

CONTAMINATION SCREENING EVALUATION REPORT

TECHNICAL MEMORANDUM

US 41 Project Development and Environment Study

From Kracker Avenue to South of Causeway Boulevard
Hillsborough County
WPI Segment No. 430056-1
ETDM Number: 5180

November 2025

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

The Florida Department of Transportation (FDOT) District Seven is conducting a Project Development and Environment (PD&E) study along US 41 from Kracker Avenue to South of Causeway Boulevard in Hillsborough County. A State Environmental Impact Report (SEIR) was prepared and approved by FDOT on January 12, 2017. The FDOT is pursuing federal eligibility for this project since approval of the SEIR. This will result in updated and additional analyses, as well as the preparation of a Type 2 Categorical Exclusion (CE). A project location map is shown in **Figure 1**. The objective of the PD&E study is to assist the FDOT's Office of Environmental Management in reaching a decision on the type, location, and conceptual design of the proposed improvements for the widening of US 41 Drive, including Stormwater Management Facility (SMF) and Floodplain Compensation (FPC) sites. This PD&E study documents the need for these improvements, as well as the procedures utilized to develop and evaluate various improvements, including elements such as proposed typical sections, preliminary horizontal alignments, intersection enhancements, and environmental constraints.

The PD&E study satisfies all applicable requirements, including the National Environmental Policy Act (NEPA), to qualify for federal-aid funding of subsequent development phases (design, right of way acquisition, and construction). This project was screened through the FDOT's Efficient Transportation Decision Making (ETDM) process as ETDM Project No. 5180. The ETDM Final Programming Screen Summary Report was published on April 10, 2013, containing comments from the Environmental Technical Advisory Team (ETAT) on the project's effects on various natural, physical, and social resources.

This *Contamination Screening Evaluation Report (CSER) Technical Memorandum* has been prepared to update the existing 2017 Draft CSER, which served to document the location and risk of any contamination site(s) within a half mile of the project corridor to evaluate the extent necessary for potential contamination

sources. This CSER Technical Memorandum provides an update to existing contamination sites that have changed risk status, have been removed, or any new sites to be considered.

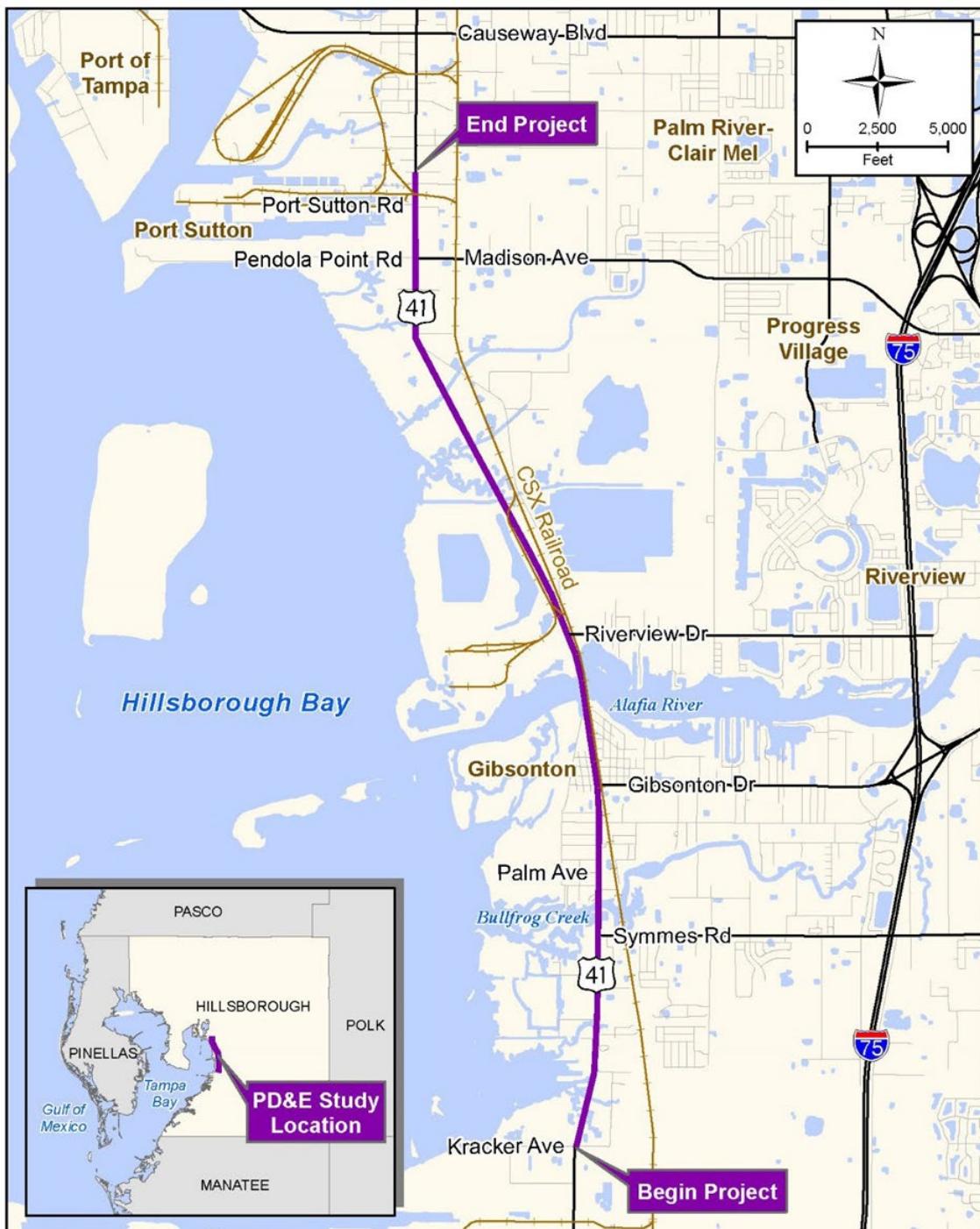


Figure 1 - Project Location

Section 1 Introduction

The Technical Memorandum includes sites identified in 2017 (sites 1 to 48 in **Table 4**) and new sites as of 2024 (sites 49 to 79, in **Table 4**). The information as reported in 2017 is included in **Table 4**, along with all Sites of Contamination Concern as of 2024. The column “Revised Risk Rating” records those 2017 sites (1-48) for which the rating was changed in 2024. The column titled “Site History, Regulatory Status and Comments” records the basis of ranking in 2017, and the part identified by “Basis of Change in Ranking” in this column provides an explanation for any change in ranking. For new sites (49-79), there is no 2017 discussion.

Sites identified as contaminated or potentially contaminated were further evaluated to determine the extent of, or potential risk of, contamination. The assignment of a risk rating is based on the current and past existence of contamination and the potential of the contamination to be encountered during proposed roadway expansion activities. The rating system developed by the FDOT as part of the PD&E study process expresses the likelihood that contamination exists and the potential impact on roadway construction. The contamination rating system is divided into four degrees of risk including: No, Low, Medium, and High potential for risk. The risk ratings are defined by the FDOT PD&E Manual as follows:

No Risk

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

Low Risk

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 current design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impact to the project.

Medium Risk

After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact to the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination impact, and there is reasonable suspicion that contamination may exist, the property should be rated at least as a Medium. Properties used historically as gasoline stations and which have not been evaluated or assessed by regulatory agencies, sites with abandoned underground petroleum storage tanks, or currently operating gasoline stations should receive this rating.

High Risk

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

A recommendation for each site with a rating of Medium or High should include a listing of the analytical parameters of concern and media (e.g., soil, groundwater), a discussion of potential involvement with ROW acquisition and/or construction and if the site is anticipated to warrant additional (Level II or III) assessment.

Section 2 Data Sources

The Lightbox Environmental Database Report (EDR) report identified 324 potentially contaminated facilities in proximity to the study area. Several sites identified in the EDR report are NPDES permit sites and are not discussed in the report. Of the 324 sites identified in 2024, 31 new contamination sites are located within the appropriate search buffer distances (500 ft, 1,000 ft, and 0.50 mile) adjacent to the study area and were identified to have potential sources of contamination, in addition to sites from the 2017 CSER. The 31 new sites occur within contamination screening buffers as per PD&E Manual. Each of these 31 locations were searched for in FDEP's OCULUS and Nexus Information Portal databases, two electronic document management systems containing documents from the Storage Tanks, Hazardous Waste, Solid Waste, and Waste Cleanup Program Areas. These sites represent a comprehensive list as determined from a combination of data sources. The rating of each site is based on the location of the Recommended Build Alternative. See **Appendix A** for maps displaying potential contamination site locations relative to the project area. A summary of the rankings of the sites reported in the 2017 CSER are presented in **Table 1**.

Table 1 – Ratings Type Counts for 2017 Sites

Risk Rating	Number of Sites
No	6
Low	23
Medium	9
High	10
Total	48

Three sites had their risk ratings change from 2017 to 2024. One site was reduced from High to Medium as records show cleanup was initiated and reported to the state. One site was raised from Low to Medium because the site had gasoline storage, as they are gas stations.

Several 2017 contamination site conditions have changed ownership and operations. Several sites have had their 2017 changed based up on site clean-ups, change in operations, and similar. A summary of the changes from 2017 to 2024 changes of Low to No, Low to Medium, High to No, High to Medium are presented in **Table 2**. A summary of the ratings for the new 2024 potential contamination sites is presented in **Table 3**.

Table 2 - Changed Site Ratings 2017 to 2024

Risk Rating	Number of Sites
Low to No	3
Low to Medium	3
High to No	3
High to Medium	1
Total	10

Table 3 – Count of Ratings for Only the New 2024 Sites

Risk Rating	Number of Sites
No	22
Low	4
Medium	1
High	4
Total	31

Table 4 – Ratings and Changes for All Contamination Sites as of 2024

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
1	Tampa Livestock Distribution Dump Brownfields Area, Parcel B (Formerly: SSC Tampa Kracker Road LLC, Tampa Livestock Distribution Dump Brownfields Area, Parcel B)	12602 & 12638 US 41, Gibsonton, FL 33534SE of Kracker Avenue and US 41	1901	Petroleum Products & Undesirable Fill Material	9102189, Site BF290802002, Area BF290802000	UST, LUST, Brownfields	Low	Low	During site reconnaissance this site was observed to be wooded land. This property was historically utilized as a fish farm operated by Hartz Mountain. When the facility closed the ponds were filled with undesirable materials such as aquariums and Styrofoam. The Hillsborough County EPC identified the site as a landfill in 1987. The area was capped and granted a status of NFA in 1992. In addition, a discharge on the associated south adjoining parcel was reported in 1990. However, cleanup of this discharge was not required. This Brownfield Site, known as Parcel B is approximately 9.6 acres in size and is a portion of a larger Brownfield Area. The associated east adjoining parcel is an Open Waste Cleanup Site. A Final Executed Brownfield Site Rehabilitation Agreement (BSRA) dated September 2, 2008, identifies the area as Planned Development District zoning for proposed future manufacturing & commercial uses. Change in Circumstance(s): Based on the current regulatory status and position in relation to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
2	Circle K #7032	12130 US 41, Gibsonton, FL 33534NE corner of US 41 & Ohio Street	46	Petroleum Products & Hazardous Waste	8840259, FLD984251371, Site #33547	UST, LUST, RCRA-CES	Medium	Medium	During site reconnaissance this site was observed to be an operational retail fuel facility. Two reported discharges are dated August 1988 and May 2004. The facility was eligible for the EDI (Early Detection Incentive) program in 1993. Change in Circumstance(s): Regulatory records indicate: Cleanup Completed (All related discharge cleanup activities are completed. At least one discharge required a cleanup activity.) The discharges were granted NFA (No Further Action) status on June 7, 2005. Based on the documented historical discharge and the proximity to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.
3	Advanced Auto Air (Formerly: Andy's Fiberglass Boat Repair)	12001 US 41, Gibsonton, FL 33534	55	Hazardous Waste	NA	NA	No	No	During site reconnaissance this facility was observed to be a vacant commercial building. Review of historical aerial photographs indicates prior use as a motorboat service facility. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its position in relation to the ROW, this facility is given a risk ranking of "No" for potential contamination impact to the project corridor. Change in Circumstance(s): There is a new business operation. New ownership has no contamination issue reported.
4	L&M Alternative Auto Sales (Formerly: Alpha Auto Sales)	11901 US 41, Gibsonton, FL 33534SW corner of US 41 & Mabrey Avenue	24	Petroleum Products & Hazardous Waste	NA	NA	No	No	During site reconnaissance this facility was observed to be an operational automobile sales facility. Mechanical service or repair areas were not observed. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its position in relation to the ROW, this facility is given a risk ranking of "No" for potential contamination impact to the project corridor.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
5	Leola Construction (Formerly: Don's Boating)	11849 US 41, Gibsonton, FL 33534SW corner of US 41 & Antonio Street	139	Petroleum Products & Hazardous Waste	NA	NA	Low	Low	During site reconnaissance this facility was observed to be an operational motorboat service and repair facility. Typically, this type of facility would have mechanical service and storage areas associated with petroleum products, oils and grease and automotive fluids (such as transmission, power steering, radiator coolants and cleaning solvents), painting and primer products. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
6	DriRite	11841 US 41, Gibsonton, FL 33534NW corner of US 41 & Antonio Street	144	Hazardous Waste	NA	NA	No	No	During site reconnaissance this site was observed to be an operational furniture restoration and cleaning facility. Typically, this type of facility would use and store cleaning solvents, oil, grease, painting, and primer products. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "No" for potential contamination to impact the project corridor.
7	The Beauty Doctors (Formerly: Walden Used Cars)	11838 US 41, Gibsonton, FL 33534SE of US 41 & Florence Street	105	Petroleum Products & Hazardous Waste	NA	NA	No	No	During site reconnaissance this facility was observed to be an operational automobile sales facility. Mechanical service or repair areas were not observed. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its position in relation to the ROW, this facility is given a risk ranking of "No" for potential contamination impact to the project corridor. <u>Change in Circumstance(s):</u> This facility has closed, and the site is now operating as a Doctor's office.
8	Five Star Auto Repair (Formerly: Megdill Automotive)	11835 US 41, Gibsonton, FL 33534SW corner of US 41 & Florence Street	52	Petroleum Products & Hazardous Waste	NA	NA	No	No	During site reconnaissance this facility was observed to be an operational automobile service facility. This type of facility would typically have service/repair and storage areas associated with petroleum products, oils and grease and automotive fluids (such as transmission, power steering, radiator coolants and cleaning solvents), painting and primer products. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "No" for potential contamination to impact the project corridor. <u>Change in Circumstance(s):</u> This facility has closed, and a new automotive repair business remains in its' place.
9	Shenandoah Contractors (Formerly: Gibsonton Feed Store)	11508 US 41, Gibsonton, FL 33534SE of US 41 and Symmes Road	78	Petroleum Products	9201947	UST, LUST	High	No	This facility currently operates as Gibsonton Feed Store. Five former USTs containing unleaded gasoline, kerosene oil and waste oil were removed, along with the dispensers and associated piping, in May 1992. The facility was eligible for the Abandoned Tank Restoration Program (ATRP) in 1992. Initial Site Assessment was not performed until December 2013. The laboratory results and the consultant's findings/conclusions are not yet available for review. Based on the current regulatory status, pending assessment report and proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor. <u>Basis of Change in Ranking:</u> This facility is now closed, and restoration has been documented as complete. Based on this information, this site is assigned the risk rating of "No."

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
10	Vacant (Formerly: Gibsonton Radiator and Auto Repair)	Intersection of US 41 and Symmes Road, US 41, Gibsonton, FL 33534	66	Petroleum Products & Hazardous Waste	FLD984209205	RCRA-SQG	Low	Low	During site reconnaissance this facility was observed to be an operational automobile service facility. This type of facility would typically have mechanical repair and storage areas associated with petroleum products, oils and grease and automotive fluids (such as transmission, power steering, radiator coolants and cleaning solvents), painting and primer products. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. <u>Change in Circumstance(s): This facility is closed and non-operational.</u>
11	Bullfrog Creek Marine	11349 US 41, Gibsonton, FL 33534SW of US 41 & Symmes Road	63	Petroleum Products & Hazardous Waste	NA	NA	Low	Low	During site reconnaissance this facility was observed to be an operational marine mechanic service facility. This type of facility would typically have mechanical repair and storage areas associated with petroleum products, oils and grease and automotive fluids (such as transmission, power steering, radiator coolants and cleaning solvents), painting and primer products. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
12	Shoestrings Used Auto Parts / Former Gibsonton Engine & Transmission	11345 US 41, Gibsonton, FL 33534NW corner of US 41 & Symmes Road	54	Petroleum Products & Hazardous Waste	FLR000177022, FLD984209205, Site #55905	RCRA-CES	Low	Low	During site reconnaissance this site was observed to be an operational automobile service/repair facility and salvage yard. Typical operations at this type of facility would include the storage of used automotive fluids and petroleum products. Spills from salvaged vehicles would also be expected in the areas used for storage of engines and mechanical equipment. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
13	Ace Trailers (Formerly: G & W Tank Lines)	11201 US 41, Gibsonton, FL 33534SW corner of US 41 & Beach Avenue	76	Petroleum Products	NA	NA	Low	Low	During site reconnaissance, this site was observed to be a tanker trucking facility with no registered fuel storage tanks. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. <u>Basis of Change in Ranking: There is a new business operating at this facility. No concerns under previous business (G & W Tank Lines).</u>
14	Mobil-Gibsonton #121 (Formerly: Chevron-Gibsonton #121)	10920 US 41, Gibsonton, FL 33534NE corner of US 41 and Cedar Avenue	82	Petroleum Products	8943518	UST, LUST	Medium	Medium	During site reconnaissance this site was observed to be an operational retail fuel station. Four USTs were installed in 1989 and removed then replaced with three upgraded USTs in 2009. A total of five discharges were reported in 1996, 2000, 2002 and 2009. The site was eligible for the Petroleum Liability and Restoration Program (PLIRP) for the 1996 discharge. Regulatory records indicate that Cleanup is Ongoing (At least one cleanup activity is in progress at a related discharge.) The most recent groundwater sampling event occurred in July 2013 and indicates that concentration of petroleum constituents remains above Groundwater Cleanup Target Levels (GCTLs). However, based on the delineated and documented contaminant plume location, in relation to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.

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15	Stepp's Towing Service (Former Auto Salvage Yard)	10901 US 41, Gibsonton, FL 33534SW corner of US 41 & Cliff Avenue	152	Petroleum Products & Hazardous Waste	NA	NA	Low	No	During site reconnaissance, this site was observed to be a vacant lot with a commercial/office structure onsite. Reviews of historical aerial photographs indicate that the property was utilized for vehicle storage or salvage. Typical operations at this type of facility would include the storage of used automotive fluids and petroleum products. Spills from salvaged vehicles would also be expected in the areas used for storage of engines and mechanical equipment. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. Basis of Change in Ranking: A new business is operating at this previously vacant facility. There were no recorded spills, discharges, or releases during the operation of the Auto Salvage Yard. Based on this information, this facility poses no contamination concerns to the project.
16	Advance Auto Parts #9421	10824 US 41, Gibsonton, FL 33534NE corner of US 41 & Mottie Road	62	Petroleum Products & Hazardous Waste	NA	NA	No	No	During site reconnaissance this site was observed as an operational automotive parts sales store. Typically, this type of business will store and sell petroleum products, oils and grease and automotive fluids (such as transmission, power steering, radiator coolants and cleaning solvents), painting and primer products. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "No" for potential contamination to impact the project corridor.
17	Shell-Bullfrog #669 (Formerly: Sunoco #308)	10820 US 41, Gibsonton, FL 33534E of US 41 and Shirley Avenue	86	Petroleum Products	8508939	UST, LUST	Medium	Medium	During site reconnaissance this site was observed to be an operational retail fuel station. Two discharges were reported in 1986 and 1995. Regulatory records indicate that cleanup has been completed, and the facility received a Site Rehabilitation Completion Order (SRCO) in October 2012. Based on the current regulatory status and proximity to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.
18	Joy Foods #101	10810 US 41, Gibsonton, FL 33534SE Corner of US 41 and Nundy Avenue	0	Petroleum Products	8625273	UST, LUST	High	Medium	During site reconnaissance this site was observed to be an operational retail fuel station. This facility previously maintained eight USTs, which have been removed. Three USTs were installed in 2006 and are in service. Two discharges were reported in 1988, and the facility was eligible for the EDI program in 1989. Limited site assessment performed in 2011, as part of the Low Scored Site Initiative (LSSI) program, concluded that soil and groundwater contaminants were not detected in the locations sampled. However, the site did not meet requirements for NFA at the time. Based on the documented historical discharge and proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor. Basis of Change in Ranking: State records show that cleaning up has been initiated for several years. The case is not closed out with the State, so a Medium rating is given.

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19	Juan Tire Service	10805 US 41, Gibsonton, FL 33534SW corner of US 41 & Nundy Avenue	66	Hazardous Waste	FLD981922735	RCRA-CES	Low	Low	During site reconnaissance this site was observed to be an operational automobile service facility. This type of facility would typically have service/repair and storage areas associated with petroleum products, oils and grease and automotive fluids (such as transmission, power steering, radiator coolants and cleaning solvents), painting and primer products. Based on this information and proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
20	Good Car Wash (Formerly: (Former) Mobil Station / Discount Automotive of Gibsonton)	10181 US 41, Gibsonton, FL 33534NW corner of US 41 & Nundy Avenue	54	Petroleum Products & Hazardous Waste	8509022	UST, LUST	High	No	During site reconnaissance, this site was observed as an operational automobile repair facility. This former gas station previously maintained USTs and a discharge was reported in 1988. RAP was approved in 1994, and the system was operated through March 1995. No additional assessment or monitoring was performed until February 2013, as part of the LSSI program. Minimal dissolved contaminant impacts were identified onsite above the GCTLs and therefore the requirements for NFA are not met at this time. Additional groundwater monitoring at MW- 14 was required by the FDEP. Based on the documented historical discharge and proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor. <u>Basis of Change in Ranking:</u> Cleanup Completed (All related discharge cleanup activities are completed. At least one discharge required a cleanup activity.) The discharges were granted NFA (No Further Action) status. Based on the documented historical discharge and the proximity to the ROW, this facility is given a risk ranking of "No" for potential contamination to impact the project corridor.
21	Railroad Corridor	SE of US 41 and Gibsonton Drive, US 41, Gibsonton, FL 33534	69	Arsenic, Pesticides/Herbicides & Petroleum Products	NA	NA	High	High	Historically railroads used arsenic based pesticides/herbicides for vegetation and weed control along their corridors. Additionally, the use of petroleum based and creosote compounds were used to preserve railroad ties. These compounds have typically been identified in the surficial soils within railroad beds tested. No evidence of illicit dumping or trash disposal was evident along the railroad corridor. Based on its proximity to the ROW, this facility is risk ranked "High" for potential contamination to impact the project corridor.
22	Presto Food Store #40/ Gibsonton Food Mart	10143 US 41, Gibsonton, FL 33534SW corner of US 41 and Alice Avenue	0	Petroleum Products & Solvents	8509017, Site #74298	UST, LUST, COMET	High	High	During site reconnaissance this site was observed to be an operational retail fuel station. A discharge was reported in 1988 and was eligible for the EDI program. Two USTs are currently maintained onsite and six former USTs were removed in 1984 and 1987. A 1997 Limited Site Assessment report and 1999 Groundwater Monitoring report confirmed the presence of solvents (TCE) in MW-12D. It was concluded that it was from an offsite source and recommended remediation be addressed during future petroleum cleanup. In 2010, a Limited Source Removal report indicated that 416 tons of petroleum impacted soils were removed during tank upgrade activities. Due to low priority scoring no other assessment was performed until June 2011, as part of the LSSI program. The site did not meet requirements for NFA at the time. Based on the documented historical discharge and proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor.

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23	Billy's Tire & Wheel	10045 US 41, Gibsonton, FL 33534NW corner of US 41 and Alice Avenue	0	Hazardous Waste	NA	NA	Low	Medium	During site reconnaissance, this facility was observed as an automobile service shop. This type of facility would typically have service/repair and storage areas associated with petroleum products, oils and grease and automotive fluids (such as transmission, power steering, radiator coolants and cleaning solvents), painting and primer products. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. Basis of Change in Ranking: To follow FDOT standard for when a past gas station was present and there are no records of cleanup activities.
24	Pats Place Hardware	9935 US 41, Gibsonton, FL 33534NW Corner of Estelle Ave and US 41	30	Petroleum Products	9102365	UST, LUST	Low	Medium	During site reconnaissance, this site was observed as a vacant commercial building. This facility formerly maintained six USTs that were removed in 1991. A discharge report form was submitted at the time of tank removal. However, no contamination was identified, and cleanup was not required (All related discharges either did not require cleanup per relevant Chapter rules, or no contamination was found by inspection.) Based on the current regulatory status and proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. Basis of Change in Ranking: To follow FDOT standard for when a past gas station was present and there are no records of cleanup activities.
25	Electrical Sub-station	Sam Warren Road & Tamiami Trail, NW of Bridge, Tampa, FL 33619	213	PCBs	NA	NA	Low	Low	During site reconnaissance, this site was observed to be an electrical sub-station. Typically, these types of facilities are associated with PCBs in transformers and heavy metals in lead-acid battery backups. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its distance from the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
26	Railroad Crossing (#1)	North of the US 41 and Riverview Drive intersection, Tampa, FL 33619	0	Arsenic, Pesticides/Herbicides & Petroleum Products	NA	NA	High	High	Historically railroads used arsenic based pesticides/herbicides for vegetation and weed control along their corridors. Additionally, the use of petroleum based and creosote compounds were used to preserve railroad ties. These compounds have typically been identified in the surficial soils within railroad beds tested. No evidence of illicit dumping or trash disposal was evident along the railroad corridor. Based on its proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor. This rating remains the same, although the crossing has been paved over, due to its' historical use.
27	Rail Yard	NW of the US 41 and Old US 41 intersection, Tampa, FL 33619	109	Arsenic, Pesticides/Herbicides & Petroleum Products	NA	NA	High	High	Historically railroads used arsenic based pesticides/herbicides for vegetation and weed control along their corridors. Additionally, the use of petroleum based and creosote compounds were used to preserve railroad ties. These compounds have typically been identified in the surficial soils within railroad beds tested. Additionally, over time, spills from general operations, maintenance, and parking of railcars at this facility would be expected to accumulate on the ground beneath. No evidence of illicit dumping or trash disposal was evident along the railroad corridor. Based on its proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
28	Railroad Crossing (#2)	Approx. 3,500 feet North of the US 41 and Old US 41 intersection, Tampa, FL 33619	0	Arsenic, Pesticides/Herbicides & Petroleum Products	NA	NA	High	High	Historically railroads used arsenic based pesticides/herbicides for vegetation and weed control along their corridors. Additionally, the use of petroleum based and creosote compounds were used to preserve railroad ties. These compounds have typically been identified in the surficial soils within railroad beds tested. No evidence of illicit dumping or trash disposal was evident along the railroad corridor. Based on its proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor.
29	Closed Gypsum stacks, Mosaic Company	West Stack at Riverview in Archie Creek - Tampa Bay basin, Tampa, FL 33619	2452	Hazardous Waste (Phosphogypsum)	FL0177130, WAER#17713	RCRA, Wastewater	Medium	Medium	Phosphogypsum is a byproduct of the manufacture of phosphoric acid for fertilizers. It is stored in stacks which range up to 200 feet in height and cover up to 400 acres. Chemically, phosphogypsum is calcium sulfate (CaSO ₄). It is identical to gypsum which occurs naturally throughout the world. The impurities in phosphogypsum which cause the primary concern are radioactive materials. Uranium occurs naturally along with phosphate rock in Florida. Radioactive decay transforms uranium into other elements such as radium, polonium, and lead. As a result, all of these radioactive materials are found in phosphogypsum. These materials make phosphogypsum slightly radioactive. Phosphogypsum in Central Florida typically has a radioactivity level averaging about 26 pCi/g. Northern Florida phosphogypsum is less radioactive with typical levels about 10 pCi/g. Phosphogypsum contains several other impurities. One of the impurities is acid left over from the manufacture of phosphoric acid. Other impurities include low concentrations of heavy metals. The use of phosphogypsum is banned based on EPA's concern about radioactivity and potential human exposure. Contamination concerns arise from leaching, flooding/overflow, and spills from the ponds down the embankments to the surrounding areas. Based on this information and distance to the ROW, these facilities are given a risk ranking of "Medium" for potential contamination to impact the project corridor.
30	Active Gypsum stacks, Mosaic Company	East Stack at Riverview in Archie Creek - Tampa Bay basin, Tampa, FL 33619	3729	Hazardous Waste (Phosphogypsum)	FL0000761, WAER#12281	RCRA, Wastewater	Medium	Medium	Phosphogypsum is a byproduct of the manufacture of phosphoric acid for fertilizers. It is stored in stacks which range up to 200 feet in height and cover up to 400 acres. Chemically, phosphogypsum is calcium sulfate (CaSO ₄). It is identical to gypsum which occurs naturally throughout the world. The impurities in phosphogypsum which cause the primary concern are radioactive materials. Uranium occurs naturally along with phosphate rock in Florida. Radioactive decay transforms uranium into other elements such as radium, polonium, and lead. As a result, all of these radioactive materials are found in phosphogypsum. These materials make phosphogypsum slightly radioactive. Phosphogypsum in Central Florida typically has a radioactivity level averaging about 26 pCi/g. Northern Florida phosphogypsum is less radioactive with typical levels about 10 pCi/g. Phosphogypsum contains several other impurities. One of the impurities is acid left over from the manufacture of phosphoric acid. Other impurities include low concentrations of heavy metals. The use of phosphogypsum is banned based on EPA's concern about radioactivity and potential human exposure. Contamination concerns arise from leaching, flooding/overflow, and spills from the ponds down the embankments to the surrounding areas. Based on this information and distance to the ROW, these facilities are given a risk ranking of "Medium" for potential contamination to impact the project corridor.
31	Tampa Steel Erecting Co.	5127 Bloomingdale Avenue, Tampa, FL 33619 Between Bloomindale Ave & Old US 41	5260	Petroleum Products & Hazardous Waste	8625434, 8839234, FLR000011734, Site #25915	UST, RCRA-LQG	Low	Low	During site reconnaissance this site was observed to be an operational steel manufacturing facility. This facility currently maintains onsite USTs. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
32	Former East Bay Sanitation Service	5006 S. 50 th Street (US 41), Tampa, FL 33619 North of US 41 and Bloomingdale Ave	3428	Petroleum Products	9602202	AST	Low	Low	During site reconnaissance this site was observed as vacant commercial/industrial property. One diesel fuel AST was installed in 1996 and taken out of service in 1999. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
33	Site 66 (Formerly: Tampa Scrap Processors)	4902 S. 50 th Street (US 41) and Tampa, FL 33619SE of US 41 & Dover Street	703	Petroleum Products & Hazardous Waste	County ID 48091	County SQGS	Low	Low	During site reconnaissance this site was observed to be as a scrap metal processing/salvage facility. Typical operations at this type of facility would include the storage and use of petroleum products, automotive and hydraulic fluids. Over time, spills from mechanical equipment maintenance operations would be expected to accumulate in the soils beneath. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. <u>Change in Circumstance(s):</u> This facility has been demolished and is now a brownfield.
34	Site 66 (Formerly: Mad Dog Mulching)	4902 S. 50 th Street (US 41), Tampa, FL 33619SE corner of US 41 & Dover Street	133	Hazardous Waste	WACSID 95217	Solid Waste	Low	Low	During the site reconnaissance, this site was observed to be an operational mulching facility. This is a Source-Separated Organics Processing Facility (SOPF) and is designated as a Waste Processing Area (Not Yet Determined) by the FDEP. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. <u>Change in Circumstance(s):</u> This facility has been demolished and is now a brownfield.
35	Tampa Bay Metals Brownfield (Formerly: FL International Recycling Service / Tampa Bay Metal Recycling Durasource Industries)	4810 S. 50 th Street (US 41), Tampa, FL 33619NE US 41 & Dover Street	354	Petroleum Products & Hazardous Waste	9602009, COM_306514	UST, COMET	Medium	Medium	During site reconnaissance, this site was observed to be an operational metal recycling facility. This facility is in active waste cleanup of non-petroleum contaminants. Based on the current regulatory status and its proximity to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.
36	One Used Auto Parts	4801 S. 50 th Street (US 41), Tampa, FL 33619, NW of US 41 & Dover Street	311	Petroleum Products & Hazardous Waste	County ID 51618	County SQGS	Low	Low	During the site reconnaissance, this site was observed to be an automobile parts salvage yard. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "No" for potential contamination to impact the project corridor.
37	Circle K #2708536	4630 S. 50 th Street (US 41), Tampa, FL 33619NE corner of US 41 & Madison Avenue	475	Petroleum Products	8838058	UST, LUST	High	High	During site reconnaissance this site was observed to be an operational retail fuel station. Four discharges were reported in 1991, 1994, 1996 and 2006. This facility is pending petroleum cleanup activities. Based on the documented historical releases and its proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor.
38	Pendola Point Brownfield Area	Port of Tampa, Tampa, Hillsborough County, FL	57	Petroleum Products & Hazardous Waste	BF291101000	Brownfields, COMET	Low	Low	This Brownfield Area (as described in Resolution R11-115) is approximately 168 acres located primarily along Pendola Road, east of Highway 41 with some portions fronting on Highway 41. It adjoins Port Sutton Channel and has historically been developed exclusively as a maritime industrial area. Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by actual or perceived environmental contamination. Based on the current regulatory status and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
39	Former Marathon Petroleum Bulk Facility / Marathon Asphalt Plant (#65936) / Carolco Industrial Site	4611 S. 50 th Street (US 41), Tampa, FL 33619NW corner of US 41 & Madison Avenue	139	Petroleum Products	9100083, FLD981014525, Site #61589, Site ID#65111	UST, LUST, RCRA-CES, COMET	Medium	Medium	During site reconnaissance, this site was observed as a closed bulk product facility. One discharge was reported in 1987. However, the FDEP did not require cleanup (All related discharges either did not require cleanup per relevant Chapter rules, or no contamination was found by inspection). The former Marathon Asphalt Plant is located at the eastern end of Brownfield and has regulatory closure on waste cleanup activities. Based on this information and proximity to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.
40	Dillon Transport	4614 S. 50 th Street (US 41), Tampa, FL 33619NE of US 41 & Madison Avenue	689	Petroleum Products	9100442	UST	Low	Low	During site reconnaissance, this site was observed to be a tanker trucking facility with registered fuel storage tanks. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
41	Nematode Controllers Inc	5001 S. 50 th Street (US 41), Tampa, FL 33619	91	Petroleum Products & Hazardous Waste	8625668, FLD982121246	UST, RCRA-CES	Low	Low	During site reconnaissance, this site was observed to be a scrap metal processing facility with one registered AST installed in 1980. Typical operations at this type of facility would include the storage and use of petroleum products, automotive and hydraulic fluids. Over time, spills from mechanical equipment maintenance operations would be expected to accumulate in the soils beneath. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
42	One Steel Recycling Ltd	4943 Port Sutton Road, Tampa, FL 33619, SW of US 41 & Port Sutton Road	175	Petroleum Products & Hazardous Waste	9811215, FLR000152751, Site #76166	UST, LUST RCRA-CES	Medium	Medium	During site reconnaissance, this site was observed to be a metal recycling facility with one registered AST that was installed in 2008 and removed in 2013. A discharge was reported in October 2012. No assessment activities have occurred. Typical operations at this type of facility would include the storage and use of petroleum products, automotive and hydraulic fluids. Over time, spills from mechanical equipment maintenance operations would be expected to accumulate in the soils beneath. No records of enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.
43	Energy Ammonia	4333 S. 50 th Street (US 41), Tampa, FL 33619NW corner of US 41 & Port Sutton Road	124	Petroleum Products	9102192	UST, LUST	High	No	During site reconnaissance, this facility was observed to be occupied by Marine Engineers Beneficial Association. One former 500-gallon gasoline UST was installed at an unknown date and a discharge was reported in 1990 during removal. The discharge is eligible for the Petroleum Cleanup Participation Program (PCPP). However, due to a low priority score, assessment/remediation has not begun at this site. Based on the documented historical discharge and proximity to the ROW, this facility is given a risk ranking of "High" for potential contamination to impact the project corridor. Basis of Change in Ranking: Cleanup Completed (All related discharge cleanup activities are completed. At least one discharge required a cleanup activity.) Based on the documented historical discharge and the proximity to the ROW, this facility is given a risk ranking of "No" for potential contamination to impact the project corridor.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
44	Port Consolidated Inc	5007 Denver Street, Tampa, FL 33619NE corner of US 41 & Santa Fe Road	198	Petroleum Products	9810571	UST, LUST	Low	Low	During site reconnaissance, this site was observed to be a petroleum bulk storage facility. This facility currently maintains twenty-one ASTs and seven USTs. No records of discharge, releases or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor.
45	Marathon Truck & Trailer (Formerly: Drop off Scrap Yard)	4106 S. 50 th Street (US 41), Tampa, FL 33619E of US 41 & Austin Street	76	Petroleum Products & Hazardous Waste	NA	NA	Low	No	During site reconnaissance this site was observed to be an operational salvage facility. Typical operations at this type of facility would include the storage and use of petroleum products, automotive and hydraulic fluids. Over time, spills from mechanical equipment maintenance operations would be expected to accumulate in the soils beneath. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. <u>Basis of Change in Ranking:</u> There is a new business operating at this facility. No concerns under previous business (G & W Tank Lines).
46	Vacant Property (Formerly: Interstate Uniform Services Corp.)	4021/4023 S. 50 th Street (US 41), Tampa, FL 33619NW corner of US 41 & Austin Street	212	Drycleaning Solvents	9600746	UST	Low	Medium	During site reconnaissance this site was observed to be occupied by Porter Paints, a paint supply store. From the regulatory records reviewed, it is unknown if this was a drop-off only or a plant drycleaning facility. The size, contents and locations of the registered tank are also unknown. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.
47	Florida Mariner Joiner Service, Inc (Formerly: HiTech Products (#99998))	4917 Hartford Street, Tampa, FL 33619SW of US 41 & Hartford Street	115	Hazardous Waste	FLR000014472, Site #61961	RCRA-SQG, COMET	Medium	Medium	During site reconnaissance this site was observed to be occupied by an automobile salvage facility. Typical operations at this type of facility would include the storage of used automotive fluids and petroleum products. The HiTech Products facility is closed. Spills from salvaged vehicles would also be expected in the areas used for storage of engines and mechanical equipment. Regulatory documentation indicates the possible presence of buried drums containing petroleum products in the SW portion of the property "under the road." The case (initiated by a complaint) was closed by the FDEP in April 2000 due to lack of physical evidence. There is no report of GPR or soil/groundwater laboratory analysis in the suspect area. Based on this information and distance (approximately 500 feet) to the ROW, this facility is given a risk ranking of "Medium" for potential contamination to impact the project corridor.
48	Nature's Own TastyKake Bakery Outlet (Formerly: Buttercrust Bakery)	3902 S. 50 th Street (US 41), Tampa, FL 33619NE corner of US 41 & Harford Street	99	Petroleum Products	8627328	UST	Low	No	During site reconnaissance, this site was occupied by Country Hearth Bakery. Two ASTs were installed in 1974. However, storage tanks were not observed onsite. No records of discharge, release, violations, or enforcement actions were identified. Based on this information and its proximity to the ROW, this facility is given a risk ranking of "Low" for potential contamination to impact the project corridor. <u>Basis of Change in Ranking:</u> Nature's Own TastyKake Bakery Outlet now occupies this site. There were no ASTs observed on the site.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
49	William Leek	6118 Kracker Rd, Gibsonton, FL 33534	454	Unknown	NA	HAZ WASTE	N/A	Medium	Per FDOT guidelines sites with minimal or no information should be assigned Medium Risk.
50	Lisa Wright / Sea Tow Tampa Bay	11806 US 41 S, Gibsonton, FL 33534	37	Hazardous Waste	FLT130084189	FIENDS, RCRA-VSQG, ECHO	N/A	Low	Listed on RCRA as a very small quantity generator.
51	Darrel Adams Environmental Services	11801 US 41 S, Gibsonton, FL 33534	98	None	NA	FIENDS	N/A	No	No negative records of discharge, release, violations, or enforcement actions.
52	A-fabco, Inc.	11550 US 41 S, Gibsonton, FL 33534	77	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
53	Verizon Wireless Gibsonton 431	11525 Corwin St, Gibsonton, FL 33534	22	None	NA	TIER 2	N/A	No	Cell tower; no records of discharge, release, violations, or enforcement actions.
54	Manning Auto Sales	11505 US 41, Gibsonton, FL 33534	173	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
55	Bay Area Environmental Service (Shenandoah Contractors)	11508 US 41 S, Gibsonton, FL 33534	401	None	NA	FIENDS, ECHO	N/A	No	No records of discharge, release, violations, or enforcement actions.
56	Commercial Development at US 41 and Symmes Rd	11344 US 41, Gibsonton, FL 33534	57	None	FLR20FO02	ECHO, FIENDS, NPDES	N/A	No	No records of discharge, release, violations, or enforcement actions.
57	Jono Center	NoRTH SIDE OF POWELL ROAD, 0.38 MILES E, Gibsonton, FL 33534	69	None; Contained.	NA	SWF/FL	N/A	Low	Solid waste facility; contamination contained.
58	Gagel's Auto Sales	11023 US 41, Gibsonton, FL 33534	333	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
59	National Engineering and Repair Corp	10833 US 41, Gibsonton, FL 33534	171	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
60	Alafia Marine	6128 Lewis Ave, Gibsonton, FL 33534	70	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
61	All Steel Tubular Division	10159 US 41, Gibsonton, FL 33534	114	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
62	Magno Melo Trucking Inc	6911 Gibsonton Dr, Gibsonton, FL 33534	543	Petroleum	106781	SPILLS, ERNS, SWF/LF	N/A	High	Documented spill in 2017 with no cleanup status reported to the state, nor in county records.
63	Taken for Granite and Marble LLC	9919 US 41 S, Gibsonton, FL 33534	71	None; Contained.	NA	HAZ WASTE	N/A	No	Granite dust may be considered hazardous waste but does not pose a threat to the project because it is contained.
64	Reel Them In Bait and Tackle	9851 US 41 S, Gibsonton, FL 33534	573	Unknown	NA	FINDS	N/A	No	There is no history of tanks, discharges, or regulatory concerns for this property.
65	Miguel Gudino BER 09-41-42510	6206 Pennsylvania Ave, Gibsonton, FL 33534	45	None	9811891	LUST, DWM CONTAM, ERNS, RGA LUST	N/A	No	Cleanup requirements completed (NFA Complete).
66	Giants Camp Restoration Project	9811 US 41 S, Gibsonton, FL 33534	48	None	9813851	SPILLS, ERNS, SWF/LF	N/A	No	Cleanup completed (SRCR Complete); no evidence of current activity.
67	Inter Bay Moorings	10 Ohio Ave, Gibsonton, FL 33534	288	Petroleum	9300683, FLR000193698	Financial Assurance, AST, FINDS, ECHO, RCRA-VSQG, ERNS, SPILLS,	N/A	High	Documented spill in 2013 with no cleanup status.
68	Williams Park Boat Ramp	9425 US 41 S, Riverview, FL 33534	538	Petroleum	9300683, FLR000193698	ERNS	N/A	High	Documented spill in 2012 with no cleanup status.
69	Scrap King, LLC	5002 Dover St, Tampa, FL 33619	318	Petroleum	FLR05I239	FINDS, NPDES, DWM CONTAM, RESP PARTY, ECHO	N/A	High	Documented incident in 2017. Cleanup requirements are not completed.
70	Florida Playground & Steel Co	4701 S 50th St, Tampa, FL 33619	170	None; Contained.	NA	HAZ WASTE	N/A	Low	Metal fabrication facility, with open machines and equipment.
71	Yara CN-9 Facility	4609 S 50th St, Tampa, FL 33619	56	None; Contained.	NA	FINDS, ECHO, NPDES, TIER 2	N/A	Low	Proximity to ROW; No records of discharge, release, violations, or enforcement actions.
72	Trademark Metals Recycling	4943 Port Sutton Rd, Tampa, FL 33619	181	None	NA	TIER 2, US AIRS	N/A	No	No records of discharge, release, violations, or enforcement actions.
73	Payless Waste Services LLC	5023 Montgomery St, Tampa, FL 33619	245	None	99101	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.

Site Number & Site/Facility Name <i>Illustrated in Appendix B</i>		Address and/or Location	Distance from Proposed ROW (ft)	Type of Concern(s)	Regulatory Facility ID	Regulatory Database Listings	2017 CSER Risk Rating	2024 CSER Risk Rating	Site History, Regulatory Status and Comments (Discussion for sites 1-48 is from 2017, with a bold notation for any current information)
74	Guillermo Gonzales (now Tampa Electric)	4959 Santa Fe, Tampa, FL 33619	232	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
75	Griffin Paint MFG Co	4202 S 50 th St, Tampa, Fl 33619	320	None	NA	FINDS, HAZ WASTE, RCRA NONGEN/NLR	N/A	No	The building was torn down; it is now a parking lot. No records of discharge, release, violations, or enforcement actions.
76	Magic Speed Auto	4132 50th St, Tampa, FL 33619	97	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
77	Bruce Marine Sales and Services Inc	4109 50th St, Tampa, FL 33619	59	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
78	Mobile Mini	4004 50th St, Tampa, FL 33619	33	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.
79	American Victory Cabs Inc	4920 Trenton St, Tampa, FL 33619	26	None	NA	HAZ WASTE	N/A	No	No records of discharge, release, violations, or enforcement actions.

N/A = Not applicable, contamination sites added in 2024 CSER, since 2017 CSER

Section 3 SMF and FPC Sites

Preferred SMF and FPC sites have been screened for potential contamination issues. This section provides a determination for potential contamination involvement in each SMF or FPC site based on the recommended build alternative. The potential risk for each pond site was determined by a number of factors including the proximity to potential contamination sites, the risk rating for each contamination site, and field review observations as to site conditions and risks of in-situ transport.

Based on a desktop review of the potential contamination sites identified in this report and the available information on the properties evaluated, it appears 9 preferred SMF/FPC sites may have the potential for contamination involvement. Only the preferred SMF/FPC sites within 1,000 feet of a potential contamination site are cited. The distance is measured from the point of contamination to the closest edge of each pond site. These pond sites are rated High, Medium, or Low. Information regarding potential contamination site proximity to the preferred SMF and FPC sites is presented in **Table 5**. The SMF and FPC location specifics (shape, precise bounds) will be altered in the final design phases. The measures (approximate distance) provide relative position.

Table 5 - SMF and FPC Site Contamination Ratings and Proximity to Sites

Preferred SMF or FPC	Size (Acres)	Risk Rating	Potential Contamination Sites (#) within 1,000 feet – Risk Rating	Approximate Distance (point to closest pond edge) to Preferred SMF or FPC (feet)
SMF 1C	1.71	Low	Site 49 - Medium	98
SMF 2A	2.05	Low	Site 2 - Medium	229
SMF/FPC 3B	5.25	Low	Site 5 - Low	417
SMF/FPC 4A	2.62	Low	Site 10 - Low	342
			Site 11 - Low	271
			Site 12 - Low	409
			Site 24 - Medium	359
SMF/FPC 4B	2.84	Low	Site 50 - Medium	875
SMF 5B	5.03	Low	Site 14 - Medium	744
			Site 17 - Medium	934
SMF 6D1	1.27	Medium	Site 14 - Medium	868
			Site 17 - Medium	129
			Site 18 - Medium	Within Pond Site
			Site 19 - Low	166
			Site 21 - High	69
			Site 17 - Medium	470
SMF 6D2	1.32	Low	Site 18 - Medium	229
			Site 19 - Low	214
			Site 21 - High	83
			Site 22 - High	448
			Site 23 - Medium	635
			Site 62 - Medium	624
			Site 27 - High	291
SMF 7A	7.13	Medium	Site 28 - High	497

Section 4 Conclusion

All corridor properties within half a mile were evaluated for potential contamination sources within or near the study area. Sites from the 2017 CSER not identified as removed are still valid contamination sites, their past risk rating or their re-evaluated risk ratings are presented in **Table 4**, along with the 2024 sites with their respective risk ratings. **Table 6** displays a summary comparison of the 2017 and 2024 contamination sites by risk rating.

Based on the 2017 CSER and this update Technical Memorandum, the following recommendations are made for this project:

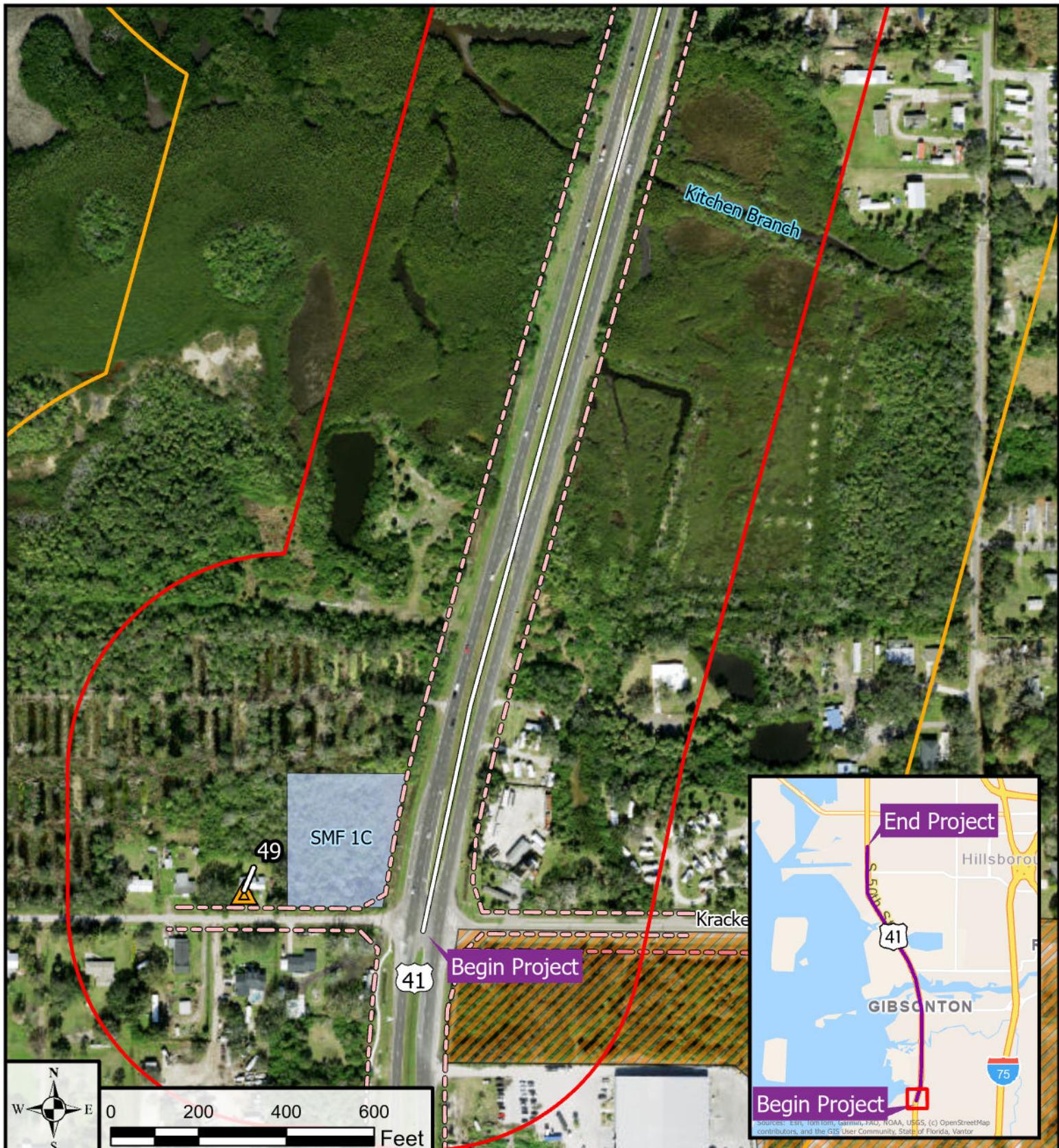
1. For sites rated Low for potential contamination, no further action is required at this time. These sites/facilities have a potential to impact the study area but based on select variables have been determined to have low risk to the corridor at this time. Variables that may change the risk rating include a facility's non-compliance with environmental regulations, new discharges to the soil or groundwater, and modifications to current permits. Should any of these variables change, additional assessment of the facilities should be conducted.
2. For those locations with a risk rating of Medium or High, a Level II field screening will be conducted during the design phase. These sites have been determined to have potential contaminants, which may impact the US 41 corridor. A soil and groundwater sampling plan will be developed for each site. The sampling plan should provide sufficient detail as to the number of soil and groundwater samples to be obtained and the specific analytical tests to be performed. A site location sketch for each facility showing all proposed boring locations and groundwater monitoring wells should be prepared.

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 ROW and/or proceeding with roadway construction.

Table 6 – Count Comparing Ratings of Contamination Sites 2017 vs. 2024

Risk Rating	Number of Sites 2017 CSER	Number of Sites 2024 CSER
No	6	34
Low	23	21
Medium	9	14
High	10	10
Total	48	79

Appendix A Detailed Contamination Location Map



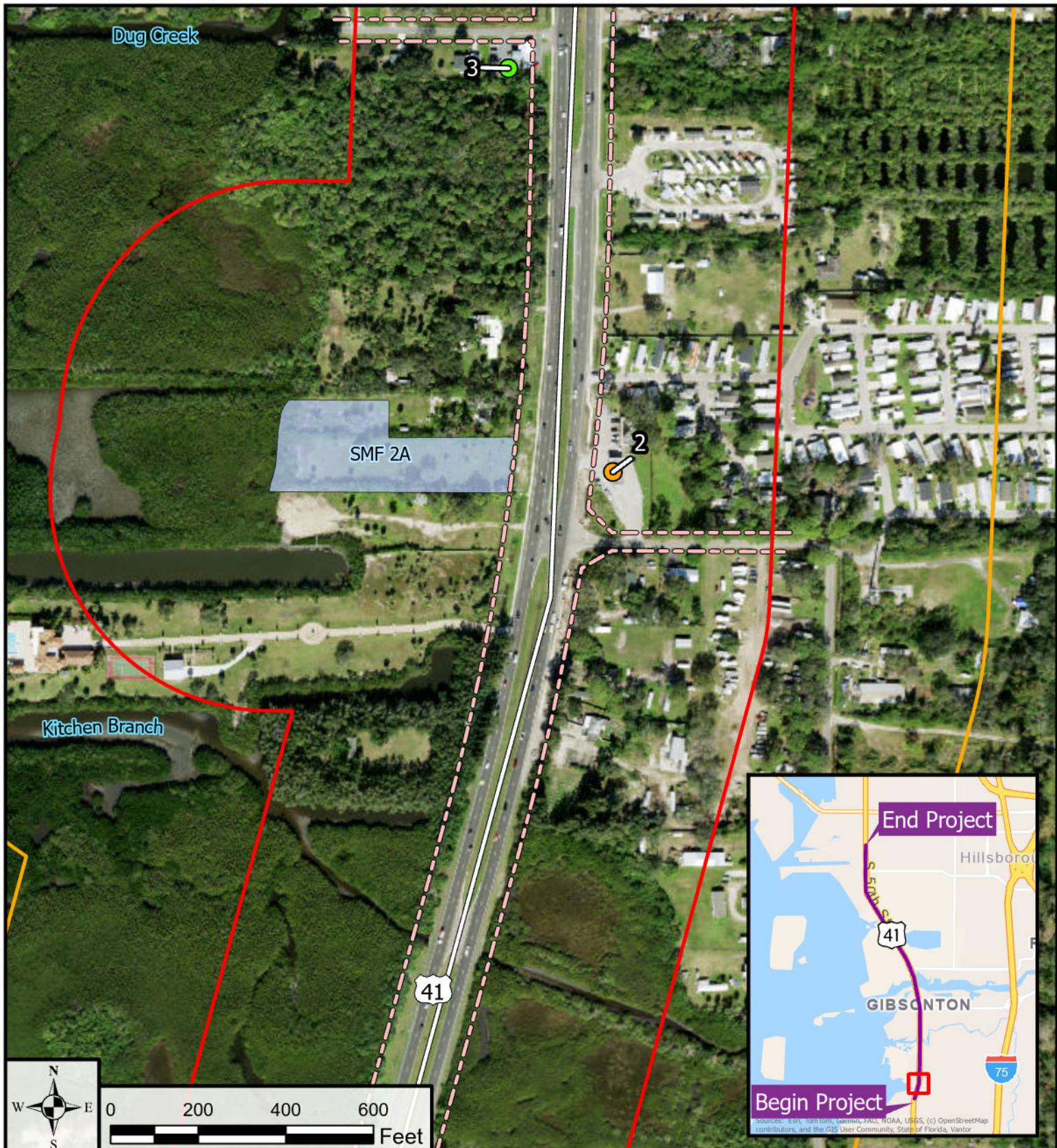
Legend

Brownfield Area	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Existing ROW	High Risk	Low	High Risk
Proposed ROW	Medium Risk	Medium	Medium Risk
Preferred Pond Site	Low Risk	No	Low Risk
500 ft Buffer	No Risk		No Risk
1000 ft Buffer			
Half Mile Buffer			

Detailed Contamination Map

Appendix A

Project Development & Environment Studies
US 41 From Kracker Ave
To South Of Causeway Blvd
FPID: 430056-1-22-01
Hillsborough County



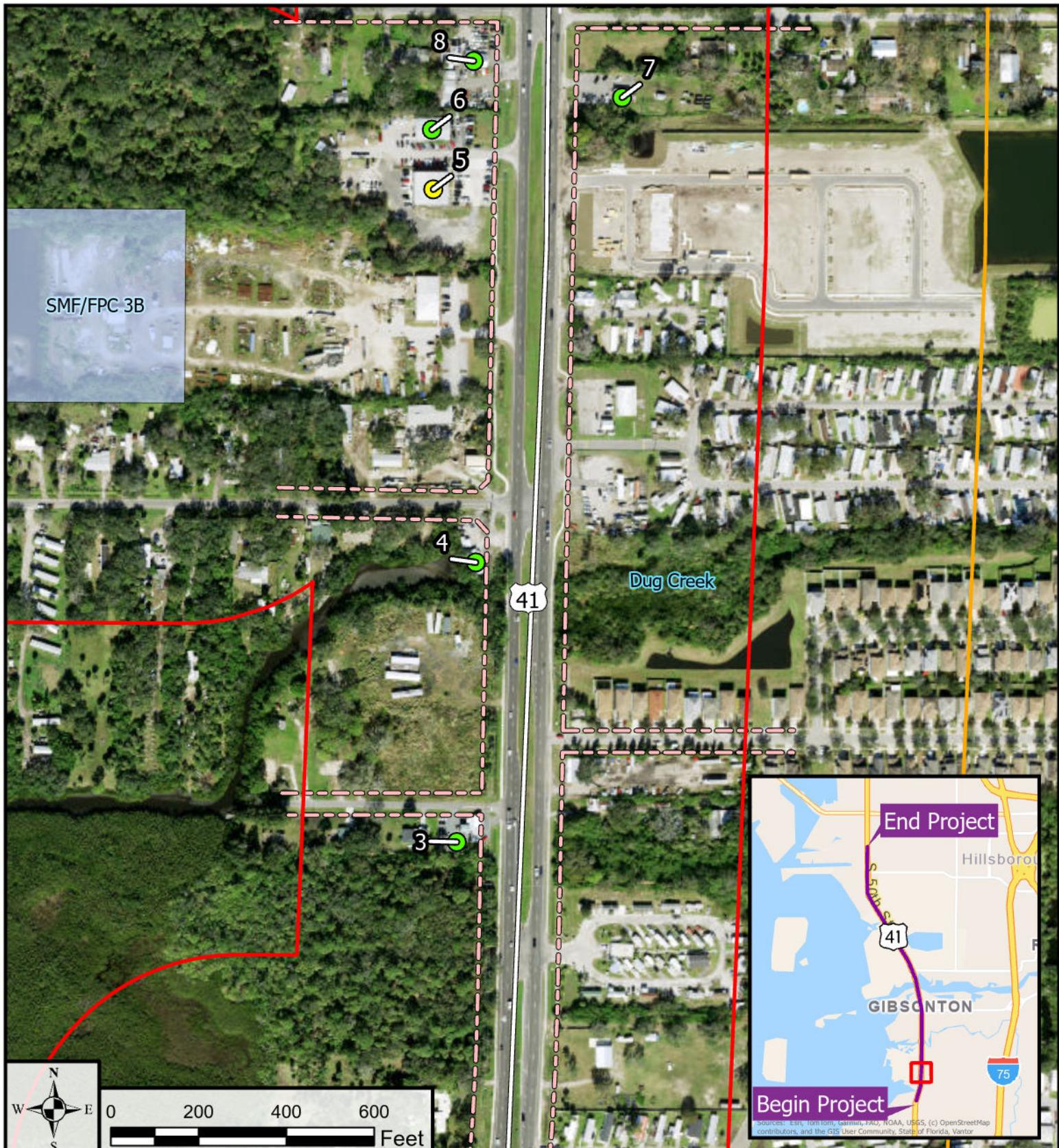
Legend

Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Preferred Pond Site	High Risk	Low	High Risk
500 ft Buffer	Medium Risk	Medium	Medium Risk
1000 ft Buffer	Low Risk	Low	Low Risk
Half Mile Buffer	No Risk	No	No Risk

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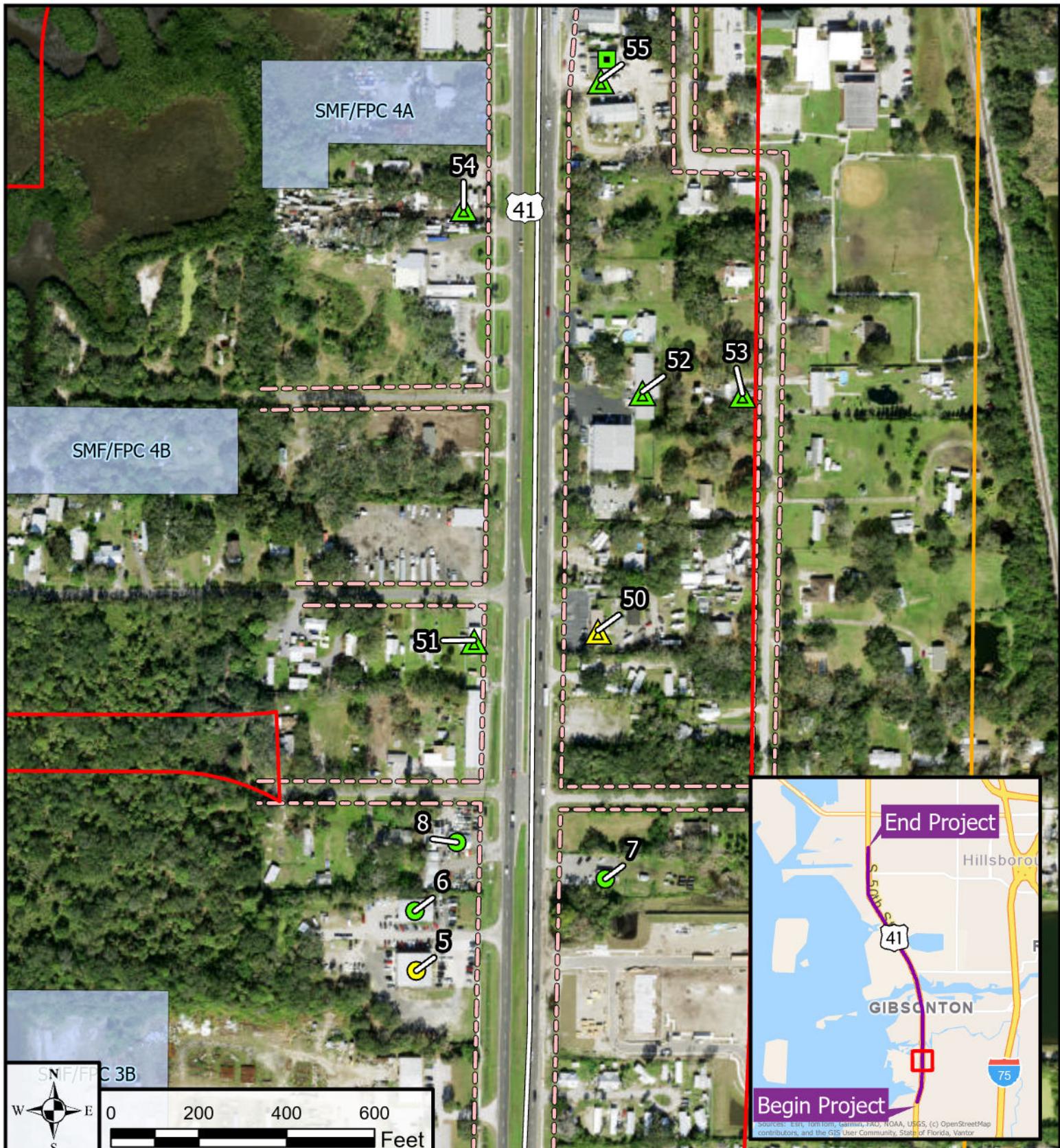
Legend

Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Preferred Pond Site	High Risk	Low	High Risk
500 ft Buffer	Medium Risk	Medium	Medium Risk
1000 ft Buffer	Low Risk	Low	Low Risk
Half Mile Buffer	No Risk	No	No Risk

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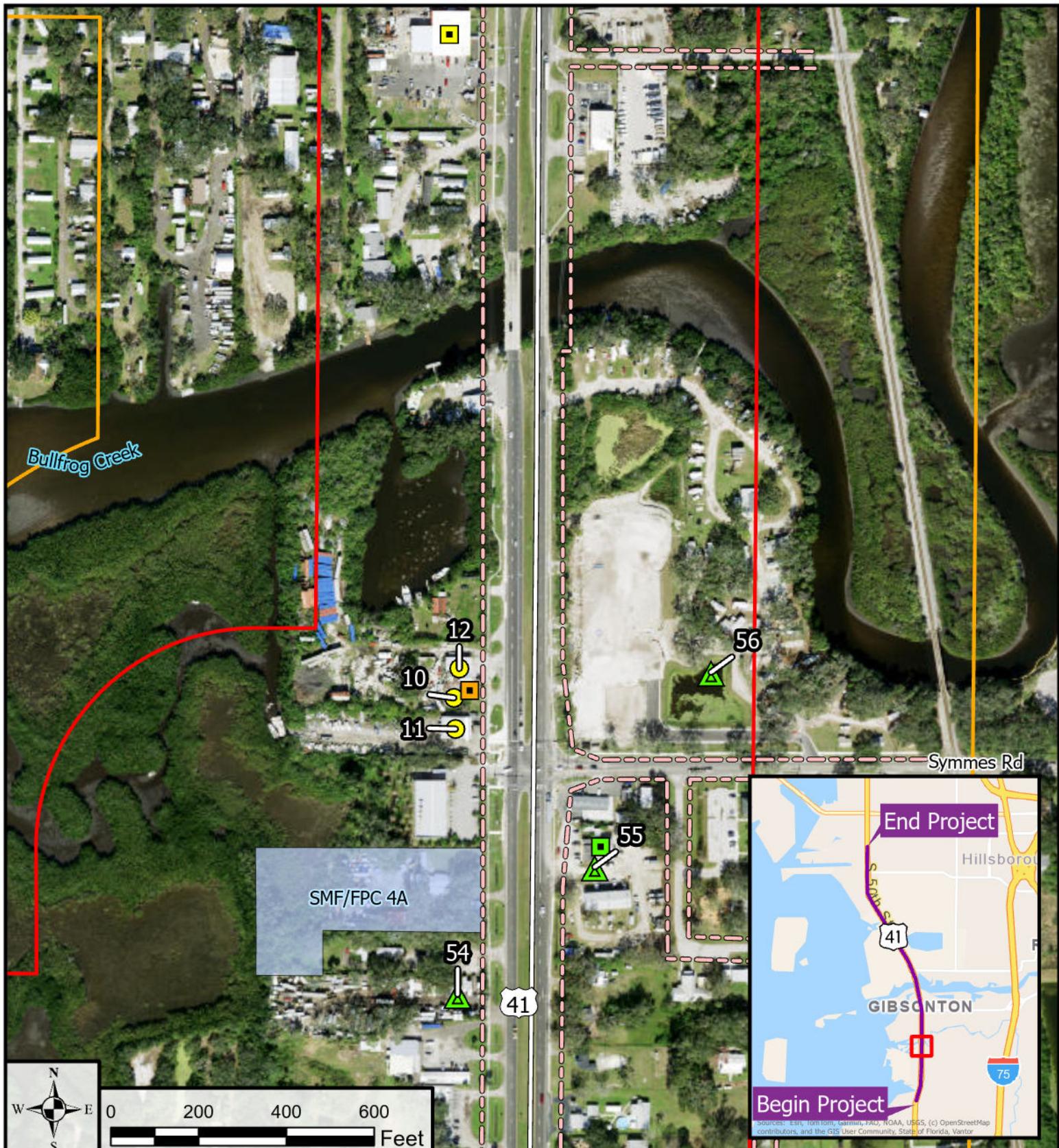
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Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Preferred Pond Site	High Risk	Low	High Risk
500 ft Buffer	Medium Risk	Medium	Medium Risk
1000 ft Buffer	Low Risk	Low	Low Risk
Half Mile Buffer	No Risk	No	No Risk

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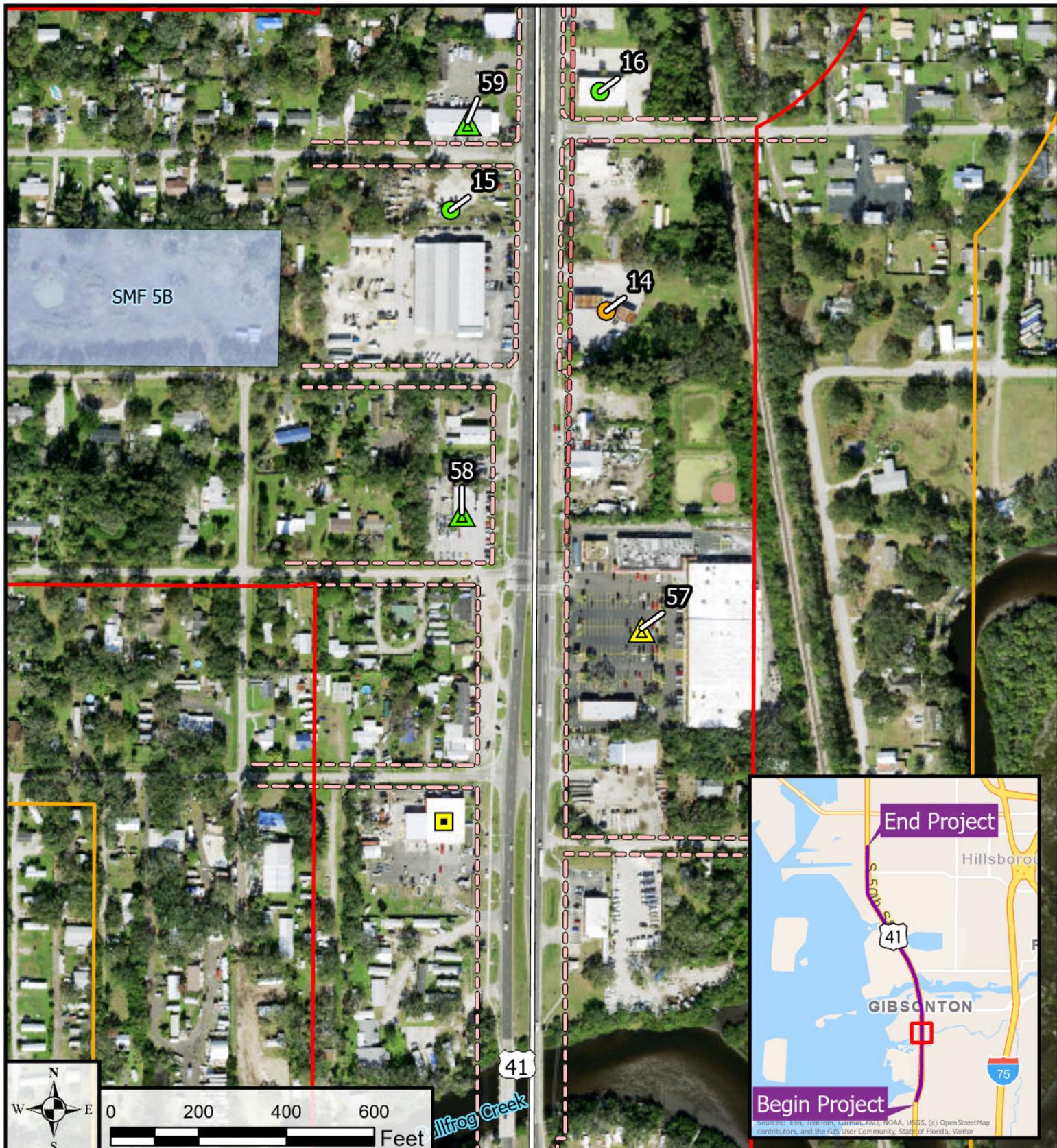
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To South Of Causeway Blvd
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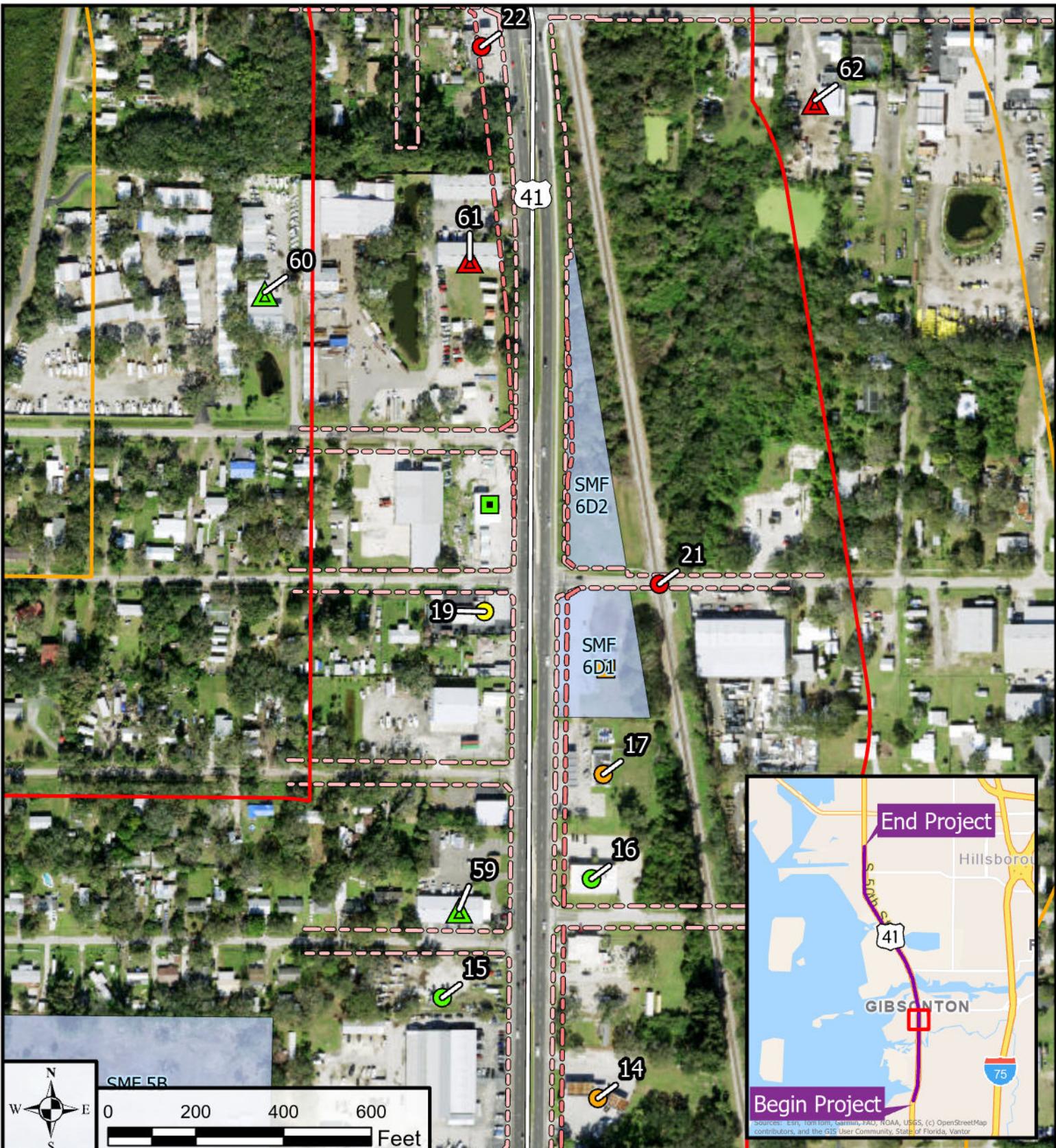
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To South Of Causeway Blvd
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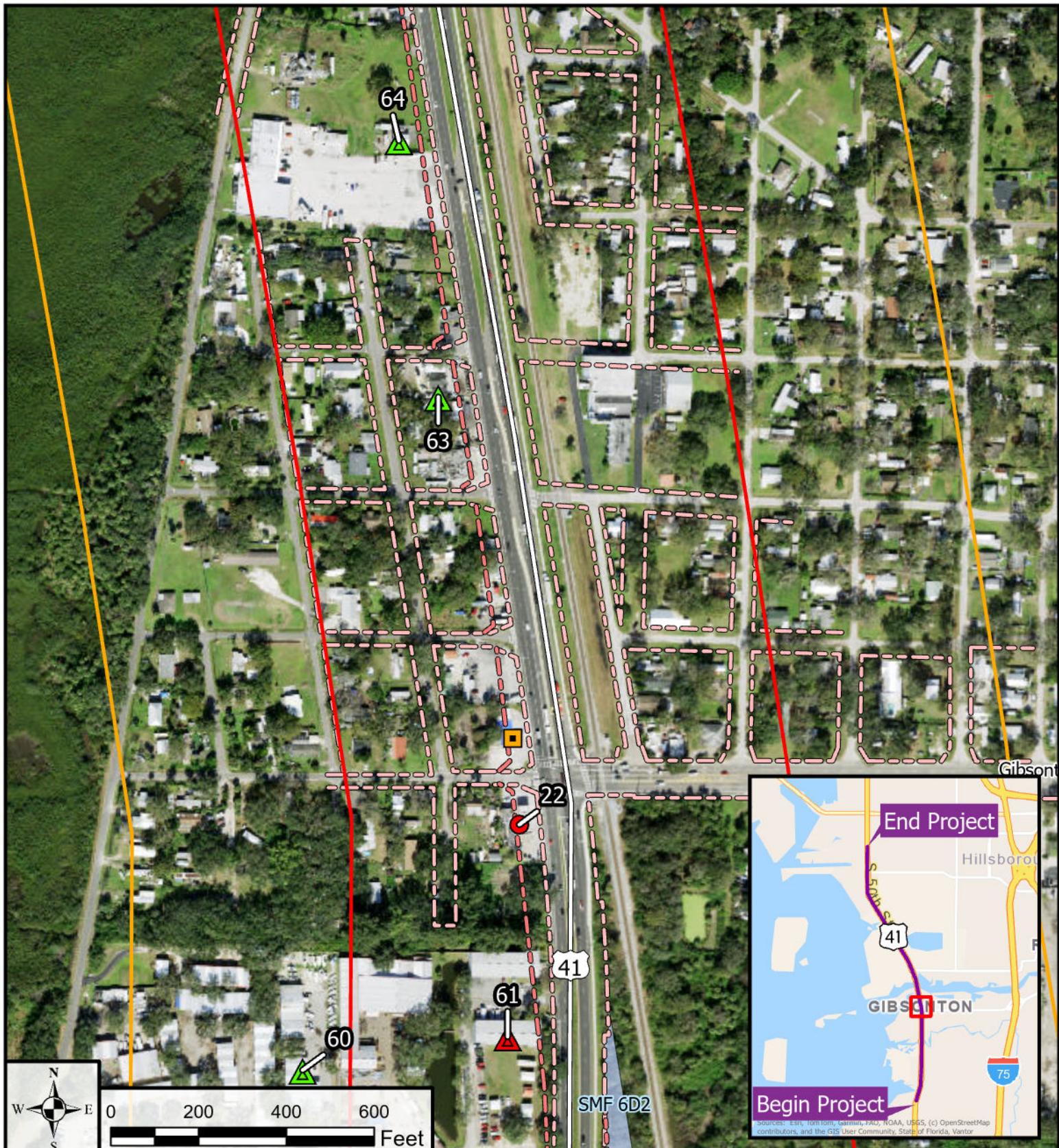
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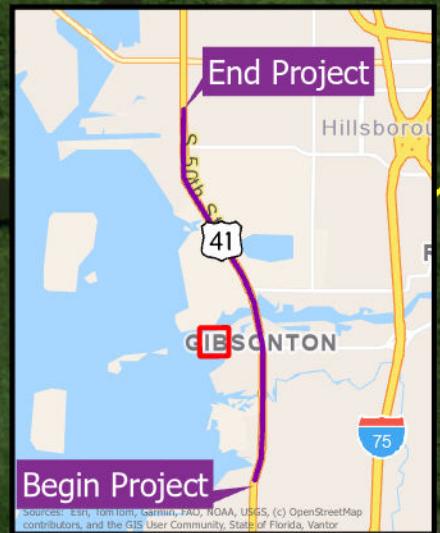
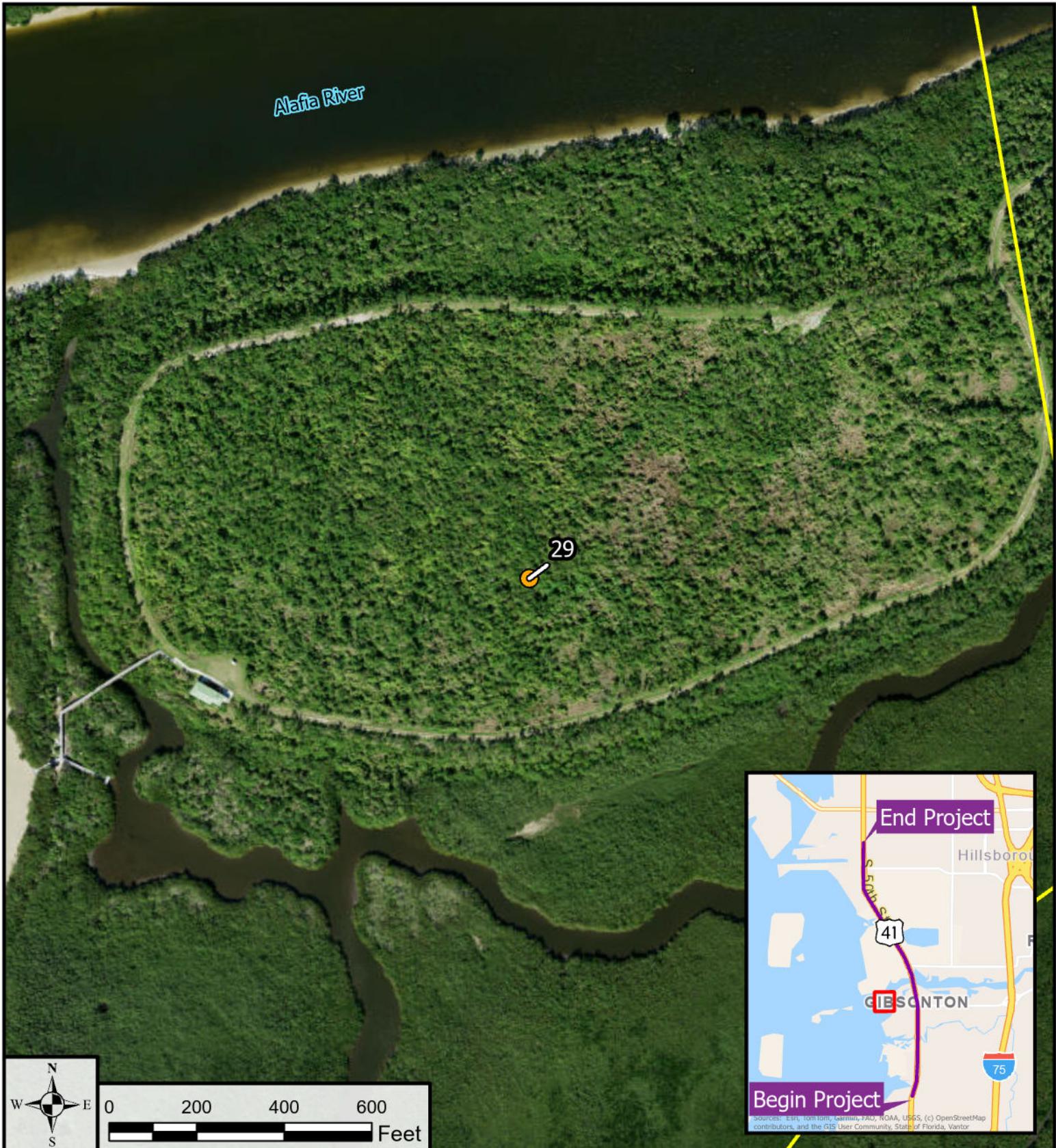
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Legend

Preferred Pond Site	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
500 ft Buffer	High Risk	Low	High Risk
1000 ft Buffer	Medium Risk	Medium	Medium Risk
Half Mile Buffer	Low Risk	No	Low Risk
	No Risk		No Risk

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0 200 400 600
Feet

Legend

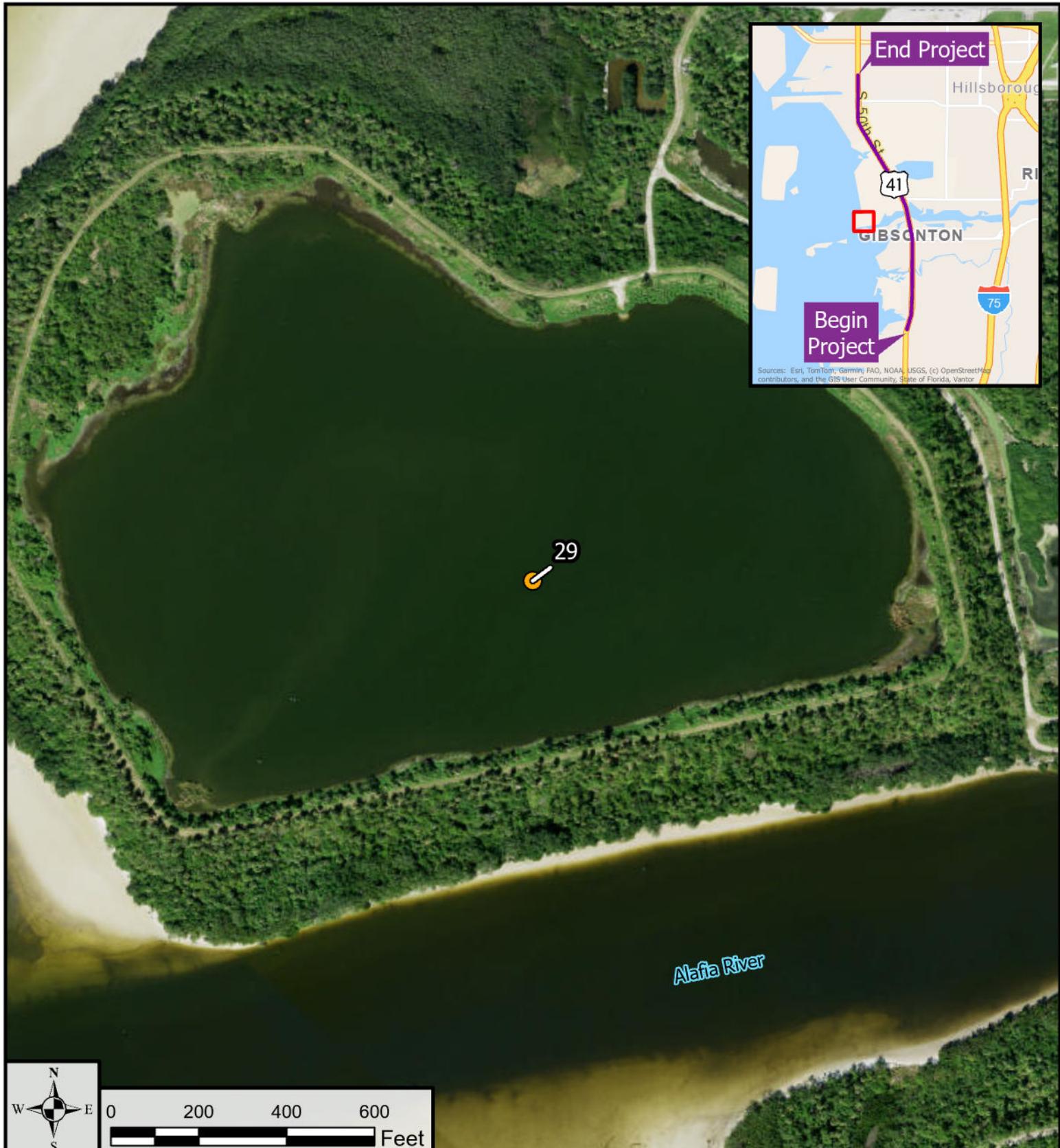
Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Proposed ROW	High Risk	Low	High Risk
Preferred Pond Site	Medium Risk	Medium	Medium Risk
	Low Risk	Low	Low Risk
	No Risk	No	No Risk

500 ft Buffer	1000 ft Buffer	Half Mile Buffer
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0 200 400 600
Feet

Legend

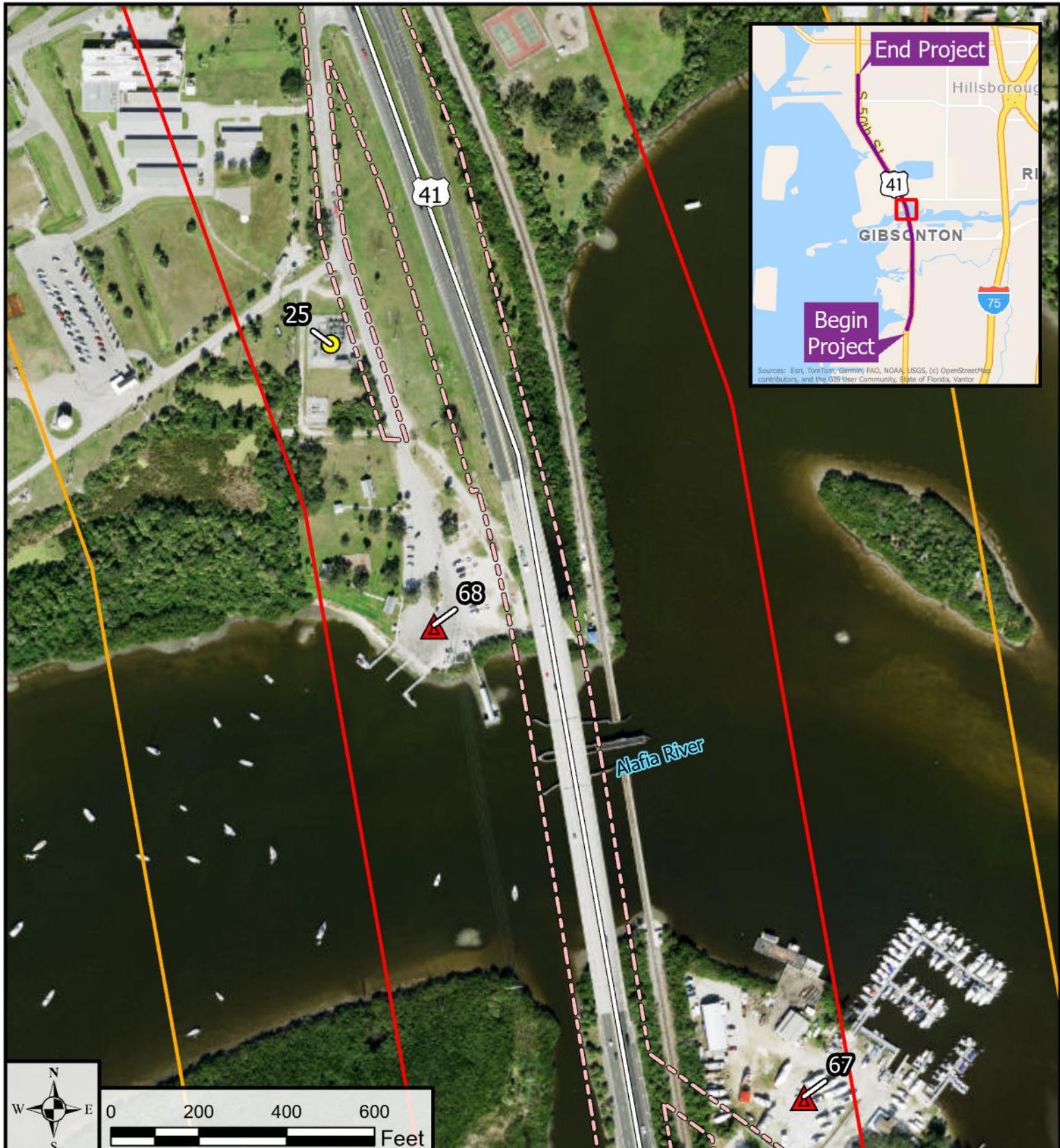
Preferred Pond Site 2017 CSER Rating 2017 Updated Rating 2024 Risk Rating

● High Risk	■ Low	▲ High Risk
● Medium Risk	■ Medium	▲ Medium Risk
● Low Risk	■ No	▲ Low Risk
● No Risk		▲ No Risk
		■ 500 ft Buffer
		■ 1000 ft Buffer
		■ Half Mile Buffer

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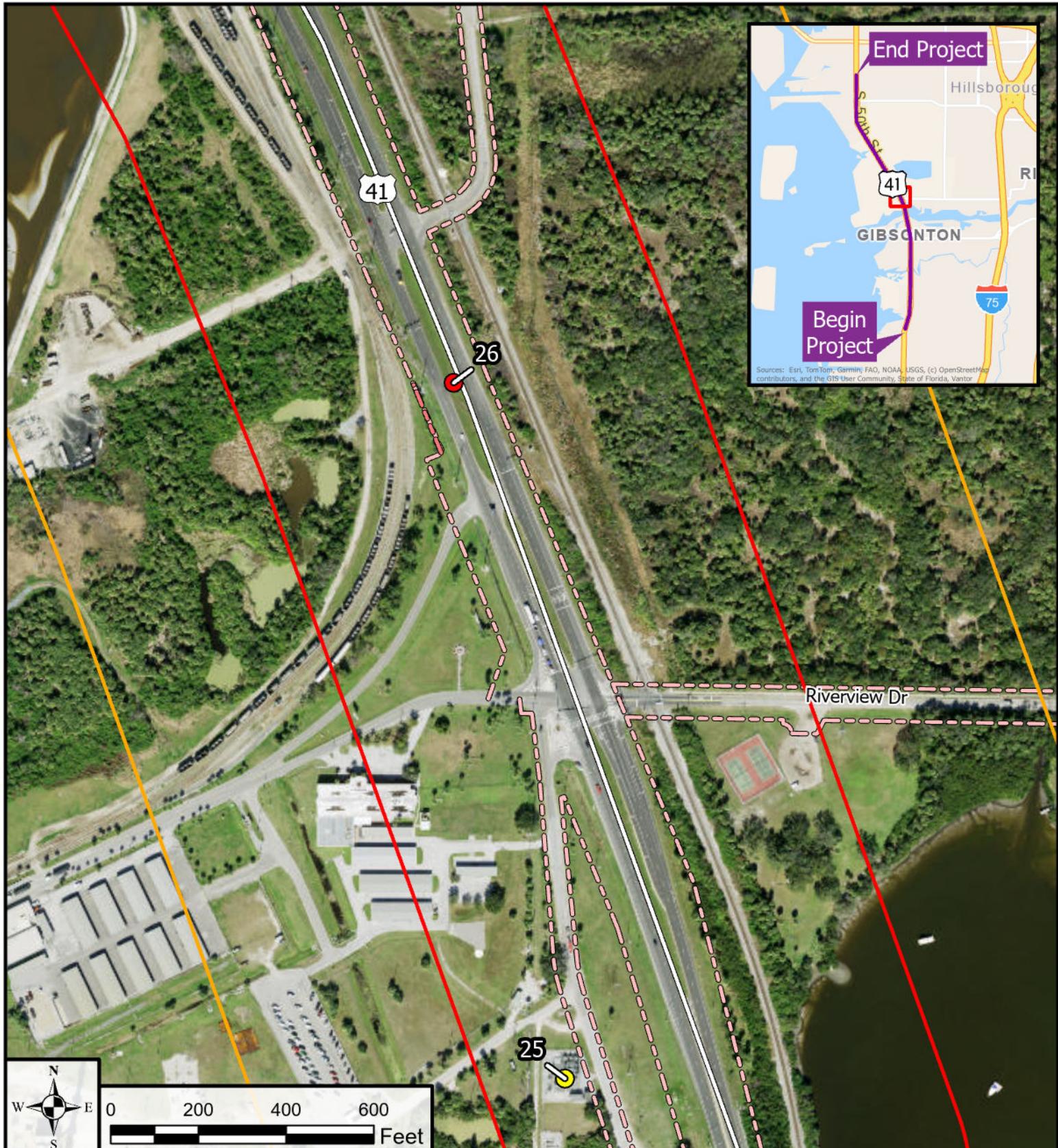
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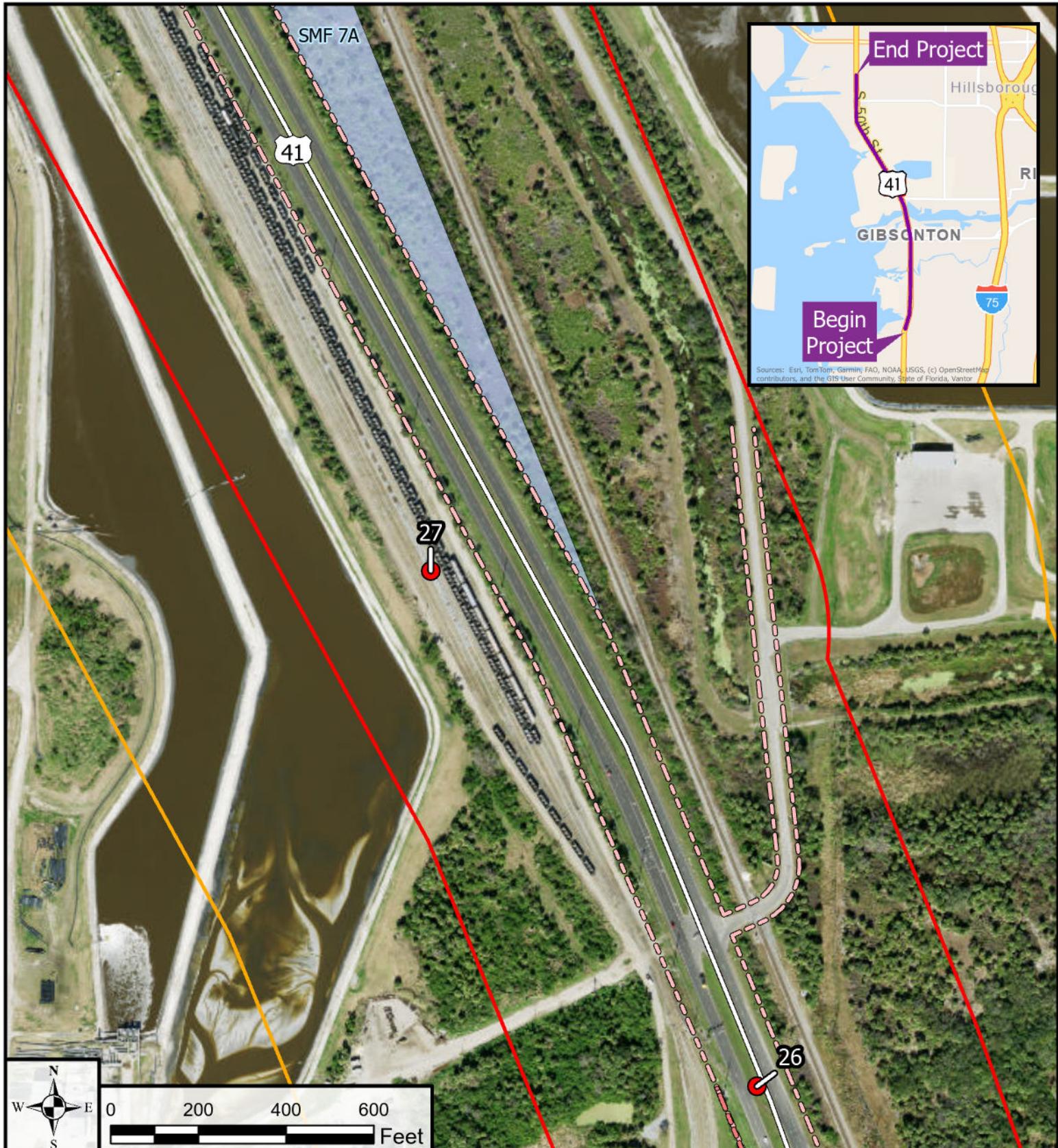
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Legend

Existing ROW

2017 CSER Rating 2017 Updated Rating 2024 Risk Rating

Proposed ROW

High Risk

Low

High Risk

Preferred Pond Site

Medium Risk

Medium

Medium Risk

Low Risk

Low

Low Risk

No Risk

No

No Risk

500 ft Buffer

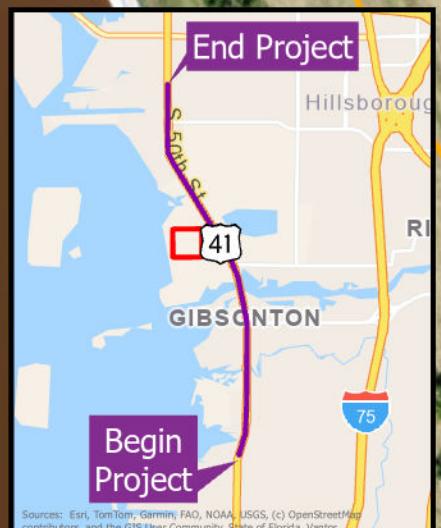
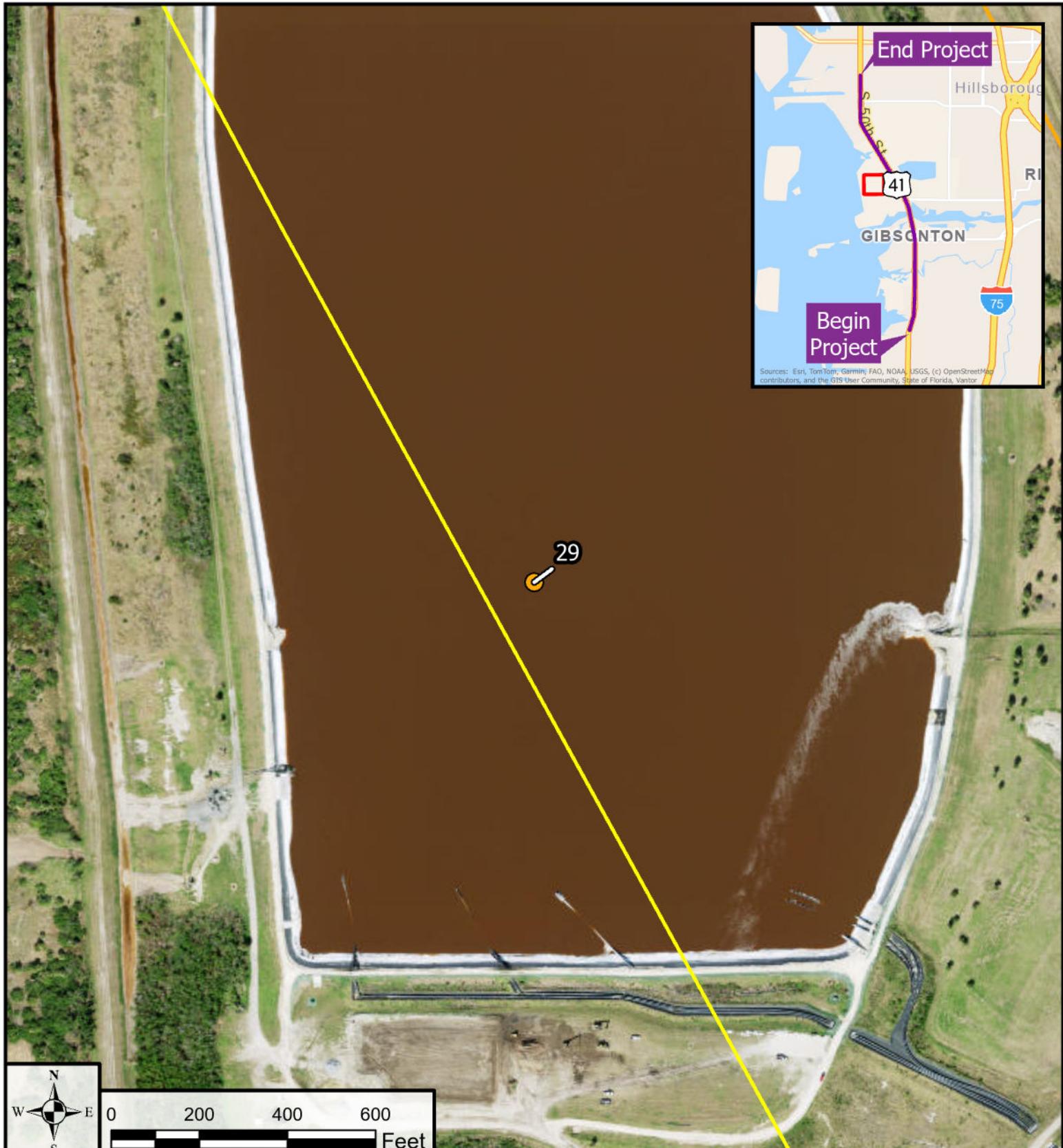
1000 ft Buffer

Half Mile Buffer

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Legend

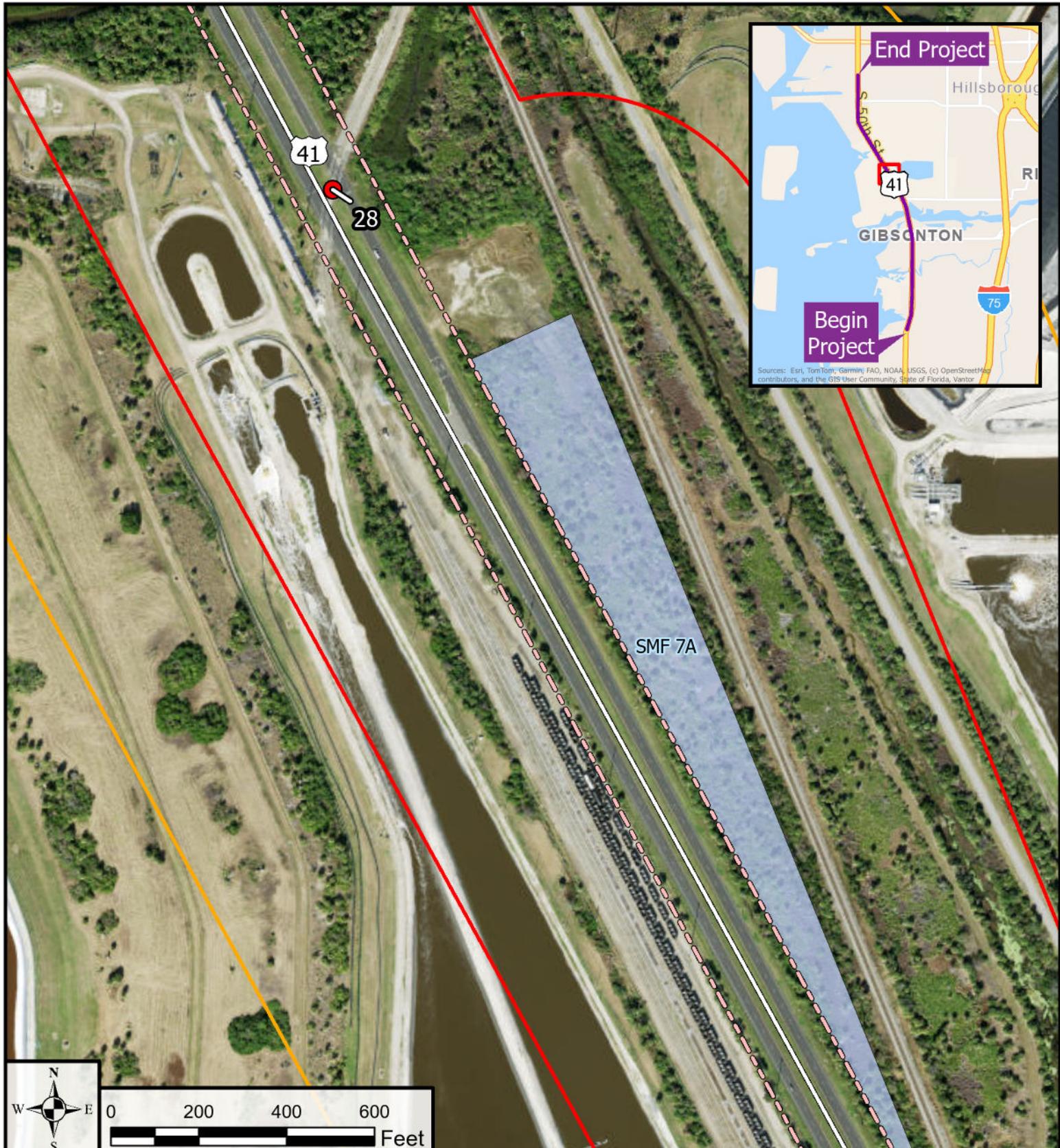
Preferred Pond Site 2017 CSER Rating 2017 Updated Rating 2024 Risk Rating

● High Risk	■ Low	▲ High Risk
● Medium Risk	■ Medium	▲ Medium Risk
● Low Risk	■ No	▲ Low Risk
● No Risk		▲ No Risk
		■ 500 ft Buffer
		■ 1000 ft Buffer
		■ Half Mile Buffer

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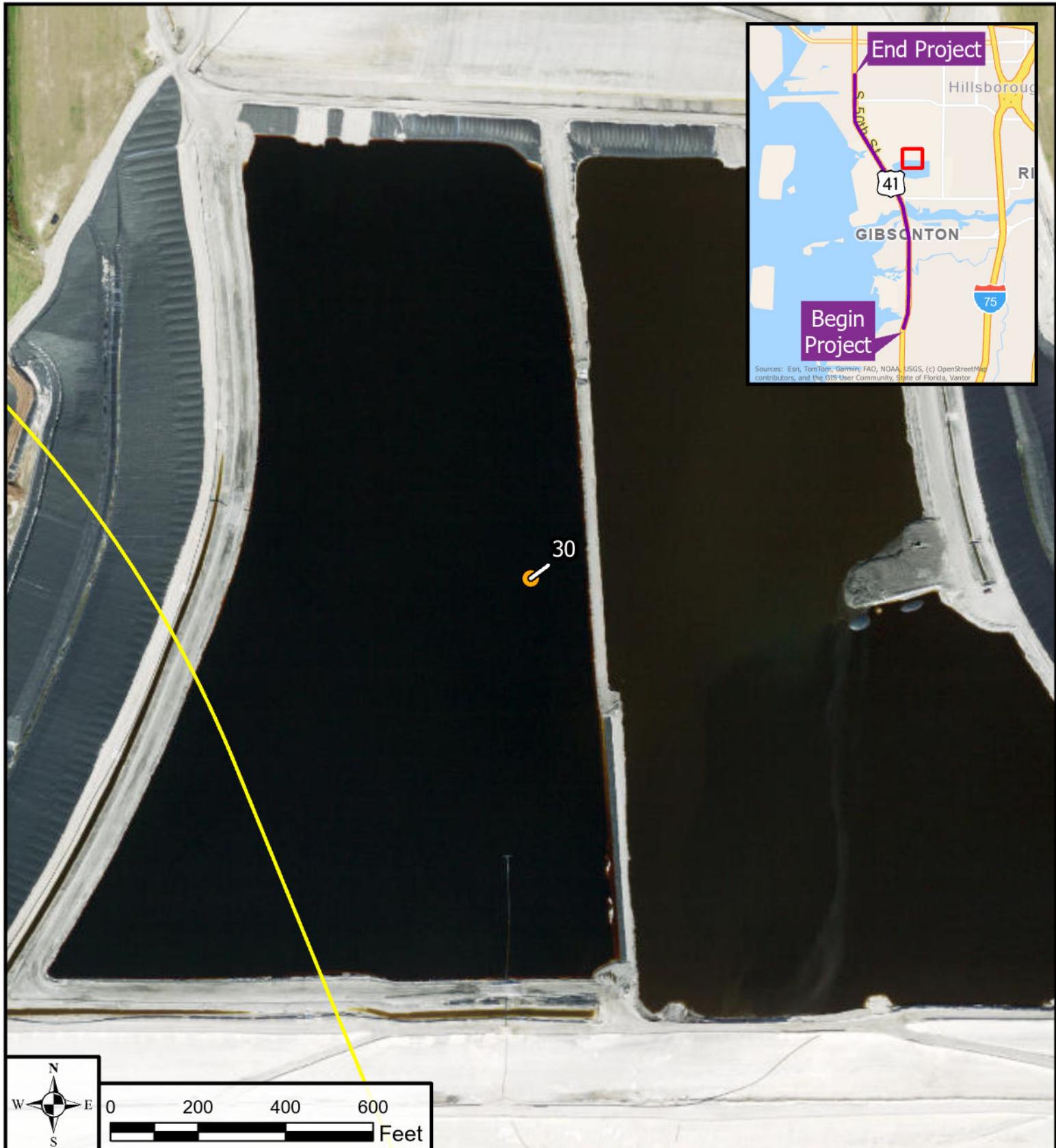
Legend

Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Preferred Pond Site	High Risk	Low	High Risk
	Medium Risk	Medium	Medium Risk
	Low Risk	No	Low Risk
	No Risk		No Risk
			500 ft Buffer
			1000 ft Buffer
			Half Mile Buffer

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Legend

Preferred Pond Site 2017 CSER Rating 2017 Updated Rating 2024 Risk Rating

● High Risk	■ Low	▲ High Risk	▲ Medium Risk
● Medium Risk	■ Medium	▲ Medium Risk	▲ Low Risk
● Low Risk	■ No	▲ Low Risk	▲ No Risk
● No Risk		■ 500 ft Buffer	■ 1000 ft Buffer
		■ Half Mile Buffer	

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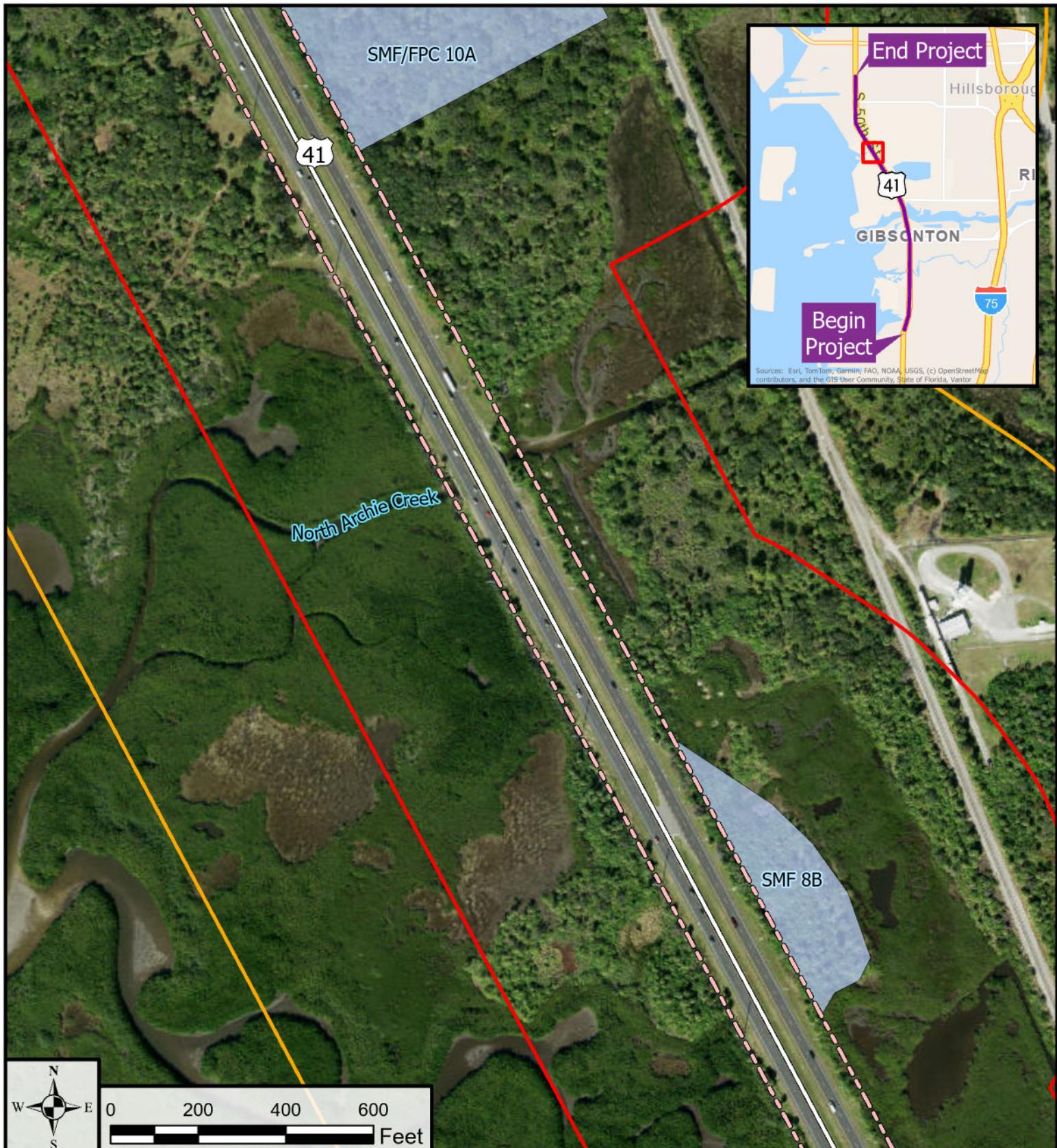
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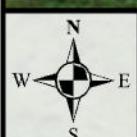
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Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Preferred Pond Site			
	● High Risk	■ Low	▲ High Risk
	○ Medium Risk	□ Medium	▲ Medium Risk
	○ Low Risk	■ No	▲ Low Risk
	● No Risk		▲ No Risk
			■ 500 ft Buffer
			■ 1000 ft Buffer
			■ Half Mile Buffer

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0 200 400 600
Feet

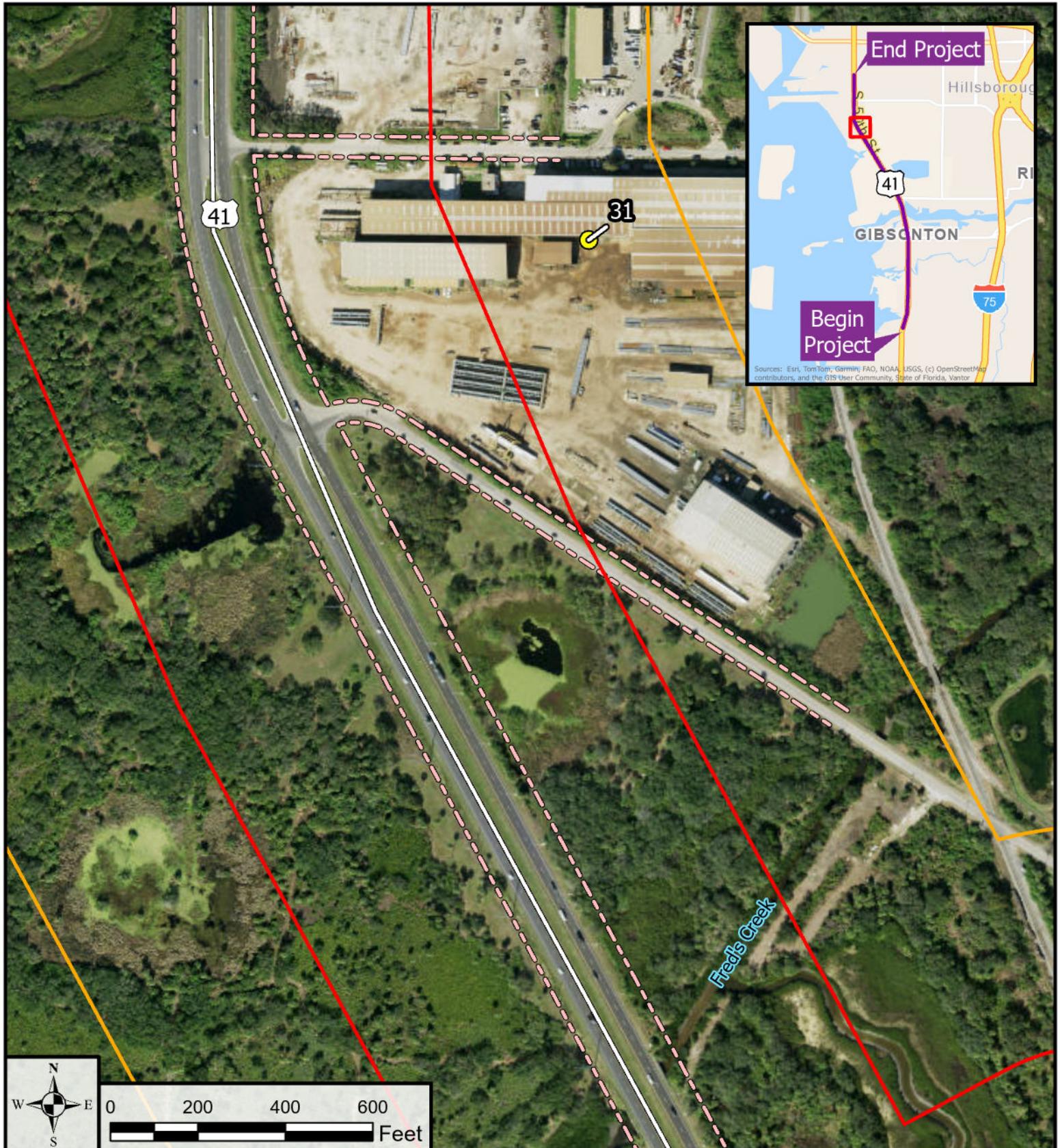
Legend

Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Preferred Pond Site	High Risk	Low	High Risk
	Medium Risk	Medium	Medium Risk
	Low Risk	No	Low Risk
	No Risk		No Risk
			500 ft Buffer
			1000 ft Buffer
			Half Mile Buffer

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0 200 400 600
Feet

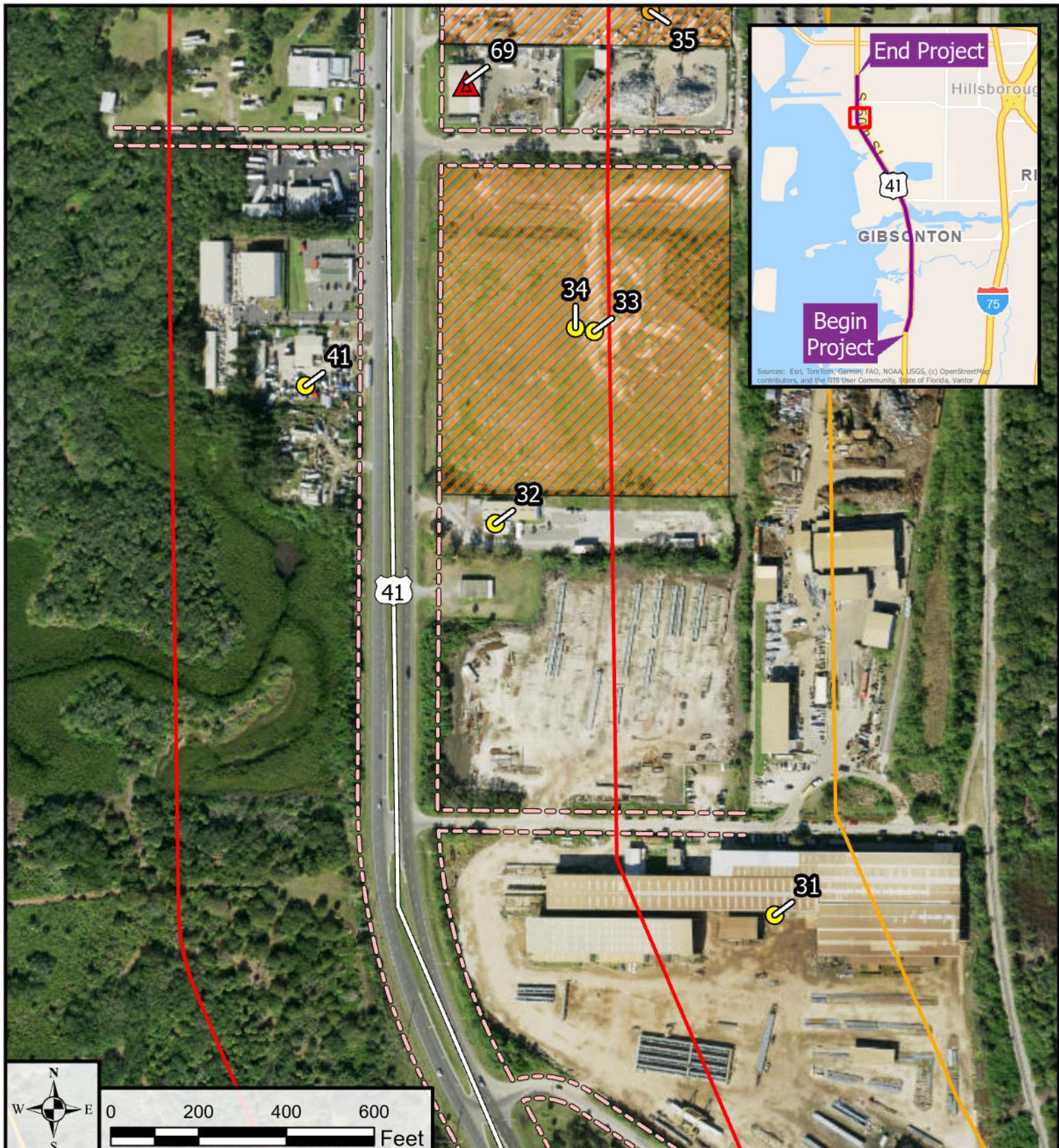
Legend

Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Preferred Pond Site			
	High Risk	Low	High Risk
	Medium Risk	Medium	Medium Risk
	Low Risk	No	Low Risk
	No Risk		No Risk
			500 ft Buffer
			1000 ft Buffer
			Half Mile Buffer

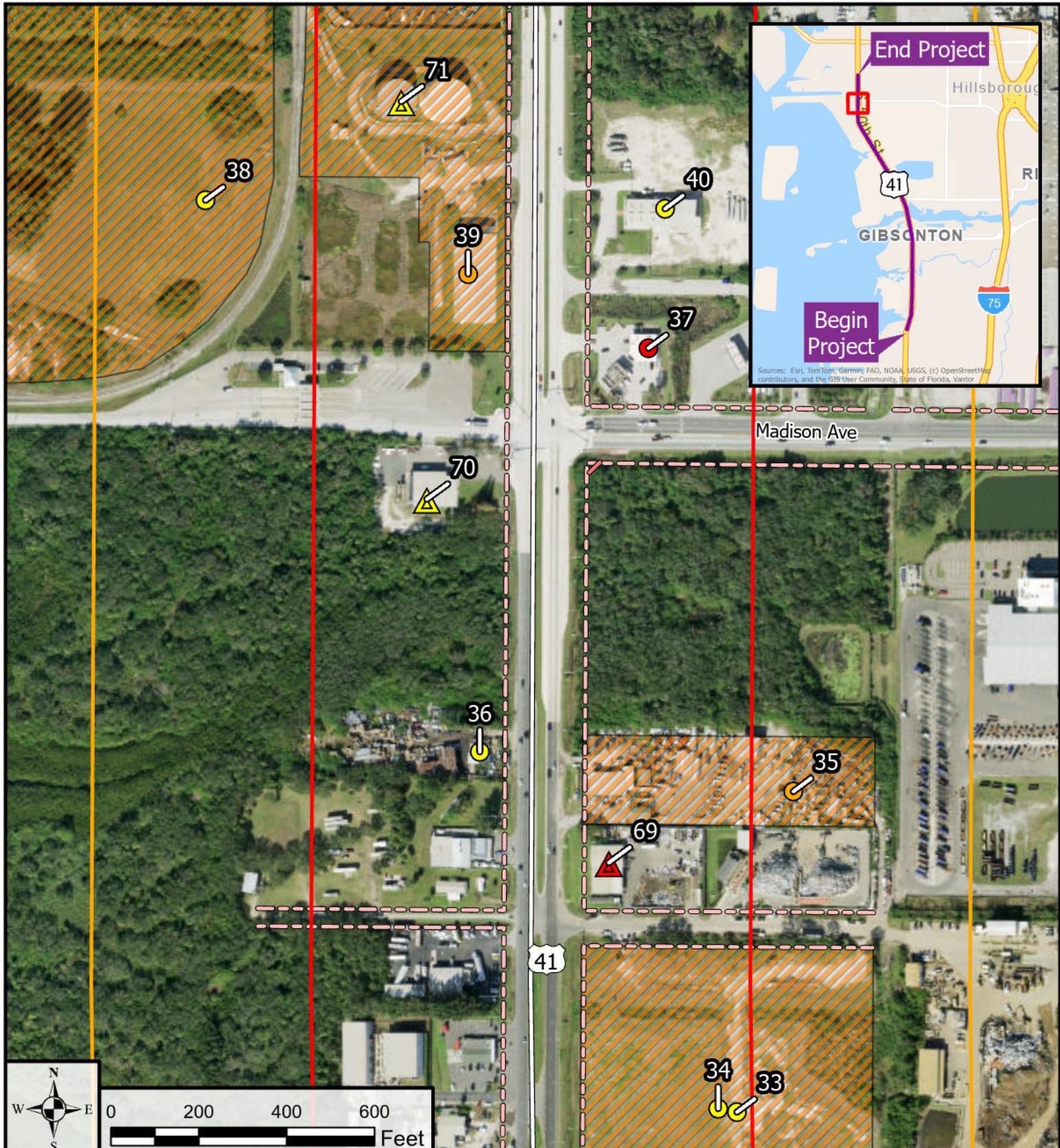
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Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GTS User Community, State of Florida, Vantor



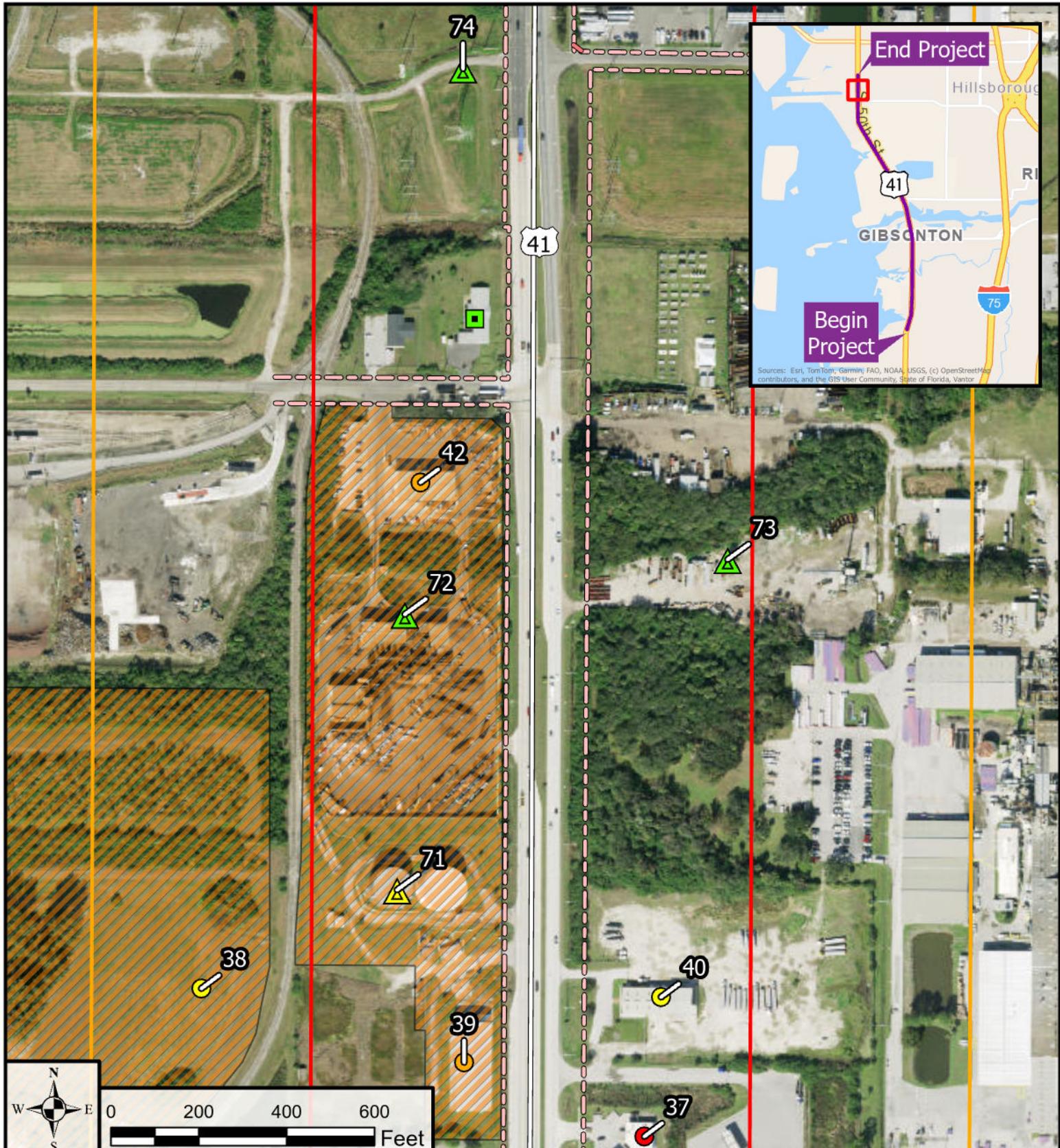
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Legend

Brownfield Area	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Existing ROW	High Risk	Low	High Risk
Proposed ROW	Medium Risk	Medium	Medium Risk
Preferred Pond Site	Low Risk	Low	Low Risk
	No Risk	No	No Risk
	500 ft Buffer	1000 ft Buffer	Half Mile Buffer



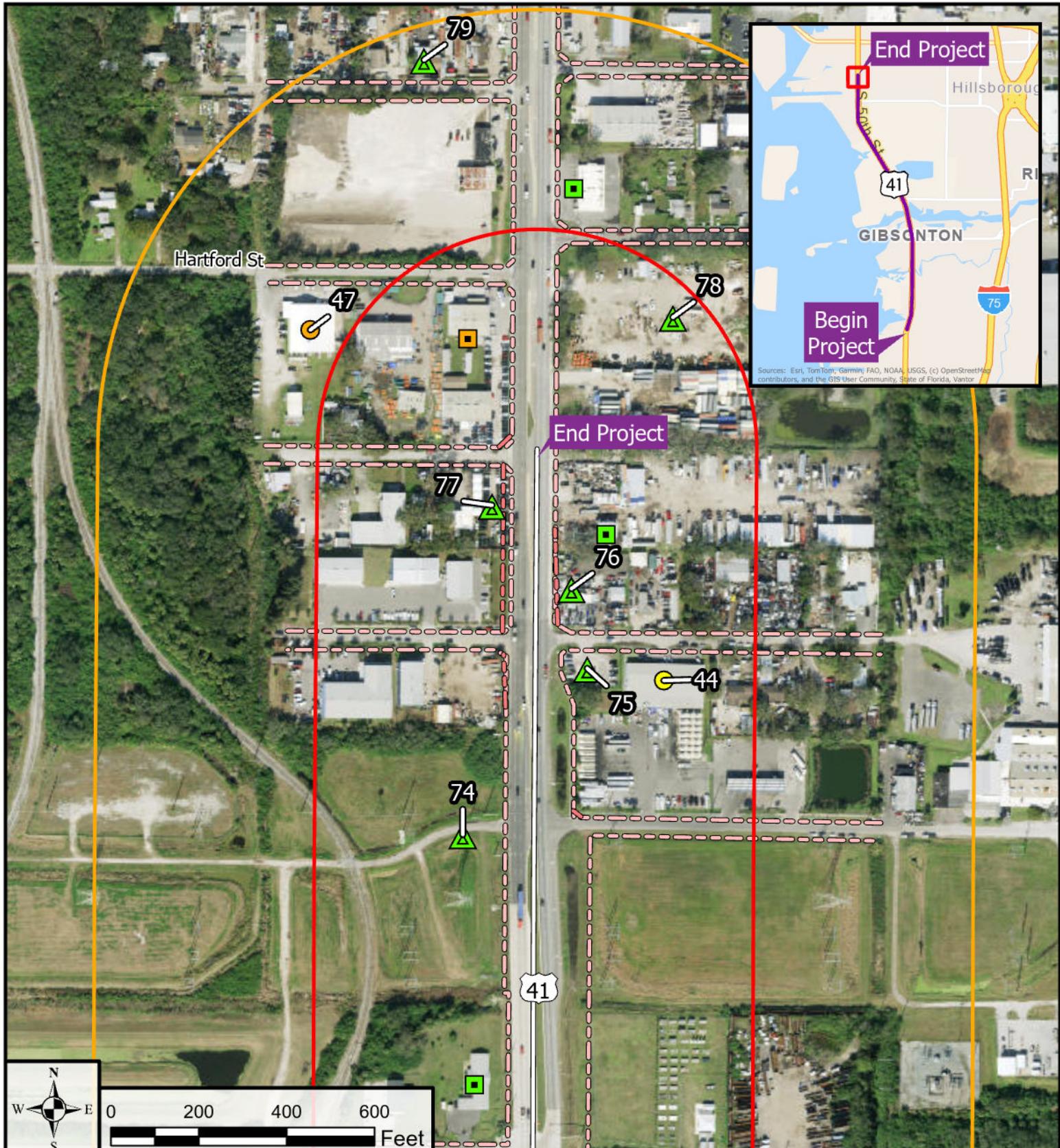
Legend

Brownfield Area	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Existing ROW	High Risk	Low	High Risk
Proposed ROW	Medium Risk	Medium	Medium Risk
Preferred Pond Site	Low Risk	Yellow	Low Risk
	No Risk	Green	No Risk
			500 ft Buffer
			1000 ft Buffer
			Half Mile Buffer

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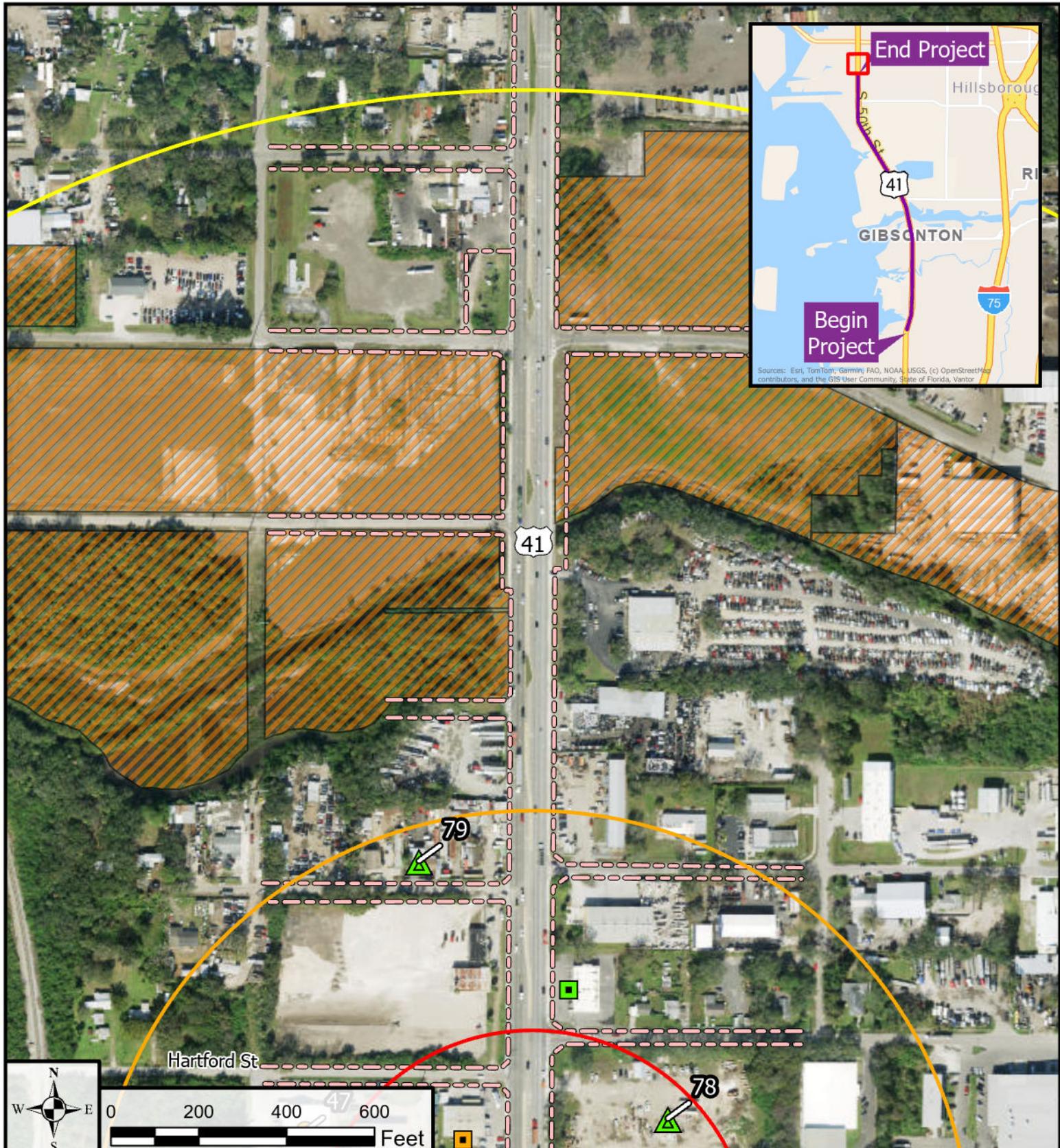
Legend

Existing ROW	2017 CSER Rating	2017 Updated Rating	2024 Risk Rating
Proposed ROW	High Risk	Low	High Risk
Preferred Pond Site	Medium Risk	Medium	Medium Risk
	Low Risk	Low	Low Risk
	No Risk	No	No Risk
			500 ft Buffer
			1000 ft Buffer
			Half Mile Buffer

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