridges did not have records. Specific information regarding the existing bridge structures is provided in **Table 7-1**. The bridge survey reports are provided in **Appendix F**.

Given that sufficient information was readily available from the regulatory databases, as well as the historical aerial photographs and topographic maps, interviews with past and present property owners were not conducted.

SECTION 7 PROJECT IMPACTS

Based on the screening evaluation, 74 contamination sites that may impact this project were identified within the study area. These sites are discussed in **Table 7-1**. Pertinent information regarding specific ponds associated with contamination sites is included within the comments column in **Table 7-1**, where necessary. Discussion regarding each individual pond is included in **Table 7-2**. The location of each contamination site and pond is illustrated in **Figures A-1B** through **A-1F** in **Appendix A**. Regulatory back-up documents for these facilities are included in **Appendix F**.

Contamination sites within 500 feet of potential dewatering locations may impact dewatering permitting and may require additional evaluation to determine whether the site will affect the dewatering process.

Site and pond distances were measured using the closest GIS property lines for roadway right-of-ways and parcel boundaries, and not the site identification dots. A site identification dot is intended to show the locations of the site properties, not the property boundaries. A couple of groups of sites share property boundaries; **Map IDs 6 and 7**, and **Map IDs 36 and 37** are examples.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
PREFERRED ALTERNATIVE BEGIN						
1	Jose's Custom Auto Painting 1015 26th Avenue East	FLR000171397	About 1,100 feet southeast of the proposed right-of-way and 380 feet south of Dry Pond 1C Alt. 3	Petroleum Products, Heavy Metals, and Solvents	Low	This site is registered as a conditionally exempt small quantity hazardous waste generator. A November 2010 Hazardous Waste Inspection Report discovered violations due to improper storage and hazardous waste determination. The site returned to compliance shortly following an inspection in January 2011. Based on the lack of known contamination impacts, Map ID 1 is assigned a Risk Rating of Low.
2	United Parcel Service, Inc. 929 26th Avenue East	8624127; FLR000016980	About 980 feet southeast of the proposed right-of-way and 400 feet south of Dry Pond 1C Alt. 3	Petroleum Products, Heavy Metals, Used Oil, and Solvents	Low	This site previously maintained one 550-gallon waste oil Underground Storage Tank (UST) and one 10,000-gallon UST containing leaded gas. Both tanks were removed by September 1990. An Underground Storage Tank Installation and Removal Form indicated that a closure assessment was performed though no official documentation regarding the assessment was available in public records. Following closure activities, a 10,000-gallon UST containing unleaded gas was installed and is currently in use. UST leaks may not be detected, and potential future contamination may migrate from the property even when no complaints, violations or discharges have been recorded at this location. The distance to the right-of-way significantly reduces the potential for an unknown release to impact the project. Based on the lack of known contamination impacts and the distance from the right-of-way, Map ID 2 is assigned a Risk Rating of Low.
3	COW Industries Inc. 925 26th Avenue East	FLR000143461	About 830 feet southeast of the proposed right-of-way and 450 south of Dry Pond 1C Alt. 3	Petroleum Products, Heavy Metals, and Solvents	Low	This site is registered as a conditionally exempt small quantity hazardous waste generator. A hazardous waste inspection was conducted in December 2007 and found the site improperly disposing of used rags. This resulted in the issuance of a Short Form Consent Order from the FDEP. A February 26, 2008, FDEP correspondence indicated that the provisions of the consent order have been met and the case has been closed. No contamination is documented at this site. Based on the lack of known contamination impacts and the distance from the right-of-way, Map ID 3 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
4	Slaughter & Sons Plumbing Inc. 2303 9th Street East	9202265	About 180 feet southeast of the proposed right-of-way and 430 feet south of Dry Pond 1C Alt. 3 80 feet south of FPC 1 Alt. 2, and 450 feet southeast of Dry Pond 1S Alt. 1	Petroleum Products	Low	This site formerly maintained one 550-gallon leaded gas UST that was removed in June 1992. A petroleum discharge was discovered during tank closure activities, and a Discharge Reporting Form (DRF) was filed with the FDEP. Approximately four cubic yards of impacted soil was removed with a confirmatory groundwater sample indicating no exceedances within the groundwater. No further assessment was conducted at the site until soil and groundwater sampling events were performed in April and August 2016. Results indicated no excessive soil or groundwater impacts were found. Following well abandonment activities, the site was subsequently granted a Site Rehabilitation Completion Order (SRCO) in May 2017. The former impacted area was located over 500 feet southeast of the proposed right-of-way and did not extend into the right-of-way. Groundwater flow at this location was towards the north with a groundwater depth of 3-5 feet below the ground surface. Based on the lack of remaining contamination impacts and subsequent SRCO, Map ID 4 is assigned a Risk Rating of Low.
5	Preferred Materials Inc – Bradenton 1709 9th Street East	8624266	About 420 feet northeast of the proposed right-of-way 200 feet north of Dry Pond 1C Alt. 3 and 360 feet northeast of Dry Pond 1N Alt. 1	Petroleum Products and Heavy Metals	Low	This site operates as a concrete product supplier. The site previously maintained one 10,000-gallon and one 11,500-gallon aboveground storage tanks (ASTs) that were removed by October 2012. The site currently maintains one 12,000-gallon and one 270-gallon AST. The most recent March 2023, Storage Tank Inspection Report indicated that the facility is in compliance. No complaints, violations or discharges have been recorded at this location. Based on the lack of known contamination impacts and the distance from the right-of-way, Map ID 5 is assigned a Risk Rating of Low.
6	Tropicana - Public Works Site Reuse Area Bradenton	BF412502000; PF412502001; ERIC_18940	Adjacent to the north of the proposed right-of-way Within Dry Pond 1C Alt. 3 Adjacent to the northeast of Dry Pond 1N Alt. 1, 300 feet north of Dry Pond 1S Alt. 1, 300 feet northwest of FPC 1 Alt. 2, 200 feet north of FPC 1 Alt. 1, 360 feet northeast of Dry Pond 1A Alt. 1 and 330 feet north of Dry Pond 1B Alt. 2	Petroleum Products, PFAS, Ammonia and Heavy Metals	Medium	The Tropicana - Public Works Site Reuse Area encompasses a portion of the Subject Area north of US Highway 301 and west of 9 th Street East. According to a May 2026 Site Assessment Report, the site consists of paved access drives, temporary monitoring wells, stormwater ponds, and a water reclamation system including a pump station, pump control building, and a 10,000-gallon wastewater AST. Historically, the site was developed with a railroad spur and warehouse facilities associated with Bradenton Novelty Co., Inc. in the northwest portion, while the remaining areas were used as citrus groves. The site transitioned through warehouse, parking, and semi-trailer storage uses before being redeveloped into its current configuration by 2010. Site assessments were conducted from July 2024 through May 2025, which revealed soil impacts are present in multiple areas of the site, primarily involving arsenic, with additional selenium and benzo(a)pyrene impacts identified in localized areas. Arsenic concentrations exceeding Florida residential direct-exposure Soil Cleanup Target Levels (SCTLs) were identified in the northwest, north-central, central, and eastern portions of the site, with some areas also exceeding commercial SCTLs. The extent of impacts was generally delineated; however, additional delineation was constrained in certain areas by stormwater ponds, groundwater conditions, vegetation, and property boundaries. Groundwater impacts were identified primarily in the northwest and north-central portions of the site and include arsenic, chromium, ammonia, total recoverable petroleum hydrocarbons (TRPH), lead, and per- and polyfluoroalkyl substances (PFAS) exceeding applicable Florida Groundwater Cleanup Target Levels (GCTLs), Natural Attenuation Default Concentration (NADCs), and Florida’s provisional Groundwater Cleanup Target Levels (P-GCTLs). Arsenic and lead exceedances in some off-site and downgradient wells were determined to be associated with suspended particulates rather than dissolved groundwater impacts. Chromium, TRPH, and certain shallow groundwater impacts were generally delineated; however, ammonia and PFAS impacts may extend beyond the site boundaries to the north, west, and northeast. Access limitations prevented the complete delineation of the northern extent of some groundwater impacts. Additional groundwater investigation was recommended to further delineate the extent of impacts within certain portions of the site, including potential off-site migration and vertical extent. Any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. Further delineation is to the west, north, and northeast away from proposed roadway improvements. Groundwater flow at this location is to the north and northeast away from US 301. Depth to groundwater at this location is between 2-8 feet below the ground surface. Map ID 6 is within Dry Pond 1C Alt. 3 and within 500 feet of Dry Pond 1N Alt. 1, Dry Pond 1S Alt. 1, FPC 1 Alt. 2, FPC 1 Alt. 1, Dry Pond 1A Alt. 1 and Dry Pond 1B Alt. 2. Pond-specific details are discussed in Table 7-2 . Due to the existing soil and groundwater contamination on-site, Map ID 6 is assigned a Risk Rating of Medium.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
7	City of Bradenton DDMS - Trop Trailer Lot 1706 9th Street East	107998	Adjacent to the north of the proposed right-of-way 100 feet northwest of Dry Pond 1C Alt. 3, 260 feet northwest of FPC 1 Alt. 2, Adjacent to the northeast of Dry Pond 1N Alt. 1, 200 feet north of Dry Pond 1S Alt. 1, 330 feet north of Dry Pond 1B Alt. 2, 200 feet north of FPC 1 Alt. 1 and 360 feet northwest of Dry Pond 1A Alt. 1	Heavy Metals, Volatile/Semi-Volatile Organic Compounds and Solid Wastes	Low	This site is an authorized disaster debris management site as of 2023. No record of documented contamination impacts was found in the public record associated with the disaster debris management land use. This debris management site is within Site No. 6 but is outside of areas of known impacts. Based on the lack of known contamination impacts associated with this land use, Map ID 7 is assigned a Risk Rating of Low.
8	BP #00376004; Former Gulf Oil Products 2202 1st Street West & 22nd Avenue	8510785	About 630 feet southwest of the proposed right-of-way 480 feet southwest of Dry Pond 1A Alt. 1	Petroleum Products	Medium	This site formerly operated as a gas station that maintained one 550-gallon and six 3,000-gallon USTs that were removed by October 1987 according to the Storage Tanks and Contamination Monitoring database. No formal closure assessment was available in the public record. The site was historically citrus groves from as early as 1940 through 1962. In 1969 the citrus groves were cleared, and the site was constructed with a gas station. By 1991 the building was cleared, and the site consists of a parking lot for a used truck dealership. According to the city directories, this address was listed as a gas station from 1968 through 1987. No complaints, violations or discharges have been recorded at this location. Due to the lack of a site assessment and the former gas station land use, Map ID 8 is assigned a Risk Rating of Medium.
9	USA Transmissions, Former Fueling Station 2010 1st Street West	FLD984230904	About 200 feet southwest of the proposed right-of-way 270 feet of Dry Pond 1A Alt. 1	Petroleum Products, Heavy Metals, Used Oil and Solvents	Medium	A Hazardous waste inspection was completed on this property that found a violation due to a used oil tank not having a secondary containment. Shortly following the inspection, the violation was corrected and the facility returned to compliance. The site was historically citrus groves from as early as 1940 through 1962. In 1969 the citrus groves have been cleared, and the site was constructed with a gas station. By 1991 the fueling canopy was removed with no significant changes observed through 2023. According to the city directories, the facility was listed as a fueling station from 1968 through 1978. No records could be found in the public file regarding underground storage tank registrations or removal. The potential exists for USTs or petroleum impacts exist on-site. This facility currently operates as an auto exhaust system repair shop that is registered as a small quantity hazardous waste generator. Due to the apparent historical filling station on-site, Map ID 9 is assigned a Risk Rating of Medium.
10	Finishmaster 116 21st Avenue West	FL0000228916	About 300 feet southwest of the proposed right-of-way 390 feet northwest of Dry Pond 1A Alt. 1	Paints, Solvents, and Heavy Metals	Low	This site was previously registered as a conditionally exempt small quantity hazardous waste generator. A November 2010 inspection report states that the property is occupied by a church and the status has been updated to closed. No complaints, violations, or discharges have been recorded at this site. Based on the lack of recorded contamination impacts, Map ID 10 is assigned a Risk Rating of Low.
11	Greenbriar Healthcare Rehabilitation & Nursing 210 21st Avenue West	9813803	About 400 feet west of the proposed right-of-way	Petroleum Products	Low	This site has one active 1,000-gallon emergency generator diesel AST in service that was installed in 2013. The most recent, April 2023, tank inspection indicates the facility is in compliance. No complaints, violations, or discharges have been recorded at this site. Based on the lack of recorded contamination impacts and AST nature of the tank, Map ID 11 is assigned a Risk Rating of Low.
12	Econo Auto Painting of Bradenton 1990 1st Street	FLD103251179	200 feet west of the proposed right-of-way 300 feet northwest of Dry Pond 1A Alt. 1	Heavy Metals, Petroleum Products, Used Oil and Solvents	Low	This site was previously registered as generating hazardous waste. An April 1995, correspondence with the FDEP indicated that the facility is no longer in operation and the status has been updated to closed. No complaints, violations, or discharges have been recorded at this site. Based on the lack of recorded contamination impacts, Map ID 12 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
13	Red Barn 1707 1st Street East	9700329	Adjacent to the east of the proposed right-of-way	Petroleum Products	Medium	This site operates as a flea market that formerly maintained one 4,000-gallon UST containing unleaded gas. The tank was removed by February 1997, no official closure assessment was available in the public record. No complaints, violations, or discharges have been recorded at this site. Due to the lack of assessment information and potential for unreported contamination impacts, Map ID 13 is assigned a Risk Rating of Medium.
14	Bradenton City- WWTP 1810 1st Street West	9046835; 9811382	Adjacent to the west of the proposed right-of-way	Petroleum Products, Nitrates, and Heavy Metals	Low	The water treatment plant was first visible in 1957 on the historical aerial photograph review. The site is registered with two facility IDs. The first indicates that the facility previously maintained one 4,000-gallon underground emergency generator tank, one 2,000-gallon emergency generator AST and one 550-gallon fuel-oil heating UST. All three tanks were removed by February 2013. The site currently maintains two 4,000-gallon emergency generator ASTs. The facility had an out-of-compliance violation that was reported in October 2022 due to failure to provide proper documentation. The issue was resolved by January 2023, and the facility has returned to compliance. The second Facility ID indicates that the facility previously maintained one 10,000-gallon AST used for bulk chemical storage was removed January 2020. A 4,400-gallon AST was installed at this location in April 2018 that is currently in service. No contamination impacts are listed at this facility. Based on the lack of recorded contamination impacts, Map ID 14 is assigned a Risk Rating of Low.
15	City of Bradenton DDMS - 17th Avenue West C&D Site 305 17th Ave West	108551	650 feet west of the proposed right-of-way	Solid Wastes	Low	The site was designated as a disaster debris management site for construction and demolition debris and yard trash during hurricane Helene and Milton in 2024. A March 2025 inspection report indicated that the site has been cleared for closure indicating all debris has been removed with no evidence of a release. Due to no reported hazardous materials or releases, Map ID 15 is assigned a Risk Rating of Low.
16	Pay Less Oil Co. Service Station 1603 / 1615 1st Street	City Directories 1973-78	Adjacent to the east of the proposed right-of-way	Petroleum Products	Medium	This site was located on the east side of South Tamiami Trail south of the Seminole Gulf Railway. EDR identified this site as a gas station under the name Pay Less Oil Service Station in 1973 and 1978. The site was developed with a building from as early as 1940 through 1980. In 1991 the site was cleared and used for the neighboring flea market parking through today. No public records were found for tank registrations or assessment activities at this site. The potential exists for tanks or petroleum impacts to remain on-site. Map ID 6 is located adjacent to this property, along the CSX rail line east of US 41/YS 301 and has a Medium Risk rating. Due to the historical filling station on-site and adjacent Map ID 6 , Map ID 16 is assigned a Risk Rating of Medium.
17	Bradenton Aircraft Center Manatee County 13 th Avenue West	FL49799F966900	About 790 feet west of the proposed right-of-way	Petroleum Products, Chlorinated Solvents and Heavy Metals	Low	This site is located about 790 feet west of the proposed right-of-way and listed as a Formerly Used Defense Site (FUDS). BY 1957 the site was developed with horizontal rows of homes with two additional rows developed in 1962 to the south. By 2007 the site was cleared and currently exists as a vacant partially vegetated lot with a stormwater pond in the southwest corner. Due to the lack of identified hazards or contamination concerns associated with the former military land use and distance from the right-of-way, Map ID 17 is assigned a Risk Rating of Low.
18	1st Street and 13th Avenue West; Minnie L. Rogers Brownfield Area 201 13th Avenue West	107581; BF411603000	Adjacent to the west of the proposed right-of-way	Solid Wastes	Low	According to the city directories this site operated as a community center from 1954 through 2010. The site was cleared by 2015 and designated as a disaster debris management site in 2022. A March 2025 inspection report indicated that the site was cleared for closure indicating all debris has been removed with no evidence of environmental impacts. The site is also designated as a Brownfield Area in July 2016 for the purpose of rehabilitation, economic redevelopment, and environmental remediation. The Brownfield Area designation does not indicate specific potential for contamination within this Brownfield location. Due to a lack of specific contamination concerns, Map ID 18 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
19	Manatee County School BD-Bradenton Mid E 202 13th Avenue East	8841900	Adjacent to the east of the proposed right-of-way	Petroleum Products	Low	This site is an elementary school that previously maintained one 2,000-gallon, one 3,000-gallon and one 1,000-gallon fuel oil heating USTs. The 2,000-gallon UST was removed in 1989. In April 2024, petroleum exceedances were detected within a groundwater sample collected near the eastern UST which resulted in the filing of a DRF. In May 2024, the 3,000-gallon tank was properly closed in place, and the 1,000-gallon tank was removed from the site. During tank removal activities approximately 75.18 tons of petroleum-impacted soil were removed and the site entered Post-Active Remediation Monitoring (PARM) in the former eastern tank area. November 2024, Year 1 - Quarter 2 PARM Report and No Further Action Proposal indicated that groundwater flow is to the northwest, concentrations of petroleum-related constituents were less than their target levels for two consecutive sampling events and no free product was encountered on site. This indicates the interim source removal activities were successful and a No Further Action Status was recommended. On December 16, 2024, the site was granted an SRCO with subsequent well abandonment activities conducted in January 2025. The groundwater flow is documented to the northwest with a depth of about five feet below the ground surface. Based on the lack of remaining subsurface contamination impacts and subsequent SRCO, Map ID 19 is assigned a Risk Rating of Low.
20	Spill Site US 301 at 13th Avenue East	OHMIT_42733	Within the right-of-way	Petroleum Products	Low	In December 2009, as many as seven railcars derailed along the CSX railroad track resulting in the spill of diesel fuel. The stained ballast rock was removed from the site that evening. Approximately 13 tons of contaminated soil were removed and transported for disposal. The groundwater was not encountered during the excavation and since source removal activities were completed in 72 hours, confirmatory sampling was not required for closure. The Office of Emergency Response considered the cleanup satisfactory with no further action needed. Due to the emergency response and FDEP determined NFA status, Map ID 20 is assigned a Risk Rating of Low.
21	Mobile - Bradenton #388 1220 1st Street West	8623989	Adjacent to the west of the proposed right-of-way	Petroleum Products	Medium	This gas station's original fueling system consisted of five 4,000-gallon USTs. In March 2010, all tanks were removed and replaced with three 12,000-gallon USTs that are currently in use. The new USTs were installed approximately 120 feet north of the former tank location. A discharge was reported at this site in December 1988. According to a May 2013, LSSI Site Assessment Report 20-30 tons of impacted soil was removed from the site in November 1995. In January 2013, soil and groundwater samples were collected with results indicating the presence of petroleum constituents below detection limits. The groundwater was resampled in April and May 2013 revealing concentrations below target levels for two consecutive quarters. A No Further Action Status was recommended and SRCO subsequently granted in August 2013 following well abandoned activities. The former plume was located in the original UST area in the southern portion of the property; about 40 feet northwest of the proposed right-of-way and did not extend into the proposed right-of-way. Groundwater flow at this site is generally to the southeast and the groundwater depth is around 5 feet below the ground surface. Due to the facility being an operating gas station, Map ID 21 is assigned a Risk Rating of Medium.
22	Racetrac #100 111 12th Avenue East	9804703	Adjacent to the east of the proposed right-of-way	Petroleum Products	Medium	This gas station was constructed in 2002 with two 12,000-gallon and one 20,000-gallon USTs currently in use. A discharge was reported in January 2018 due to exceedances discovered during spill bucket replacement activities. Soil sampling was conducted in January 2019, revealing no exceedances found. Results from groundwater sampling conducted in September 2018 and January 2019 revealed no contaminants were present above cleanup target levels. The groundwater flow was to the west and the depth was between 4 and 5 feet below the ground surface. The FDEP granted No Further Assessment for the 2018 discharge with subsequent well abandonment activities conducted in June 2019. A second discharge was reported at this site in January 2023 due to a vehicle driving off with the hose. Approximately 30 gallons of gasoline was discharged onto the concrete surface. No storm drains or waterways were impacted. All gasoline impacted absorbent material was collected and properly disposed of. The FDEP reviewed the file and determined the cleanup of the incident was complete and no further assessment or remediation is required. The Department recommended that the project be closed. Both discharges remained on-site and did not extend into the project proposed right-of-way. Due to the facility being an operating gas station, Map ID 22 is assigned a Risk Rating of Medium.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
23	Francisco Delgado 101 11th Avenue West	98616	Adjacent to the west of the proposed right-of-way	Heavy Metals and Polycyclic aromatic hydrocarbons (PAHs)	Low	This site is an inactive waste tire collection site. The site was registered as a tire collection site from 2009 through 2012. No complains, Violations or discharged have been reported at this site. Based on the lack of recorded contamination impacts, Map ID 23 is assigned a Risk Rating of Low.
24	Tropic Enterprises Inc. 1020 East US 301 Boulevard	EDR Hist Auto	Adjacent to the west of the proposed right-of-way	Petroleum Products	Medium	EDR identified this site as a historical gas station from 1977 through 1979. On the 1980 historical aerial photograph the site exhibited the typical footprint of a historical gas station. Multiple cars appear to be parked on the north end of the property. No records could be found in the public file regarding underground storage tank registrations or removal. The potential exists for petroleum impacts or tanks to remain on-site. Due to the apparent historical filling station on-site, Map ID 24 is assigned a Risk Rating of Medium.
25	Advance Auto Parts; Former First Street Shell Service 910 Tamiami Trail	City Directories 1973	Adjacent to the west of the proposed right-of-way 180 feet southwest of Dry Pond 2B Alt. 3	Petroleum Products	Medium	EDR identified this site as a historical gas station in 1973. The address was listed under the name "First Street Shell Service" within the city directories in 1973. A filling station was visible on the southwest corner of 9 th Avenue West at US 41 on the 1929 and 1948 Sanborn maps. The property was occupied with multiple buildings from 1940 through 1962. In 1969 the buildings were cleared and redeveloped with a building that exhibits the typical footprint of a gas station through 1980. In 1991 the site is developed with the current Advance Auto Parts. Due to the apparent historical filling station on-site, Map ID 25 is assigned a Risk Rating of Medium.
26	Mitchell Ivery 231 9th Avenue West	EDR Hist Cleaner	About 460 feet west of the proposed right-of-way	Chlorinated Solvents	Medium	EDR identified this site as a historical dry cleaning facility from 1969 through 1975. Within the city directories the address is listed as a dry cleaner from 1950 through 1973. There were no available documents regarding the dry-cleaning nature of this site in the public record. No records could be found in the public file regarding this historical cleaner. Due to the historical dry cleaning facility on-site, Map ID 26 is assigned a Risk Rating of Medium.
27	National Food Center 909 1st Street	8942848	Adjacent to the east of the proposed right-of-way 90 feet south of Dry Pond 2B Alt. 3 and 490 feet south of Dry Pond 2 Alt. 1	Petroleum Products	Medium	This site formerly operated as a gas station that maintained three underground storage tanks of an unknown size. A March 1989, correspondence to the Florida Department of Environmental Regulation indicated that in 1979 the facility removed the tanks and all gasoline equipment for the road widening of 9th Avenue. A discharge was reported at this site in December 1988 that was deemed ineligible for state-administered cleanup due to the inability to verify contamination existed at the location prior to the reporting deadline. According to the Storage Tanks and Contamination Monitoring database the discharge was granted a Cleanup Not Required status in May 2001, though documentation on that determination was unavailable in the public record. Due to the lack of documentation on the discharge, Map ID 27 is assigned a Risk Rating of Medium.
28	Bryant Commons at MLK Brownfield Area Bradenton	BF411602000	About 370 feet east of the proposed right-of-way 130 feet southeast of Dry Pond 2B Alt. 3	N/A	Low	The Bryant Commons at MLK Brownfield Area encompasses a portion of Subject Area within the southwest corner of the Martin Luther King Jr. Avenue East and 3rd Street East intersection. The Brownfield Area appears to be designated for the economic redevelopment of the city and does not indicate specific potential for contamination within the study area. Based on the lack of recorded contamination impacts, Map ID 28 is assigned a Risk Rating of Low.
29	Bradenton City - Lift Station 120 8th Avenue Drive West	9046830	140 feet west of the proposed right-of-way 270 feet west of Dry Pond 2B Alt. 3, 440 feet southwest of FPC 2 Alt. 1, 320 feet southwest of Dry Pond 2 Alt. 1 and 460 feet southeast of Dry Pond 2A Alt. 2	Petroleum Products	Medium	This site previously maintained a 1,000-gallon UST that was installed at an unknown date and removed in February 1990. No official closure assessment was available within the public record. No complaints, violations, or discharges have been recorded at this site. Due to the lack of assessment information and the potential for unreported contamination impacts, Map ID 29 is assigned a Risk Rating of Medium.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
30	The Pumphouse Station Brownfield Area Bradenton	BF411301000	Adjacent to the west of the proposed right-of-way Within Dry Pond 2A Alt. 2 120 feet west of Dry Pond 2B Alt. 3, 280 feet west of FPC 2 Alt. 1, 150 feet west of Dry Pond 2 Alt. 1 and 440 feet southwest of Dry Pond 3A Alt. 2	Petroleum Products and Heavy Metals	Low	The Pumphouse Station Brownfield Area encompasses a portion of the Subject Area within the southwest corner of the 6th Avenue West and US 41 intersection. The Brownfield Area appears to be designated for the economic redevelopment of the city and does not indicate specific potential for contamination within the study area. Based on the lack of recorded contamination impacts, Map ID 30 is assigned a Risk Rating of Low.
31	Econo Auto Painting 801 1st Street	FLD982173254	Adjacent to the east of the proposed right-of-way Within Dry Pond 2B Alt. 3 120 feet south of FPC 2 Alt. 1 and 60 feet south of Dry Pond 2 Alt. 1	Heavy Metals, Petroleum Products, Used Oil and Solvents	Low	This site is an auto painting and detailing facility that's registered as a very small quantity hazardous waste generator. According to the most recent March 2026, Hazardous Waste Inspection, the site had a minor violation due to the failure to provide hazardous waste records. No complaints or discharges have been reported at this location. This site is within Dry Pond 2B Alt. 3. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 31 is assigned a Risk Rating of Low.
32	Westminster Publications Inc. 717 First Street East	FLD039195151	Adjacent to the east of the proposed right-of-way Within FPC 2 Alt. 1, Dry Pond 2 Alt. 1 40 feet north of Dry Pond 2B Alt. 3 and 480 feet south of Dry Pond 3A Alt. 2	Heavy Metals and Solvents	Low	This site operated as a printing facility and was originally registered as a small quantity hazardous waste generator in 1986. An April 2012 Hazardous Waste Inspection Report indicated that the site was now a vacant lot, and the status has been updated to closed. No complaints, violations, or discharges have been recorded at this site. This site is within Dry Pond 2 Alt. 1 and FPC 2 Alt. 1. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 32 is assigned a Risk Rating of Low.
33	Wawa #5165; Westminster Publications Inc. 601 / 701 1st Street East	9814211; 8510899; FLR000212852	Adjacent to the east of the proposed right-of-way Within Dry Pond 2 Alt. 1 and FPC 2 Alt. 1 70 feet north of Dry Pond 2B Alt. 3 and 220 feet south of Dry Pond 3A Alt. 2	Petroleum Products, Heavy Metals and Solvents	High	This site was formerly occupied by an auto repair shop from 1929 through 1964 under the name "Dixie Grande Garage Auto Repairs," according to the city directories. It then operated as a service station from 1968 through 1983. The site reportedly maintained seven USTs ranging from 550- to 4,000-gallons in size. According to a Stationary Tank Registration/Notification Form filed in December 1987, all tanks were removed from the site, and the facility no longer operated as a service station. No discharges were reported in association with this facility. The Wawa gas station that is currently on site was constructed in 2015. The facility was constructed with three 20,000-gallon USTs containing unleaded gas that are currently in use. No discharges were reported in association with this facility. The Wawa is also registered as a very small quantity hazardous waste generator. The facility is currently in compliance according to the most recent November 2019, hazardous waste inspection. This site is within Dry Pond 2 Alt. 1 and FPC 2 Alt. 1. Pond specific details are discussed in Table 7-2 . Due to the facility being an operating gas station, Map ID 33 is assigned a Risk Rating of High in the event that the existing gas station needs to be decommissioned and removed to excavate Dry Pond 3A Alt. 2 and or FPC Alt 1.
34	Florida HRS McPhu Poll Cont. Lab 202 6th Avenue East	FLD982075822	About 500 feet east of the proposed right-of-way 140 feet northeast of Dry Pond 2B Alt. 3, 100 feet northeast of FPC 2 Alt. 1, 40 feet east of Dry Pond 2 Alt. 1 and 250 feet southeast of Dry Pond 3A Alt. 2	Medical Wastes	Low	This site was previously registered as a small quantity hazardous waste generator. A September 2014, Hazardous Waste Inspection Report indicated the facility was vacant and the status was updated to closed. No complaints, violations, or discharges have been recorded at this site. Based on the lack of recorded contamination impacts, Map ID 34 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
35	Manatee County Health Department 410 6th Avenue East	8944471	About 760 feet east of the proposed right-of-way 470 feet northeast of FPC 2 Alt. 1 and 430 feet east of Dry Pond 2 Alt. 1	Petroleum Products	Medium	A former 550-gallon underground emergency generator tank was removed from this location and replaced with an aboveground tank in February 1999. During removal activities petroleum impacted soil and free product were discovered resulting in the submission of a DRF. In September and October 2001, approximately 456 tons of petroleum contaminated soils were removed, and free product was encountered at the south edge of the building and in former MW-8. A bioaugmentation process was conducted at the site intermittently from January 2008 through March 2009. Post active remedial monitoring (PARM) identified an increase of free product in MW-8. In June 2009, 3,000-gallons of contaminated groundwater were extracted from the well using a vacuum truck. In an attempt to determine the source of the free product in MW-8 20.84 tons of soil was removed. A break in copper tubing, that was determined to be a former product return line, connected to the generator was discovered. A lateral well was installed to flush any potential remaining free product. The site entered into PARM with sampling events conducted from July 2012 through the most recent event January 2016. A March 2016, Site Rehabilitation Completion Report and Request for Low-Scored Site Initiative (LSSI) NFA indicated the most recent sampling event revealed no excessively contaminated soil exists on-site as a result of this release. An exceedance of a non-discharge contaminant Benzo(a)pyrene was detected at a stormwater basin, but because concentrations of PAHs are commonly detected in stormwater basins and are routinely removed as part of normal stormwater pond maintenance, the presence of PAHs from the soil samples collected from the basin are not considered a release to the environment. Contaminants of concern are present in the groundwater within an area less than one-quarter acre in size, are confined to the source property boundaries, and did not extend off site. The plume is located over 800 feet east of the proposed right-of-way and about 490 feet east of Dry Pond 2 Alt. 1. Pond specific details are discussed in Table 7-2 . On March 24, 2016, the FDEP approved a LSSI No Further Action Order for the site. Historically the groundwater flows to the northeast and is found 4 to 6 feet below the ground surface. Due to the known groundwater contaminants on-site, Map ID 35 is assigned a Risk Rating of Medium.
36	Bradenton City - Police Headquarters 255 6th Avenue West	9821045	360 feet west of the proposed right-of-way Within Dry Pond 2A Alt. 2 490 feet west of Dry Pond 2 Alt. 1	Petroleum Products	Low	A police headquarters facility is currently being constructed as of the time of this report. One 9,908-gallon AST containing vehicular diesel was installed at this facility in January 2026. No complaints, violations, or discharges have been recorded at this site. This is the site of a former gasification plant and associated land use restrictions that are discussed as Map ID 37 . Based on the above-ground tank having a limited risk for “undiscovered discharges” due to the visibility of the tank and surrounding ground, Map ID 36 is assigned a Risk Rating of Low.
37	Bradenton Gas Plant 705 3rd Street West	ERIC_6985	570 feet west of the US 41 right-of-way Within Dry Pond 2A Alt. 2	Petroleum Products, Cyanide, Arsenic, Ammonia, Sulfates, PAHs and Volatile/Semi-Volatile Organic Compounds	High	According to a December 2022, Institutional Controls and Engineering Controls Audit Program Report this site operated as a gas plant from approximately 1926 through 1956. Soil assessments were completed from 1994 to 2013, and groundwater assessments were completed from 1990 to 2014. Several soil excavations have taken place on the Site. The first excavation took place in May 1996 and consisted of the removal of approximately 5,200 tons of impacted soil. A second excavation took place from January to May 2009 and consisted of the removal of approximately 541 tons of impacted soil. The most recent excavation took place from July 2013 to October 2014 and consisted of the removal of approximately 1,621 tons of impacted soil. On May 18, 2017, the FDEP issued a Conditional SRCO with associated land use restrictions. Future development activities involving into the soil is not prohibited provided any contaminated soils are removed and properly disposed. For any dewatering activities, a plan pre-approved by FDEP’s Division of Waste Management (DWM) must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. Land Use restriction limits extend off-site across westbound SR 64 to the north and do not extend into the proposed right-of-way. The contamination resulted from discharges discovered in 1993 when the U.S. Environmental Protection Agency provided a Site Inspection report. Contaminants consisted of metals PAHs, SVOCs, and VOCs in soil and groundwater. The groundwater flows to the northwest and is at a depth of about 4 to 10 feet below the ground surface. Groundwater impacts are in the northwest portion of the site and extend off-site under Sixth Avenue West. The groundwater contamination plume is located about 600 feet west of the proposed right-of-way and within Dry Pond 2 Alt. 2. Pond specific details are discussed in Table 7-2 . In June 2023, a letter was sent to the FDEP that the property was being transferred to the City of Bradenton through eminent domain. The site is currently being developed with police headquarters. Due to the former gasification plant usage of the site and extent of known impacts with Dry Pond 2 Alt 2, Map ID 37 is assigned a Risk Rating of High.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
38	City Fuel Oil Co. 419 6th Avenue West	9100228	About 1,000 feet west of the proposed right-of-way 360 feet west of Dry Pond 2A Alt. 2	Petroleum Products	Low	CSX Transportation leased the property to the City Fuel Oil Company from the 1970's until 1985. During this period, the site maintained six aboveground storage tanks of an unknown size storing diesel fuel. All the tanks were removed according to a July 1990 prepurchase environmental site audit that was unavailable in the public record. The audit indicated that petroleum compounds were detected within groundwater samples resulting in the submission of a DRF. The site received an SRCO in May 1995 following four quarters of post treatment monitoring demonstrating the site has met cleanup criteria. The former plume was historically located in the northwest corner of the property greater than 1,000 feet west of the proposed right-of-way and 360 feet west of Dry Pond 2A Alt. 2. Pond specific details are discussed in Table 7-2 . Groundwater flow is historically to the east-northeast and the groundwater depth is about five feet below the ground surface. Based on the lack of remaining contamination impacts and subsequent SRCO, Map ID 38 is assigned a Risk Rating of Low.
39	Robinson Sports Inc. 311 Manatee Avenue West	8943444	About 700 feet west of the proposed right-of-way 100 feet northwest of Dry Pond 2A Alt. 2	Petroleum Products	Low	According to a March 1990 Contamination Assessment Report / No Further Action Proposal, during an assessment conducted on the property to the east, two wells were constructed on this site. During construction on this site, a petroleum odor was detected. This detection was unrelated to the investigation being conducted on the property to the east. Apparently, this site was previously used as a vehicle maintenance facility for the Manatee County School District that maintained an underground fuel tank. A magnetometer survey was conducted to determine the location of a possible buried tank. The survey did not reveal any buried tanks, drums or pipelines in those areas of the property which were surveyed. The contamination assessment report indicated that the soil contamination was residual, and that the source (likely a UST) had been previously removed. Subsequent groundwater sampling revealed concentrations below target levels. Approximately 363.22 tons of contaminated soil was removed from this site in December 1990. Additional groundwater sampling was conducted in April 1991 which revealed no detectable concentrations from any sample tested. On May 13, 1991, the FDEP granted the site a SRCO. The former plume was located within the southwestern corner of the parking lot greater than 900 feet from the US 41 right-of-way and about 150 feet northwest of Dry Pond 2A Alt. 2. Pond specific details are discussed in Table 7-2 . The groundwater depth was historically found between 3 to 4 feet below ground surface and generally flowing to the west-southwest. In October 2006, an aboveground emergency generator tank was installed on-site. An out of compliance violation was discovered during a 2010 inspection due to failure to provide financial responsibility. This resulted in the issuance of a short form consent order which was resolved in January 2011. The facility is currently out of compliance due to corrosion discovered during a March 2024 Storage Tank Inspection. Based on the lack of remaining contamination impacts and subsequent SRCO, Map ID 39 is assigned a Risk Rating of Low.
40	Manatee County School BD - Admin Building 215 Manatee Avenue West	8623985	About 350 feet west of the US 41 right-of-way 60 feet north of Dry Pond 2A Alt. 2	Petroleum Products	Low	The site operates as a Manatee County School District support center that currently maintains one 2,800-gallon AST and previously maintained six USTs ranging from 550-gallons to 6,000-gallons in size. All former tanks were removed by 1999. One discharge was reported at this facility in January 1987 due to groundwater contamination detected during the installation of leak detection monitoring wells. Remediation activities including soil excavation, groundwater and soil analysis were conducted at this site. According to a February 2018 Template Site Assessment Report, the most recent site assessments did not identify contamination within the soil and groundwater samples analyzed. the site received an SRCO on September 20, 2018. The former plume was located within the southwest corner of the parking lot over 600 feet from the US 41 right-of-way and about 60 feet north of Dry Pond 2A Alt. 2. Pond specific details are discussed in Table 7-2 . Groundwater flow was historically to the west and the groundwater depth was 6 to 8 feet below the ground surface. Based on the lack of remaining contamination impacts and subsequent SRCO, Map ID 40 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
41	CVS Pharmacy #5245; Former Chevron - Mcnitt Foodmart 520 1st Street West	8510778; FLR000191445	Adjacent to the west of the proposed right-of-way 200 feet northwest of Dry Pond 2 Alt. 1, 280 feet northeast of Dry Pond 2A Alt. 2, 240 feet southwest of Dry Pond 3A Alt. 2, and 390 feet northwest of FPC 2 Alt. 1	Petroleum Products and Hazardous Materials	Low	The site is a former CVS Pharmacy and Chevron gas station that maintained one 1,000-gallon UST and four 10,000-gallon USTs. The 1,000-gallon tank was removed in December 1987, and the remaining four tanks were removed in March 2003. One discharge was reported at the site in May 1990 due to odors detected in compliance wells during an annual inspection. A December 1994 sampling event found contaminants above cleanup target levels in MW-9. Additional sampling in March 2002 identified contaminants slightly above cleanup target levels in CW-1 and CW-2. April 2004 assessment activities found no detectable levels of contaminants in groundwater samples and soil samples from the former UST area. The site was recommended for No Further Action status. A SRCO was issued for the site in May 2004. Pond specific details are discussed in Table 7-2 . Based on the lack of remaining contamination impacts and subsequent SRCO, Map ID 41 is assigned a Risk Rating of Low.
42	White Way Service Station 101 Manatee Avenue West	City Directories 1929	Adjacent to the west of the proposed right-of-way 300 feet northwest of Dry Pond 3A Alt. 2, 460 feet southwest of Dry Pond 3B Alt. 3, 230 feet southwest of VB-3A Alt. 1 and 450 feet south of VB-3B Alt. 1	Petroleum Products	Medium	This facility was located on the west side of U.S. 41 near the intersection of U.S. 41 and Manatee Avenue West. EDR identified this site as White Way Service Station in 1929. The site was depicted on the Sanborn maps as a gas station in 1929, vacant on the 1948 map, and occupied by a restaurant on the 1966 map. A portion of this property lies beneath the US Highway 41 and Manatee Avenue intersection. Based on historical aerial photographs, the gas station could not be confirmed. The historical building was demolished by 1995, and replaced by a Checkers drive through restaurant through 2013. The current self-storage building was constructed by 2022. No records could be found of tank registrations or assessment activities at this site. The potential exists for tanks or petroleum impacts to remain on-site. Pond specific details are discussed in Table 7-2 . Due to the apparent historical filling station on-site, Map ID 42 is assigned a Risk Rating of Medium.
43	302 Manatee Avenue / Beverly Enterprises 302 Manatee Avenue	ERIC_11545	About 860 feet east of the proposed right-of-way 400 feet southeast of Dry Pond 3B Alt. 3	Hydraulic Oil	Low	The site is a medical facility that had a Phase II assessment conducted in February 2003 due to a hydraulic leak within an elevator on-site. The report claimed approximately 5 to 10 gallons were leaking from the system per week for a significant period of time. Contaminants were identified in one soil boring above cleanup target levels; however, the remaining three soil borings and two monitoring well samples did not report contaminants above laboratory detection limits. Analytical results found that soil contamination are restricted to an area of roughly 2 feet by 2 feet. A May 2003 re-sampling event confirmed the area of soil contamination and confirmed that the impacted area does not appear to be affecting groundwater in the vicinity. Regulatory closure of the site was recommended in the report, though no official closure document is available in the public file. Pond specific details are discussed in Table 7-2 . Due to the sites distance from the right-of-way and contaminants not found within the groundwater, Map ID 43 is assigned a Risk Rating of Low.
INTERIM IMPROVEMENTS BEGIN						
44	Sinclair Refining Co Service Station / Sanders Fernando C Filling Station 131 Manatee Avenue East	City Directories 1931-39	About 200 feet east of the proposed right-of-way 100 feet north of Dry Pond 3A Alt. 2, adjacent to the southwest of Dry Pond 3B Alt. 3 and 250 feet southeast of VB-3A Alt. 1	Petroleum Products	Medium	This site was located on the east side of U.S. 41 near the intersection of U.S. 41 and Manatee Avenue East. EDR identified this site as a historical gas station from 1931-1939. Based on the historical aerial photograph review, a building is visible from 1940 through 1962. In 1962 the widening of Manatee Avenue East is observed, and in 1969 the former site location lies beneath Manatee Avenue East and the Manatee Memorial Hospital parking lot. No records could be found of tank registrations or assessment activities at this site. The potential exists for tanks or petroleum impacts to remain on-site. Pond specific details are discussed in Table 7-2 . Due to the apparent historical filling station on-site, Map ID 44 is assigned a Risk Rating of Medium

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
45	Bradenton Herald 102 Manatee Avenue West	8630014; FLR000021345	Adjacent to the west of the proposed right-of-way Within VB-3B Alt. 1 330 feet northwest of Dry Pond 3A Alt. 2, 420 feet west of Dry Pond 3B Alt. 3, 120 feet west of VB-3A Alt. 1, 140 feet south of Dry Pond 3C Alt. 3 and 260 feet southwest of FPC 3A Alt. 1	Petroleum Products, Heavy Metals, Solvents, Used Oil and Volatile/Semi- Volatile Organic Compounds	Low	In 1991 the site was developed with the newspaper facility. In 2019 the site was cleared and developed with the current apartment complex. The former local newspaper maintained one 4,000-gallon UST and one 1,000-gallon AST. Following the April 1997 removal of the 4,000-gallon tank, a discharge was discovered as a part of the tank closure assessment. A September 1997 Limited Contamination Assessment Report found that both soil and groundwater samples were below cleanup target levels and recommended the site for No Further Action status. The facility was granted a SRCO in February 1998. The facility was also registered as a conditionally exempt small quantity hazardous waste generator. The facility was cited for violations in October 2008 for incorrect labelling of Used Oil 55-gallon drums and for a lack of secondary containment. The violations were corrected subsequent to the inspection. The facility was found to be closed and replaced by a residential apartment complex during a September 2024 inspection. Pond specific details are discussed in Table 7-2 . Due to the redevelopment of the site into an apartment complex and SRCO, Map ID 45 is assigned a Risk Rating of Low.
46	Manatee Memorial Hospital 206 2nd Street East	9100283; FLD982098782	Adjacent to the east of the proposed right-of-way Within VB-3A Alt. 1 and Dry Pond 3B Alt. 3 110 feet north of Dry Pond 3A Alt. 2, 120 feet east of VB-3B Alt. 1, 300 feet east of Dry Pond 3C Alt. 3, adjacent to the east of FPC 3A Alt. 1, 350 feet southeast of FPC 3B Alt. 1, 350 feet southeast of VB-3G Alt. 2, 350 feet of Wet Pond 3 Alt. 1, adjacent to the south of VB-3D Alt. 1, 125 feet south of VB-3F Alt. 2 and 450 feet south of VB-3H Alt. 2	Petroleum Products, Heavy Metals and medical wastes	Low	In 1957 the medical facility is first visible. The site maintains one 18,205-gallon and two 6,000-gallon ASTs containing emergency generator fuel. Four 550-gallon to 6,136-gallon USTs had previously been removed. The facility was found to have violations twice in May and June 2007 for no financial responsibility and not performing release detection once a month. The facility has had additional minor violations since then and most recently returned to compliance in May 2023. The facility is also registered as a small quantity hazardous waste generator and was found to have ten violations during inspection in April 2000. The identified violations included waste container labels and identification, failure to inspect areas where containers are stored, failure to label batteries, failure to label used oil containers, failure to train employees in handling and emergency procedures, failure to properly store broken lamps or devices, and failure to label containers properly when containing lamps or devices containing mercury. The facility submitted corrective action for the violations in July 2000. This site is within VB-3A Alt. 1 and Dry Pond 3B Alt. 3. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 46 is assigned a Risk Rating of Low.
47	GenesisCare USA of Florida LLC 200 3rd Avenue West Suite 210	FLR000242305	Adjacent to the west of the proposed right-of-way Within Dry Pond 3C Alt. 3 90 feet northwest of VB-3B Alt. 1, 290 feet southwest of FPC 3A Alt. 1, 80 feet southwest of FPC 3B Alt. 1 and 80 feet south of VB-3G Alt. 2	Heavy Metals And Medical Wastes	Low	The site was a medical facility that was registered as a very small quantity hazardous waste generator in March 2021. The most recent inspection of the site in October 2024 found that the facility had been closed/moved. No complaints, violations, or discharges have been recorded at this location. This site is within Dry Pond 3C Alt. 3. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 47 is assigned a Risk Rating of Low.
48	US Highway Bridge over the Manatee River (Bridge No. 130053) US Highway 41	N/A	Within the right-of-way 120 feet northeast of Wet Pond 3 Alt. 1, adjacent to the northeast of VB-3C Alt. 1, 245 feet northwest of VB-3D Alt. 1, 420 feet northwest of VB-3F Alt. 2, 240 feet northwest of VB-3H Alt. 2, and 90 feet northwest of VB-3E Alt. 1	Asbestos and MBCs	High	A 2011 Asbestos and Protective Coatings Survey Report, provided by HNTB detailed the sampling of potential asbestos-containing materials and areas of potential lead-based paint. No lead-based paint materials that met EPA's definition were detected. Three samples were determined to contain asbestos. Additionally, this asbestos-containing material, black tar paper located between end bents and bridge decking, was determined in the field to be friable, indicating it would require special handling during the eventual demolition of the bridge. Pond specific details are discussed in Table 7-2 . Due to the asbestos-containing materials requiring special handling, the bridge (Map ID 48) is assigned a Risk Rating of High.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
49	Palmetto Economic Enhancement District Palmetto	BF411201000	<p>Within and adjacent to the proposed right-of-way</p> <p>Within VB-4A Alt. 2, Dry Pond 4 Alt. 1, Dry Pond 4B Alt. 3, VB-4B Alt. 2, Dry Pond 4C Alt. 3, Wet Pond 4D Alt. 3, VB-4C Alt. 2, Dry Pond 6S Alt. 3, Swale 6SA Alt. 2, VFS-6S Alt. 2, Swale-6S Alt. 1, Swale 6N Alt. 2, VFS-5S Alt. 2, Swale 5SA Alt. 2, Dry Pond 5SA Alt. 3, Swale 5S Alt. 1, Swale 5N Alt. 3, Wet Pond 5NB Alt. 2, Wet Pond 5N Alt. 1, Dry Pond 5NA Alt. 1, 2 & 3, Dry Pond 6NA Alt. 2, Wet Pond 6NA Alt. 1, Dry Pond 6N Alt. 1 & 3, Wet Pond 7A Alt. 1, Swale 7 Alt. 3, VFS-7 Alt. 2, Dry Pond 7 Alt. 1, 2 & 3, Swale 8A Alt. 3, Wet Pond 8 Alt. 1, Swale 8 Alt. 3, Dry Pond 8B Alt. 3, Dry Pond 8A Alt. 1 & 2, VFS-8 Alt. 2, VB-9A Alt. 1 & 2, VB-9B Alt. 1 & 2, Dry Pond 9 Alt. 3, Wet Pond 9C Alt. 2, VB-9C Alt. 1 & 2, Wet Pond 10A Alt. 2, VB-9F Alt. 1, Baffle Swale 10 Alt. 1 & 2</p> <p>Adjacent to the northwest of Wet Pond 4A Alt. 2 and adjacent to the west of Wet Pond 4E Alt. 4</p>	N/A	Low	<p>The Palmetto Economic Enhancement District Brownfield Area encompasses a portion of the City of Palmetto, north of the Manatee River. The Brownfield Area appears to be designated for the economic redevelopment of the city and does not indicate specific contamination sites within the study area.</p> <p>Pond specific details are discussed in Table 7-2.</p> <p>Based on the lack of recorded contamination impacts, Map ID 49 is assigned a Risk Rating of Low.</p>

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
50	Riviera Dunes Marina Condo Association 102 Riviera Dunes Way	9804458	About 500 feet east of the proposed right-of-way 440 feet northeast of Wet Pond 4A Alt. 2, 270 feet northeast of VB-4A Alt. 2, 100 feet east of Dry Pond 4 Alt. 1, 100 feet east of Dry Pond 4B Alt. 3, 380 feet southeast of VB-4B Alt. 2, 400 feet southeast of Dry Pond 4C Alt. 3 and 350 feet south of Wet Pond 4D Alt. 4	Petroleum Products	Low	The site is a residential community, marina, and marine fuel station. The facility maintains one 12,000-gallon diesel AST that was installed in January 2001. The facility has been in compliance since their last inspection in February 2023. No complaints or discharges have been recorded at this location. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 50 is assigned a Risk Rating of Low.
51	102 1st Street East Property 102 1st Street East	N/A	Adjacent to the east of the proposed right-of-way Within Dry Pond 4 Alt. 1, Dry Pond 4B Alt. 3, VB-4B Alt. 2 360 feet north of Wet Pond 4A Alt. 2, 40 feet north of VB-4A Alt. 2, adjacent to the south of Dry Pond 4C Alt. 3, 50 feet south of Wet Pond 4D Alt. 4 and 420 feet south of Wet Pond 4E Alt. 4	Hazardous Materials	Low	A Phase I Environmental Site Assessment was conducted at this property in 2018; no Recognized Environmental Concerns were identified. The property has historically been undeveloped, vacant land with no apparent uses. No obvious indications of contamination impacts were identified. This site is within Dry Pond 4 Alt. 1, Dry Pond 4B Alt. 3 and VB-4B Alt. 2. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 51 is assigned a Risk Rating of Low.
52	7-Eleven Food Store #33110 208 US Highway 41	9804045	Adjacent to the east of the proposed right-of-way Within Dry Pond 4C Alt. 3 220 feet north of Dry Pond 4 Alt. 1, 220 feet northwest of Dry Pond 4B Alt. 3, adjacent to the north of VB-4B Alt. 2, 60 feet west of Wet Pond 4D Alt. 4 and 460 feet west of Wet Pond 4E Alt. 4	Petroleum Products and Hazardous Materials	High	The site is an active fuel station that maintains one 15,000-gallon UST and two 10,000-gallon USTs that were installed in July 2001. One discharge was reported at the site in February 2004 following the replacement of the overfill buckets. Initial sampling in February 2004 indicated exceedances in both soil and groundwater. An August 2004 Site Assessment Report found no exceedances in either soil or groundwater samples and recommended the site for NFA status but the NFA was not granted. Additional monitoring took place at the site from September 2005 through January 2008. The facility was granted a SRCO in February 2008. The former impacted area was in proximity to the USTs, about 30 feet east of the proposed right-of-way and did not extend within the right-of-way. Groundwater depth at the site was identified as <1 foot, and the groundwater flow is towards the southwest. Dry Pond 4C Alt. 3 encompasses this potential contamination site. Even though the gas station has an SRCO, the act of removing the gas station would involve decommissioning an active tank system. The pond site is discussed in Table 7.2 . Due to the facility operating as an active gas station that would require demolition and removal if Dry Pond 4C Alt. 3 is constructed, Map ID 52 is assigned a Risk Rating of High.
53	Ellenton Standard Service Station 502 US Highway 301	EDR Hist Auto 1971	Adjacent to the east of the proposed right-of-way 350 feet north of VB-4B Alt. 2, 130 feet north of Dry Pond 4C Alt. 3 and 330 feet northwest of Wet Pond 4D Alt. 4	Petroleum Products	Low	This site was located on the east side of U.S. 41 near the intersection of U.S. 41 and Haben Boulevard. EDR identified this site as a gas station under the name Ellenton Standard Service Station in 1971. The location of this site could not be confirmed in the 1962-1980 aerial photographs. No buildings or facilities appear along the east of US 41 in this vicinity in 1970. No records could be found of tank registrations or assessment activities at this site. Based on the absence of visible or documented buildings or facilities during the timeframe in which EDR identified the gas station, it is assumed that the facility likely did not exist at this location. Pond specific details are discussed in Table 7-2 . Due to the historical undeveloped nature of the property, Map ID 53 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
54	Former Texaco 711 US Highway 301	8623833	Adjacent to the west of the Proposed right-of-way Within VFS-5S Alt. 2, Swale 5SA Alt. 2, Dry Pond 5SA Alt. 3, Swale 5S Alt. 1 230 feet northwest of VB-4C Alt. 2, 180 feet west of Dry Pond 6S Alt. 3, 220 feet west of Swale 6SA Alt. 2, 180 feet west of VFS-6S Alt. 2, 180 feet west of Swale-6S Alt. 1, 230 feet south of Swale 5N Alt. 3 and 100 feet south of Wet Pond 5NB Alt. 2	Petroleum Products	High	The site is a former fuel station that previously maintained one 550-gallon UST and three 8,000-gallon USTs. The tanks were removed from the site in 2004. A discharge was reported at the facility in August 1987. A groundwater remediation system was installed in 1991 and remained in operation through 1995. A Remedial Action Report from 1995 detailed several exceedances in OW-4. Additional assessment was not initiated until March 2013. Groundwater results indicated exceedances in OW-3 and OW-4 located in the former UST area, and in OW-2 and MW-6 located in the former dispenser area. No additional work was done at the site until a site assessment was completed in October 2023. No exceedances were found in soil samples but exceedances continued in groundwater samples collected from MW-6, MW-13, and MW-14. No additional monitoring or remedial action has occurred at the facility since. The discharge is currently listed as inactive. Depth to groundwater is 6.77 feet. The groundwater flow is to the west. This site is included in VFS-5S Alt 2, Swale 5SA Alt 3, Dry Pond 5SA Alt 3 and Swale 5SA Alt 1. Pond specific details are discussed in Table 7-2 . Due to the known groundwater contamination on-site and the need for Level III support if a swale or pond is excavated on-site, Map ID 54 is assigned a Risk Rating of High.
55	Citgo-Palmetto 203 10th Street West	8624235	About 200 feet west of the proposed right-of-way 290 feet west of Swale 5N Alt. 3, 480 feet northwest of Wet Pond 5NB Alt. 2, 440 feet west of Wet Pond 5N Alt. 1, and 280 feet west of Swale 5S Alt. 3	Petroleum Products	Medium	The site is an active fuel station that maintains three 10,000-gallon unleaded gas USTs that were installed in July 2004. Previously the site maintained thirteen registered USTs varying from 4,000- to 8,000-gallons in volume. Four discharges were reported at this facility between December 1988 and February 2003. An October 1994 Contamination Assessment Report (CAR) identified excessively contaminated soil and various exceedances in groundwater samples at the site. In June 2003, the site was assigned an imminent threat status due to the leaching of petroleum hydrocarbons into a nearby stream east of the subject property that flows into the Manatee River. Between May and June 2004 source removal activities were performed, 146,000 gallons of groundwater was recovered and treated; 3,979 tons of impacted soil were removed from the site. Post Active Remediation Monitoring (PARM) was performed in 2005 and 2006, imminent threat status was then removed in October 2007 based on the data collected. Work on the site was suspended until 2014 due to the low priority score of the facility. In May 2014, the December 1994 and January 2002 discharges were given a status of No Cleanup Required due to the discharges being near/related to the same areas of contamination as the December 1988 and February 2003 discharges. A Remedial Action Plan (RAP) was authorized in July 2017, and in July 2018 an air sparging and soil vapor extraction (AS/SVE) system was constructed. The system was active for four quarters of operation beginning in October 2018 and was transitioned into PARM. Monitoring activities have been ongoing, with the most recent monitoring report from February 2023 identifying soil and groundwater contaminants below cleanup target levels. The former plume was located in the northeast corner of the property, about 230 feet west of the proposed right-of-way and did not extend into the right-of-way. The groundwater depth at the site ranges from 3 to 7 feet, and the groundwater flow is to the east. Pond specific details are discussed in Table 7-2 . The most recent analytical results identified contaminants below cleanup target levels; therefore, the site may achieve NFA/SRCS status soon. Due to the facility operating as an active gas station, Map ID 55 is assigned a Risk Rating of Medium. This facility is located across a stream/canal from US 41 US 301 and is unlikely to affect the project.
INTERIM IMPROVEMENTS END						
56	Murphy USA #7322 512 10th Street East	9807995	About 250 feet east of the proposed right-of-way 460 feet west of Swale 8A Alt. 3	Petroleum Products	Medium	The site is an active fuel station that maintains two 20,000-gallon unleaded gas USTs that were installed in March 2006. An August 2023 inspection identified a corroded head and piping on the northern tank's submersible pump. The corrosion did not cause a discharge or release and was repaired. The facility has been in compliance as of their most recent inspection in January 2026. No complaints or discharges have been recorded for this location. Pond specific details are discussed in Table 7-2 . Due to the facility operating as an active gas station, Map ID 56 is assigned a Risk Rating of Medium.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
57	Walmart Supercenter #3370; Genes Truck Service; Taylor Concrete Inc. 503/508 10th Street East	9807991; 9815770; ERIC_11552; FLR000127639; 9046950; FLR000051607	Adjacent to the east of the proposed right-of-way 480 feet north of Swale 6S Alt. 1, 350 feet northeast of Dry Pond 6NA Alt. 2, 320 feet north of Wet Pond 6NA Alt. 1, 420 feet northeast of Dry Pond 6N Alt. 1 & 3, 400 feet east of Swale 7 Alt. 3, 480 feet east of Wet Pond 7A Alt. 1, 360 feet east of Dry Pond 7 Alt. 1, 2, & 3, 90 feet west of Swale 8A Alt. 3, 120 feet east of Wet Pond 8 Alt. 1, 150 feet east of Swale 8 Alt. 3, 150 feet east of Dry Pond 8B Alt. 3, 140 feet east of Dry Pond 8A Alt. 1 & 2, Adjacent to the west of VFS-8 Alt. 2, 260 feet southeast of VB-9A Alt 1 & 2 and 100 feet south of Dry Pond 9 Alt. 3	Arsenic	Medium	<p>The site is an active Walmart Supercenter that maintains one 700-gallon waste oil AST and one 2,000-gallon emergency generator diesel AST. During a February 2004 combined Phase I and Phase II Environmental Site Assessment, the site was identified as having wide-spread arsenic contamination in the soil, several areas of waste and debris across the site, septic tanks, ASTs, and a historical railroad that traversed the site. Additional site assessments identified five areas of buried solid waste across the site and eleven piles of solid waste at the surface. From August 2005 through December 2005, 179.67-tons of solid waste, 21.15-tons of tires, 28,929-tons of contaminated soil, and 3,780-tons of crushed concrete were removed from the property. Sampling continued until September 2015, when a No Further Assessment order was granted for the property. The property has concentrations of contaminants in soil and groundwater that exceed standards that were determined to be managed via institutional and engineering controls. Land Use restrictions have been implemented on the property that indicate future development involving excavation and construction deeper than two feet below land surface is not prohibited provided any contaminated soils are removed and properly disposed. There shall be no use of the groundwater under the property. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's Division of Waste Management (DWM) must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. Land Use restriction limits are contained to the property boundary and are adjacent to the east of the proposed roadway right-of-way but do not extend into the roadway. The on-site contaminated areas are located on the property and do not extend off-site. Depth to groundwater at the site is approximately 6 feet, and the groundwater flow was documented towards the east.</p> <p>Taylor Concrete and Genes Truck Service are businesses that previously occupied the Taylor parcel portion of the present-day Walmart property. Taylor Concrete formerly maintained 750-gallon and 1,000-gallon ASTs that were removed from the site in September 1999 after failing to provide financial responsibility for the tanks. Genes Truck Service was registered as a Conditionally Exempt Small Quantity Generator due to using mineral spirits and used oil to wash parts. The facility had five 55-gallon drums of used oil that were not labelled during an August 1999 inspection. No corrective action documentation was available in the public file. A February 2010 site inspection confirmed that the facility was closed. No complaints or discharges have been reported for this location.</p> <p>Multiple pond sites are adjacent and near this property to the southwest, west, northwest, and north. Map ID 6 is within 500 feet of Swale 6S Alt. 1, Dry Pond 6NA Alt. 2, Wet Pond 6NA Alt. 1, Dry Pond 6N Alt. 1 & 3, Swale 7 Alt. 3, Wet Pond 7A Alt. 1, Dry Pond 7 Alt. 1, 2, & 3, Swale 8A Alt. 3, Wet Pond 8 Alt. 1, Swale 8 Alt. 3, Dry Pond 8B Alt. 3, Dry Pond 8A Alt. 1 & 2, VFS-8 Alt. 2 and Dry Pond 9 Alt. 3 and could affect any potential dewatering required for excavation activities. Pond specific details are discussed in Table 7-2.</p> <p>Due to the existing soil and groundwater contamination on-site, Map ID 57 is assigned a Risk Rating of Medium.</p>
58	Manatee County School BD-Lincoln MS 1400 1st Avenue East	8841898	Adjacent to the west of the proposed right-of-way Adjacent to the west of VB-9B Alt. 1 & 2, adjacent to the west of VB-9A Alt. 1&2, 260 feet west of Dry Pond 9 Alt. 3, 490 feet west of Wet Pond 9C Alt. 2, 140 feet west of VB-9C Alt. 1 & 2, 80 feet south of Wet Pond 9F Alt. 1, 80 feet south of Dry Pond 9A Alt. 2, 90 feet south of VB-9D Alt. 1, 400 feet south of Dry Pond 9B Alt. 2, 375 feet south of VB-9E Alt. 1, and 230 feet southwest of Wet Pond 10A Alt. 2	Petroleum	Low	<p>The site is a middle school that maintains one 2,000-gallon heating oil UST. A previous 2,000-gallon heating oil UST was removed in 1995. No complaints, violations, or discharges have been recorded for this location.</p> <p>Pond specific details are discussed in Table 7-2.</p> <p>Based on the lack of recorded contamination impacts, Map ID 58 is assigned a Risk Rating of Low.</p>

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
59	Lincoln Community Park TDSRS 501 17th Street Park	100681	Adjacent to the east of the proposed right-of-way Adjacent to the north of Dry Pond 9 Alt. 3, adjacent to the north of Wet Pond 9C Alt. 2, 160 feet east of VB-9B Alt. 1 & 2, 260 feet northeast of VB-9A Alt. 1&2, adjacent to the east of VB-9C Alt. 1 & 2, adjacent to the west of Wet Pond 9D Alt. 1, 200 feet southeast of Wet Pond 9F Alt. 1, 100 feet southwest of Wet Pond 9E Alt. 1, 100 feet southeast of Wet Pond 10A Alt. 2, 200 feet southeast of Dry Pond 9A Alt. 2, and 200 feet southeast of VB-9D Alt. 1	Solid Wastes	Low	The site is a public park and disaster debris management area. The facility was authorized most recently in October 2024 for debris management pertaining to Hurricane Milton. No complaints, violations, or discharges have been recorded for this location. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 59 is assigned a Risk Rating of Low.
60	Sylvan Oaks Park TDSRS 715 17th Street East	100685	About 600 feet east of the proposed right-of-way 150 feet east of Wet Pond 9D Alt. 1 and 200 feet southeast of Wet Pond 9E Alt. 1	Solid Wastes	Low	The site is a public park and disaster debris management area. The facility was authorized most recently in October 2024 for debris management pertaining to Hurricane Milton. No complaints, violations, or discharges have been recorded for this location. Based on the lack of recorded contamination impacts, Map ID 60 is assigned a Risk Rating of Low.
61	PDE USA Inc. 716A 17th Street East	FLR000063404	Over 1,000 feet east of the proposed right-of-way 440 feet northeast of Wet Pond 9D Alt. 1 and 370 feet east of Wet Pond 9E Alt. 1	Unknown Hazardous Materials	Low	The site was previously registered as a conditionally exempt small quantity hazardous waste generator. A March 2012 site inspection confirmed that the facility was closed. No complaints, violations, or discharges have been recorded for this location. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 61 is assigned a Risk Rating of Low.
62	Precision Collision 706 17th Street East	FLD982131856	About 850 feet east of the proposed right-of-way 420 feet northeast of Wet Pond 9D Alt. 1, 200 feet northeast of Wet Pond 9E Alt. 1 and 360 feet southeast of Wet Pond 10 Alt. 1	Solvents, Heavy Metals, Paint-Related Waste	Low	This site was previously registered as a small quantity hazardous waste generator. The facility was inspected in March 2012 and was found not to be in operation, and the building vacant. No complaints, violations, or discharges have been recorded for this location. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 62 is assigned a Risk Rating of Low.
63	Mailloux & Sons, Inc. 612 17th Street East	FLT210089066	About 750 feet east of the proposed right-of-way 480 feet east of Baffle Swale 10 Alt. 1 & 2, 140 feet northeast of Wet Pond 9E Alt. 1 and 230 feet east of Wet Pond 10 Alt. 1	Lead	Low	This facility is registered as a temporary hazardous waste handler. The facility has records of waste manifests, exporting hazardous materials containing lead to a treatment facility in South Carolina. No complaints, violations, or discharges have been recorded for this location. Pond specific details are discussed in Table 7-2 . Based on the lack of recorded contamination impacts, Map ID 63 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
64	Racetrac #549 1730 US Highway 41 North	9602592	Adjacent to the east of the proposed right-of-way Within Wet Pond 10A Alt. 2 180 feet northeast of VB-9B Alt. 1 & 2, 120 feet northeast of VB-9C Alt. 1 & 2, 300 feet northwest of Wet Pond 9D Alt. 1, 120 feet east of Wet Pond 9F Alt. 1, 300 feet west of Wet Pond 9E Alt. 1, 120 feet east of Dry Pond 9A Alt. 2, 100 feet east of VB-9D Alt. 1, 120 feet east of VB-9E Alt. 1, 120 feet east of Dry Pond 9B Alt. 2, 60 feet south of VB-9F Alt. 1, 50 feet south of Baffle Swale 10 Alt. 1 & 2 and 130 feet southwest of Wet Pond 10 Alt. 1	Petroleum Products	High	This site currently maintains one 15,000-gallon and two 12,000-gallon USTs that were installed in November 1996. The facility was out of compliance in October 2025 for not submitting an Incident Notification Form within 24 hours of a failed sump integrity test in January 2025. The facility was returned to compliance in November 2025 following corrective action. No complaints or discharges have been recorded at this location. Map ID 64 is within Wet Pond 10A Alt. 2. Pond specific details are discussed in Table 7-2 . Wet Pond 10A Alt. 2 encompasses this potential contamination site. Even though the gas station is in compliance and has no discharges, the act of removing the gas station would involve decommissioning an active tank system. The pond site is discussed in Table 7.2 . Due to the facility operating as an active gas station that would require demolition and removal if Wet Pond 10A Alt. 2 is constructed, Map ID 64 is assigned a Risk Rating of High.
65	Spill Site US 41 & 20th Street	OHMIT_12571	Within the right-of-way 350 feet north of VB-9E Alt. 1, 450 feet north of Dry Pond 9B Alt. 2, 150 feet northwest of VB-9F Alt. 1, 240 feet west of Baffle Swale 10 Alt. 1 & 2, 480 feet west of Wet Pond 10 Alt. 1, 80 feet west of Wet Pond 10B Alt. 3, 390 feet southwest of VB-10 Alt. 3 and 350 feet southeast of VB-10A Alt. 3	Petroleum Products	Low	On December 18, 2001, a vehicle accident resulted in the discharge of 50-gallons of diesel fuel. The Office of Emergency Response considers the incident closed. No details are available. Pond specific details are discussed in Table 7-2 . Based on the lack of remaining contamination impacts and the case being closed, Map ID 65 is assigned a Risk Rating of Low.
66	Spill Site US Highway 41 North and 21st Street East	OHMIT_65764	Within the right-of-way 480 feet northwest of VB-9F Alt. 1, 110 feet northwest of Wet Pond 10B Alt. 3, 70 feet southwest of VB-10 Alt. 3, 200 feet southwest of Wet Pond 10C Alt. 3, 50 feet southeast of VB-10A Alt. 3, and 360 feet southwest of VB-10B Alt. 3	Petroleum Products	Low	On May 14, 2020, a vehicle accident involving a semi-truck resulted in the discharge of diesel fuel onto the roadway. Absorbent was applied to the roadway and collected into 55-gallon drums for disposal. Since the release did not extend beyond the asphalt, the Office of Emergency Response considers the incident closed. Pond specific details are discussed in Table 7-2 . Based on the lack of remaining contamination impacts and the case being closed, Map ID 66 is assigned a Risk Rating of Low.
67	Spill Site US 41 North and 25th Street East	OHMIT_4251	Within the right-of-way 380 feet southeast of VB-10D Alt. 3 and 380 feet southwest of VB-10C Alt. 3	Petroleum Products	Low	On April 9, 2006, a vehicle accident involving a semi-truck resulted in the discharge of diesel fuel onto the roadway. At the time of the incident, heavy rainstorms were washing the fuel away. Absorbents were applied to the roadway. In August 2006 7.94 tons of contaminated soil was removed for disposal. The area was backfilled and compacted. OVA readings met soil cleanup target levels, and the groundwater was not impacted as a result of the spill. The Office of Emergency Response considers the cleanup satisfactory with a No Further Action Letter submitted. The incident is considered closed. Pond specific details are discussed in Table 7-2 . Based on the lack of remaining contamination impacts and the case being closed, Map ID 67 is assigned a Risk Rating of Low.

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
68	Railroads	Aerial Photographs	Within the right-of-way	Petroleum Products, Arsenic, Creosote, Polynuclear aromatic hydrocarbons, Herbicides	Medium	<p>Existing and historical rail lines were observed to intersect US 41 / US 301 at several locations along the Study Area. Existing and historical rail lines have several common chemical constituents of concerns as follows:</p> <ul style="list-style-type: none"> • Arsenic: The most commonly used arsenic-containing products were herbicides, pesticides, insecticides, and wood-treating agents such as chromated copper arsenate. • Creosote: Creosote is used to coat railroad ties. • Polynuclear aromatic hydrocarbons: Polynuclear aromatic hydrocarbons are a coal tar and creosote by-product. Coal tar is more commonly associated with rail yards. • Other inorganic constituents used in herbicides. <p>Due to its residual nature, arsenic is the most commonly occurring chemical constituent related to railroad beds. Liberal applications of herbicides were used to keep the railroad free of vegetation. The creosote and polynuclear aromatic hydrocarbons are commonly associated with railroad ties and rail yards.</p> <p>Beginning in the south, the CSX rail line crosses US 301 at 26th Avenue East and continues northwest beneath the US 301 bridge (Map ID 70), continuing west and northwest to cross South Tamiami Trail (US 41) at grade south of 13th Avenue. The rail line crosses and leaves the study area, re-entering the study area north of the US 301/US 41 intersection, where it crosses below grade, beneath the US 41 Bridge (Map ID 73). The northernmost rail crossing within the study area also passes below grade, beneath a US 41 bridge(Map ID 74).</p> <p>Due to the potential for contamination impacts to the site soils from existing and historical railroad use, Map ID 68 is assigned a Risk Rating of Medium.</p>
69	Historical Citrus Groves	Aerial Photographs	<p>Within and adjacent to the proposed right-of-way</p> <p>Within Dry Pond 1C Alt. 3, FPC 1 Alt. 2, Dry Pond 1S Alt. 1, Dry Pond 1N Alt. 1, Dry Pond 1B Alt. 2, Dry Pond 1A Alt. 1, Dry Pond 3B Alt. 3, VB-3A Alt. 1, VB-3B Alt. 1, Swale 5N Alt. 3, Wet Pond 5NB Alt. 2, Wet Pond 5N Alt. 1, Dry Pond 5NA Alt. 1, 2 & 3, VB-9B Alt. 1 & 2, Dry Pond 9 Alt. 3, Wet Pond 9C Alt. 2, VB-9C Alt. 1 & 2, Wet Pond 9D Alt. 1, Wet Pond 9E Alt. 1, Wet Pond 10A Alt. 2, Wet Pond 10A Alt. 2, Baffle Swale 10 Alt. 1 & 2</p>	Petroleum Products, Pesticides, Herbicides and Arsenic	Low	<p>The vicinity of the study area was planted with citrus groves from prior to 1940 through the early-1990s. The historical citrus groves within the study area were redeveloped or reworked due to the construction of roadways, residential neighborhoods, and commercial businesses over the years.</p> <p>Agricultural land and citrus groves typically have environmental concerns associated with them. These concerns include pesticide/herbicide storage and usage, grove heating during cooler winter months (smudge pots and other grove heating equipment), tractor and equipment maintenance and fueling, underground and aboveground fuel storage tanks, irrigation pumps and maintenance, and asbestos irrigation lines. Arsenic impacts are frequently found with historical citrus groves, especially near storage buildings and irrigation wells where chemical mixing was often performed.</p> <p>No obvious storage buildings, barns, or irrigation wells were observed within the study area, therefore the redevelopment of the historical citrus groves is considered to reduce the potential risk from medium to Low due to earth working, filling, and construction activities.</p> <p>Pond specific details are discussed in Table 7-2</p> <p>Based on the areas of citrus groves being reworked or redeveloped with buildings, roadways, and roadside drainage features, Map ID 69 is assigned a Risk Rating of Low.</p>

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
70	Bridge Pair Nos. 130080 and 130081 US 301 over 26 th Avenue East	Aerial Photographs	Within the US 301 and 9 th Street right-of-way 150 feet southeast of Dry Pond 1C Alt. 3	Asbestos and MBCs	Low	<p>Existing bridges can have several common chemical constituents of concern as follows:</p> <ul style="list-style-type: none"> Asbestos: Used in many different parts of bridges, including: <ul style="list-style-type: none"> -Back Walls -Bridge Shoes -Expansion Joints -Membrane Between asphalt and concrete Decks -Utility conduit piping -Bridge decking materials Metal-Based Coatings: Metal-based coatings are used extensively to protect the steel components from corrosion by providing a sacrificial layer that actively prevents rusting. <p>GEC contacted Mr. Rushil Kasetty, DCIC with FDOT District 1, via email requesting asbestos-containing materials and metal-based coatings assessments for the existing bridge structures within the project area. Mr. Kasetty provided us with survey reports for four of the six existing bridge structures. Information regarding Bridge pair Nos. 130080 and 130081 is summarized as follows:</p> <ul style="list-style-type: none"> The Laboratory analytical results indicated that asbestos was not detected in any of the samples collected from the bridge pair and construction activities would not be impacted. An elevated concentration of lead was detected from a sample collected from Bridge No. 130081, the southern bridge within the pair. The results indicated that the yellow paint on Bridge No. 130081 contained metals above detectable levels. <p>This bridge pair is outside the project limits but is within the study limits, being less than 500 feet from Dry Pond 1C Alt. 3.</p> <p>Due to Bridge No. 130081 being a raised feature outside the project limits, Map ID 70 is assigned a Risk Rating of Low.</p>
71	Bridge No. 130083 US 301 over South Tamiami Trail	Aerial Photographs	Within the right-of-way 250 feet north of Dry Pond 1A Alt. 1	Asbestos and MBCs	Low	<p>Existing bridges can have several common chemical constituents of concern as follows:</p> <ul style="list-style-type: none"> Asbestos: Used in many different parts of bridges, including: <ul style="list-style-type: none"> -Back Walls -Bridge Shoes -Expansion Joints -Membrane Between asphalt and concrete Decks -Utility conduit piping -Bridge decking materials Metal-Based Coatings: Metal-based coatings are used extensively to protect the steel components from corrosion by providing a sacrificial layer that actively prevents rusting. <p>GEC contacted Mr. Rushil Kasetty, DCIC with FDOT District 1, via email requesting asbestos-containing materials and metal-based coatings assessments for the existing bridge structures within the project area. Mr. Kasetty provided us with survey reports for four of the six existing bridge structures. Information regarding Bridge No. 130083 is summarized as follows:</p> <ul style="list-style-type: none"> The laboratory analytical results indicated that metal-based coatings and asbestos were not detected in samples collected. <p>Due to asbestos-containing materials and metal-based coatings not detected within Bridge No. 130083, Map ID 71 is assigned a Risk Rating of Low.</p>

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
72	Bridge No. 130002 US 41 over US 301	Aerial Photographs	<p>Within the right-of-way</p> <p>160 feet northeast of Swale 5N Alt. 1, 390 feet northeast of Swale 5N Alt. 3, 270 feet northwest of Swale 6S Alt. 1, 170 feet northeast of Wet Pond 5N Alt. 1, 90 feet northeast of Dry Pond 5NA Alt. 1, 2 & 3, 70 feet northwest of Dry Pond 6NA Alt. 2, 110 feet northwest of Wet Pond 6NA Alt. 1, 70 feet northwest of Dry Pond 6N Alt 1 & 3, 110 feet southeast of Wet Pond 7A Alt. 1, 220 feet southeast of VFS-7 Alt. 2, 300 feet southeast of Swale 7 Alt. 3, 50 feet southeast Dry Pond 7 Alt. 1, 2 & 3, 220 feet southwest of Swale 8A Alt. 3, 90 feet southwest of Wet Pond 8 Alt. 1, 160 feet southwest of Swale 8 Alt. 3, 100 feet southwest of Dry Pond 8B Alt. 3 and 100 feet southwest of Dry Pond 8A Alt. 1 & 2</p>	Asbestos and MBCs	High	<p>Existing bridges can have several common chemical constituents of concern as follows:</p> <ul style="list-style-type: none"> Asbestos: Used in many different parts of bridges, including: <ul style="list-style-type: none"> -Back Walls -Bridge Shoes -Expansion Joints -Membrane Between asphalt and concrete Decks -Utility conduit piping -Bridge decking materials Metal-Based Coatings: Metal-based coatings are used extensively to protect the steel components from corrosion by providing a sacrificial layer that actively prevents rusting. <p>GEC contacted Mr. Rushil Kasetty, DCIC with FDOT District 1, via email requesting asbestos-containing materials and metal-based coatings assessments for the existing bridge structures within the project area. Mr. Kasetty provided us with survey reports for four of the six existing bridge structures. Information regarding Bridge No. 130002 is summarized as follows:</p> <ul style="list-style-type: none"> Asbestos containing materials were identified within the median reflectors. This bridge was not surveyed for metal-based coatings. <p>Due to asbestos-containing materials detected and the potential for metal-based coatings within Bridge No. 130002, Map ID 72 is assigned a Risk Rating of High.</p>
73	Bridge No. 130008 US 41 over the CSX Rail Line	Aerial Photographs	<p>Within the right-of-way</p> <p>50 feet southeast of VB-9A Alt. 1 & 2 and 200 feet southwest of Dry Pond 9 Alt. 3</p>	Asbestos and MBCs	Medium	<p>Existing bridges can have several common chemical constituents of concern as follows:</p> <ul style="list-style-type: none"> Asbestos: Used in many different parts of bridges, including: <ul style="list-style-type: none"> -Back Walls -Bridge Shoes -Expansion Joints -Membrane Between asphalt and concrete Decks -Utility conduit piping -Bridge decking materials Metal-Based Coatings: Metal-based coatings are used extensively to protect the steel components from corrosion by providing a sacrificial layer that actively prevents rusting. <p>No survey records were found for Bridge No. 130008, located on US 41 over the CSX rail line.</p> <p>Due to the potential for asbestos-containing materials or metal-based coatings within Bridge No. 130008, Map ID 73 is assigned a Risk Rating of Medium.</p>

Table 7-1: Risk Ratings for Contamination Sites

Map ID	Site Information	Facility ID/Source	Distance from Project Limits	Contaminants of Concern	Risk Rating	Comments
74	Bridge No. 130009 US 41 over Bayshore Road and the CSX Rail Line	Aerial Photographs	Adjacent to the northwest of the right-of-way.	Asbestos and MBCs	LOW	<p>Existing bridges can have several common chemical constituents of concern as follows:</p> <ul style="list-style-type: none"> Asbestos: Used in many different parts of bridges, including: <ul style="list-style-type: none"> -Back Walls -Bridge Shoes -Expansion Joints -Membrane Between asphalt and concrete Decks -Utility conduit piping -Bridge decking materials Metal-Based Coatings: Metal-based coatings are used extensively to protect the steel components from corrosion by providing a sacrificial layer that actively prevents rusting. <p>No survey records were found for Bridge No. 130009, located on US 41 over Bayshore Road and the CSX rail line. Bridge No. 130009 is located at the northern end of the study area but outside of the project limits.</p> <p>Due to Bridge No. 130009 being within the study area but outside the project limits, Map ID 74 is assigned a Risk Rating of Low for this project.</p>

PREFERRED ALTERNATIVE END

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
PREFERRED ALTERNATIVE BEGIN				
<p>Dry Pond 1C Alt. 3 Northeast corner of the 9th Street East and US 301 intersection</p>	<p>N/A</p>	<p>Petroleum Products, PFAS, Ammonia, Volatile/Semi-Volatile Organic Compounds and Heavy Metals</p>	<p>High</p>	<p>This pond was historically used for rangeland as early as 1940. In 1951 a southeastern portion is developed with citrus groves. In 1957 a rectangular building is visible on the center of the proposed pond site. In 1979 the building has been cleared and earthwork is visible. In 1991 the construction of US 301 is observed, clearing is visible throughout the pond site and the portion of citrus groves is absent. Minimal change is observed through 2023. During the reconnaissance, this site was observed as grassed partially vegetated land containing a billboard adjacent to the north side of US 301.</p> <p>Dry Pond 1C Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 6 "Tropicana - Public Works Site Reuse Area." with a risk rating of High. This is a Brownfield Area designated for the economic redevelopment of the city. Groundwater and soil exceedances are located on site. Any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Low within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 70 Bridge Pair Nos. 130080 and 130081. This is a bridge pair with elevated concentrations of lead detected. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint that is located outside the project limits while still being in the study area. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (130 feet southeast) <p>Within 500 feet of the proposed pond site are Map ID 1 (380 feet south), Map ID 2 (400 feet south), Map ID 3 (450 feet south), Map ID 4 (430 feet south), Map ID 5 (200 feet north), and Map ID 7 (100 feet northwest) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the known groundwater and soil impacts on-site, Dry Pond 1C Alt. 3 is assigned a Risk Rating of High.</p>
<p>FPC 1 Alt. 2 Southwest corner of the 9th Street East and US 301 intersection</p>	<p>N/A</p>	<p>Petroleum Products, PFAS, Ammonia, Volatile/Semi-Volatile Organic Compounds and Heavy Metals</p>	<p>Medium</p>	<p>This pond was historically citrus groves from as early as 1940 through 1957. In 1962 the groves have been cleared, and a building is located on-site. In 1969 and 1970 the site is used for materials storage. In 1991 the building has been cleared, and the site is grassed land adjacent to the south of US 301 through 2023. During the reconnaissance, this site was observed as grassed land adjacent to the south side of US 301.</p> <p>FPC 1 Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 6 "Tropicana - Public Works Site Reuse Area." with a risk rating of High. This is a Brownfield Area designated for the economic redevelopment of the city. Groundwater and soil exceedances are located on site. Any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. (260 feet northwest) <p>Within 500 feet of the proposed pond site are Map IDs 4 (80 feet southeast) and Map ID 7 (260 feet northwest) with a Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the known groundwater and soil impacts associated with Map ID 6 within 500 feet, FPC 1 Alt. 2 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 1S Alt. 1 Southwest quadrant of the 9th Street East and US 301 intersection</p>	<p>N/A</p>	<p>Petroleum Products, PFAS, Ammonia, Volatile/Semi-Volatile Organic Compounds and Heavy Metals</p>	<p>Medium</p>	<p>This pond was historically citrus groves from as early as 1940 through 1957 when the groves had been cleared. In 1969 and 1970 the site is used for materials storage. In 1991 the site has been cleared and is grassed land adjacent to the south of US 301 through 2023. During the reconnaissance, this site was observed as grassed land adjacent to the south side of US 301.</p> <p>Dry Pond 1S Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 6 "Tropicana - Public Works Site Reuse Area." with a risk rating of High. This is a Brownfield Area designated for the economic redevelopment of the city. Groundwater and soil exceedances are located on site. Any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. (230 feet north) <p>Within 500 feet of the proposed pond site is Map ID 4 (450 feet southeast) and Map ID 7 (200 feet north) with a Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the known groundwater and soil impacts associated with Map ID 6 within 500 feet, Dry Pond 1S Alt. 1 is assigned a Risk Rating of Medium.</p>
<p>Dry Pond 1N Alt. 1 Northwest corner of the 9th Street East and US 301 intersection</p>	<p>N/A</p>	<p>Petroleum Products, PFAS, Ammonia, Volatile/Semi-Volatile Organic Compounds and Heavy Metals</p>	<p>Medium</p>	<p>This pond was historically citrus groves from as early as 1940 through 1957 when the groves had been cleared. In 1969 and 1970 the site is used for materials storage. In 1991 the site has been cleared and is grassed land adjacent to the north of US 301 through 2023. During the reconnaissance, this site was observed as grassed land adjacent to the north side of US 301.</p> <p>Dry Pond 1N Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 6 "Tropicana - Public Works Site Reuse Area." with a risk rating of High. This is a Brownfield Area designated for the economic redevelopment of the city. Groundwater and soil exceedances are located on site. Any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. (Adjacent to the northeast) <p>Within 500 feet of the proposed pond site are Map ID 5 (360 feet northeast) and Map ID 7 (adjacent to the northeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the known groundwater and soil impacts associated with Map ID 6 within 500 feet, Dry Pond 1N Alt. 1 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 1B Alt. 2 North of the 7th Street East and 23rd Avenue East intersection</p>	<p>N/A</p>	<p>Petroleum Products, PFAS, Ammonia, Volatile/Semi-Volatile Organic Compounds and Heavy Metals</p>	<p>Medium</p>	<p>This pond was historically citrus groves from as early as 1940. In 1951 the site has been cleared, and two single family residences have been developed on the southern portion of the proposed pond site. In 1957, two additional residences have been developed on-site. Not much change is observed through 2023. During the reconnaissance, this site was observed as containing two single family home residences.</p> <p>Dry Pond 1B Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 6 "Tropicana - Public Works Site Reuse Area." with a risk rating of High. This is a Brownfield Area designated for the economic redevelopment of the city. Groundwater and soil exceedances are located on site. Any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. (330 feet north) <p>Within 500 feet of the proposed pond site is Map ID 7 (330 feet north) with a Contamination Risk Rating of Low that does not present an apparent contamination risk to the proposed pond.</p> <p>Due to the known groundwater and soil impacts associated with Map ID 6 within 500 feet, Dry Pond 1N Alt. 1 is assigned a Risk Rating of Medium.</p>
<p>FPC 1 Alt. 1 About 700 feet northwest of the 9th Street East and US 301 intersection</p>	<p>N/A</p>	<p>Petroleum Products, PFAS, Ammonia, Volatile/Semi-Volatile Organic Compounds and Heavy Metals</p>	<p>Medium</p>	<p>This pond was historically undeveloped until it was cleared in 1991. The proposed pond site has been grassed land adjacent to the south side of US 301 through 2023. During the reconnaissance, this site was observed as grassed land adjacent to the south side of US 301.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 6 "Tropicana - Public Works Site Reuse Area." with a risk rating of High. This is a Brownfield Area designated for the economic redevelopment of the city. Groundwater and soil exceedances are located on site. Any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. (200 feet north) <p>Within 500 feet of the proposed pond site are Map ID 7 (200 feet north) with a Contamination Risk Rating of Low that does not present an apparent contamination risk to the proposed pond.</p> <p>Due to the known groundwater and soil impacts associated with Map ID 6 within 500 feet, FPC 1 Alt. 1 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 1A Alt. 1 230 feet east of the 21st Avenue West and 1st Street West intersection</p>	<p>N/A</p>	<p>Petroleum Products, PFAS, Ammonia, and Heavy Metals</p>	<p>Medium</p>	<p>This pond was historically citrus groves from as early as 1940 through 1962. In 1969 the groves were cleared and the site is partially vegetated grassland. In 1991, US 301 has been developed, and the site is grassed land adjacent to the south of the highway. During the reconnaissance, this site was observed as grassed land adjacent to the south side of US 301.</p> <p>Dry Pond 1A Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 6 "Tropicana - Public Works Site Reuse Area." with a risk rating of High. This is a Brownfield Area designated for the economic redevelopment of the city. Groundwater and soil exceedances are located on site. (400 feet northeast) • Map ID 8 is a former fueling station with potential for petroleum impacts. (480 feet southwest) • Map ID 9 is a former fueling station with the potential for petroleum impacts. (270 feet) <p>Within 500 feet of the proposed pond site is Map ID 7 (360 feet northwest), Map ID 10 (390 feet northwest), Map ID 12 (300 feet northwest) and Map ID 71 (250 feet north) with a Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the known groundwater and soil impacts associated with Map ID 6 and the potential for petroleum impacts within 500 feet from Map IDs 9 and 18, Dry Pond 1A Alt. 1 is assigned a Risk Rating of Medium.</p>
<p>Dry Pond 2B Alt. 3 Northeast corner of the 9th Avenue East and 1st Street East intersection</p>	<p>N/A</p>	<p>Petroleum Products, Heavy Metals, Used Oil, and Solvents</p>	<p>Medium</p>	<p>Historically this pond site was developed with commercial buildings and residential houses. By 2007 all residential homes located within the eastern border of the property have been cleared with no significant change observed through 2023. During the reconnaissance, the site was observed to be comprised of an auto painting facility, church and car rental agency.</p> <p>Dry Pond 2B Alt. 3 is within Map ID 31 "Econo Auto Painting." This is an auto painting and detail facility that is registered as a small quantity hazardous waste generator. No complaints or discharges have been reported at this location and is assigned a Risk Rating of Low.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 25 is a former fueling station with the potential for petroleum impacts. (180 feet southwest) • Map ID 27 is a former gas station with a recorded discharge that was unable to verify contamination. The potential for petroleum impacts may exist. (90 feet south) • Map ID 29 previously maintained a UST with no official closure assessment during removal. The potential for petroleum impacts may exist. (270 feet west) • Map ID 33 is an active gas station. (100 feet north) <p>Within 500 feet of the proposed pond site are Map IDs 28 (130 feet southeast), Map ID 30 (120 feet west), Map ID 32 (40 feet north) and Map ID 34 (280 feet northeast) with a Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the potential for petroleum impacts within 500 feet, Dry Pond 2B Alt. 3 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>FPC 2 Alt. 1 Northeast corner of the 2nd Street East and 8th Avenue East intersection</p>	<p>N/A</p>	<p>Petroleum Products, Heavy Metals, Used Oil and Solvents</p>	<p>High</p>	<p>Historically this pond site was undeveloped until utilized for materials storage in 1957 and 1962. By 1969 the site was developed with Map ID 32, a printing facility by the name of "Westminster Publications Inc." The printing facility occupied the property through 2007 until cleared by 2010. By 2015 Map ID 33 "Wawa" gas station was developed. During the reconnaissance, the site was observed as a portion of the gas station and grassed land adjacent to the south of the parking lot.</p> <p>FPC 2 Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 32 "Westminster Publications Inc." This was a former printing facility that occupied the property from around 1969 through 2007. No complaints, violations, or discharges have been recorded at this site and is assigned a Risk Rating of Low. • Map ID 33 "Wawa" an active gas station with a Risk Rating of High in the event that FPC 2 Alt. 1 is selected, and the active gas station needs to be decommissioned and removed from the site to excavate the pond. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 29 previously maintained a UST with no official closure assessment during removal. The potential for petroleum impacts may exist. (440 feet southwest) • Map ID 35 is a site that was granted a LSSI NFA. Contaminants of concern are present in the groundwater within less than one-quarter acre and are confined to the source property boundaries. (470 feet northeast) <p>Within 500 feet of the proposed pond site are Map ID 30 (280 feet west), Map ID 31 (120 feet south) and Map ID 34 (100 feet northeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the active gas station Map ID 33 located on-site and potential and the potential for groundwater contamination located within 500 feet from Map IDs 29 and 35, FPC 2 Alt. 1 is assigned a Risk Rating of High.</p>
<p>Dry Pond 2 Alt. 1 Southeast corner of the 6th Avenue East and 1st Street East intersection</p>	<p>N/A</p>	<p>Petroleum Products and Solvents</p>	<p>High</p>	<p>This site was formerly occupied by an auto repair shop from 1929 through 1964 under the name "Dixie Grande Garage Auto Repairs," according to the city directories. It then operated as a service station from 1968 through 1983. The current gas station on site Map ID 33 "Wawa" was constructed in 2015 and occupies the entirety of the proposed pond site. The southwestern portion of the site was utilized for materials storage in 1957 and 1962. By 1969 the site was developed with Map ID 32 a printing facility by the name of "Westminster Publications Inc." The printing facility occupied the property through 2007 until cleared by 2010. During the reconnaissance, the site was observed to be an active gas station.</p> <p>Dry Pond 2 Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 32 "Westminster Publications Inc." This was a former printing facility that occupied the property from around 1969 through 2007. No complaints, violations, or discharges have been recorded at this site and is assigned a Risk Rating of Low. • Map ID 33 "Wawa" an active gas station with a Risk Rating of High in the event that Dry Pond 2 Alt. 1 is selected, and the active gas station needs to be decommissioned and removed from the site to excavate the pond. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 27 is a former gas station with a recorded discharge that was unable to verify contamination. The potential for petroleum impacts may exist. (490 feet south) • Map ID 29 previously maintained a UST with no official closure assessment during removal. The potential for petroleum impacts may exist. (320 feet southwest) • Map ID 35 is a site that was granted a LSSI NFA. Contaminants of concern are present in the groundwater within less than one-quarter acre and is confined to the source property boundaries. (430 feet east) <p>Within 500 feet of the proposed pond site are Map ID 30 (150 feet west), Map ID 31 (60 feet south), Map ID 34 (40 feet east), Map ID 36 (490 feet west) and Map ID 41 (200 feet northwest) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the active gas station Map ID 33 located on-site and potential and the potential for groundwater contamination located within 500 feet from Map IDs 27, 29, and 35, Dry Pond 2 Alt. 1 is assigned a Risk Rating of High.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 2A Alt. 2 Southeast corner of the 6th Avenue West and 3rd Street West intersection</p>	<p>N/A</p>	<p>Petroleum Products, Cyanide, Arsenic, Ammonia, Sulfates, PAHs and Volatile/Semi-Volatile Organic Compounds</p>	<p>High</p>	<p>This site historically operated as a gas plant Map ID 37 "Bradenton Gas Plant" from approximately 1926 through 1956. By 1991 the site has been cleared. No significant change was observed through 2023. During the reconnaissance, the property is being developed with Map ID 36 "Bradenton City - Police Headquarters."</p> <p>Dry Pond 2 Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 30 "The Pumphouse Station Brownfield Area." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and assigned a Risk Rating of Low. • Map ID 36 "Bradenton City - Police Headquarters" and assigned a Risk Rating of Low. • Map ID 37 "Bradenton Gas Plant" a former gas plant with a Risk Rating of High. Due to land use restrictions any future dewatering activities may require FDEP Southwest District approval of a Dewatering Plan due to the identified groundwater impacts. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 29 previously maintained a UST with no official closure assessment during removal. The potential for petroleum impacts may exist. (460 feet southeast) <p>Within 500 feet of the proposed pond site are Map ID 38 (360 feet west), Map ID 39 (100 feet northwest), Map ID 40 (60 feet north) and Map ID 41 (280 feet northeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the High Risk Map ID 37 being on-site and the potential for petroleum impacts within 500 feet from Map ID 29, Dry Pond 2A Alt. 2 is assigned a Risk Rating of High.</p>
<p>Dry Pond 3A Alt. 2 Southeast quadrant of the Manatee Avenue East and 1st Street East intersection</p>	<p>N/A</p>	<p>Petroleum Products, Heavy Metals and Solvents</p>	<p>Medium</p>	<p>In 1951 the proposed pond site was developed residentially. From 1969 through 2007 the northern portion of the property contained retail strip buildings. By 2010 the entirety of the property was cleared with no significant change observed through 2023. During the site reconnaissance, the property was being developed.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 33 is an active gas station. (220 feet south) • Map ID 42 is a former fueling station with the potential for petroleum impacts. (280 feet west) • Map ID 44 is a former fueling station with the potential for petroleum impacts. (100 feet north) <p>Within 500 feet of the proposed pond site are Map ID 30 (440 feet southwest), Map ID 32 (480 feet south), Map ID 34 (250 feet southeast), Map ID 41 (240 feet southwest), Map ID 45 (330 feet northwest) and Map ID 46 (110 feet north) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the potential for petroleum impacts within 500 feet at Map IDs 33, 42, and 44, Dry Pond 3A Alt. 2 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
INTERIM IMPROVEMENTS BEGIN				
<p>Dry Pond 3B Alt. 3 Northeast corner of the Manatee Avenue East and 2nd Street East intersection</p>	<p>N/A</p>	<p>Petroleum Products, Heavy Metals, Solvents, Used Oil and Volatile/Semi-Volatile Organic Compounds</p>	<p>Medium</p>	<p>This proposed pond site was historically developed with citrus groves from as early as 1940. In 1951, a residence is visible within the eastern portion of the pond. By 1957 all citrus groves were cleared, and by 1970 the pond site has been developed with paved parking for the adjacent hospital. No significant change is observed through 2023. During the reconnaissance, the proposed pond site consisted of paved parking.</p> <p>Dry Pond 3B Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. • Map ID 46 a hospital with a contamination Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 42 is a former fueling station with the potential for petroleum impacts. (460 feet southwest) • Map ID 44 is an adjacent former fueling station with the potential for petroleum impacts. (Adjacent to the southwest) <p>Within 500 feet of the proposed pond site are Map ID 43 (400 feet southeast) and Map ID 45 (420 feet west) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the potential for petroleum impacts within 500 feet from Map IDs 42 and 44, Dry Pond 3B Alt. 3 is assigned a Risk Rating of Medium.</p>
<p>VB-3A Alt. 1 Northeast corner of the Manatee Avenue East and 1st Street East intersection</p>	<p>N/A</p>	<p>Petroleum Products</p>	<p>Medium</p>	<p>This proposed pond site was historically developed with citrus groves from as early as 1940. By 1962 the citrus groves were cleared, and the site is grassed land adjacent to the east of US 41. In 1970 the site is being redeveloped with paved parking for the adjacent hospital with no significant change observed through 2023. During the reconnaissance, the proposed pond site consisted of paved parking.</p> <p>VB-3A Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. • Map ID 46 a hospital with a contamination Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 42 is a former fueling station with the potential for petroleum impacts. (230 feet southwest) • Map ID 44 is a former fueling station with the potential for petroleum impacts. (250 feet southeast) <p>Within 500 feet of the proposed pond site is Map ID 45 (120 feet west) with a Contamination Risk Rating of Low that does not present an apparent contamination risk to the proposed pond.</p> <p>Due to the potential for petroleum impacts within 500 feet, VB-3A Alt. 1 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VB-3B Alt. 1 Southwest corner of the 3rd Avenue West and 1st Street West intersection	N/A	Pesticides Herbicides Arsenic Solvents Heavy metals	Medium	<p>This proposed pond site was historically developed with citrus groves from as early as 1940. In 1957 the citrus groves were cleared and the construction of the bridge over Manatee River is observed. From 1962 through 1980 the site is undeveloped land adjacent to the west of US 41. In 2019 an apartment complex is developed, and the southern portion consists of paved parking. During the reconnaissance, the proposed pond site consisted of paved parking and grassed land between the apartment complex and US 41.</p> <p>VB-3B Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 45 "Bradenton Herald," a former newspaper facility that was granted an SRCO and previously registered as a conditionally exempt small quantity hazardous waste generator. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 42 is a former fueling station with the potential for petroleum impacts. (450 feet south) <p>Within 500 feet of the proposed pond site is Map ID 47 (90 feet northwest) and Map ID 46 (120 feet east) with Contamination Risk Ratings of Low that does not present a contamination risk to the proposed pond.</p> <p>Due to the potential for petroleum impacts within 500 feet, VB-3B Alt. 1 is assigned a Risk Rating of Medium.</p>
Dry Pond 3C Alt. 3 Northwest corner of the 3rd Avenue West and 1st Street West intersection	N/A	N/A	Low	<p>This pond site comprised of the Manatee River until 1969 when the area was built up to construct the bridge. By 2007 the site is developed with office buildings and a paved parking lot. During the reconnaissance, the proposed pond site consisted of paved parking and office buildings.</p> <p>Dry Pond 3C Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 47 "GenesisCare USA of Florida LLC" previously registered as a very small quantity hazardous waste generator. This site is assigned a Risk Rating of Low. <p>Within 500 feet of the proposed pond site are Map ID 45 (140 feet south) and Map ID 46 (300 feet east) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of reported contamination impacts, Dry Pond 3C Alt. 3 is assigned a Risk Rating of Low.</p>
FPC 3A Alt. 1 About 185 feet northeast of the 3rd Avenue West and 1st Street West intersection	N/A	N/A	Low	<p>This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. From 1962 through 2023 the site is grassed land adjacent to US 41. During the reconnaissance, the proposed pond site was comprised of grassed land adjacent to the east of US 41.</p> <p>Within 500 feet of the proposed pond site are Map ID 45 (260 feet southwest), Map ID 46 (adjacent to the east) and Map ID 47 (290 feet southwest) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of reported contamination impacts, FPC 3A Alt. 1 is assigned a Risk Rating of Low.</p>
FPC 3B Alt. 1 North of the US 41 southbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	<p>This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. By 1995 the site was constructed with paved parking. During the reconnaissance, the site consisted of paved parking.</p> <p>Within 500 feet of the proposed pond site are Map ID 46 (350 feet southeast) and Map ID 47 (80 feet southwest) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of reported contamination impacts, FPC 3B Alt. 1 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VB-3G Alt. 2 North of the US 41 southbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. By 1995 the site was constructed with paved parking. During the reconnaissance, the site consisted of paved parking. Map ID with a Risk Rating of Medium within 500 feet: Within 500 feet of the proposed pond site are Map ID 46 (350 feet southeast) and Map ID 47 (80 feet south) with a Contamination Risk Rating of Low that does not present an apparent contamination risk to the proposed pond. Due to the lack of reported contamination impacts, VB-3G Alt. 2 is assigned a Risk Rating of Low.
Wet Pond 3 Alt. 1 North of the US 41 southbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. From 1962 through 2023 the site is grassed land adjacent to US 41. During the reconnaissance, the proposed pond site was comprised of grassed land adjacent to the west of US 41. Map IDs with a Risk Rating of High within 500 feet: <ul style="list-style-type: none"> Map ID 48 is the bridge over the Manatee River with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (320 feet northeast) Within 500 feet of the proposed pond site is Map ID 46 (350 feet southeast) with a Contamination Risk Rating of Low and does not present an apparent contamination risk to the proposed pond. Due to bridge materials not presenting a significant contamination risk, Wet Pond 3 Alt. 1 is assigned a Risk Rating of Low.
VB-3C Alt. 1 North of the US 41 southbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. From 1962 through 2023 the site is grassed land adjacent to US 41. During the reconnaissance, the proposed pond site was comprised of grassed land adjacent to the west of US 41. Map IDs with a Risk Rating of High within 500 feet: <ul style="list-style-type: none"> Map ID 48 is the bridge over the Manatee River with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (190 feet northeast) Due to bridge materials not presenting a significant contamination risk, VB-3C Alt. 1 is assigned a Risk Rating of Low.
VB-3D Alt. 1 South of the US 41 northbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. By 1980 the site was developed with paved parking for the adjacent hospital. Not much change is observed through 2023. During the reconnaissance, paved parking was observed. Map IDs with a Risk Rating of High within 500 feet: <ul style="list-style-type: none"> Map ID 48 is the bridge over the Manatee River with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (400 feet northwest) Within 500 feet of the proposed pond site is Map ID 46 (150 feet south) with a Contamination Risk Rating of Low that does not present an apparent contamination risk to the proposed pond. Due to bridge materials not presenting a significant contamination risk, VB-3D Alt. 1 is assigned a Risk Rating of Low.

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VB-3F Alt. 2 South of the US 41 northbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	<p>This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. By 1980 the site was developed with paved parking for the adjacent hospital. Not much change is observed through 2023. During the reconnaissance, paved parking was observed.</p> <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 48 is the bridge over the Manatee River with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (450 feet northwest) <p>Within 500 feet of the proposed pond site is Map ID 46 (270 feet south) with a Contamination Risk Rating of Low that does not present an apparent contamination risk to the proposed pond.</p> <p>Due to bridge materials not presenting a significant contamination risk, VB-3F Alt. 2 is assigned a Risk Rating of Low.</p>
VB-3H Alt. 2 South of the US 41 northbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	<p>This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. By 1980 the site was developed with paved parking for the adjacent hospital. In 1995 a veteran’s memorial was constructed in the northern portion of the proposed pond site. Not much change is observed through 2023. During the reconnaissance, paved parking was observed.</p> <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 48 is the bridge over the Manatee River with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. <p>Within 500 feet of the proposed pond site is Map ID 46 (480 feet south) with a Contamination Risk Rating of Low that does not present an apparent contamination risk to the proposed pond.</p> <p>Due to bridge materials not presenting a significant contamination risk to pond construction, VB-3H Alt. 2 is assigned a Risk Rating of Low.</p>
VB-3E Alt. 1 North of the US 41 northbound off ramp onto Riverfront Boulevard	N/A	N/A	Low	<p>This pond site comprised of the Manatee River until 1957 when the area was built up to construct the bridge. From 1962 through 2023 the site is undeveloped land adjacent to the east of US 41. During the reconnaissance, the site consisted of grassed land adjacent to US 41.</p> <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 48 is the bridge over the Manatee River with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (350 feet northwest) <p>Due to bridge materials not presenting a significant contamination risk to pond construction, VB-3E Alt. 1 is assigned a Risk Rating of Low.</p>
Wet Pond 4A Alt. 2 Southeast quadrant of the US 41 and 1st Street East intersection	N/A	N/A	Low	<p>This site was historically undeveloped land. Clearing is observed in 2007. No significant change is observed through 2023. During the reconnaissance, the proposed pond site consisted of grassed land.</p> <p>Within 500 feet of the proposed pond site are Map IDs 49 (adjacent to the northwest), Map ID 50 (440 feet northeast) and Map ID 51 (360 feet north) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of reported contamination impacts, Wet Pond 4A Alt. 2 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VB-4A Alt. 2 Southeast corner of the US 41 and 1st Street East intersection	N/A	N/A	Low	<p>This site was historically undeveloped land. Clearing is and the construction of a building is observed in 2007. The building is absent in 2010 and by 2023 the paved road and parking lot has been cleared. During the reconnaissance, the proposed pond site consisted of grassed land.</p> <p>VB-4A Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Within 500 feet of the proposed pond site are Map ID 50 (270 feet northeast) and Map ID 51 (40 feet north) with a Contamination Risk Rating of Low and do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of reported contamination impacts, VB-4A Alt. 2 is assigned a Risk Rating of Low.</p>
Dry Pond 4 Alt. 1 Northeast corner of the US 41 and 1st Street East intersection	N/A	Petroleum Products	Low	<p>This site was historically undeveloped land until clearing was observed in 2007 and the northern corner was utilized for parking and materials storage. By 2010 the parking and material storage area is absent. During the reconnaissance, the proposed pond site consisted of grassed land.</p> <p>Dry Pond 4 Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and assigned a Risk Rating of Low. • Map ID 51 "102 1st Street East Property." A Phase I Environmental Site Assessment was conducted at this property in 2018, and no Recognized Environmental Concerns were identified. It is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 52 is an active gas station that had a release that was granted an SRCO. (220 feet north) <p>Within 500 feet of the proposed pond site is Map ID 50 (100 feet east) with a Contamination Risk Rating of Low and does not appear to present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station at Map ID 52 having been remediated, Dry Pond 4 Alt. 1 is assigned a Risk Rating of Low.</p>
Dry Pond 4B Alt. 3 Northeast corner of the US 41 and 1st Street East intersection	N/A	Petroleum Products	Low	<p>This site was historically undeveloped land until clearing was observed in 2007 and the northern corner was utilized for parking and materials storage. By 2010 the parking and material storage area is absent. During the reconnaissance, the proposed pond site consisted of grassed land.</p> <p>Dry Pond 4B Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 51 "102 1st Street East Property." A Phase I Environmental Site Assessment was conducted at this property in 2018 and no Recognized Environmental Concerns were identified. It is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 52 is an active gas station that had a release that was granted an SRCO. (220 feet northwest) <p>Within 500 feet of the proposed pond site is Map ID 50 (100 feet east) with a Contamination Risk Rating of Low and does not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station at Map ID 52 having been remediated, Dry Pond 4B Alt. 3 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VB-4B Alt. 2 Northeast corner of the US 41 and 1st Street East intersection	N/A	Petroleum Products	Low	<p>This site was historically undeveloped land until clearing was observed in 2007 and the northern corner was utilized for parking and materials storage. By 2010 the parking and material storage area is absent. During the reconnaissance, the proposed pond site consisted of grassed land.</p> <p>VB-4B Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 51 "102 1st Street East Property." A Phase I Environmental Site Assessment was conducted at this property in 2018, and no Recognized Environmental Concerns were identified. It is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 52 is an active gas station that had a release that was granted an SRCO. (Adjacent to the north) <p>Within 500 feet of the proposed pond site are Map ID 50 (380 feet southeast) and Map ID 53 (350 feet north) with a Risk Rating of Low and do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station at Map ID 52 having been remediated, VB-4B Alt. 2 is assigned a Risk Rating of Low.</p>
Dry Pond 4C Alt. 3 Southeast corner of the US 41 and Haben Boulevard intersection	N/A	Petroleum Products	High	<p>This site was historically undeveloped land until developed with the current gas station by 2007. No significant change is observed through 2023. During the reconnaissance, the site was comprised of an active gas station.</p> <p>Dry Pond 4C Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 52 "7-Eleven Food Store #33110." An active gas station with a Risk Rating of High. <p>Within 500 feet of the proposed pond site is Map ID 50 (490 feet southeast), Map ID 51 (adjacent to the south) and Map ID 53 (130 feet north) with a Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Dry Pond 4C Alt. 3 is assigned a Risk Rating of High due to the potential for having to decommission an active gas station to construct this pond.</p>
Wet Pond 4D Alt. 3 Southwest corner of the Haben Boulevard and Rivera Dunes Way Intersection	N/A	Petroleum Products	Low	<p>This site was historically undeveloped land until clearing is observed in 2007 and the site was utilized for parking and materials storage. By 2010 the parking and material storage area is absent. During the reconnaissance, the proposed pond site consisted of grassed land.</p> <p>Wet Pond 4D Alt. 4 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 52 is an active gas station that was granted an SRCO. (60 feet west) <p>Within 500 feet of the proposed pond site is Map ID 50 (370 feet south), Map ID 51 (50 feet south) and Map ID 53 (330 feet northwest), with a Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station at Map ID 52 having been remediated, Wet Pond 4D Alt. 4 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
Wet Pond 4E Alt. 4 Southeast corner of the Haben Boulevard and Rivera Dunes Way Intersection	N/A	Petroleum Products	Low	<p>This site was historically undeveloped land with an unpaved trail through the center. In 1957, earthwork is observed from 1957 through 1970. In 2007 the site was cleared and has been a grassed lot through 2023. During the reconnaissance, the proposed pond site consisted of a grassed lot.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 52 is an active gas station that was granted an SRCO. (470 feet west) <p>Within 500 feet of the proposed pond site are Map IDs 49 (adjacent to the west) and 51 (420 feet south) with a Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station at Map ID 52 having been remediated, Wet Pond 4E Alt. 4 is assigned a Risk Rating of Low.</p>
VB-4C Alt. 2 Southeast corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	Medium	<p>This site was historically undeveloped land from as early as 1940 through 2019. In 2023 construction is observed. During the reconnaissance, the proposed pond site consisted of a paved parking lot.</p> <p>VB-4C Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 54 is a former gas station with known groundwater contamination. (230 feet northwest) <p>Due to the known groundwater contamination located within 500 feet at Map ID 54, VB-4C Alt. 2 is assigned a Risk Rating of Medium.</p>
Dry Pond 6S Alt. 3 Northeast corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	Medium	<p>This site was historically undeveloped land until cleared in 2019. The site currently contains a constructed pond. During the reconnaissance, the site was an undeveloped lot with a pond.</p> <p>Dry Pond 6S Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 54 is a former gas station with known groundwater contamination. (180 feet west) <p>Due to the known groundwater contamination located within 500 feet at Map ID 54, Dry Pond 6S Alt. 3 is assigned a Risk Rating of Medium.</p>
Swale 6SA Alt. 2 Northeast corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	Medium	<p>This site was historically undeveloped land until cleared in 2019. The site currently contains a constructed pond. During the reconnaissance, the site was an undeveloped lot with a pond.</p> <p>Swale 6SA Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 54 is a former gas station with known groundwater contamination. (220 feet west) <p>Due to the known groundwater contamination located within 500 feet at Map ID 54, Swale 6SA Alt. 2 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VFS-6S Alt. 2 Northeast corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	Medium	<p>This site was historically undeveloped land until cleared in 2019. The site currently contains a constructed pond. During the reconnaissance, the proposed pond site was an undeveloped lot with a pond.</p> <p>VFS-6S Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 54 is a former gas station with known groundwater contamination. (180 feet west) <p>Due to the known groundwater contamination located within 500 feet at Map ID 54, VFS-6S Alt. 2 is assigned a Risk Rating of Medium.</p>
Swale-6S Alt. 1 Northeast corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products and Arsenic	Medium	<p>This site was historically undeveloped land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the US 41 off-ramp.</p> <p>Swale-6S Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (270 feet northwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 54 is a former gas station with known groundwater contamination. (180 feet west) • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (480 feet north) <p>Due to the known soil and groundwater contamination located within 500 feet at Map IDs 54 and 57, Swale-6S Alt. 1 is assigned a Risk Rating of Medium.</p>
Swale 6N Alt. 2 Adjacent to the east of the US 41 Northbound off ramp on US 301	N/A	N/A	Low	<p>This site was historically undeveloped land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the US 41 off-ramp.</p> <p>Swale-6N Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Swale-6N Alt. 2 is assigned a Risk Rating of Low.</p>
VFS-5S Alt. 2 Northwest corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	High	<p>This proposed pond site was historically undeveloped until a gas station was constructed by 1970. In 2007 the facility is comprised of a trailer store. No significant change is observed through 2023. During the reconnaissance, the proposed pond site is comprised of a trailer store and numerous trailers parked throughout the lot. VFS-5S Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 54 "Former Texaco" is a former gas station with known groundwater contamination. <p>Due to the known groundwater contamination located on-site from Map ID 54, VFS-5S Alt. 2 is assigned a Risk Rating of High.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
Swale 5SA Alt. 2 Northwest corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	High	<p>This proposed pond site was historically undeveloped until a gas station was constructed by 1970. In 2007 the facility is comprised of a trailer store. No significant change is observed through 2023. During the reconnaissance, the proposed pond site is comprised of a trailer store and numerous trailers parked throughout the lot. Swale 5SA Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 54 "Former Texaco" is a former gas station with known groundwater contamination. <p>Due to the known groundwater contamination located on-site from Map ID 54, Swale 5SA Alt. 2 is assigned a Risk Rating of High.</p>
Dry Pond 5SA Alt. 3 Northwest corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	High	<p>This proposed pond site was historically undeveloped until a gas station was constructed by 1970. In 2007 the facility is comprised of a trailer store. No significant change is observed through 2023. During the reconnaissance, the proposed pond site is comprised of a trailer store and numerous trailers parked throughout the lot. Dry Pond 5SA Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 54 "Former Texaco" is a former gas station with known groundwater contamination. <p>Due to the known groundwater contamination located on-site from Map ID 54, Dry Pond 5SA Alt. 3 is assigned a Risk Rating of High.</p>
Swale 5S Alt. 1 Northwest corner of the US 41 and 7th Street East intersection	N/A	Petroleum Products	High	<p>This proposed pond site was historically undeveloped until a gas station was constructed by 1970. In 2007 the facility is comprised of a trailer store. No significant change is observed through 2023. During the reconnaissance, the proposed pond site is comprised of a trailer store and numerous trailers parked throughout the lot. Swale 5S Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 54 "Former Texaco" is a former gas station with known groundwater contamination. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 55 is an active gas station with ongoing remediation. (270 feet west) <p>Due to the known groundwater contamination located on-site from Map ID 54 and within 500 feet from Map ID 55, Swale 5S Alt. 1 is assigned a Risk Rating of High.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Swale 5N Alt. 3 Adjacent to the west of the US 41 southbound on ramp from US 301</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides and Herbicides</p>	<p>Medium</p>	<p>The site was historically developed with citrus groves from as early as 1940. By 1957 the citrus groves were cleared, and the beginning development of a trailer park is observed. By 1980 the trailer park has expanded to the south. No significant change is observed through 2023. During the reconnaissance, the proposed pond site is comprised of grassed land adjacent to the west of the US 41 on-ramp and a portion of the trailer park adjacent to the west.</p> <p>Swale 5N Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (390 feet northeast) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 54 is a former gas station with known groundwater contamination. (230 feet south) • Map ID 55 is an active gas station with ongoing remediation. (380 feet west) <p>Due to the known groundwater exceedances at Map IDs 54 and 55 being within 500 feet, Swale 5N Alt. 3 is assigned a Risk Rating of Medium.</p>
<p>Wet Pond 5NB Alt. 2 Adjacent to the west of the US 41 southbound on ramp from US 301</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides, Herbicides, and Arsenic</p>	<p>Medium</p>	<p>The site was historically developed with citrus groves from as early as 1940. By 1957 the citrus groves were cleared, and the beginning development of a trailer park is observed. By 1980 the trailer park has expanded to the south. No significant change is observed through 2023. During the reconnaissance, the proposed pond site is comprised of grassed land adjacent to the west of the US 41 on-ramp and a portion of the trailer park adjacent to the west.</p> <p>Wet Pond 5NB Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 54 is a former gas station with known groundwater contamination. (100 feet south) • Map ID 55 is an active gas station with ongoing remediation. (480 feet northwest) <p>Due to the known groundwater exceedances at Map IDs 54 and 55 being within 500 feet, Wet Pond 5NB Alt. 2 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Wet Pond 5N Alt. 1 Southwest corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides, Herbicides, and Arsenic</p>	<p>Medium</p>	<p>The site was historically developed with citrus groves from as early as 1940. By 1957 the citrus groves were cleared. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>Wet Pond 5N Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (160 feet northeast) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 55 is an active gas station with ongoing remediation. (440 feet west) <p>Due to the known groundwater exceedances at Map ID 55 being within 500 feet, Wet Pond 5N Alt. 1 is assigned a Risk Rating of Medium.</p>
<p>Dry Pond 5NA Alt. 1, 2 & 3 Southwest corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides, Herbicides, and Arsenic</p>	<p>Low</p>	<p>The site was historically developed with citrus groves from as early as 1940. By 1957 the citrus groves were cleared. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>Dry Pond 5NA Alt. 1, 2 & 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (90 feet northeast) <p>Due to bridge materials not presenting a significant contamination risk and areas of citrus groves being redeveloped, Dry Pond 5NA Alt. 1, 2 & 3 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 6NA Alt. 2 Southeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Dry Pond 6NA Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (70 feet northwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (350 feet northeast) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Dry Pond 6NA Alt. 2 is assigned a Risk Rating of Medium.</p>
<p>Wet Pond 6NA Alt. 1 Southeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Wet Pond 6NA Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (110 feet northwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (320 feet north) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Wet Pond 6NA Alt. 1 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 6N Alt. 1 & 3 Southeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Dry Pond 6N Alt. 1 & 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (70 feet northwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (420 feet northeast) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Dry Pond 6N Alt. 1 & 3 is assigned a Risk Rating of Medium.</p>
<p>INTERIM IMPROVEMENTS END</p>				
<p>Wet Pond 7A Alt. 1 Northwest corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>Wet Pond 7A Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (110 feet southeast) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (480 feet east) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Wet Pond 7A Alt. 1 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Swale 7 Alt. 3 Northwest corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>Swale 7 Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (300 feet southeast) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (400 feet east) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Swale 7 Alt. 3 is assigned a Risk Rating of Medium.</p>
<p>VFS-7 Alt. 2 Northwest corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>N/A</p>	<p>Low</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>VFS-7 Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (220 feet southeast) <p>Due to bridge materials not presenting a significant contamination risk, VFS-7 Alt. 2 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 7 Alt. 1, 2 & 3 Northwest corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>Dry Pond 7 Alt. 1, 2 & 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (50 feet southeast) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (360 feet east) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Dry Pond 7 Alt. 1, 2 & 3 is assigned a Risk Rating of Medium.</p>
<p>Swale 8A Alt. 3 Northeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Swale 8A Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (220 feet southwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 56 is an active gas station. (460 feet west) • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (90 feet west) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Swale 8A Alt. 3 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Wet Pond 8 Alt. 1 Northeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Wet Pond 8 Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (90 feet southwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (120 feet east) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Wet Pond 8 Alt. 1 is assigned a Risk Rating of Medium.</p>
<p>Swale 8 Alt. 3 Northeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Swale 8 Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (160 feet southwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (150 feet east) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Swale 8 Alt. 3 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 8B Alt. 3 Northeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Dry Pond 8B Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (100 feet southwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (150 feet east) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Dry Pond 8B Alt. 3 is assigned a Risk Rating of Medium.</p>
<p>Dry Pond 8A Alt. 1 & 2 Northeast corner of the US 41 over US 301 overpass</p>	<p>N/A</p>	<p>Arsenic</p>	<p>Medium</p>	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>Dry Pond 8A Alt. 1 & 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of High within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 72 is a bridge overpass with known asbestos contaminants. Although contamination has been identified at the bridge location, the proposed bridge improvements are anticipated to be contained within the existing bridge footprint. Therefore, the identified impacts are not expected to affect proposed pond construction activities. (100 feet southwest) <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (140 feet east) <p>Due to Map ID 57 having soil and groundwater land use restrictions, Dry Pond 8A Alt. 1 & 2 is assigned a Risk Rating of Medium.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VFS-8 Alt. 2 Adjacent to the east of the US 41 northbound on-ramp from US 301	N/A	Arsenic	Medium	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the east of US 41.</p> <p>VFS-8 Alt. 2 is within:</p> <ul style="list-style-type: none"> Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (Adjacent to the west) <p>Due to Map ID 57 having soil and groundwater land use restrictions, VFS-8 Alt. 2 is assigned a Risk Rating of Medium.</p>
VB-9A Alt. 1 & 2 West of US 41 / East of the 1st Avenue East and 12th Street Court West	N/A	Arsenic	Medium	<p>The site was historically undeveloped. By 1969 the interchange has been developed, and the site is grassed land. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>VB-9A Alt. 1 & 2 is within:</p> <ul style="list-style-type: none"> Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (260 feet southeast) <p>Due to Map ID 57 having soil and groundwater land use restrictions, VB-9A Alt. 1 & 2 is assigned a Risk Rating of Medium.</p>
VB-9B Alt. 1 & 2 Southwest corner of the 17th Street East and US 41 intersection	N/A	Petroleum Products, Pesticides and Herbicides	Low	<p>The site was historically undeveloped and citrus groves. By 1969 the interchange has been developed, and the citrus groves were cleared. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>VB-9B Alt. 1 & 2 is within:</p> <ul style="list-style-type: none"> Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> Map ID 64 an active gas station with no known impacts. (180 feet northeast) <p>Within 500 feet of the proposed pond site are Map ID 58 (adjacent to the west) and Map ID 59 (100 feet east) with Contamination Risk Ratings of Low and do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance with no discharges, VB-9B Alt. 1 & 2 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 9 Alt. 3 Southeast quadrant of the 17th Street East and US 41 intersection</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides and Herbicides</p>	<p>Medium</p>	<p>This site was historically citrus groves from as early as 1940. The groves have been cleared by 1962, and the site has been a recreational field through 2023. During the reconnaissance, the proposed pond site was a recreational field with two basketball courts located on the western side of the property.</p> <p>Dry Pond 9 Alt. 3 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 57 is a Walmart store with land use restrictions due to known soil and groundwater contamination. For any dewatering activities outside of the property limits, a plan pre-approved by FDEP's DWM must be in place to ensure appropriate handling, treatment and disposal of any extracted groundwater that may be contaminated. (100 feet south) <p>Within 500 feet of the proposed pond site is Map ID 58 (260 feet west) and Map ID 59 (adjacent to the north) with Contamination Risk Ratings of Low and do not appear to present an apparent contamination risk to the proposed pond.</p> <p>Due to Map ID 57 having land use, soil and groundwater restrictions, Dry Pond 9 Alt. 3 is assigned a Risk Rating of Medium.</p>
<p>Wet Pond 9C Alt. 2 Southeast quadrant of the +7th Street East and US 41 intersection</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides and Herbicides</p>	<p>Low</p>	<p>This site was historically citrus groves from as early as 1940. The groves have been cleared by 1969, and the site has been a recreational field through 2023. During the reconnaissance, the proposed pond site was a recreational field.</p> <p>Wet Pond 9C Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Within 500 feet of the proposed pond site are Map ID 58 (490 feet west) and Map ID 59 (adjacent to the north) with Contamination Risk Ratings of Low and do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of recorded contamination impacts within 500 feet, Wet Pond 9C Alt. 2 is assigned a Risk Rating of Low.</p>
<p>VB-9C Alt. 1 & 2 Southeast corner of the 17th Street East and US 41 intersection</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides and Herbicides</p>	<p>Low</p>	<p>The site was historically citrus groves. By 1969 the interchange has been developed, and the citrus groves have been cleared. During the reconnaissance, the proposed pond site consisted of grassed land adjacent to the west of US 41.</p> <p>VB-9C Alt. 1 & 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (120 feet northeast) <p>Within 500 feet of the proposed pond site are Map ID 58 (140 feet west) and Map ID 59 (adjacent to the east) with Contamination Risk Ratings of Low that do not appear to present a contamination risk to the proposed pond.</p> <p>Due to the gas station having no discharges and in compliance and areas of citrus groves being redeveloped, VB-9C Alt. 1 & 2 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
Wet Pond 9D Alt. 1 Southwest corner of the 17th Street East intersection	N/A	Petroleum Products, Pesticides and Herbicides	Low	<p>This site was historically citrus groves from as early as 1940. The groves have been cleared by 1970. In 1991 two single family residences are constructed on the pond site. During the reconnaissance, the proposed pond site consisted of two single family residences.</p> <p>VB-9C Alt. 1 & 2 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (380 feet northwest) <p>Within 500 feet of the proposed pond site is Map ID 59 (adjacent to the west), Map ID 60 (150 feet east), Map ID 61 (440 feet northeast) and Map ID 62 (420 feet northeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance with no discharges, and areas of citrus groves being redeveloped, Wet Pond 9D Alt. 1 is assigned a Risk Rating of Low.</p>
Wet Pond 9F Alt. 1 Northwest corner of the US 41 and 17th Street East intersection	N/A	Petroleum Products and Hazardous Materials	Low	<p>This site was developed residentially from as early as 1940. In 1991 two residences in the southeast corner have been cleared. In 2023 the residence in the northeast corner is observed to have numerous cars, boats and RVs within the backyard. During the reconnaissance, the proposed pond site consisted of four single-family residences and a vacant lot.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (120 feet east) <p>Within 500 feet of the proposed pond site are Map ID 58 (80 feet south) and Map ID 59 (200 feet southeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance with no discharges, Wet Pond 9F Alt. 1 is assigned a Risk Rating of Low.</p>
Wet Pond 9E Alt. 1 Northwest corner of the 17th Street East intersection	N/A	Petroleum Products, Pesticides, Herbicides, and Arsenic	Low	<p>This site was historically citrus groves until it was cleared in 1991. No significant change is observed through 2023. During the reconnaissance, the proposed pond site consisted of a partially vegetated lot with a wet pond in the northern portion.</p> <p>Wet Pond 9E Alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (300 feet west) <p>Within 500 feet of the proposed pond site are Map ID 59 (100 feet southwest), Map ID 60 (200 feet southeast), Map ID 61 (370 feet east), Map ID 62 (200 feet northeast) and Map ID 63 (140 feet northeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance with no discharges and areas of citrus groves being redeveloped, Wet Pond 9E Alt. 1 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
Wet Pond 10A Alt. 2 Northeast corner of the US 41 and 17th Street East intersection	N/A	Petroleum Products, Pesticides, Herbicides, and Arsenic	High	<p>This site was historically citrus groves from as early as 1940. The groves fell fallow around 1969. In 1998 Map ID 64 Racetrac gas station was constructed on-site. During the reconnaissance, the proposed pond site consisted of a gas station and areas of dense vegetation.</p> <p>Wet Pond 10A Alt. 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 64 an active gas station without known impacts with a Risk Rating of Medium. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Within 500 feet of the proposed pond site is Map ID 59 (100 feet southeast) with a Contamination Risk Rating of Low that does not present a contamination risk to the proposed pond.</p> <p>Wet Pond 10A Alt. 2 is assigned a Risk Rating of High due to the potential for having to decommission an active gas station to construct this pond.</p>
Dry Pond 9A Alt. 2 Northwest corner of the US 41 and 17th Street East intersection	N/A	Petroleum Products	Low	<p>This site was developed residentially from as early as 1940 through 1991 when the residences have been cleared. No significant change is observed through 2023. During the reconnaissance, the proposed pond site consisted of a vacant lot.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. <p>Within 500 feet of the proposed pond site are Map ID 58 (80 feet south) and Map ID 59 (200 feet southeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance without discharges, Dry Pond 9A Alt. 2 is assigned a Risk Rating of Low.</p>
VB-9D Alt. 1 Northwest corner of the US 41 and 17th Street East intersection	N/A	Petroleum Products	Low	<p>The site was developed residentially from as early as 1940. During the reconnaissance, the southern portion of the proposed pond site was a vacant lot and the northern portion was residential property.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (100 feet east) <p>Within 500 feet of the proposed pond site are Map ID 58 (90 feet south) and Map ID 59 (200 feet southeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance without discharges, VB-9D Alt. 1 is assigned a Risk Rating of Low.</p>
VB-9E Alt. 1 Northwest corner of the US 41 and 18th Street intersection	N/A	Petroleum Products	Low	<p>The site was developed residentially from as early as 1940. During the reconnaissance, the southern portion of the proposed pond site was a vacant lot and the northern portion was residential property.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (120 feet east) <p>Within 500 feet of the proposed pond site is Map ID 65 (350 feet north) with a Contamination Risk Rating of Low that does not present a contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance without discharges, VB-9E Alt. 1 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
<p>Dry Pond 9B Alt. 2 Northwest corner of the US 41 and 18th Street intersection</p>	<p>N/A</p>	<p>Petroleum Products</p>	<p>Low</p>	<p>The site was developed residentially from as early as 1940. By 1980 the residences were cleared and the site was a vacant lot through 2023. During the reconnaissance, the proposed pond site was a vacant lot.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (120 feet east) <p>Within 500 feet of the proposed pond site is Map ID 65 (450 feet north) with a Contamination Risk Rating of Low that does not present a contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance without discharges, Dry Pond 9B Alt. 2 is assigned a Risk Rating of Low.</p>
<p>VB-9F Alt. 1 Southeast corner of the US 41 and 19th Street East intersection</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides, Herbicides, and Arsenic</p>	<p>Low</p>	<p>This site was historically citrus groves from as early as 1940. The groves fell fallow around 1969. No significant change was observed through 2023. During the reconnaissance, the proposed pond site consisted of densely vegetated land adjacent to the east of US 41.</p> <p>VB-9F alt. 1 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city that does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 is an active gas station without known impacts. (60 feet south) <p>Within 500 feet of the proposed pond site are Map ID 65 (150 feet northwest) and Map ID 66 (480 feet northwest) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance without discharges and areas of citrus groves being redeveloped, VB-9F Alt. 1 is assigned a Risk Rating of Low.</p>
<p>Baffle Swale 10 Alt. 1 & 2 Southeast corner of the US 41 and 19th Street East intersection</p>	<p>N/A</p>	<p>Petroleum Products, Pesticides, Herbicides, and Arsenic</p>	<p>Low</p>	<p>This site was historically citrus groves from as early as 1940. The groves fell fallow around 1969. No significant change was observed through 2023. During the reconnaissance, the proposed pond site consisted of densely vegetated land adjacent to the east of US 41 with a creek running through the northern portion.</p> <p>Baffle Swale 10 Alt. 1 & 2 is within:</p> <ul style="list-style-type: none"> • Map ID 49 "Palmetto Economic Enhancement District." This is a Brownfield Area designated for the economic redevelopment of the city and does not indicate specific potential for contamination and is assigned a Risk Rating of Low. • Map ID 69 Historical Citrus Groves with a Risk Rating of Low. Due to the areas of citrus groves being reworked or redeveloped, the historical agricultural land use is not anticipated to impact proposed pond construction activities. <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (50 feet south) <p>Within 500 feet of the proposed pond site are Map ID 63 (480 feet east) and 65 (240 feet west) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station being in compliance and having no discharges and areas of citrus groves being redeveloped, Baffle Swale 10 Alt. 1 & 2 is assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
Wet Pond 10 Alt. 1 Southeast quadrant of the US 41 and 19th Street East intersection	N/A	Petroleum Products	Low	<p>The site was historically undeveloped land until 1957 when two residences were constructed in the northern portion. Clearing is observed within the southern half in 1970. In 2015 the house to the east has been cleared and in 2023 the house to the right has been cleared. During the reconnaissance, the proposed pond site consisted of two vacant lots within the northern half and densely vegetated land with a creek through the center to the south.</p> <p>Map IDs with a Risk Rating of Medium within 500 feet:</p> <ul style="list-style-type: none"> • Map ID 64 an active gas station without known impacts. (130 feet southwest) <p>Within 500 feet of the proposed pond site are Map ID 62 (360 feet southeast), Map ID 63 (230 feet east) and Map ID 65 (480 feet west) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the gas station having in compliance with no discharges, Wet Pond 10 Alt. 1 is assigned a Risk Rating of Low.</p>
Wet Pond 10B Alt. 3 Southeast corner of the US 41 and 21st Street East intersection	N/A	N/A	Low	<p>The northern half of this site has historically been developed residentially while the southern half is densely vegetated undeveloped land. During the reconnaissance, the proposed pond site consisted of a residence and undeveloped land.</p> <p>Within 500 feet of the proposed pond site are Map IDs 65 (80 feet west) and 66 (110 feet northwest) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of contamination impacts, Wet pond 10B Alt. 3 has been assigned a Risk Rating of Low.</p>
VB-10 Alt. 3 Northeast corner of the US 41 and 21st Street East intersection	N/A	N/A	Low	<p>Historically this site contained a residence and undeveloped land adjacent to the east of US 41. During the reconnaissance, the proposed pond site consisted of a residence and undeveloped land adjacent to the east of US 41.</p> <p>Within 500 feet of the proposed pond site are Map IDs 65 (390 feet southwest) and 66 (70 feet southwest) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of contamination impacts, VB-10 Alt. 3 has been assigned a Risk Rating of Low.</p>
Wet Pond 10C Alt. 3 Northeast quadrant of the US 41 and 21st Street East intersection	N/A	N/A	Low	<p>Historically this site has been undeveloped and During the reconnaissance, the proposed pond site consisted of an undeveloped grassed lot.</p> <p>Within 500 feet of the proposed pond site is Map ID 66 (200 feet southwest) with a Contamination Risk Rating of Low that does not present a contamination risk to the proposed pond.</p> <p>Due to the lack of contamination impacts, Wet Pond 10C Alt. 3 has been assigned a Risk Rating of Low.</p>
VB-10A Alt. 3 Northwest corner of the US 41 and 21st Street East intersection	N/A	N/A	Low	<p>Historically this site was developed residentially. During the reconnaissance, the site consisted of residential property adjacent to the west of US 41.</p> <p>Within 500 feet of the proposed pond site are Map ID 65 (350 feet southeast) and Map ID 66 (50 feet southeast) with Contamination Risk Ratings of Low that do not present an apparent contamination risk to the proposed pond.</p> <p>Due to the lack of contamination impacts, VB-10A Alt. 3 has been assigned a Risk Rating of Low.</p>
VB-10B Alt. 3 Southeast corner of the US 41 and 23rd Street East intersection	N/A	N/A	Low	<p>Historically this site was developed residentially. During the reconnaissance, the site consisted of residential property adjacent to the east of US 41.</p> <p>Within 500 feet of the proposed pond site is Map ID 66 (360 feet southwest) with a Contamination Risk Rating of Low that does not present a contamination risk to the proposed pond.</p> <p>Due to the lack of contamination impacts, VB-10B Alt. 3 has been assigned a Risk Rating of Low.</p>

Table 7-2: Risk Ratings for Ponds

Site Information	Facility ID/Source	Contaminants of Concern	Risk Rating	Comments
VB-10D Alt. 3 Northwest corner of the US 41 and 23rd Street East intersection	N/A	N/A	Low	Historically this site consisted of residential property. During the reconnaissance, the proposed pond site consisted of residential property and a portion of a grocery store parking lot. Within 500 feet of the proposed pond site is Map ID 67 (360 feet southeast) with a Contamination Risk Rating of Low that does not present a contamination risk to the proposed pond. Due to the lack of contamination impacts, VB-10D Alt. 3 has been assigned a Risk Rating of Low.
VB-10C Alt. 3 Northeast corner of the US 41 and 23rd Street East intersection	N/A	N/A	Low	Historically this site was developed residentially. During the reconnaissance, the site consisted of residential property adjacent to the east of US 41. Within 500 feet of the proposed pond site is Map ID 67 (360 feet southwest) with a Contamination Risk Rating of Low that does not present a contamination risk to the proposed pond. Due to the lack of contamination impacts, VB-10C Alt. 3 has been assigned a Risk Rating of Low.

PREFERRED ALTERNATIVE END

SECTION 8 CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

A total of 74 contamination sites were identified within the study area. The following table presents a summary of the risk ratings assigned for each contamination site/facility:

Table 8-1: Summary of Risk Ratings – Mainline

High	Medium	Low	No
7	20	47	0

The following table presents a summary of the risk ratings assigned for each pond:

Table 8-2: Summary of Risk Ratings – Ponds

High	Medium	Low	No
10	33	40	0

8.2 RECOMMENDATIONS

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

Additional information may become available or site-specific conditions may change from the time this report was prepared and should be considered prior to acquiring right-of-way and/or proceeding with roadway construction. If the preferred alignment changes, and/or new potential contamination sites have been constructed, this report should be revised and updated to reflect those changes.

For the locations rated Low for contamination, no further action is required. These locations have been determined not to have anticipated contamination risk to the project at this time.

Seven High-rated locations and 20 Medium-rated locations were identified within the study area as follows:

- Map IDs 37 and 57 are locations with known soil and groundwater impacts and land use restrictions.
- Map ID 48 is a bridge with known asbestos containing materials.
- Map IDs 21, 22, 33, 52, 55, 56 and 64 are active gas stations.
- Map IDs 8, 13, 27 and 29 had underground fuel tanks removed without closure assessments or lacking documentation.

- Map ID 54 is a former gas station with known contamination concerns associated with it.
- Map IDs 9, 16, 24, 25, 42, and 44 are historical filling stations.
- Map ID 26 is a historical dry-cleaning facility.
- Map ID 35 is a facility with known petroleum contamination present on-site.
- Map ID 68 is an existing and historical rail line that crosses the alignment in several places.
- Map ID 72 is a bridge with ACM that has not been tested for MBC.
- Map ID 73 is a bridge with that has not been tested for ACM or MBC.
- Map ID 6 is a Brownfield site with known groundwater and soil impacts.

Level II testing is performed to assess the presence/absence of contamination, identify impacts to construction, and to develop site-specific recommendations for right-of-way acquisition and construction activities. Level II activities are performed at the discretion of the DCIC and performed by FDOT's Contamination Assessment Remediation contractor. If Level II testing is determined to be required, it should be completed prior to construction.

For projects with new (proposed) right-of-way, Level II activities should be completed prior to right-of-way acquisition. Typically, they are performed during the design phase and can include soil borings, monitoring well installation, soil and groundwater sampling, laboratory testing, OVA screening, boundary surveys, additional file research, and GPR surveys. Further evaluation and Level II testing, at the discretion of the DCIC, may be necessary for the following:

- ACM: A High-rated location (Map ID 48) was identified within the study area. Map ID 48 is Bridge No. 130053, which carries US 41 across Manatee River. ACM is present on the bridge. The bridge will require asbestos abatement during demolition. There is a friable asbestos-containing felt paper between the end bents and bridge decking. If asbestos removal is required, it may cost up to \$50,000.00.
- ACM: A High-rated location (Map ID 72) was identified within the study area. Map ID 72 is Bridge No. 130002, which carries US 41 over US 301. ACM is present within the median reflectors. The bridge will require asbestos abatement during demolition if the materials are to be recycled. If asbestos removal is required, it may cost up to \$5,000.00. The bridge was not sampled for metal-based paint and metal-based paint sampling is recommended. It is estimated to cost \$5,000.00 per site.
- ACM & MBC: Bridge No. 130008 (Map ID 73), located on US 41 over the CSX rail line, with no records indicating ACM and MBC sampling have been performed. ACM and MBC sampling is recommended and is estimated to cost \$5,000.00 per site.
- Petroleum Products: Map IDs 21, 22, 55, and 56 were assigned a risk rating of Medium for concerns related to soil and groundwater impacts at these active gas stations. Level II activities may include OVA screening, and the collection of soil and/or groundwater samples

for laboratory analysis. Soil and/or groundwater analytical testing may include RCRA 8 Metals, Total Recoverable Petroleum Hydrocarbons by the Florida PRO Method, Volatiles by EPA Method 8260, and Semi-volatiles and PAHs by EPA Method 8270. OVA screening is also recommended. Level II testing is estimated at \$5,000 to \$10,000 per site.

- Petroleum Products: Map IDs 33, 52, and 64 were assigned a risk rating of High for concerns related to soil and groundwater impacts affecting pond construction at these active gas stations. Level II and Level III activities may include OVA screening, and the collection of soil and/or groundwater samples for laboratory analysis. Soil and/or groundwater analytical testing may include RCRA 8 Metals, Total Recoverable Petroleum Hydrocarbons by the Florida PRO Method, Volatiles by EPA Method 8260, and Semi-volatiles and PAHs by EPA Method 8270. OVA screening is also recommended. Level II testing is estimated at \$5,000 to \$10,000 per site. Level III activities include decommissioning the gas station to remove the existing tanks and fueling structures and are estimated at \$50,000 to \$100,000 per site.
- Petroleum Products: Map IDs 8, 13, 25, 27 and 29 were assigned a risk rating of Medium for concerns relative to soil and groundwater impacts from formerly removed underground tanks without closure assessments or lacking documentation. Level II activities may include OVA screening, and the collection of soil and/or groundwater samples for laboratory analysis. Soil and/or groundwater analytical testing may include RCRA 8 Metals, Total Recoverable Petroleum Hydrocarbons by the Florida PRO Method, Volatiles by EPA Method 8260, and Semi-volatiles and PAHs by EPA Method 8270. OVA screening is also recommended. Level II testing is estimated at \$5,000 to \$10,000 per site.
- Petroleum Products: Map IDs 9, 16, 24, 42, and 44 were assigned a risk rating of Medium and Map ID 54 is assigned a High Risk for concerns relative to soil and groundwater impacts at these former or possible historical filling stations. Level II activities may include OVA screening, and the collection of soil and/or groundwater samples for laboratory analysis. Soil and/or groundwater analytical testing may include RCRA 8 Metals, Total Recoverable Petroleum Hydrocarbons by the Florida PRO Method, Volatiles by EPA Method 8260, and Semi-volatiles and PAHs by EPA Method 8270. OVA screening is also recommended. Level II testing is estimated at \$5,000 to \$10,000 per site.
- Dry Cleaner Solvents: Map ID 26 was assigned a risk rating of Medium for concerns relative to potential soil and groundwater impacts from former historical dry-cleaning activities. Level II activities may include OVA screening, and the collection of soil and/or groundwater samples for laboratory analysis. Soil and/or groundwater analytical testing may include Volatiles by EPA Method 8260 and Semi-volatiles and PAHs by EPA Method 8270. Level II testing is estimated at \$5,000 to \$10,000 per site.
- Map ID 35 is a location with known soil and groundwater contamination. Once final design plans are available, additional review is recommended to evaluate dewatering operations that may be necessary under the NPDES Generic Permit for Stormwater Discharges from

Large and Small Construction Activities. Verification testing may be warranted for sites rated Medium or High within 500 feet of the dewatering area. If Level III support is needed for NPDES permitting and treatment, costs can reach up to \$100,000 per site.

- Map ID 37 and Dry Pond 2A Alt. 2 have groundwater and soil impacts and land use restrictions. It is recommended that this site not be a selected pond location due to the complexity of the contamination concerns and the active construction of the Bradenton Police Department on the property.
- Map ID 57 has groundwater and soil impacts and land use restrictions. It is within 500 feet of the following ponds and may affect dewatering permitting: Swale 6S Alt. 1 (480 feet north), Dry Pond 6NA Alt. 2 (350 feet northeast), Wet Pond 6NA Alt. 1 (320 feet north), Dry Pond 6N Alt. 1 & 3 (420 feet northeast), Swale 7 Alt. 3 (400 feet east), Wet Pond 7A Alt. 1 (480 feet east), Dry Pond 7 Alt. 1, 2, & 3 (360 feet east), Swale 8A Alt. 3 (90 feet west), Wet Pond 8 Alt. 1 (120 feet east), Swale 8 Alt. 3 (150 feet east), Dry Pond 8B Alt. 3 (150 feet east), Dry Pond 8A Alt. 1 & 2 (140 feet east), VFS-8 Alt. 2 (Adjacent to the west), VB-9A Alt 1 & 2 (260 feet southeast) and Dry Pond 9 Alt. 3 (100 feet south).
- Map ID 68 (CSX rail line) has potential for soil impacts associated with rail lines. If the project will involve the rail lines, Level II activities may include OVA screening and the collection of soil and/or groundwater samples for laboratory analysis. Soil testing may include RCRA 8 Metals, Total Recoverable Petroleum Hydrocarbons by the Florida PRO Method, and Semi-volatiles and PAHs by EPA Method 8270. OVA screening is also recommended. Level II testing is estimated at \$5,000 to \$10,000 per site. If testing is necessary within an active CSX right-of-way, coordination with CSX will be required. At least six to eight weeks of time should be allotted to coordinate and schedule with CSX. Additional fees may also be required by CSX for providing a flagman for the sampling event.
- Dewatering activities will likely be necessary for wet ponds, drainage structures, and bridge foundation work. Map IDs 6, 54 and 55 have existing contamination concerns and are located within 500 feet of ponds and swales that may require dewatering. Once final design plans are available, additional review is recommended to evaluate dewatering operations that may be necessary under the NPDES Generic Permit for Stormwater Discharges from Large and Small Construction Activities. Verification testing may be warranted for sites rated Medium or High within 500 feet of the dewatering area. If Level III support is needed for NPDES permitting and treatment, costs can reach up to \$100,000 per site.
- Additional Concerns: If a proposed pond site contains buildings and/or structures constructed before roughly 1990, there is a risk of ACM and MBC impacts. ACM and MBC sampling is recommended prior to demolition activities during pond construction and is estimated to cost \$5,000.00 per site.

APPENDICES

- Appendix A CONTAMINATION SITE MAPS
- Appendix B HISTORICAL AERIAL PHOTOGRAPHS
- Appendix C LAND USE, USGS TOPOGRAPHIC AND SOIL MAPS, EDR CITY DIRECTORIES,
 TOPOGRAPHIC MAPS, and SANBORN FIRE INSURANCE MAPS
- Appendix D REGULATORY DATABASE REPORT
- Appendix E SITE PHOTOGRAPHS
- Appendix F SUPPLEMENTAL INFORMATION

APPENDIX A

CONTAMINATION SITE MAPS

Contamination sites and associated risk ratings will be shown on the following A-1B through A-1F figures.

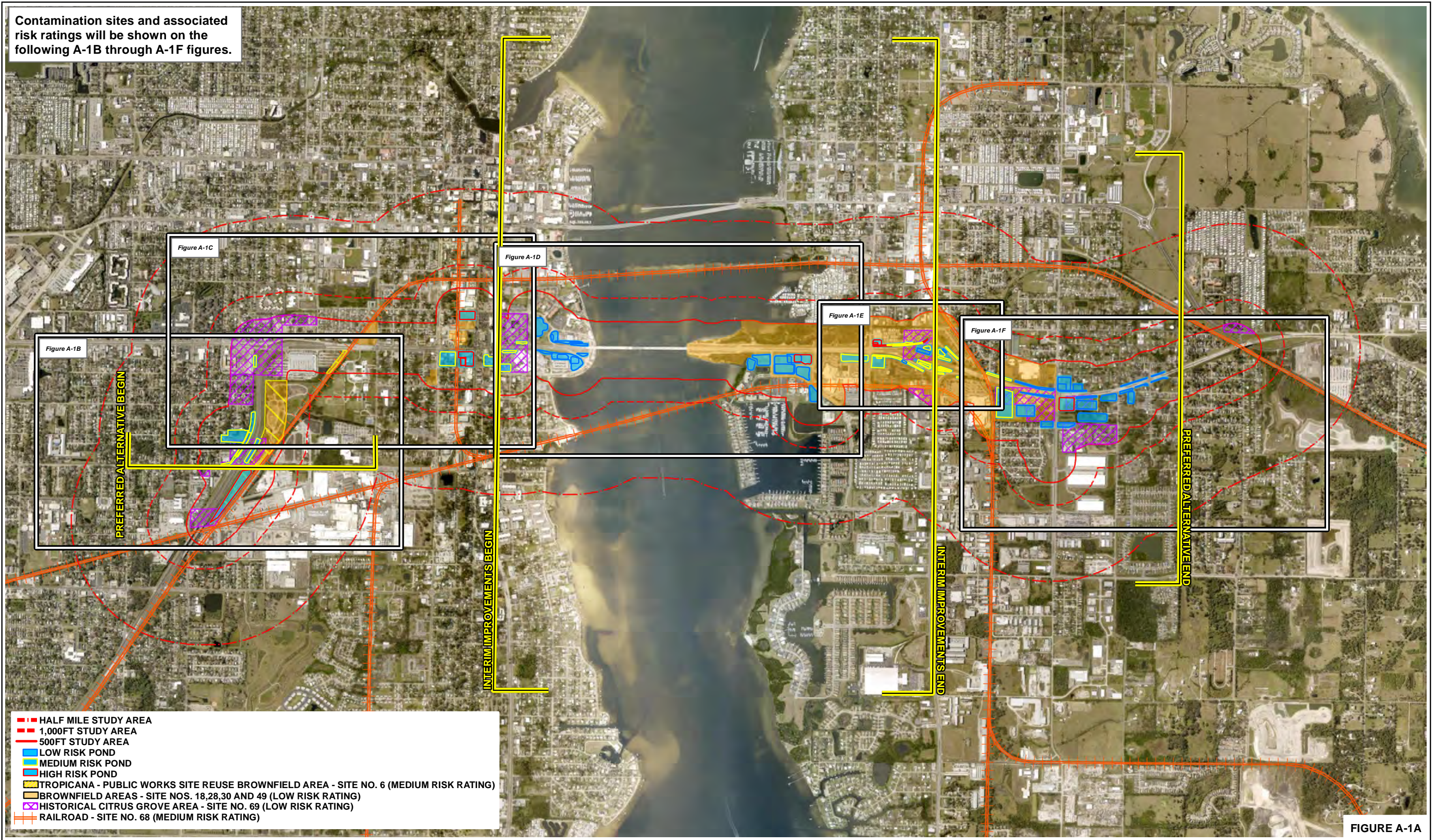
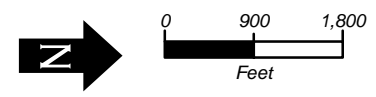


FIGURE A-1A

- HALF MILE STUDY AREA
- 1,000FT STUDY AREA
- 500FT STUDY AREA
- LOW RISK POND
- MEDIUM RISK POND
- HIGH RISK POND
- TROPICANA - PUBLIC WORKS SITE REUSE BROWNFIELD AREA - SITE NO. 6 (MEDIUM RISK RATING)
- BROWNFIELD AREAS - SITE NOS. 18,28,30 AND 49 (LOW RISK RATING)
- HISTORICAL CITRUS GROVE AREA - SITE NO. 69 (LOW RISK RATING)
- + RAILROAD - SITE NO. 68 (MEDIUM RISK RATING)



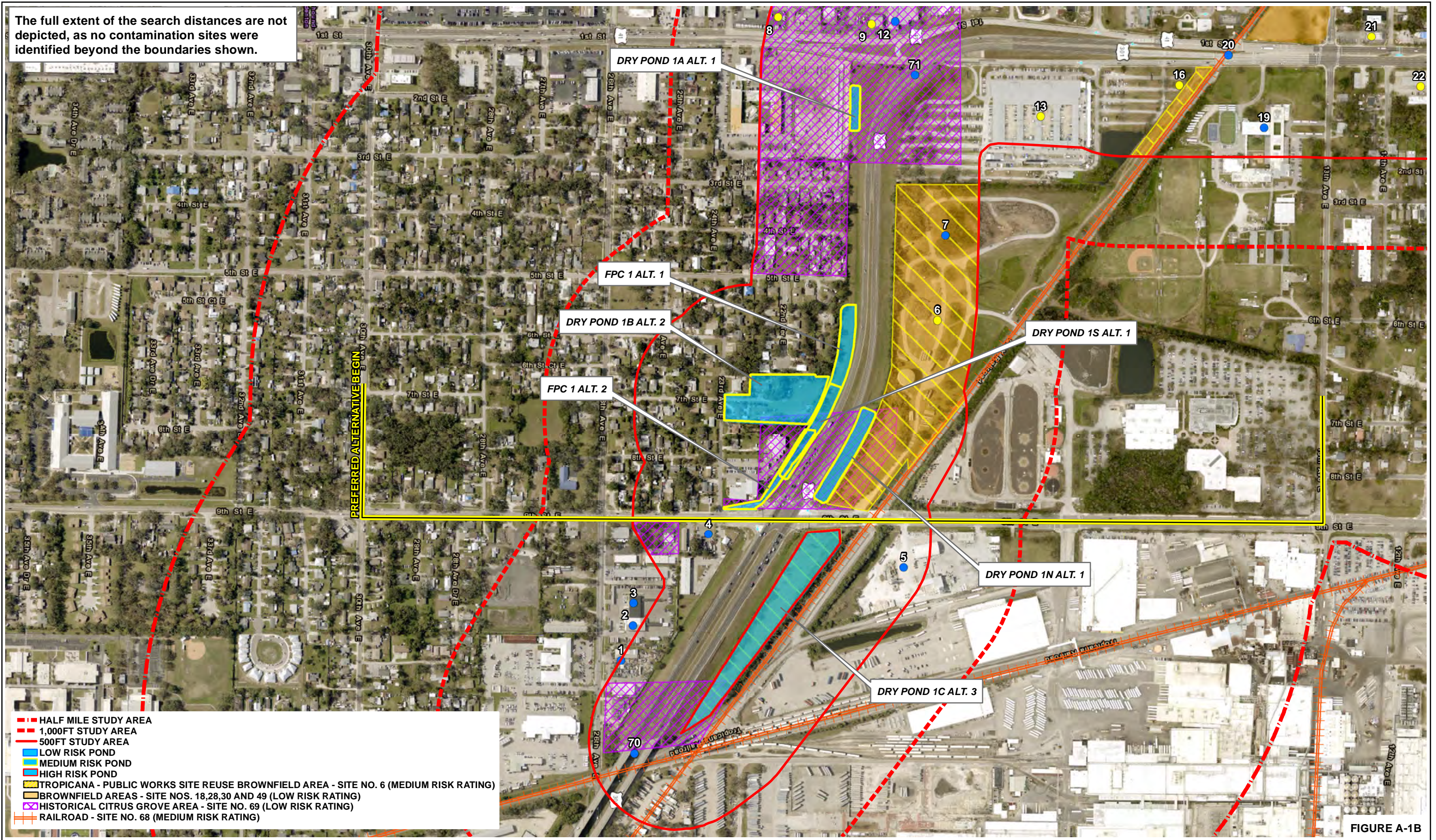
RICHARD P. McCORMICK, P.G.
 P.G. LICENSE NUMBER 2096
 GEOTECHNICAL AND ENVIRONMENTAL
 CONSULTANTS, INC.
 919 LAKE BALDWIN LANE
 ORLANDO, FL. 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41 / US 301	MANATEE	444843-1-22-01

POTENTIAL CONTAMINATION AND
 POND SITE LOCATION MAP
 (OVERVIEW)

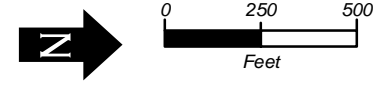
SHEET
NO.

The full extent of the search distances are not depicted, as no contamination sites were identified beyond the boundaries shown.



- HALF MILE STUDY AREA
- 1,000FT STUDY AREA
- 500FT STUDY AREA
- LOW RISK POND
- MEDIUM RISK POND
- HIGH RISK POND
- TROPICANA - PUBLIC WORKS SITE REUSE BROWNFIELD AREA - SITE NO. 6 (MEDIUM RISK RATING)
- BROWNFIELD AREAS - SITE NOS. 18,28,30 AND 49 (LOW RISK RATING)
- HISTORICAL CITRUS GROVE AREA - SITE NO. 69 (LOW RISK RATING)
- RAILROAD - SITE NO. 68 (MEDIUM RISK RATING)

FIGURE A-1B



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US 41 / US 301	MANATEE	444843-1-22-01

POTENTIAL CONTAMINATION AND
 POND SITE LOCATION MAP

SHEET
 NO.

The full extent of the search distances are not depicted, as no contamination sites were identified beyond the boundaries shown.

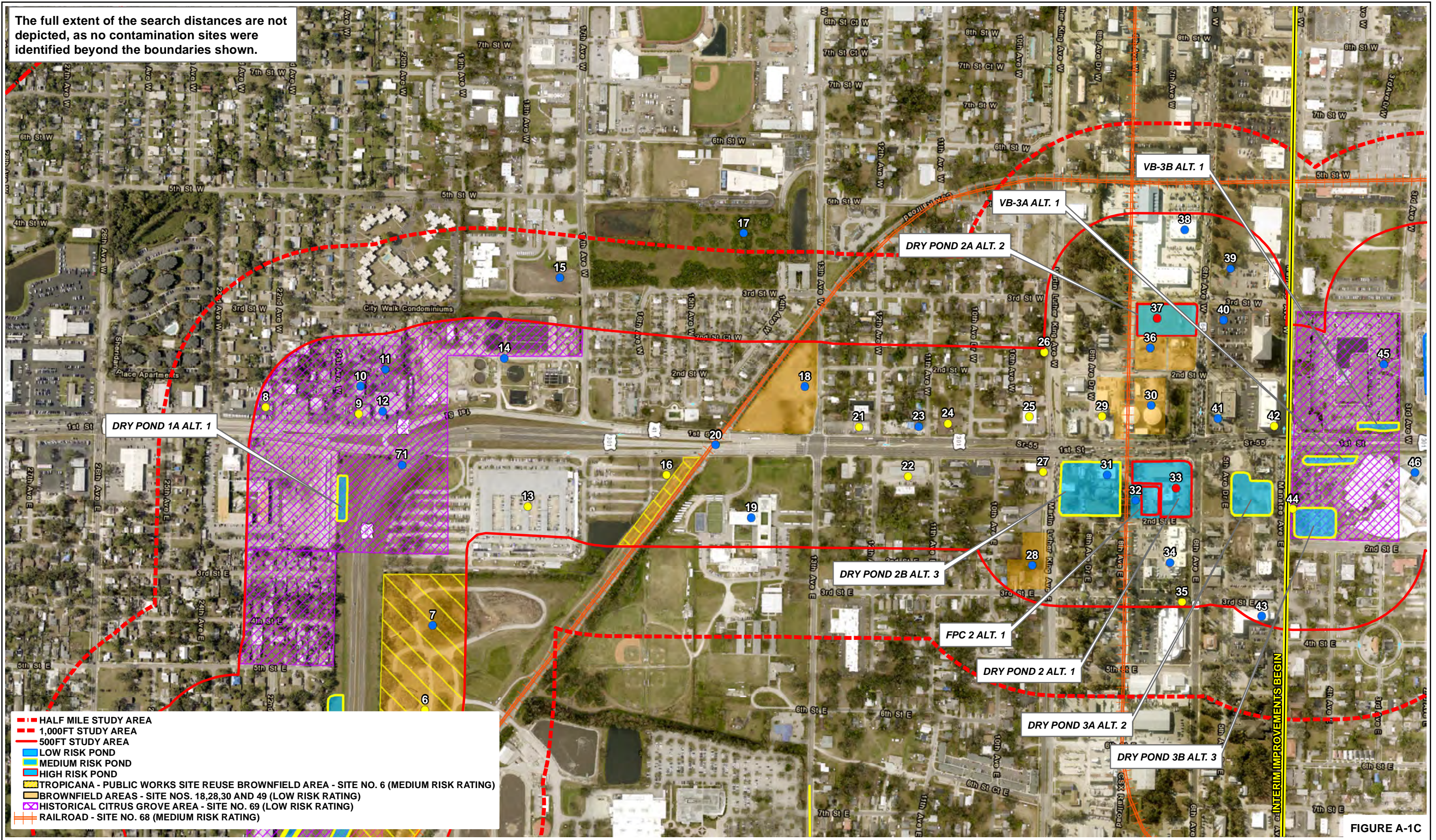
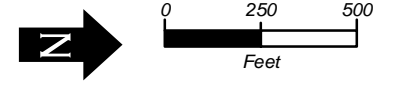


FIGURE A-1C

- HALF MILE STUDY AREA
- 1,000FT STUDY AREA
- 500FT STUDY AREA
- LOW RISK POND
- MEDIUM RISK POND
- HIGH RISK POND
- TROPICANA - PUBLIC WORKS SITE REUSE BROWNFIELD AREA - SITE NO. 6 (MEDIUM RISK RATING)
- BROWNFIELD AREAS - SITE NOS. 18,28,30 AND 49 (LOW RISK RATING)
- HISTORICAL CITRUS GROVE AREA - SITE NO. 69 (LOW RISK RATING)
- RAILROAD - SITE NO. 68 (MEDIUM RISK RATING)



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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POTENTIAL CONTAMINATION AND
 POND SITE LOCATION MAP

SHEET
 NO.

This section of the map has been placed at an enlarged scale to better show the high concentration of ponds within this area.

The full extent of the search distances are not depicted, as no contamination sites were identified beyond the boundaries shown.

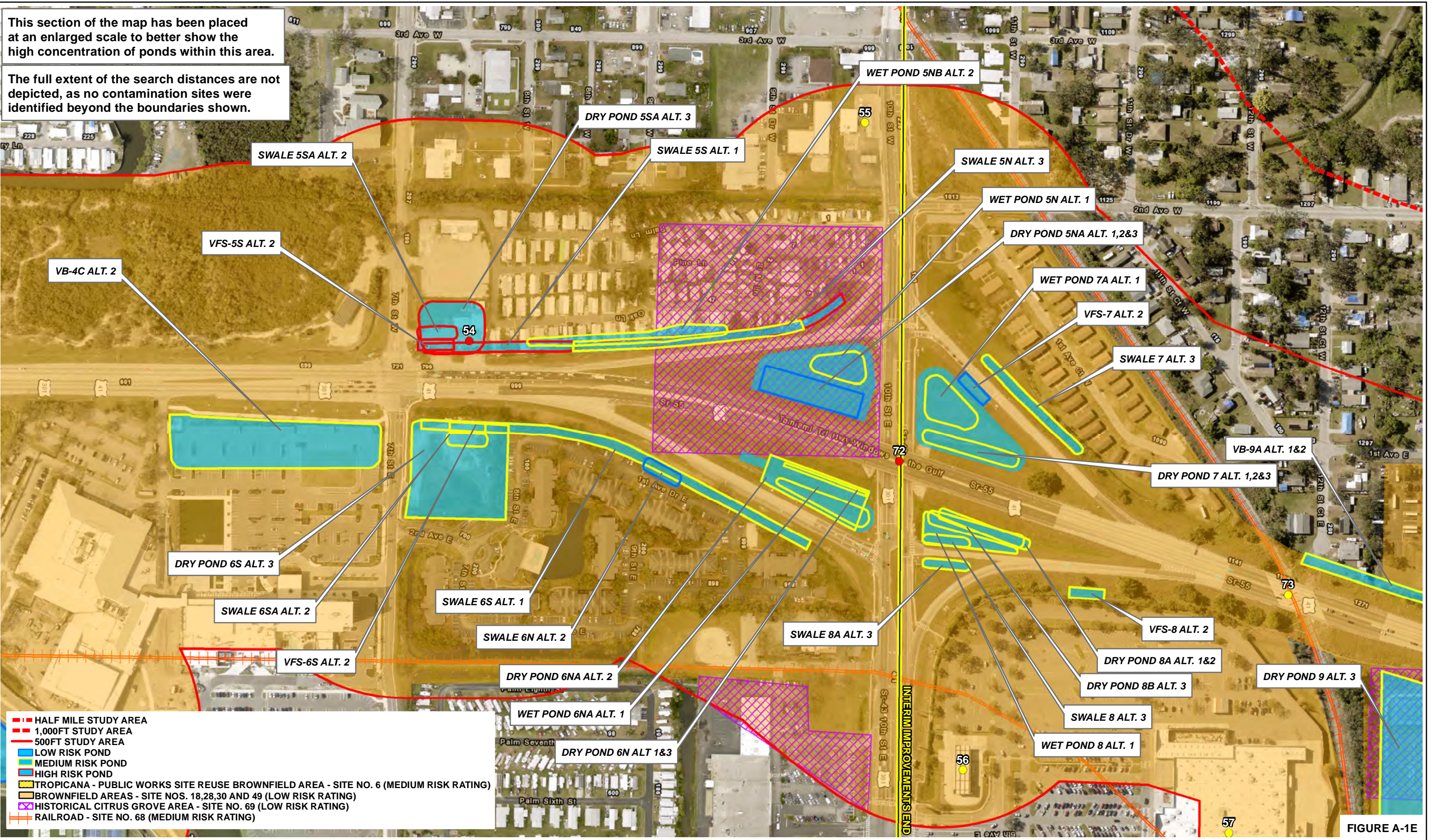
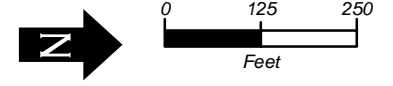


FIGURE A-1E



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41 / US 301	MANATEE	444843-1-22-01

**POTENTIAL CONTAMINATION AND
POND SITE LOCATION MAP**

SHEET
NO.

The full extent of the search distances are not depicted, as no contamination sites were identified beyond the boundaries shown.

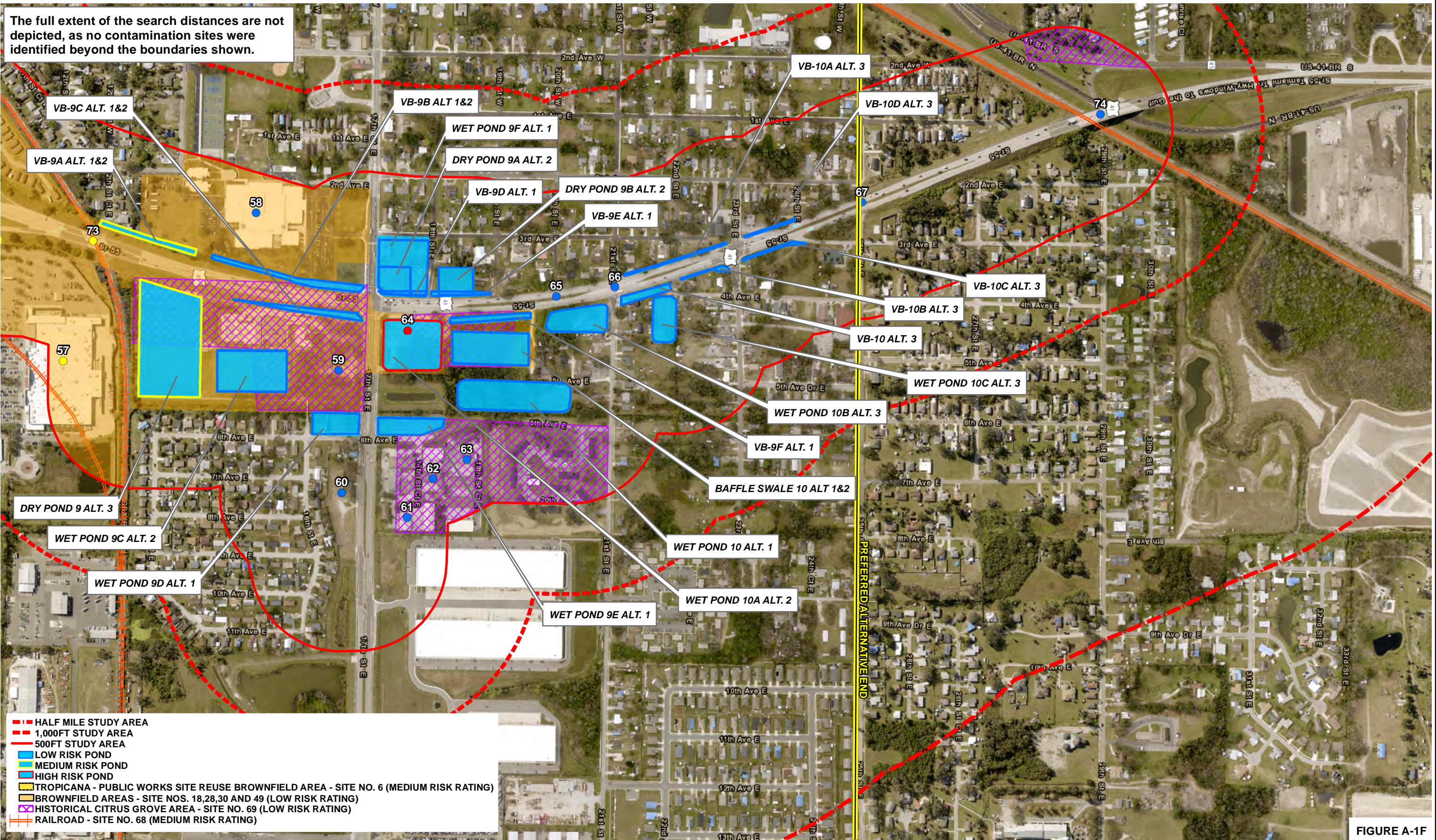


FIGURE A-1F

--- HALF MILE STUDY AREA
--- 1,000FT STUDY AREA
--- 500FT STUDY AREA
 LOW RISK POND
 MEDIUM RISK POND
 HIGH RISK POND
 TROPICANA - PUBLIC WORKS SITE REUSE BROWNFIELD AREA - SITE NO. 6 (MEDIUM RISK RATING)
 BROWNFIELD AREAS - SITE NOS. 18,28,30 AND 49 (LOW RISK RATING)
 HISTORICAL CITRUS GROVE AREA - SITE NO. 69 (LOW RISK RATING)
 RAILROAD - SITE NO. 68 (MEDIUM RISK RATING)

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41 / US 301	MANATEE	444843-1-22-01

POTENTIAL CONTAMINATION AND
POND SITE LOCATION MAP

SHEET
NO.

APPENDIX B

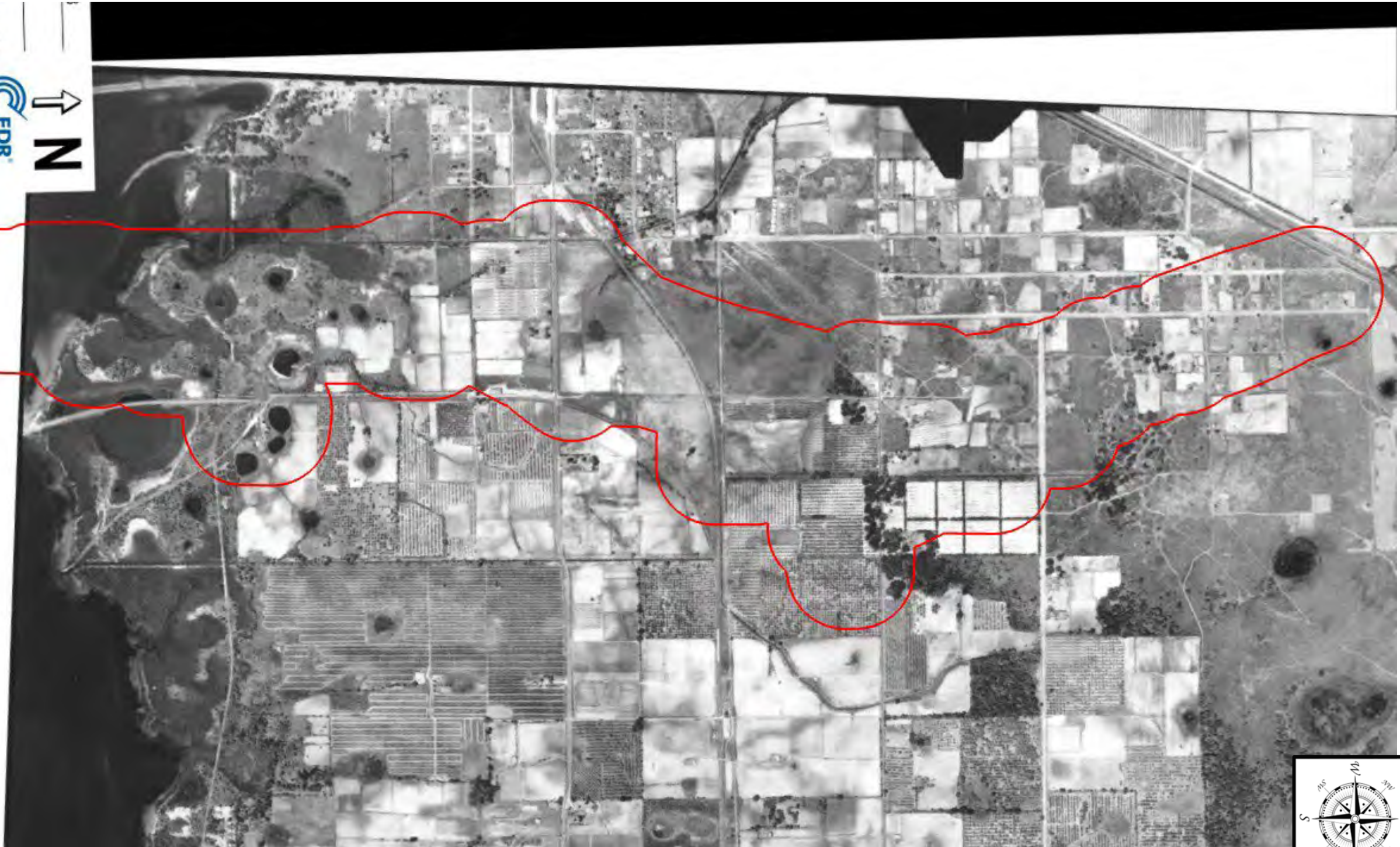
HISTORICAL AERIAL PHOTOGRAPHS



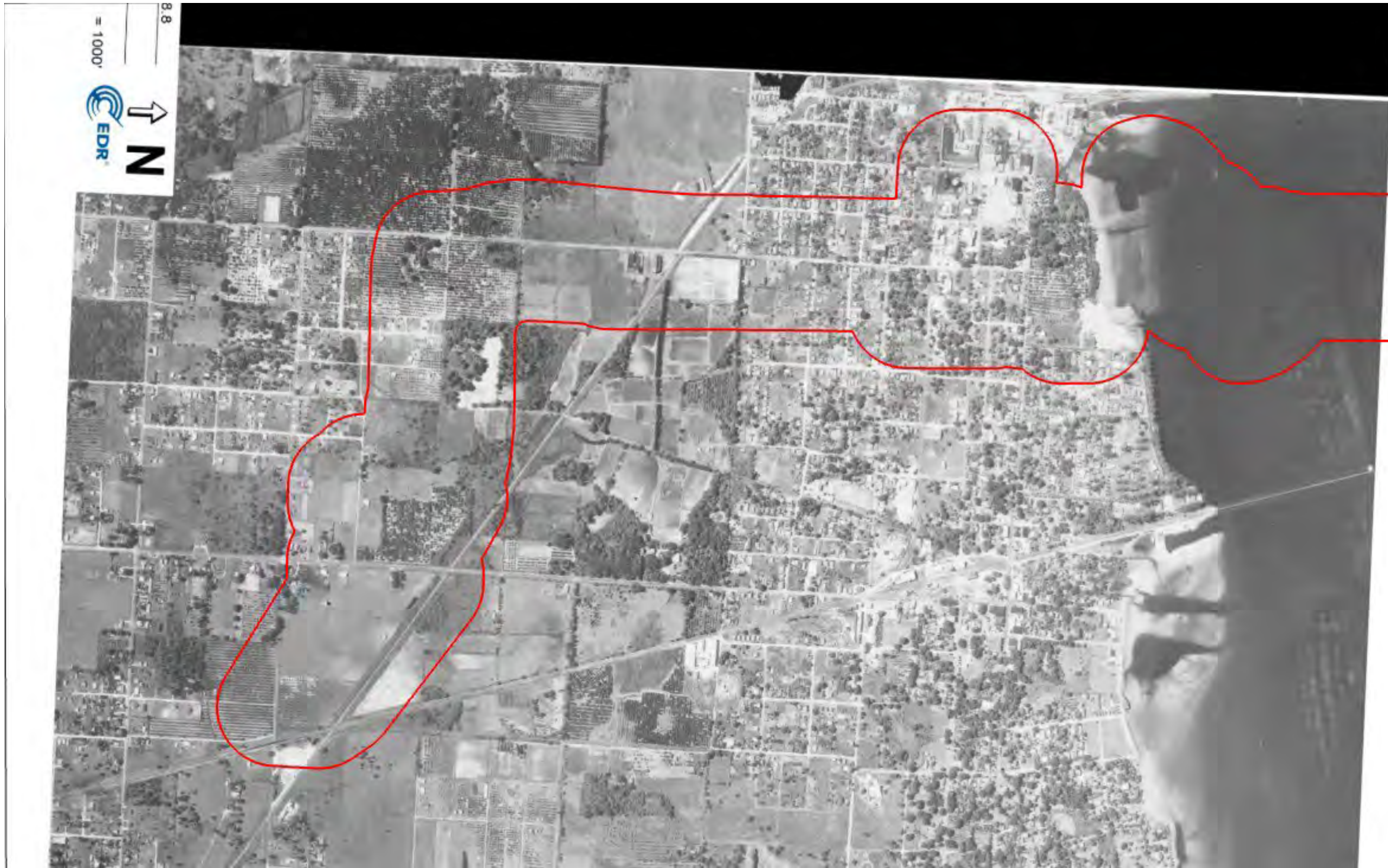
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1940 (1 out of 2)

= 1125'



Not to Scale



Not to Scale

1951 (1 out of 2)

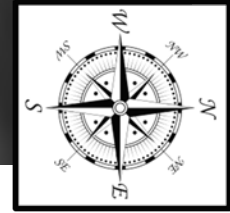
EDR
= 1125'



Not to Scale



488.8
= 1000'
EDR
N



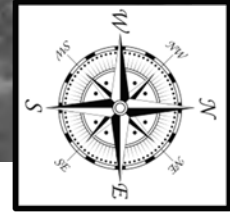
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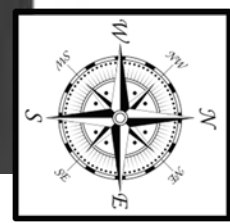
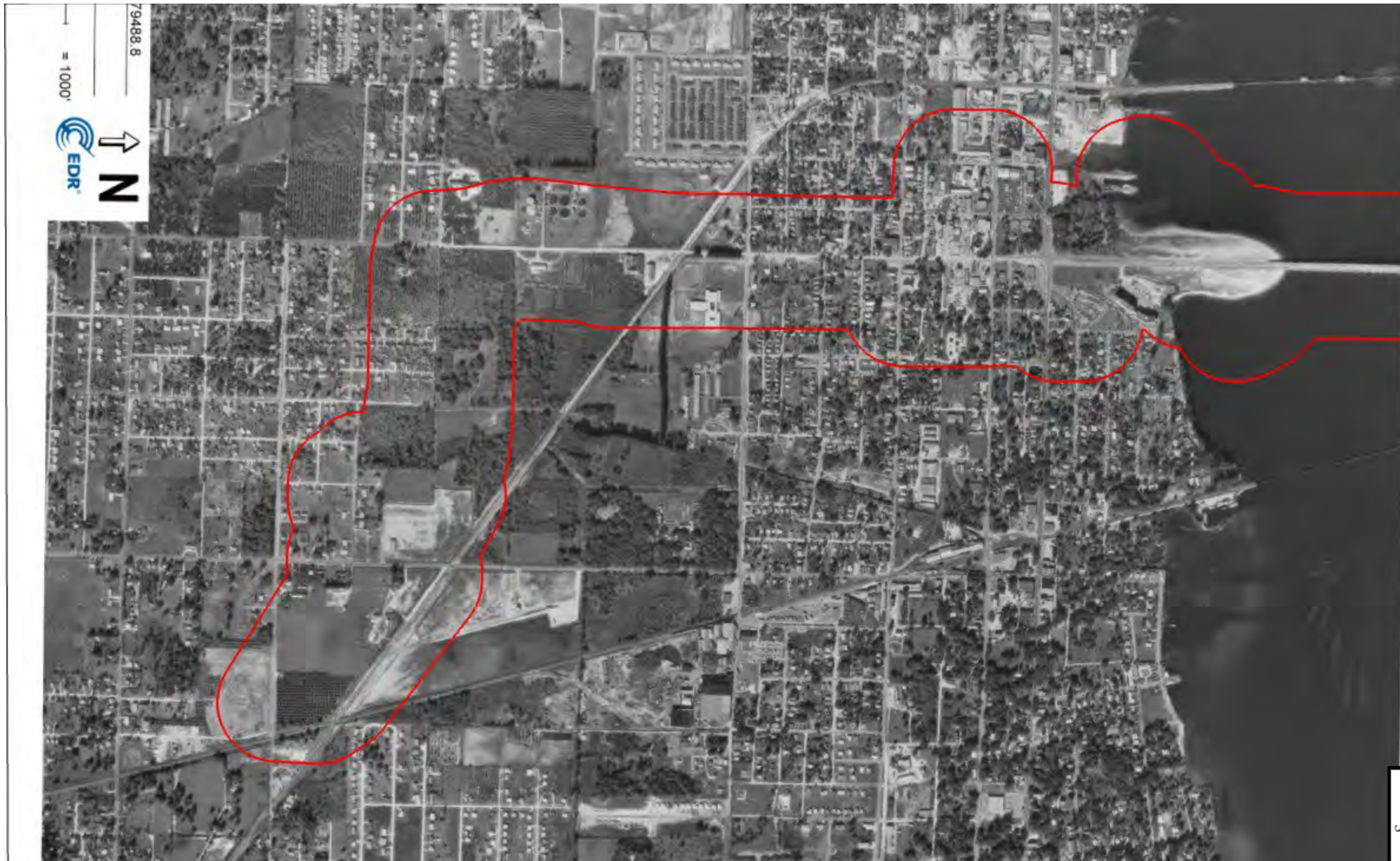
1957 (1 out of 2)



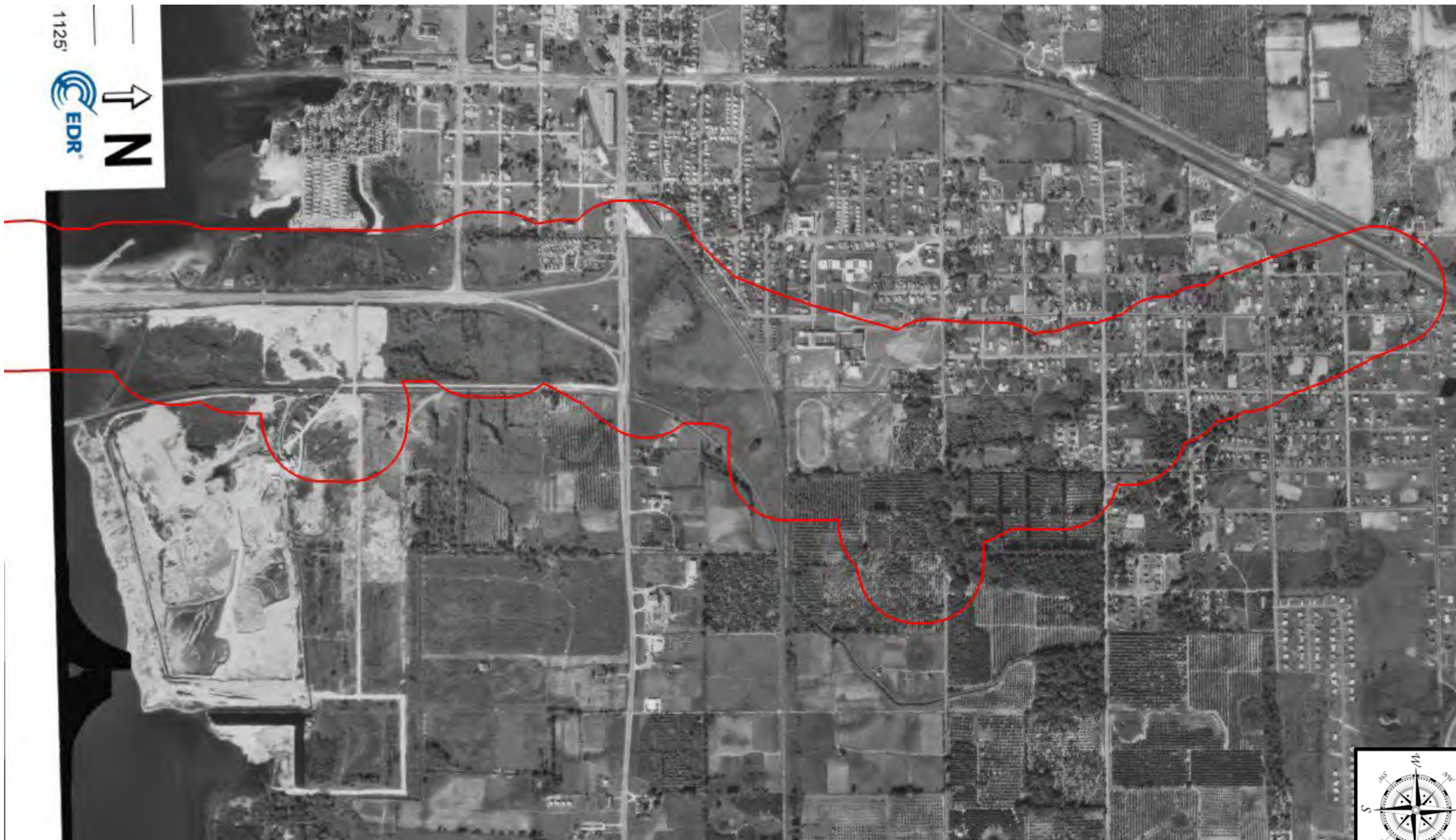
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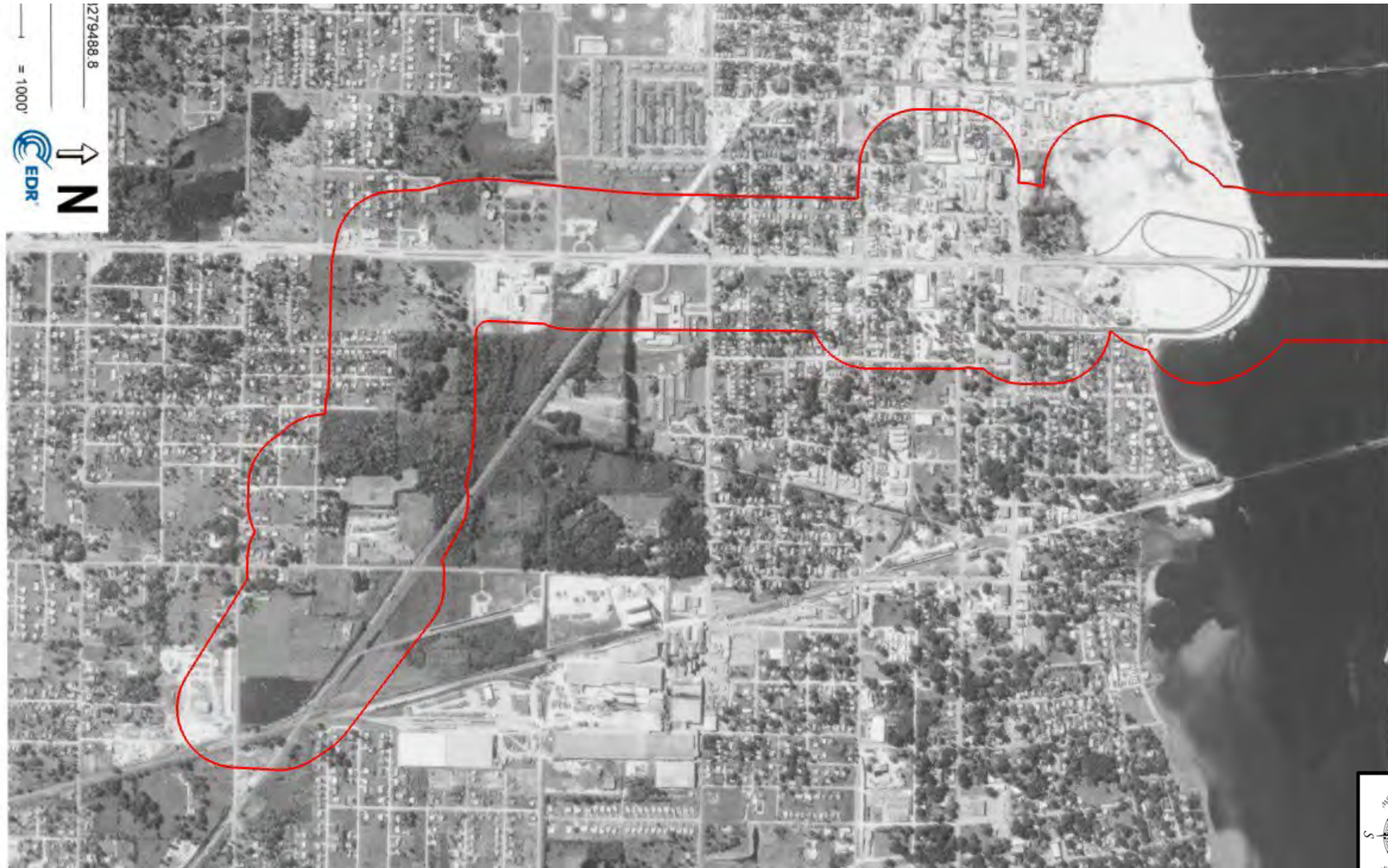




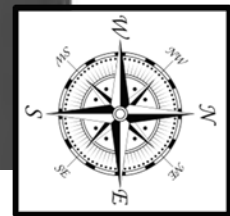
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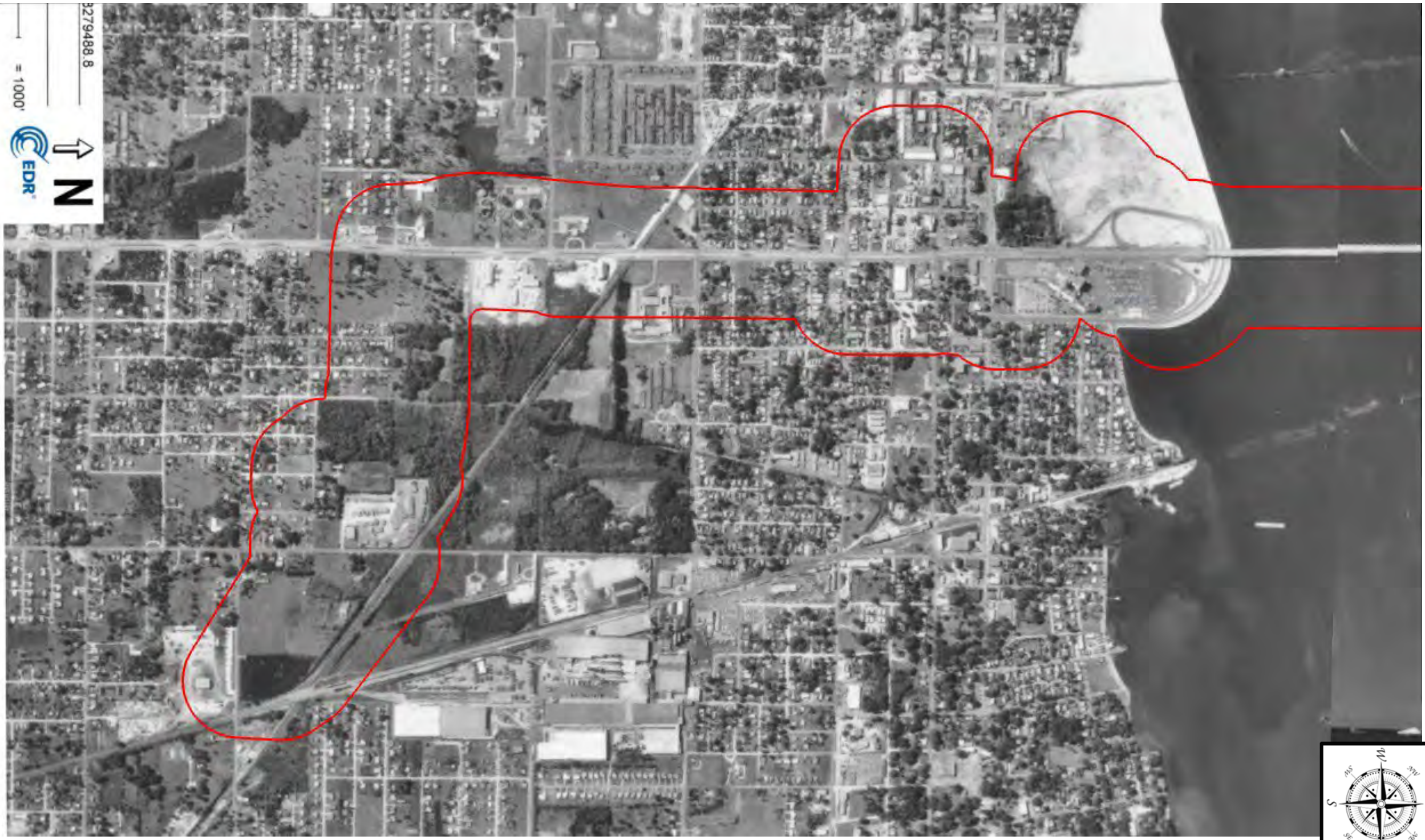
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1969 (1 out of 2)



Not to Scale



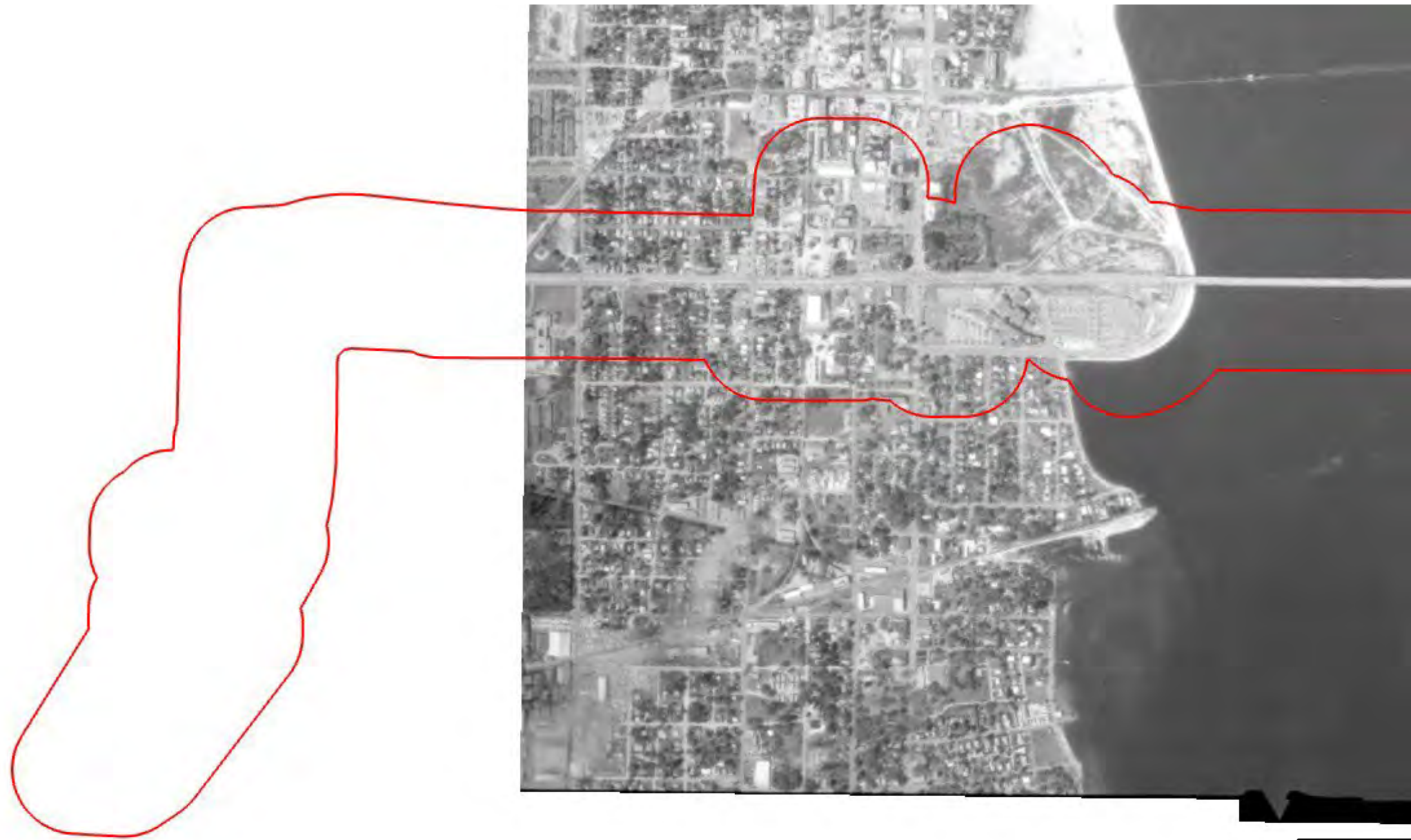
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1970 (1 out of 2)

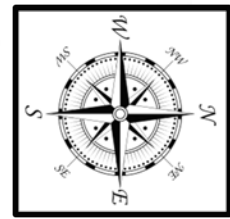


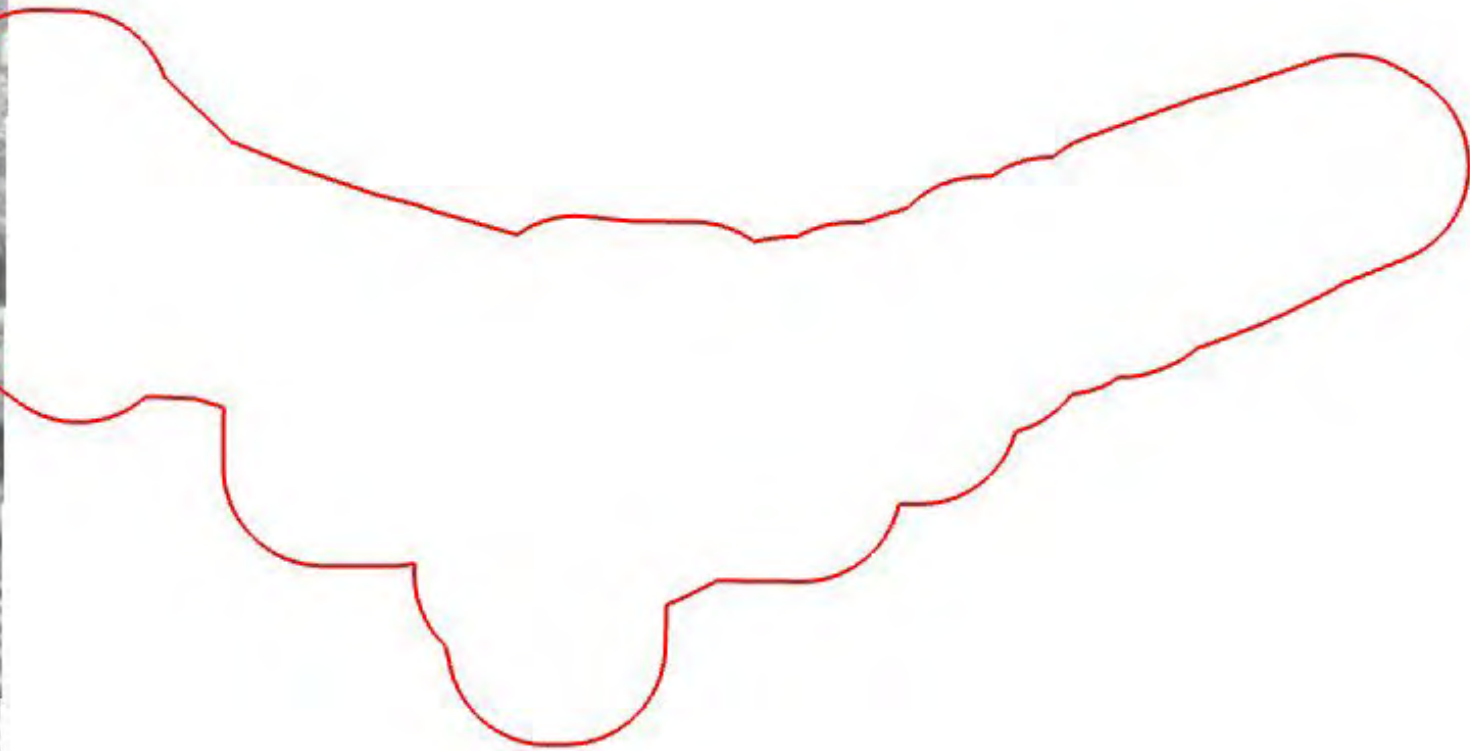
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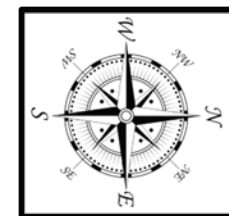


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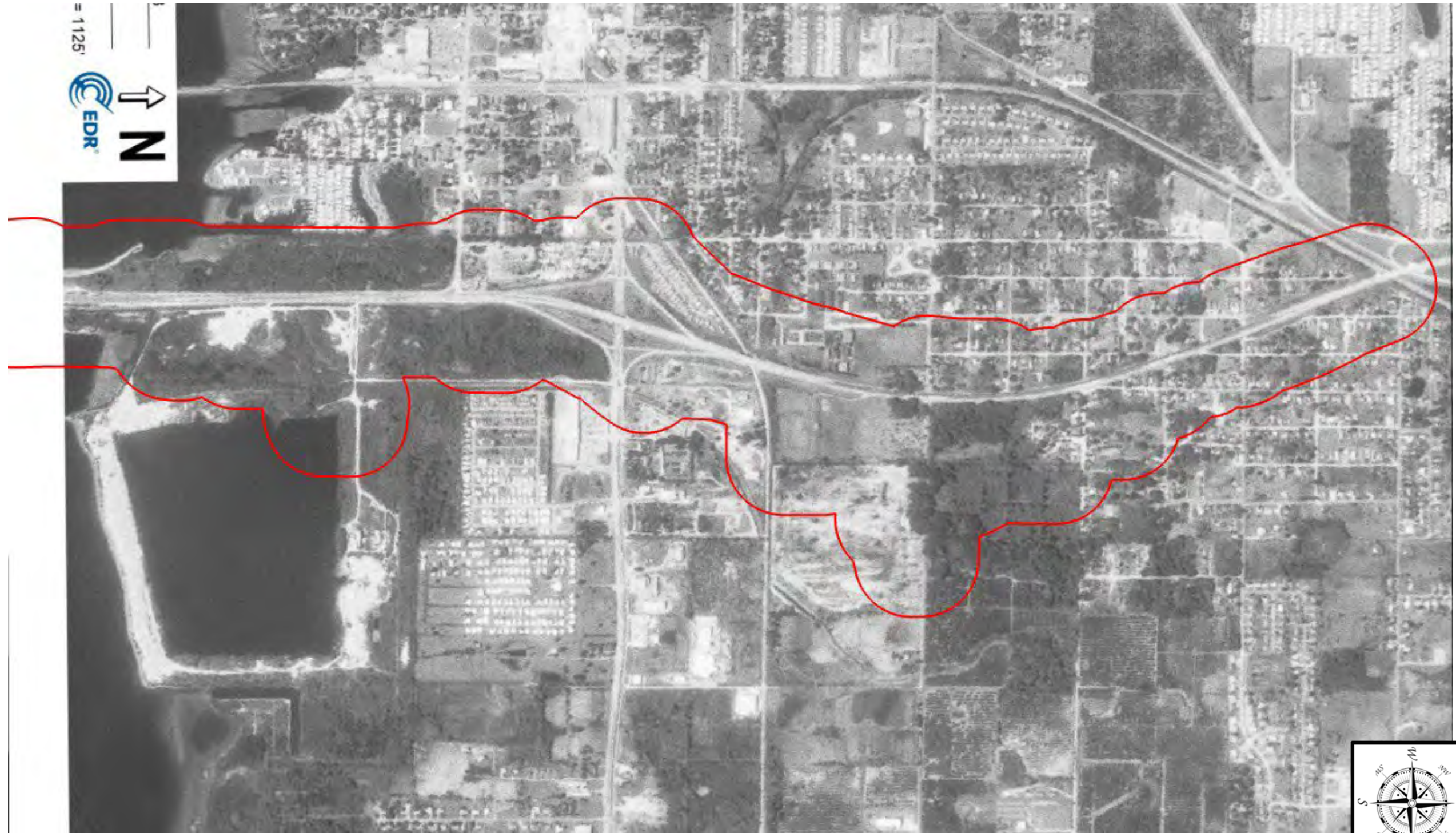




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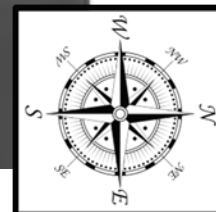
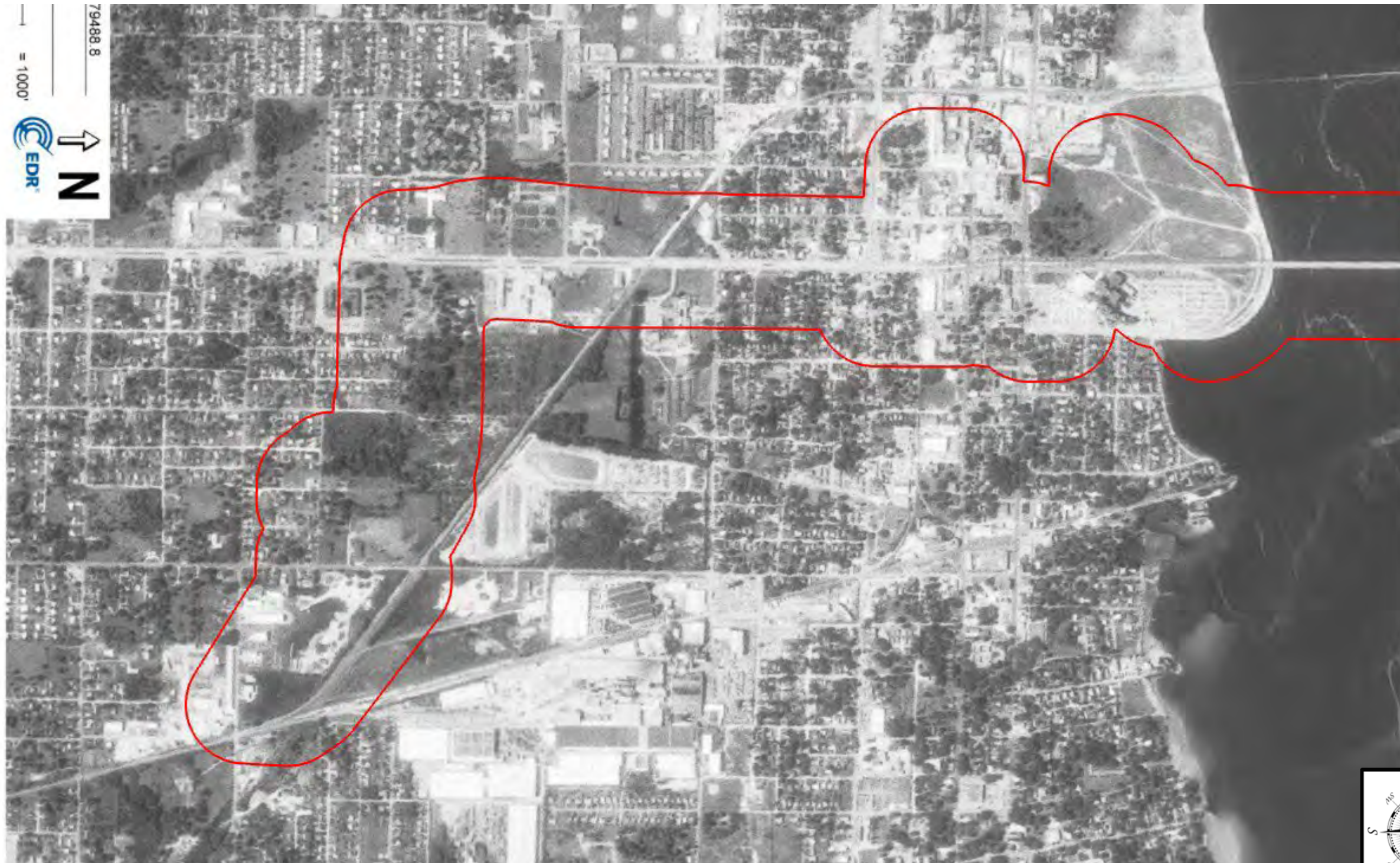


EDR
= 1125'



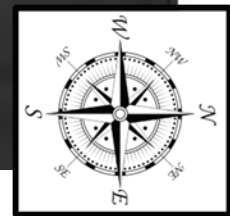
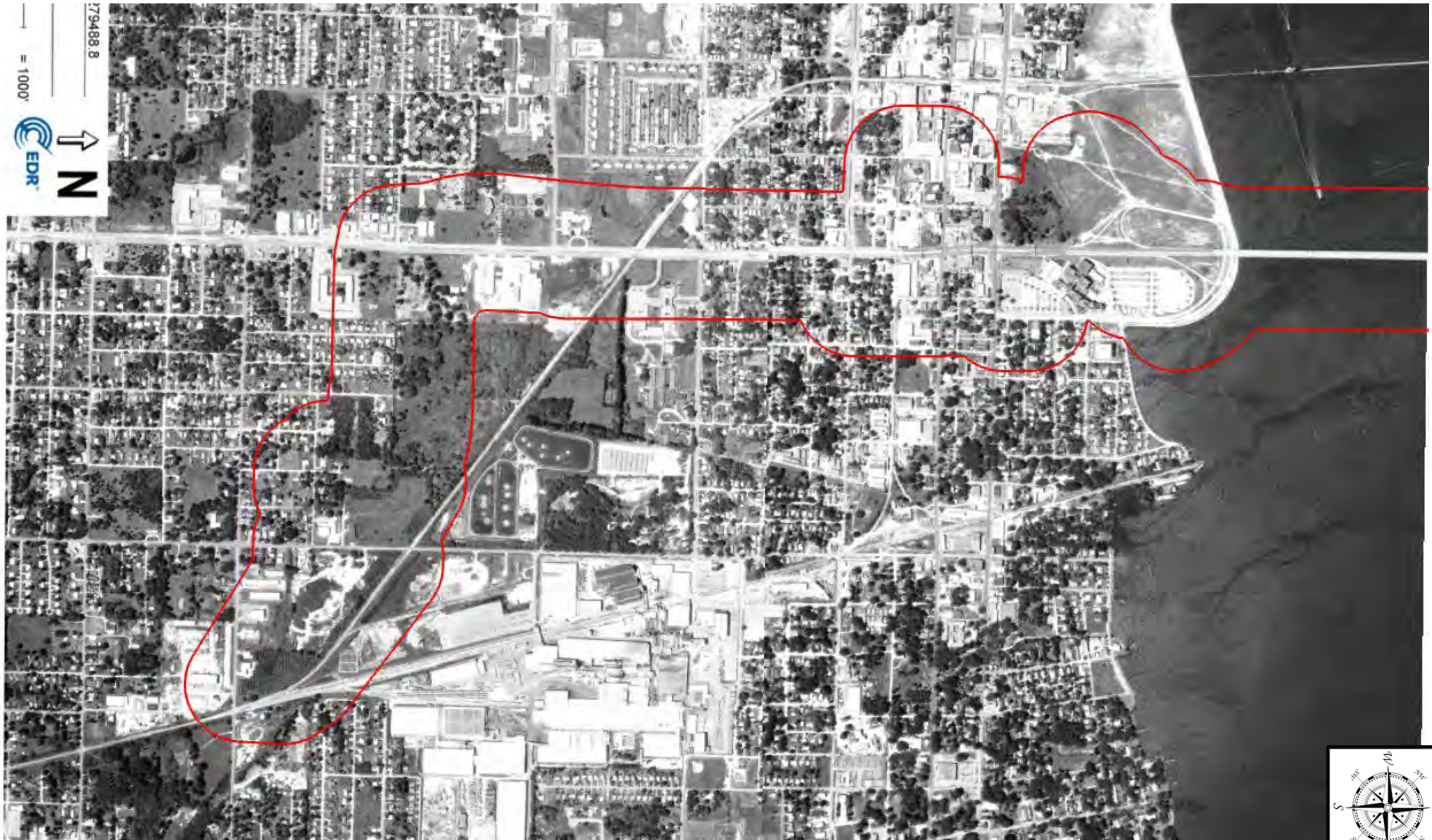
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1976



Not to Scale

1979



Not to Scale

1980 (1 out of 2)



Not to Scale

1980 (2 out of 2)

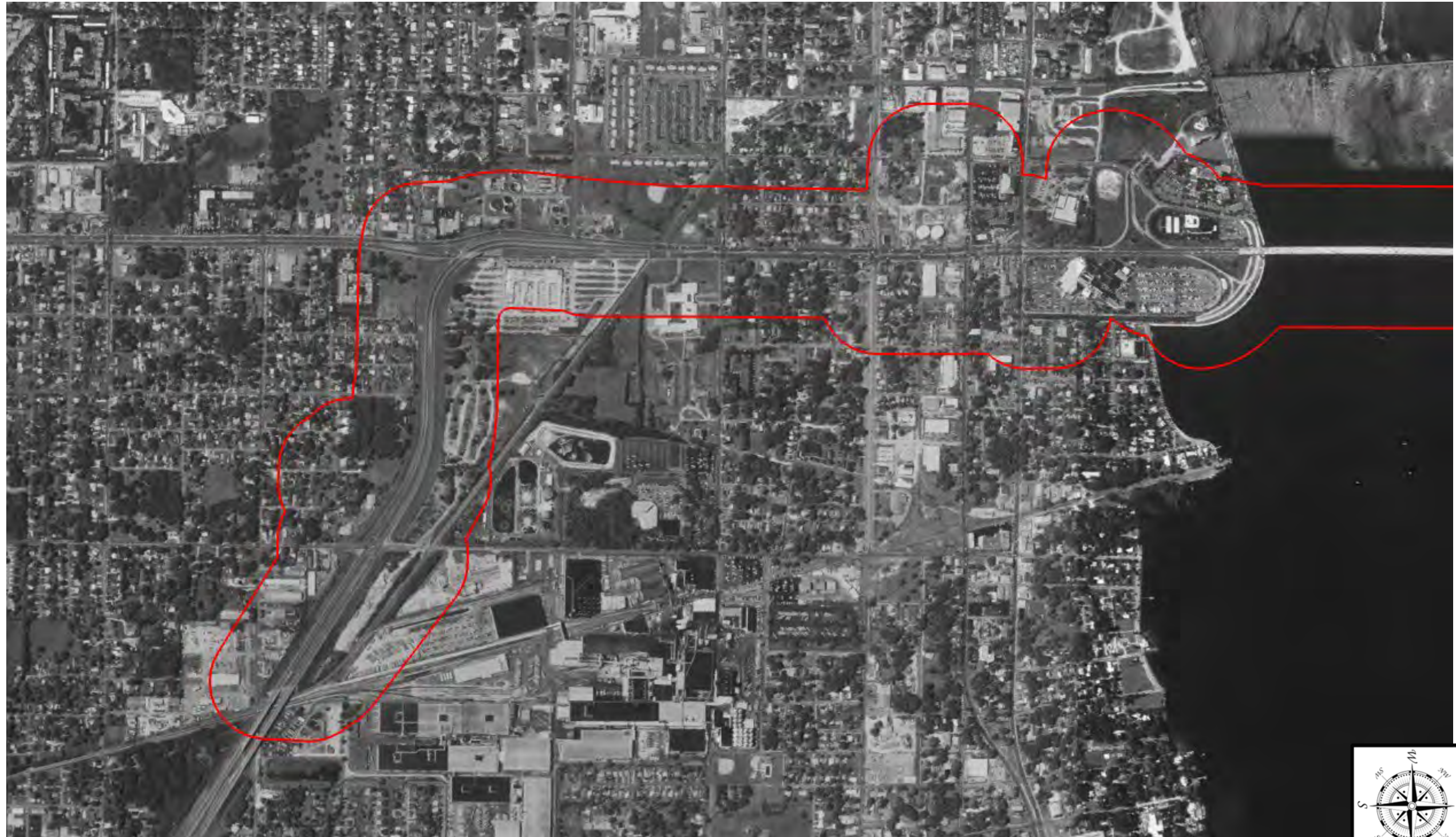


Not to Scale

1991 (1 out of 2)



Not to Scale



Not to Scale

1995 (1 out of 2)



Not to Scale



Not to Scale

1998 (1 out of 2)



Not to Scale

1998 (2 out of 2)



Not to Scale

2007 (1 out of 2)

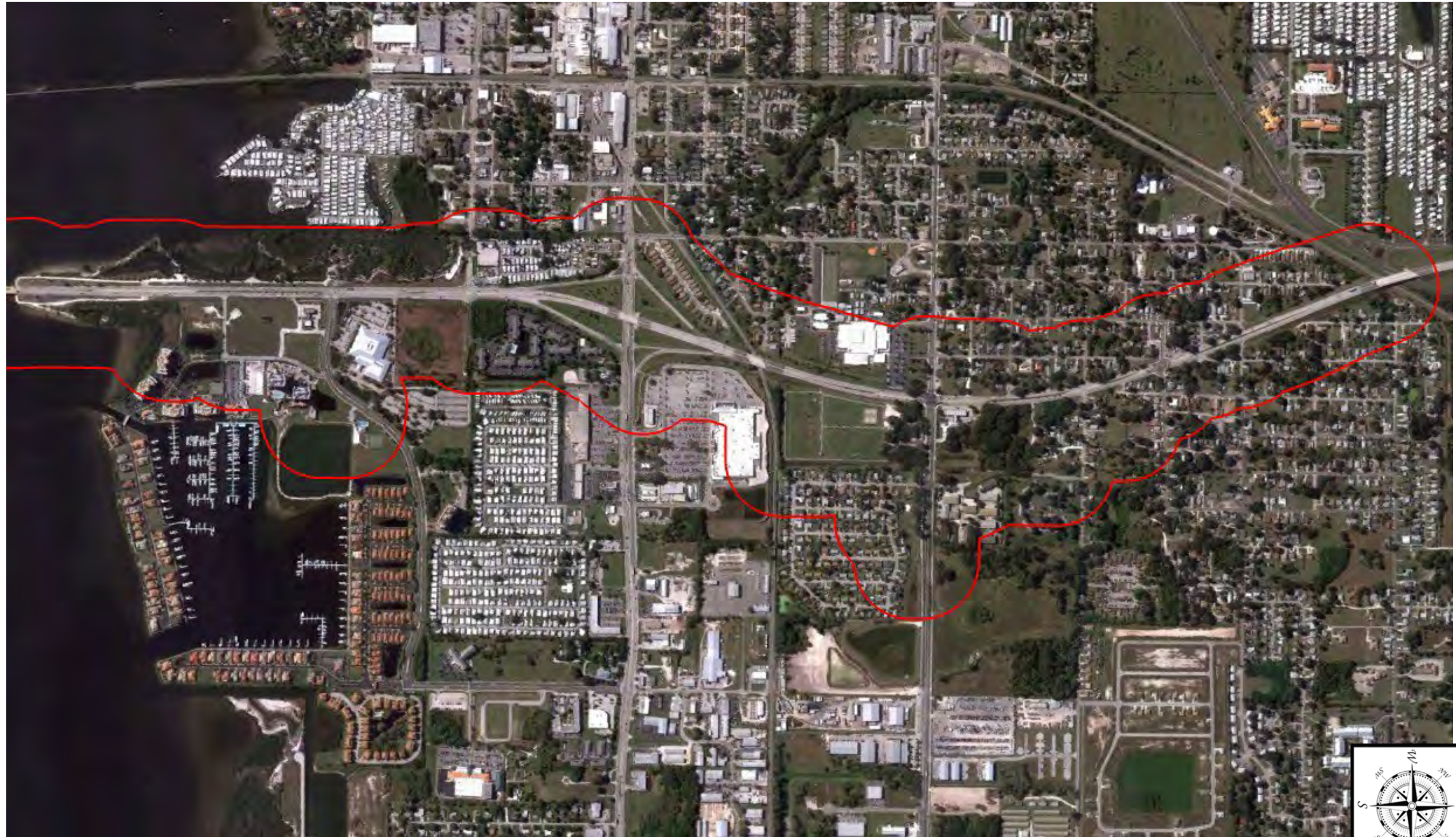


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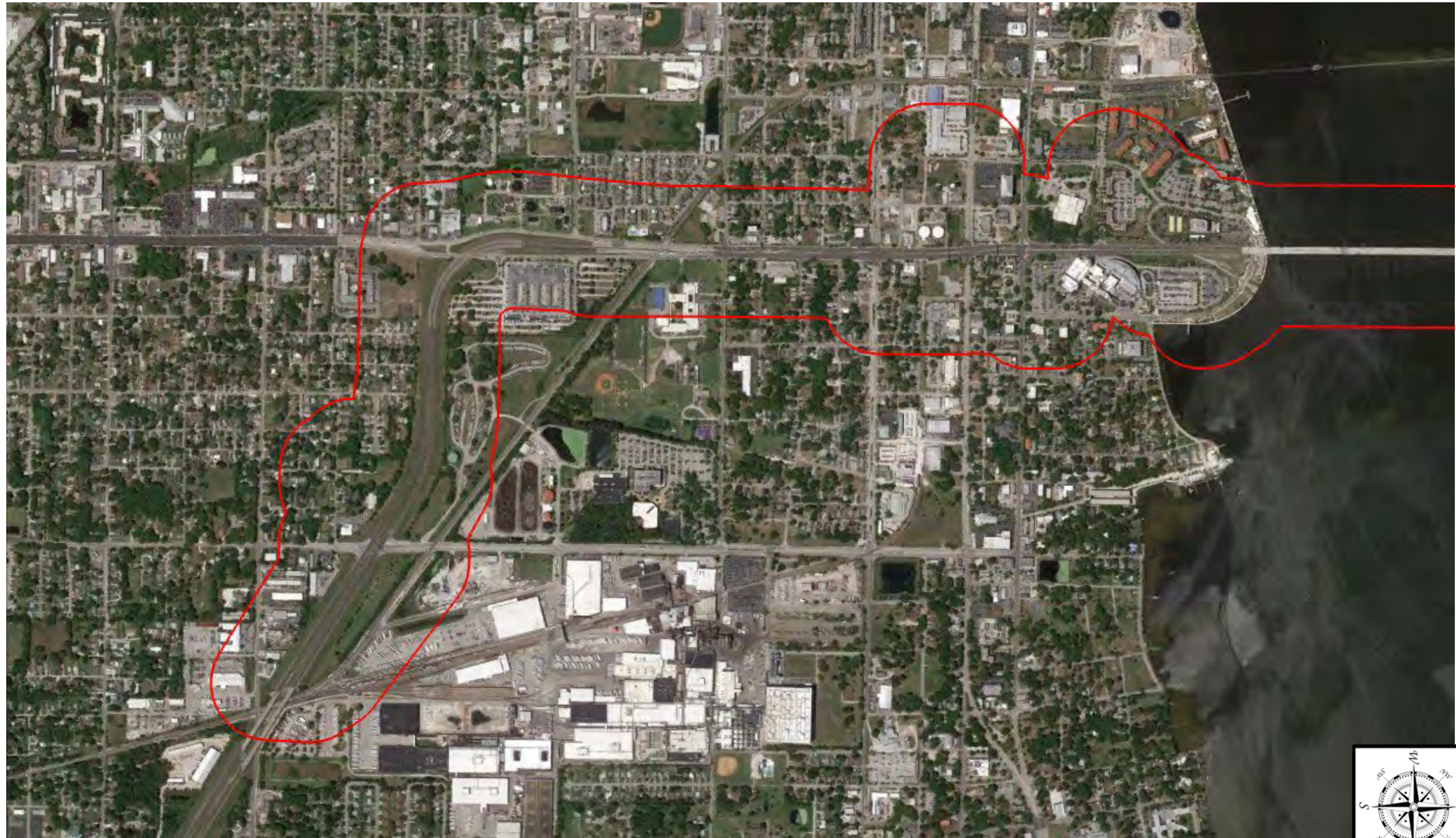


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2010 (1 out of 2)

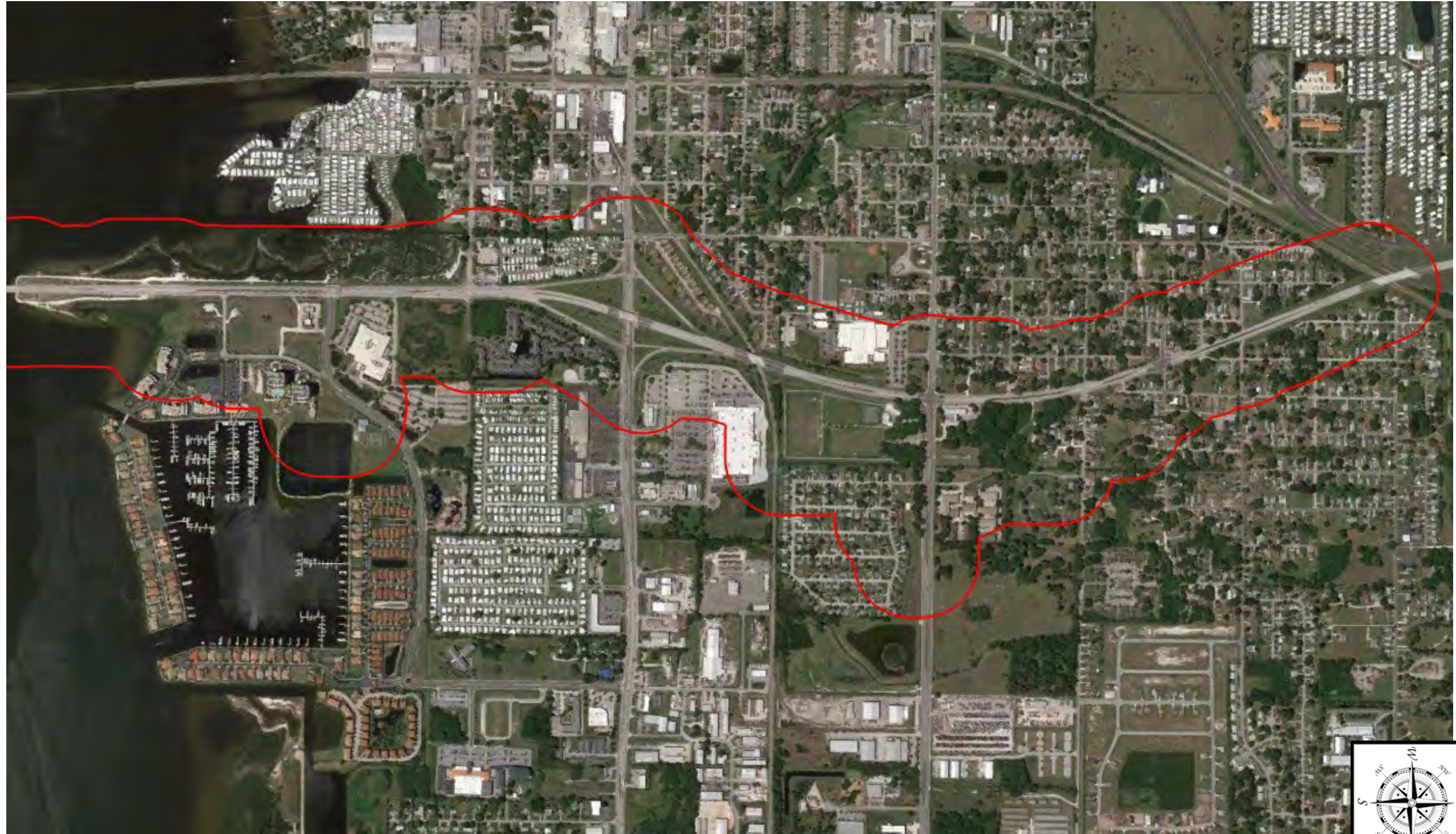


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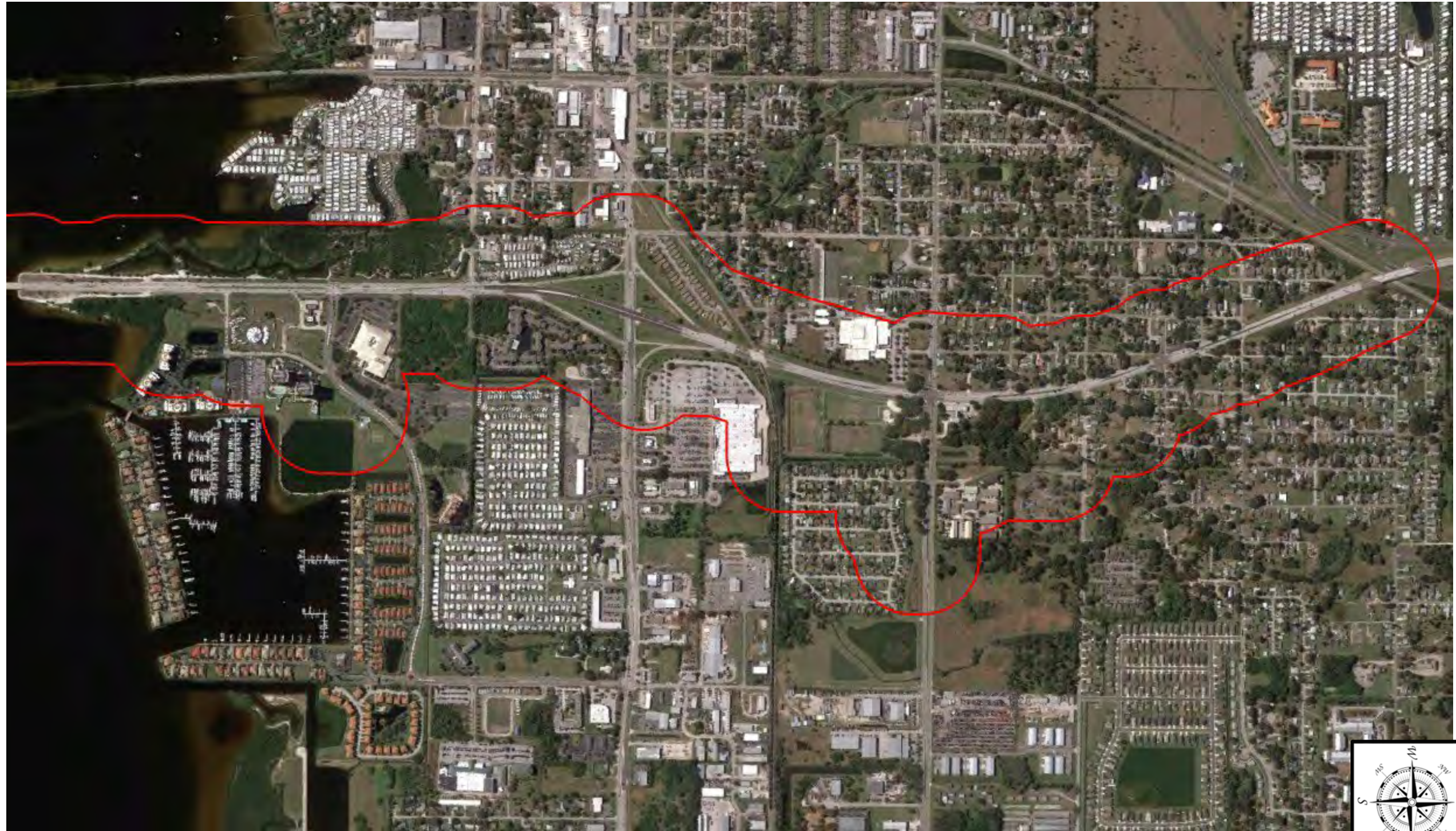
2015 (1 out of 2)



Not to Scale



Not to Scale



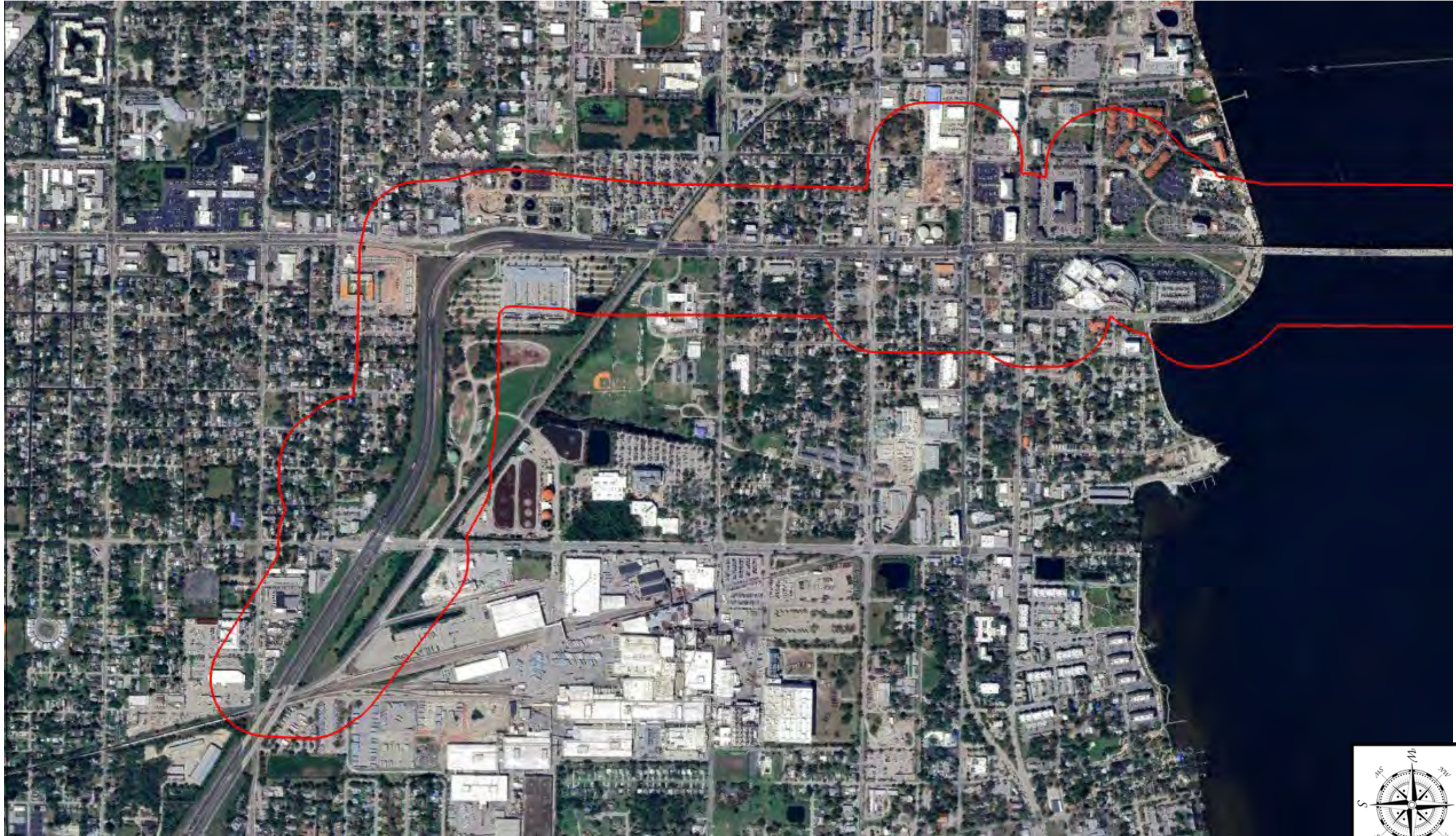
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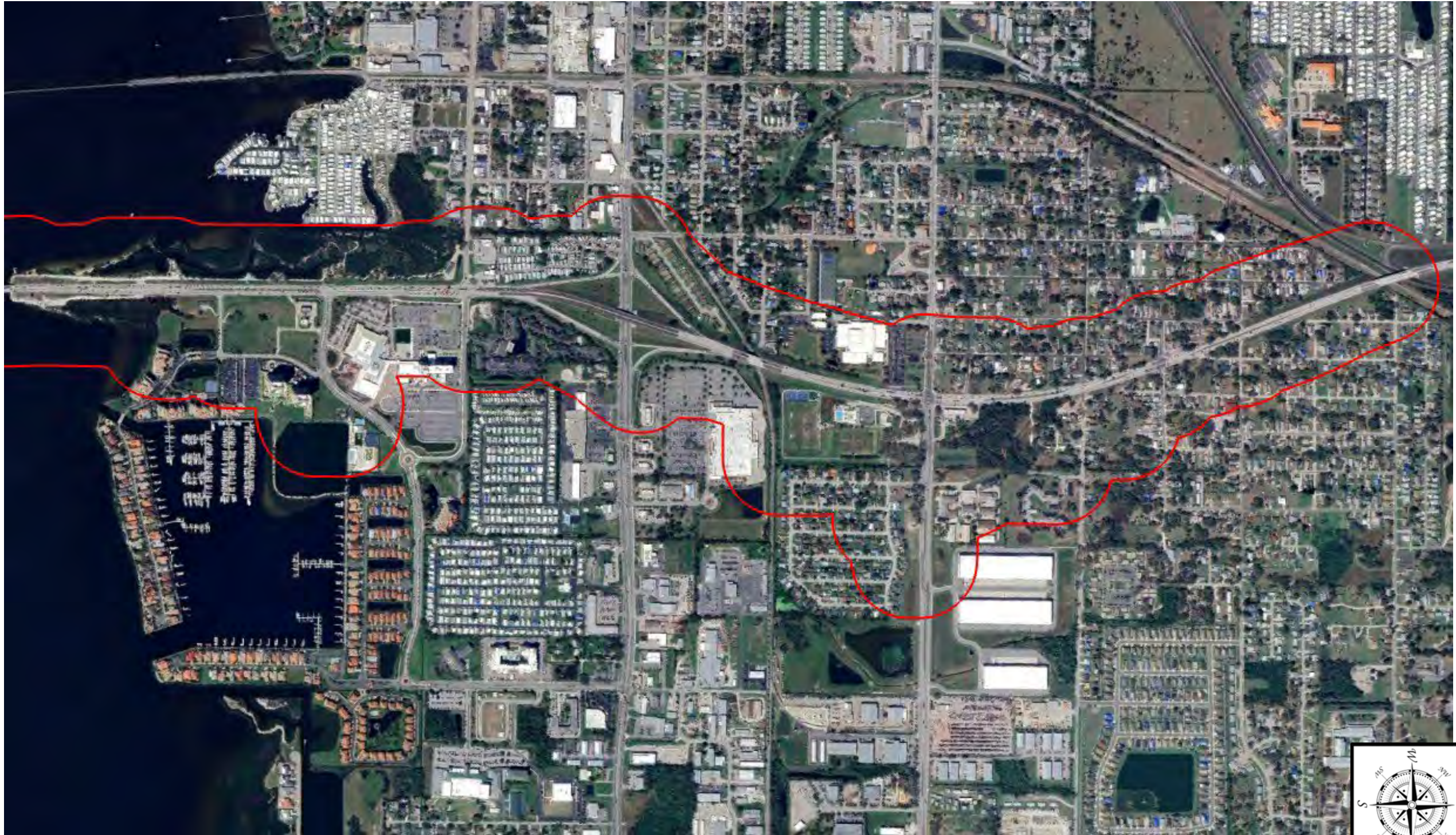
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Not to Scale



Not to Scale



Not to Scale