

Hillsborough Avenue (US 92/SR 600)

Project Development and Environment (PD&E) Study

From 50th Street to West of Interstate 4

Hillsborough County, Florida

FINAL

Environmental Technical Compendium (ETC)

WPI Segment No.: 430054-1
FAP Number: Not Applicable
ETDM Project No.: 13312

Prepared for:



Florida Department of Transportation
District Seven
11201 North McKinley Drive
Tampa, FL 33612-6456

Manuel Santos, EI
FDOT Project Manager

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Prepared by:



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PREFACE

The purpose of this report is to document the existing conditions and the alternatives analysis that was conducted for the proposed Hillsborough Avenue project. This report is one of a series of interrelated reports:

- *State Environmental Impact Report (SEIR)*
- *Preliminary Engineering Analysis (PEA)*
- *Environmental Technical Compendium (ETC)*
- *Cultural Resource Assessment Survey (CRAS)*
- *Traffic Technical Memorandum*

The intent of this *Environmental Technical Compendium (ETC)* is to combine environmental documents into one report to avoid duplication of general project information (i.e. Project Description, Purpose and Need, Existing Conditions, Proposed Improvements, etc.). However, a separate *Endangered Species Biological Assessment Technical Memorandum* was prepared to submit to the appropriate regulatory agencies for review. This document can be found in **Appendix K** of this *ETC*.

This project was run through the Florida Department of Transportation's (FDOT) Efficient Transportation Decision Making (ETDM) process (project #13312). The following table provides the evaluation Degree of Effect and corresponding definitions used to evaluate the environmental impacts. As part of the screening process, the FDOT initiated the Advance Notification (AN) process with the Florida Clearinghouse using the Environmental Screening Tool (EST). The *Programming Screen Summary Report* can be found in **Appendix A**.

The Degree of Effect shown throughout this *ETC* for each environmental category is based on the ETDM Programming Screen. Supplemental information is provided based upon the environmental analysis performed as part of this study to substantiate the impact designation noted on the Summary of Environmental Impacts Checklist and herein.

Degree of Effect – ETDM Programming Screen

Color Code	Degree of Effect	Definition	
		ETAT	Public Involvement
Purple	Not Applicable/ No Involvement	There is no presence of the issue in relationship to the project, or the issue is irrelevant in relationship to the proposed transportation action.	
Light Blue	None (after 12/5/2005)	The issue is present, but the project will have no impact on the issue; project has no adverse effect on ETAT resources; permit issuance or consultation involves routine interaction with the agency. The <i>None</i> degree of effect level is new as of 12/5/2005.	No community opposition to the planned project. No adverse effect on the community
Blue	Enhanced	Project has positive effect on the ETAT resource or can reverse a previous adverse effect leading to environmental improvement.	Affected community supports the proposed project. Project has positive effect.
Green	Minimal (after 12/5/2005)	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Log-cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
Yellow	Moderate	Agency resources are affected by the proposed project, but avoidance and minimization options are available and can be addressed during development with a moderate amount of agency involvement and moderate cost impact.	Project has adverse effect on elements of the affected community. Public involvement is needed to seek alternatives more acceptable to the community. Moderate community interaction will be required during Project Development.
Orange	Substantial	The project has substantial adverse effects, but ETAT understands the project need and will be able to seek avoidance and minimization or mitigation options during Project Development. Substantial interaction will be required during Project Development and permitting.	Project has substantial adverse effects on the community and faces substantial community opposition. Intensive community interaction with focused Public Involvement will be required during Project Development to address community concerns.
Red	Dispute Resolution (Programming)	Project does not conform to agency statutory requirements and will not be permitted. Dispute resolution is required before the project proceeds to programming.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
	No ETAT Consensus	ETAT members from different agencies assigned a different degree of effect to this project, and the ETDM coordinator has not assigned a summary degree of effect.	
	No ETAT Reviews	No ETAT members have reviewed the corresponding issue for this project, and the ETDM coordinator has not assigned a summary degree of effect.	

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List of Acronyms

A

ACI	Archaeological Consultants, Inc.
APE	Area of Potential Effect
AST	Aboveground Storage Tank

B

BGEPA	Bald and Golden Eagle Protection Act
BMP	Best Management Practice

C

ca	circa
CAR	Contamination Assessment Report
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFA	Core Foraging Area
CFR	Code of Federal Regulations
CO	carbon monoxide
CRAS	Cultural Resource Assessment Survey

D

dB	decibels
dB(A)	decibels A-weighted scale

E

EDI	Early Detection Incentive
EPA	Environmental Protection Agency
EPC	Environmental Protection Commission
EPCHC	Environmental Protection Commission of Hillsborough County
ERNS	Emergency Response Notification System
ERP	Environmental Resource Permit
EST	Environmental Screening Tool
ETDM	Efficient Transportation Decision Making

F

FAC	Florida Administrative Code
FDCA	Florida Department of Community Affairs
FDEP	Florida Department of Environmental Protection
FDHR	Florida Division of Historical Resources
FDOT	Florida Department of Transportation
FEMA	Federal Emergency Management Agency

F (Continued)

FFWCC	Florida Fish and Wildlife Conservation Commission
FHWA	Federal Highway Administration
FLUCCS	Florida Land Use, Cover and Forms Classification System
FMSF	Florida Master Site File
FS	Florida Statutes
FSL	Florida Sites List

G

GIS	Geographic Information Systems
-----	--------------------------------

I

ID	Identification
IRA	Interim Remediation Action

L

Leq(h)	equivalent level
LUST	Leaking Underground Storage Tanks

M

MBTA	Migratory Bird Treaty Act
------	---------------------------

N

NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NFRAP	Comprehensive Environmental Response, Compensation, and Liability Information System Archived Sites
NMFS	National Marine Fisheries Service
NPL	National Priorities List
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory

O

OSW	Other Surface Waters
-----	----------------------

P

PD&E	Project Development and Environment
PEA	Preliminary Engineering Assessment
ppm	parts per million

R

RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
RCRAGN	Resource Conservation and Recovery Act Generator
ROW	Right of Way

S

SHPO	State Historic Preservation Officer
SMF	Stormwater Management Facilities
SRCO	Site Rehabilitation Completion Order
SSC	Species of Special Concern
STI	Stationary Tank Inventory
SWF	Solid Waste Facilities
SWFWMD	Southwest Florida Water Management District

T

TNM	Traffic Noise Model
TPA	Tampa Port Authority

U

USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank

INTRODUCTION

Hillsborough Avenue (Roadway ID No. 10-030-000) is an east/west facility, which in its entirety, extends from a western terminus at US 19 in Pinellas County to an eastern terminus east of Orient Road with a direct connection to Interstate 4 (I-4). Within the limits of this project, Hillsborough Avenue is designated as US 92/SR 600. **Figure A** shows an aerial location map of the study area.

Project Description

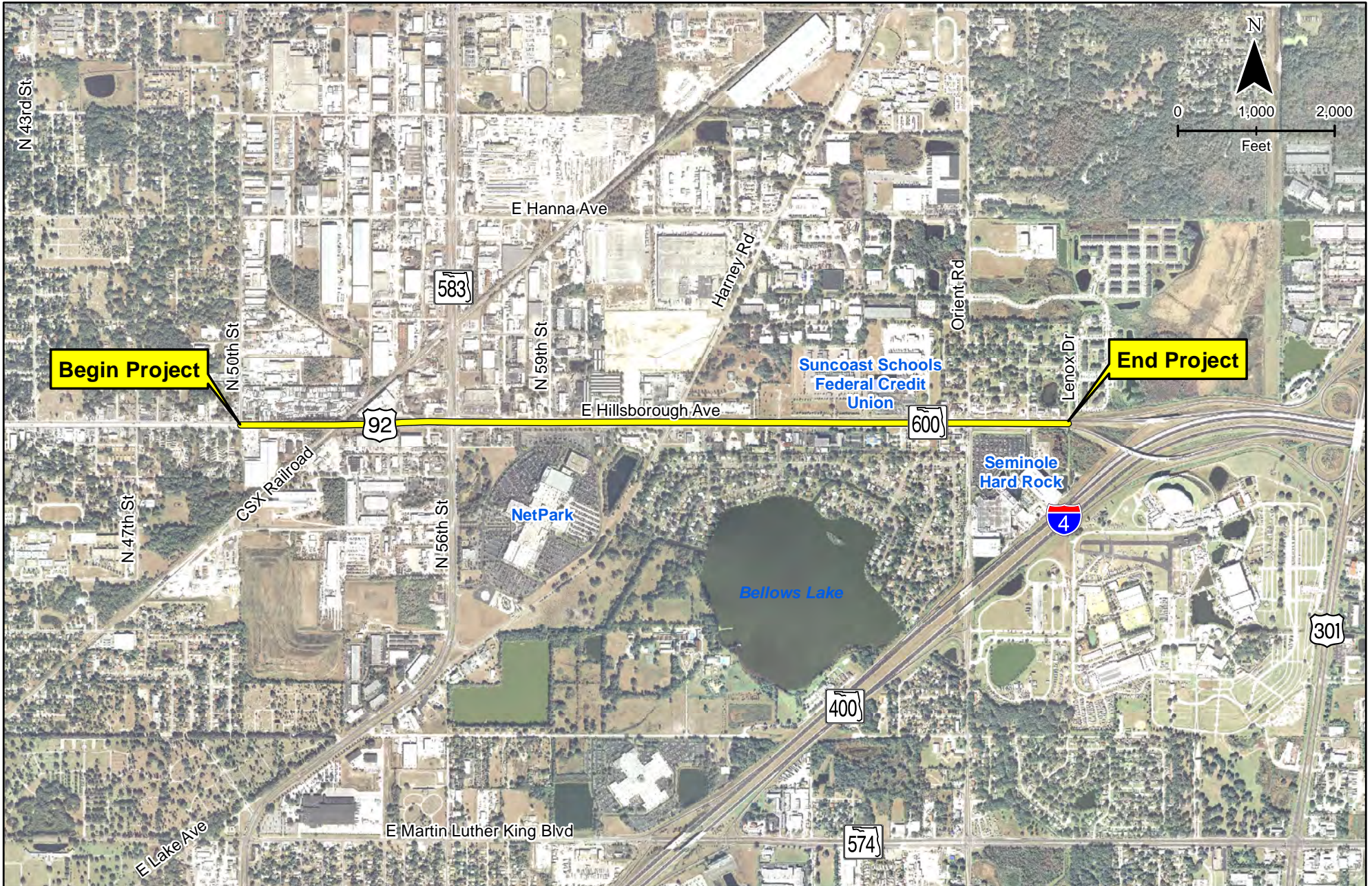
The Florida Department of Transportation (FDOT) conducted a Project Development and Environment (PD&E) Study to evaluate the widening of approximately 2 miles along Hillsborough Avenue from 50th Street to the west of the I-4. Hillsborough Avenue is a major east-west arterial in central Hillsborough County that connects US 301 and I-4 and provides access to many commercial, industrial and residential areas within central Hillsborough County. The roadway is to be improved from an existing 4-lane divided to a 6-lane divided roadway.

The sections, townships, and ranges where the project is located are summarized in **Table A**.

Table A Sections, Townships, Ranges

Sections	Townships	Ranges
Hillsborough County		
33, 34, 35, 36	28 S	19 E
01, 02, 03, 04	29 S	19E

The purpose of this report along with other support documents is to document the engineering and environmental analysis performed to support decisions related to project alternatives. In addition, it summarizes existing conditions, documents the purpose and need for the project, and documents other data related to preliminary design concepts. These preliminary design concepts establish the functional or conceptual requirements that will be the starting point for the final design phase.



Hillsborough Avenue (SR 600/US 92) Corridor Study

From 50th Street to West of Interstate 4 (I-4)

WPI Segment No. 430054-1

Hillsborough County

Project Location Map

Figure A

Study Purpose and PD&E Process

The objective of the PD&E study process is to provide the documentation necessary to reach a decision on the type, conceptual design, and specific location of the improvements identified as being needed. Factors considered include transportation needs, socioeconomic and environmental impacts, and engineering requirements. In general terms, the process involves the following steps:

- (1) the establishment of project need
- (2) the gathering and analysis of detailed information regarding the natural and cultural features of the study area
- (3) the development of a number of alternatives for meeting the project need
- (4) the selection of a Recommended Alternative, and
- (5) documenting the entire process in a series of reports

During the process, communication with the affected public was accomplished directly, through public meetings, and indirectly, through interaction with elected officials and agency representatives.

The FDOT's Efficient Transportation Decision Making (ETDM) process provides agencies and the public access to project planning information, as well as potentially affected environmental resources through use of the internet via the Environmental Screening Tool (EST). The tool allows interaction among transportation planners, regulatory agencies and affected communities to provide input on projects. The agency representatives involved in the interaction are referred to as the Environmental Technical Advisory Team, or ETAT members. The team provides a review of the projects on a variety of areas such as environmental and community impacts. Key features of the ETDM Process include:

- early agency and community involvement
- early identification of avoidance and mitigation strategies
- access to comprehensive data in standardized formats
- reviews and studies focused on key issues
- permit issuance linked to National Environmental Policy Act (NEPA) reviews
- maximized use of technology for coordination, project scoping and communication

ETDM provides the ability for early agency interaction and coordination during project development, which can improve the quality of decisions and reduce cost and time delays during the PD&E Study.

Project Purpose and Need

The purpose and need for this project includes the following items:

- To provide **additional highway capacity** along Hillsborough Avenue to meet future travel demands.
- To **safely accommodate** future vehicle traffic as well as non-motorized users.
- To provide improved **hurricane/emergency evacuation** for portions of Hillsborough County.
- To provide improvements **consistent with local transportation plans** while obtaining **community support** and **minimizing community impacts**.
- To develop a transportation solution that is **financially feasible** for FDOT to build, operate, and maintain.

Additional factors are discussed below.

The Regional Network and FIHS/SIS Requirements

The Hillsborough Avenue project would provide an important link in the regional transportation network. Hillsborough Avenue is a major east-west facility within Hillsborough County that connects I-4 and US 301. With this improvement there will be 6-lanes of capacity along Hillsborough Avenue from US 19 in Pinellas County to I-4 in Hillsborough County. East of I-4, this roadway is a 2-lane facility that connects to eastern Hillsborough County and into Polk County.

Hillsborough Avenue is functionally classified as an “urban principal arterial – other”. While Hillsborough Avenue is not on the Strategic Intermodal System (SIS), it terminates east of Orient Road with a direct connection to I-4 which connects to I-75 and I-275, both of which are SIS facilities. The SIS is a statewide network of highways, railways, waterways and transportation hubs that handle the bulk of Florida’s passenger and freight traffic.

Transportation Demand and Levels of Service

There are five signalized intersections located within the study limits, all of which have at least one approach operating at Level of Service (LOS) E or F during the existing design hour. In 2010, Hillsborough Avenue, from 50th Street to west of I-4, carried between 36,200 and 41,900 vehicles per day (vpd). This segment of Hillsborough Avenue is projected to carry volumes between 67,600 and 79,600 vpd by 2040, which would yield a failing LOS. Without this proposed project, the traffic congestion is expected to become more severe and could hinder economic growth in the areas served by this corridor.

Emergency Evacuation

Hillsborough Avenue is designated as an emergency evacuation route by Hillsborough County Emergency Management. This roadway connects to major highways including I-4, US 301, and I-

275. As Hillsborough County’s population grows, this existing route’s capability to provide a satisfactory LOS for emergency evacuation will continue to decrease.

Multimodal Service

Currently, there are no designated bicycle facilities located within the study limits; however, there are existing paved shoulders that bicyclists can use. Bicycle and pedestrian facilities are planned for the proposed project and are being evaluated as part of this PD&E Study. The Hillsborough Area Regional Transit (HART) currently has four bus routes that run along Hillsborough Avenue and three bus routes that intersect Hillsborough Avenue within the study limits. There is an existing bus transfer facility at the Netpark Transfer Center located approximately 0.5 mile south of Hillsborough Avenue along 56th Street near Harney Road. HART is presently studying a potential East-West Metro Rapid Line (Bus Rapid Transit), a portion of which is planned to run along Hillsborough Avenue from I-275 (west of the project) to 56th Street.

Safety

There were 726 crashes reported between 50th Street and I-4 on Hillsborough Avenue during the 5-year period of 2005-2009. Rear-end crashes accounted for 50 percent of the total crashes, angle crashes accounted for 22 percent, sideswipe crashes accounted for 7 percent, left-turn crashes accounted for 6 percent, and the remaining 15 percent of the crashes were the result of other miscellaneous traffic movements. It is anticipated that safety will be enhanced due to capacity improvements as well as related intersection improvements. The proposed improvements would reduce congestion and improve congestion-related safety issues.

Consistency with Transportation Plans

This project is included in the Hillsborough County Metropolitan Planning Organization’s (MPO’s) Year 2035 Long-Range Transportation Plan (LRTP) in the Cost Affordable Plan. The West Central Florida MPO Chair’s Coordinating Committee (CCC) Hillsborough Avenue is in the Cost Affordable 2025 Plan classified as a “regional road” in west central Florida.

Table B Hillsborough MPO LRTP Cost Affordable Plan

Phase	Time Period
PD&E/Preliminary Engineering	2016-2020
Right of Way	2021-2025
Construction	2026-2030

Existing Conditions

Hillsborough Avenue currently has a 4-lane divided rural typical section; the predominant typical section is shown in **Figure B**. The existing roadway has 12-foot travel lanes, 5-foot paved outside shoulders and a 40-foot grassed median from west of 56th Street to the western terminus of I-4 ramps. The posted speed limit is 45 miles per hour (mph), except for a short segment from east of Harney Road to the western terminus of the I-4 ramps, which is posted at 50 mph. The existing right-of-way (ROW) width varies from 104 to 240 feet, with 200 feet being the most typical width. There are five signalized intersections included within the study limits: Hillsborough Avenue at 56th Street (SR 583), Net Park Driveway, Harney Road, Suncoast Schools Federal Credit Union/Averitt Express Driveway, and Orient Road.

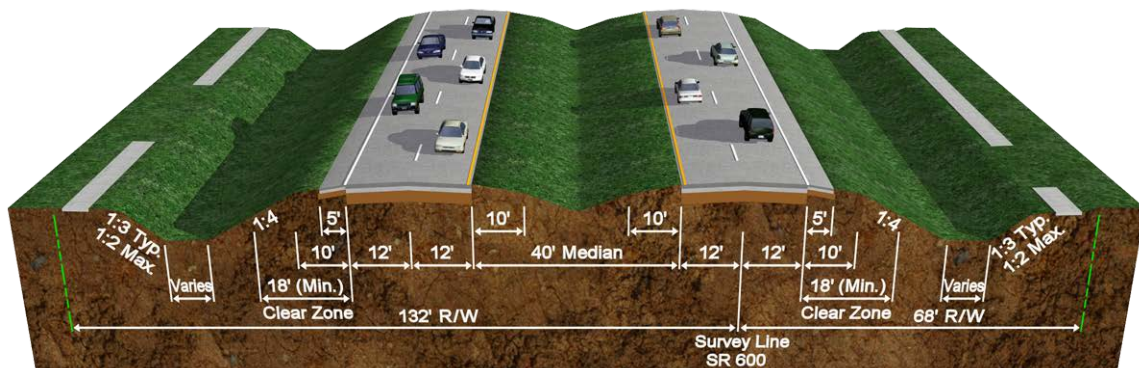


Figure B Existing Roadway Typical Section

Sidewalks are nearly continuous on the north side, and new sidewalk is being constructed on the south side as part of a 3R (resurfacing) project to be let in late 2012 (FPID nos. 427149-1-52-01 and 427169-1-52-01). This 3R project will also complete the sidewalk gaps on the north side. The existing typical sections do not include bicycle lanes; however, 5-foot paved shoulders are available for use by bicyclists in most areas. In addition, the planned 3R project includes construction of “keyhole” bicycle lanes between right-turn lanes and thru lanes to provide for bicycle lane continuity.

There is one bridge structure (Bridge No. 100021) located within the study limits: the Hillsborough Avenue Bridge over the CSX Railroad, between 50th and 56th Streets. The bridge typical section is shown in **Figure C**. The existing bridge consists of a poured-in-place concrete deck supported by steel I-beams on prestressed concrete pile bents. This bridge was originally constructed in 1936 with a 55-foot main span and two 54-foot-3-inch approach spans. This bridge was widened in 1954 to provide dual 26-foot clear roadway sections separated by a raised 4-foot wide concrete separator, with 3-foot wide sidewalks with 1-foot-1-inch concrete post and rail barriers. The latest bridge inspection report gave a sufficiency rating of 86.6, a health index of 96.63 and a classification of “functionally obsolete”. The existing bridge is recommended for replacement instead of widening due to its substandard horizontal and vertical clearances, age of the structure, existing deficiencies and long-term maintenance costs.

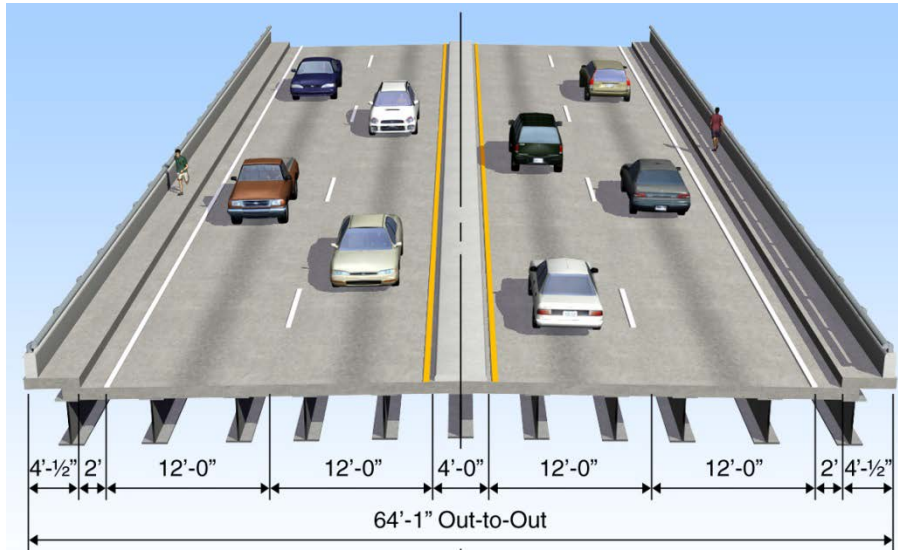


Figure C Existing Bridge Typical Section

With respect to existing drainage conditions, the existing conveyance system is an open system of roadside and median ditches and swales. There are also segments of closed storm drain that discharge to the roadside ditches. There are no permitted storm water management facilities (SMFs) associated with the existing roadway.

Proposed Improvements

The “Build” Alternative includes widening the existing roadway to six lanes, as well as intersection improvements (adding auxiliary turn lanes) at 56th Street, Net Park Driveway, Harney Road, and Orient Road and construction of storm water management facilities. Modifications to the medians are also proposed at three locations to improve safety and traffic operations. A preliminary recommended roadway typical section is shown in **Figure D**. A “No-Build” Alternative is also being considered. The proposed project is not funded in FDOT’s current Adopted 5-year Work Program. Alternative bridge typical sections for the bridge over the CSX railroad are shown in **Figure E**.

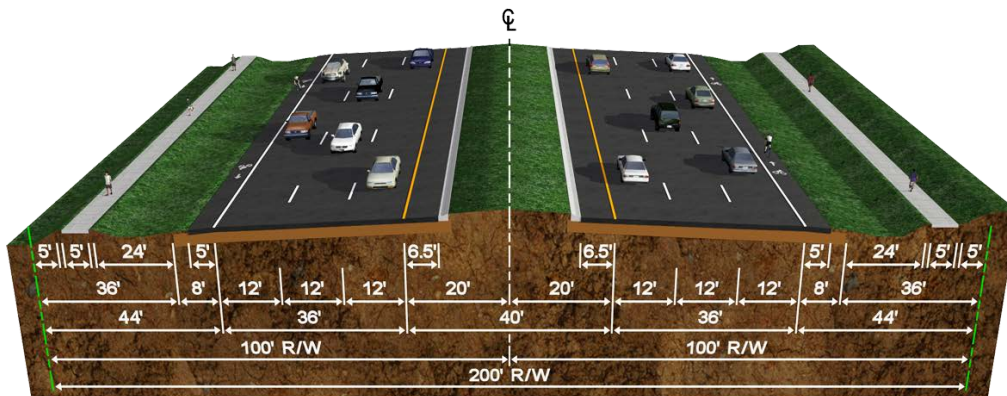
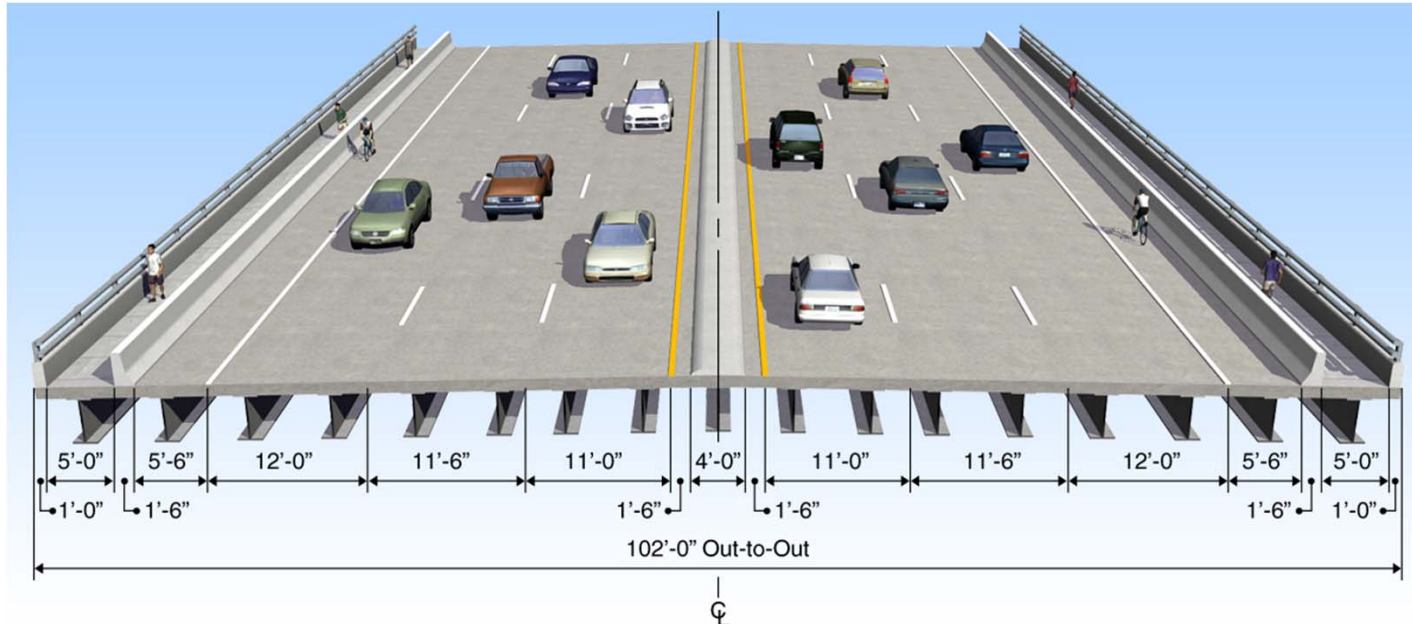
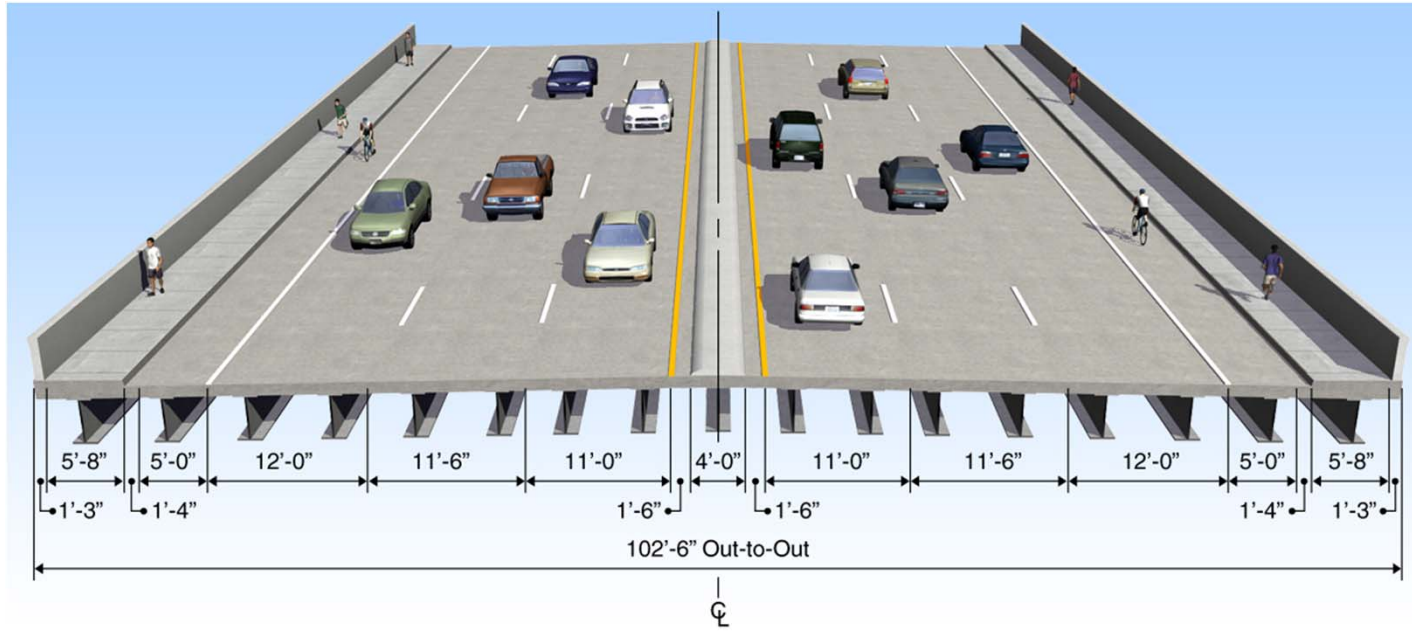


Figure D Proposed Suburban Roadway Typical Section



Alternative B-1



Alternative B-2

Note: out-to-out dimensions could vary slightly depending on the type of bridge traffic railing used.



Hillsborough Avenue (SR 600/US 92) PD&E Study
 From 50th Street to Interstate 4
 WPI Segment No. 430054 1
 Hillsborough County

**Alternative Typical Sections
 for Bridge over CSX**

Figure E

SECTION 1 – SOCIAL IMPACTS

1.1 Land Use

The Efficient Transportation Decision Making (ETDM) *Programming Screen Summary Report* documented the following Degrees of Effect for Land Use Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

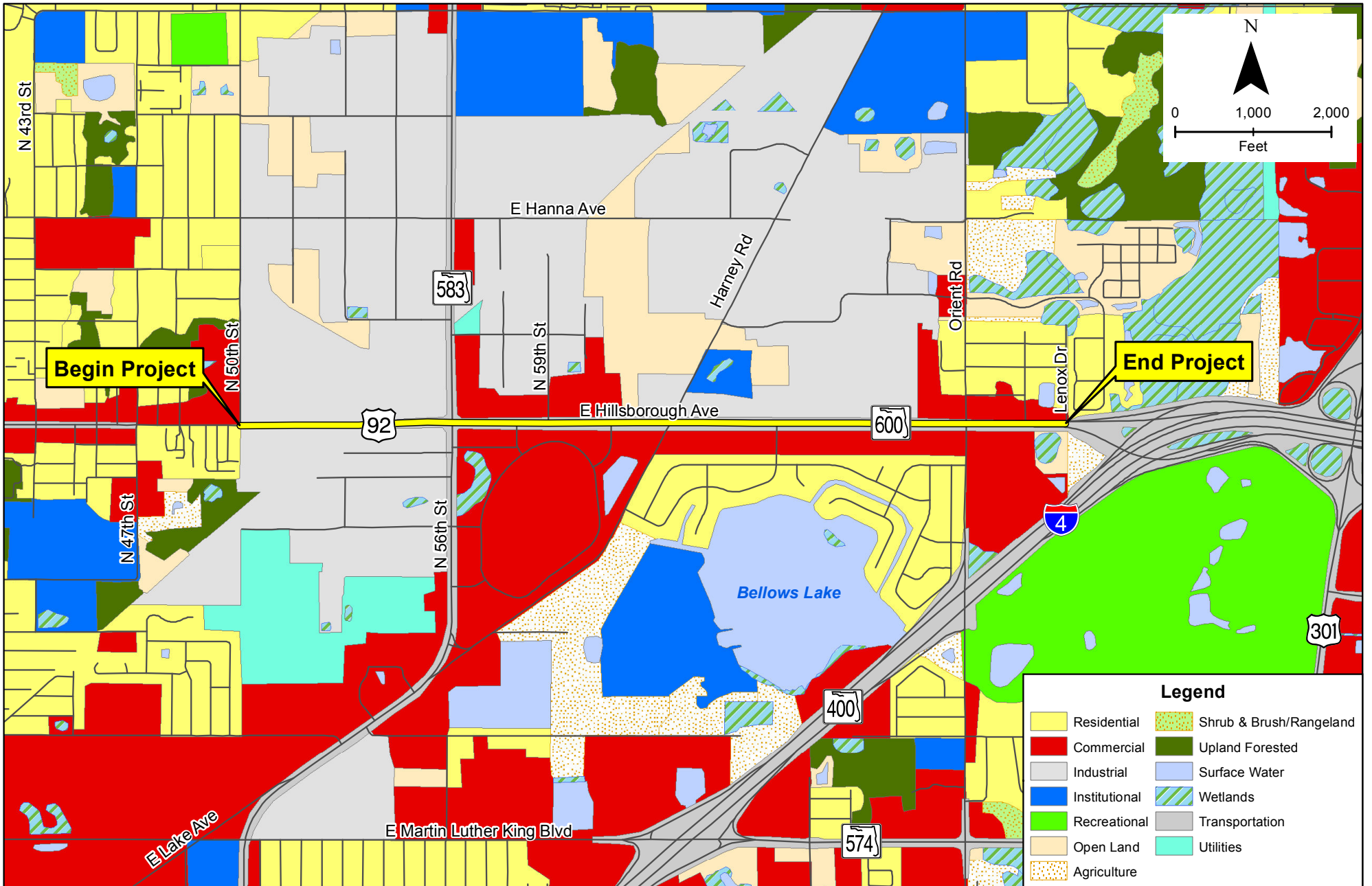
Agency	Degree of Effect
Hillsborough County MPO	None
FDCA	None
Summary Degree of Effect	
Final Summary Degree of Effect	None

1.1.1 Existing Land Use

General land use within the project corridor can be categorized as commercial and industrial immediately adjacent to Hillsborough Avenue. Residential land uses can be found outside the immediate project corridor with the adjacent commercial and industrial areas providing a buffer from Hillsborough Avenue. For purposes of this analysis, the following generalizations were made: Heavy and Light Commercial were combined into Commercial; Heavy and Light Industrial were combined into Industrial; and Mobile Home Park, Multi-Family, Single Family/Mobile Home, and Two Family were combined into Residential. The existing land uses within and adjacent to the project corridor can be found in **Figure 1-1**. The project corridor is a highly urbanized area with very little undeveloped land. An analysis of this data was performed by creating a 500-foot buffer in all directions from the centerline of Hillsborough Avenue to estimate the existing land uses within and adjacent to the corridor. This data is summarized below in **Table 1-1**.

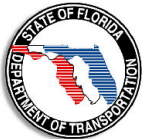
Table 1-1 Existing Land Use

Land Use Description	Land Use Acreage w/in Project Buffer	Land Use Percentage w/in Project Buffer
Agriculture	1.17	0.45%
Commercial	95.47	37.09%
Industrial	93.13	36.18%
Institutional	2.52	0.98%
Open Land	3.66	1.42%
Residential	20.54	7.98%
Transportation (R/W)	36.29	14.10%
Water	1.65	0.64%
Wetlands	2.97	1.15%
Total	257.39	100%



Legend

	Residential		Shrub & Brush/Rangeland
	Commercial		Upland Forested
	Industrial		Surface Water
	Institutional		Wetlands
	Recreational		Transportation
	Open Land		Utilities
	Agriculture		



Hillsborough Avenue (SR 600/US 92) Corridor Study
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Source: SWFWMD

Existing Land Use Map

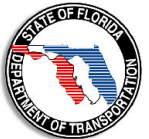
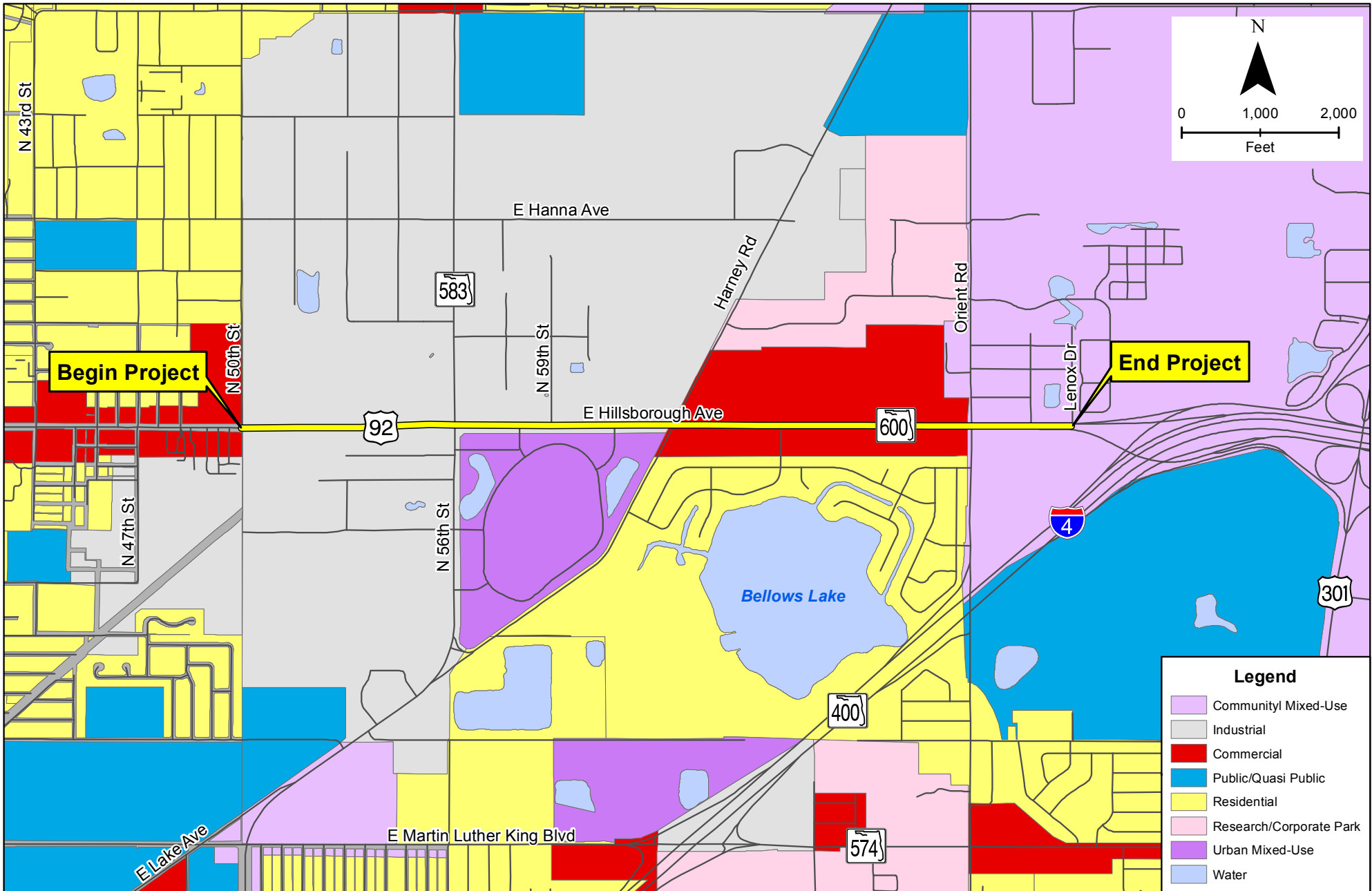
Figure 1-1

1.1.2 Future Land Use

Because the project corridor is currently a highly urbanized area, no major changes are expected to occur to the future land use. Hillsborough County and City of Tampa future land use geographical information system (GIS) data was analyzed to determine what, if any, changes could be expected to the land uses surrounding Hillsborough Avenue. The majority of the project is located within unincorporated Hillsborough County, with a small portion at the west end of the project located within the City of Tampa. Based on the available data, the area immediately adjacent to Hillsborough Avenue is anticipated to experience minimal changes in land use. Transportation/Right-of-way (ROW) decreases from approximately 14 percent (existing) to less than 1 percent (future), based on the fact that Hillsborough County data does not include this category. It is assumed that Transportation/ROW will not decrease in the future and is included in other future land use categories. Future land use data from Hillsborough County and City of Tampa is shown in **Figure 1-2**. An analysis of this data was also conducted and utilized the same 500-foot buffer from the Hillsborough Avenue centerline that was used to analyze the existing land use. **Table 1-2** below summarizes the future land use acreages anticipated to be found along the corridor. The proposed roadway improvements should have no impact or change to land use patterns along the project corridor. Therefore, this category has been designated as NONE on the Summary of Environmental Impacts Checklist.

Table 1-2 Future Land Use

Future Land Use Description	Future Land Use Acreage w/in Project Buffer	Future Land Use Percentage w/in Project Buffer
Commercial	83.32	32.37%
Community Mixed-Use	35.84	13.92%
Industrial	103.09	40.06%
Residential	9.89	3.84%
Right-of-way	1.16	0.45%
Urban Mixed-Use	21.91	8.51%
Water	2.16	0.84%
Total	257.37	100.00%



Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
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 Hillsborough County

Future Land Use Map

Figure 1-2

Source: Hillsborough County, City of Tampa

1.2 Community Cohesion

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Social Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
USEPA	Minimal
FDCA	None
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

For the intent of this *ETC*, Social Issues from the ETDM screening include Community Cohesion, Community Services, Title VI Consideration, and Controversy Potential on the Summary of Environmental Impact Checklist.

The proposed improvements to Hillsborough Avenue would not cause adverse impacts to the local neighborhood. The project proposes to widen Hillsborough Avenue within the existing ROW with small corner clips for intersection improvements. Additional ROW will be needed for the pond sites. The proposed improvements will improve the connectivity and traffic flow within the community, potentially making the facility safer for vehicular, pedestrian and bicycle movements along Hillsborough Avenue. This widening project will complete Hillsborough Avenue as a 6-lane facility from I-275 to I-4. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist.

1.3 Relocation Potential

The ETDM *Programming Screen Summary Report* documented the following Final Degree of Effect for Relocation Issues assigned by FDOT:

Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

There are no anticipated residential or business relocations associated with the construction of the widening of Hillsborough Avenue. Stormwater pond sites will be identified and the FDOT will use non-occupied or vacant parcels where possible. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist.

1.4 Community Services

See **Section 1.2** for Social Issues ETDM Degrees of Effect.

There would be no substantial adverse impacts to neighborhoods, services and/or community facilities as a result of project implementation. It is anticipated that with the widening of the existing 4-lane facility, traffic congestion and flow would ease along Hillsborough Avenue. This would have a positive effect to emergency services by potentially reducing the response time in the community. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist.

1.5 Title VI Consideration

See **Section 1.2** for Social Issues ETDM Degrees of Effect.

This project has been developed in accordance with the Civil Rights Act of 1964, as amended by the Civil Rights Act of 1968. There are minority communities located north and south of the project corridor; however, no adverse impacts to these communities are anticipated since they are located away from Hillsborough Avenue and the majority of the work will be conducted within existing ROW. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist.

1.6 Controversy Potential

See **Section 1.2** for Social Issues ETDM Degrees of Effect.

It is anticipated that this project will not have public controversy as there are no impacts expected to businesses, neighborhoods or community facilities as a result of project implementation. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist. The **SEIR Attachment C** includes a summary of all public involvement activities conducted for this study.

1.7 Bicycles and Pedestrians

The ETDM *Programming Screen Summary Report* documented the following Degree of Effect for Mobility Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
Hillsborough County MPO	Enhanced
Summary Degree of Effect	
Final Summary Degree of Effect	Enhanced

The study is evaluating bicycle and pedestrian facilities. All proposed typical sections include sidewalks on both sides as well as 5-foot paved shoulders which will be designated as bicycle lanes. In addition, all signalized intersections are expected to have crosswalks and pedestrian push buttons and signal indications. Sidewalks will be added to both sides of the roadway as part of a planned 3R project (FPID Nos. 427149-1-52-01 and 427169-1-52-01) which will increase safety for pedestrians along Hillsborough Avenue. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist.

1.8 Utilities and Railroads

The ETDM *Programming Screen Summary Report* documented the following Degree of Effect for Infrastructure Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
SWFMD	None
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

Existing utilities and railroads are addressed in **Section 1.1.12** of the *Preliminary Engineering Assessment (PEA)* and potential impacts are addressed in **Section 6.9** of the *PEA*. This category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impact Checklist.

SECTION 2 – CULTURAL IMPACTS

2.1 Introduction and Methodology

Archaeological Consultants, Inc. (ACI), in association with American Consulting Engineers of Florida, LLC, conducted a *Cultural Resources Assessment Survey (CRAS)* of Hillsborough Avenue from 50th Street to west of I-4 as a part of the Hillsborough Avenue PD&E Study. The archaeological Area of Potential Effect (APE) was defined as the existing ROW; the historical APE includes the existing ROW as well as immediately adjacent properties. A corridor analysis was conducted prior to the archaeological and historical/architectural field surveys (ACI 2011). The purpose of this preliminary work was to identify known archaeological sites and historic resources within the project APE which are listed, determined eligible, or considered potentially eligible for listing in the National Register of Historic Places (NRHP) and to determine the potential for unrecorded archaeological sites and historic resources within the project APE.

This survey was conducted in accordance with the requirements set forth in the National Historic Preservation Act of 1966, as amended, and Chapter 267, *Florida Statutes (FS)*. It was carried out in conformity with Part 2, Chapter 12 (Archaeological and Historical Resources) of the FDOT *PD&E Manual* and the standards contained in the Florida Division of Historical Resources' (FDHR) *Cultural Resource Management Standards and Operations Manual* (FDHR 2003; FDOT 1999). In addition, this survey meets the specifications set forth in Chapter 1A-46, *Florida Administrative Code (FAC)*.

2.2 Historic Sites/Districts

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Historic and Archaeological Sites Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
FL Department of State	Minimal
SWFWMD	None
Seminole Tribe of Florida	Minimal
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

The preliminary background research, including a review of the Florida Master Site File (FMSF) and NRHP, revealed an absence of previously recorded historic structures, cemeteries, bridges, or resource groups within the historical APE. As the result of field survey, 18 historic resources, including 14 historic buildings (8HI11668-11681), one historic bridge (8HI11687), one historic railroad segment (8HI11686), and two resource groups (8HI11684 and 8HI11685) were newly identified, recorded, and evaluated. The historic buildings are primarily Masonry Vernacular, Industrial Vernacular, and Modern style warehouses and other commercial buildings constructed between circa (ca.) 1947 and 1962. None is considered potentially eligible for listing in the NRHP, either individually or as part of a potential historic district, due to their commonality of style, and lack of significant historical associations. The concrete girder bridge

which carries Hillsborough Avenue over the CSX Railroad (FDOT No. 100021; 8HI11686) was built in 1936 and reconstructed in 1955. It is a typical example of its type found throughout Hillsborough County, with no significant historical associations nor distinguishing engineering or architectural features. Therefore, it is not considered potentially eligible for listing in the NRHP. The segment of the CSX Railroad (8HI11686), originally the Tampa and Thonotosassa Railroad, as contained within the project APE, also is considered ineligible for listing in the NRHP. Only a short portion of the original 13.3-mile railroad line was evaluated; assessment of the entire railroad corridor was beyond the scope of the CRAS. Therefore, this category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impact Checklist. Concurrence from the State Historic Preservation Office (SHPO) was received on July 13, 2012, and is located in **Appendix B**.

2.3 Archaeological Sites

See **Section 2.2** for Historic and Archaeological Sites Issues ETDM Degrees of Effect.

A review of the FMSF and NRHP indicated that seven previously recorded archaeological sites are located within one-half mile of the study corridor; no sites are located within the project APE. The background research suggested a moderate potential for archaeological sites on the better-drained and/or elevated soils proximate to a water source. No archaeological sites were discovered as the result of field survey. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist. Concurrence from the State Historic Preservation Office (SHPO) was received on July 13, 2012, and is located in **Appendix B**.

2.4 Historic/Archaeological Summary and Recommendations

In conclusion, given the results of background research and archaeological and historical/architectural field surveys, no archaeological sites or historic resources which are listed, determined eligible, or considered potentially eligible for listing in the NRHP, or otherwise of historical or archaeological value, are located within the Hillsborough Avenue PD&E Study project APE. Based on this information, project development will have no effect on significant cultural resources. No further work is recommended. Concurrence from the State Historic Preservation Office (SHPO) was received on July 13, 2012, and is located in **Appendix B**.

2.5 Section 4(f)/Recreation Sites

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Recreation Area Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
FDEP	None
SWFWMD	None
USEPA	None
Summary Degree of Effect	
Final Summary Degree of Effect	None

No recreation sites or Section 4(f) properties are located within the project corridor. Therefore, this category has been designated as NO INVOLVEMENT on the Summary of Environmental Impact Checklist.

SECTION 3 – NATURAL ENVIRONMENT

3.1 Wetlands

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Wetland Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
Hillsborough County MPO	Minimal
FDEP	Minimal
USEPA	Minimal
USACE	Moderate
SWFWMD	Minimal
USFWS	Minimal
NMFS	No Involvement
Summary Degree of Effect	
Final Summary Degree of Effect	Moderate

3.1.1 Methodology

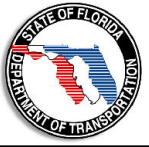
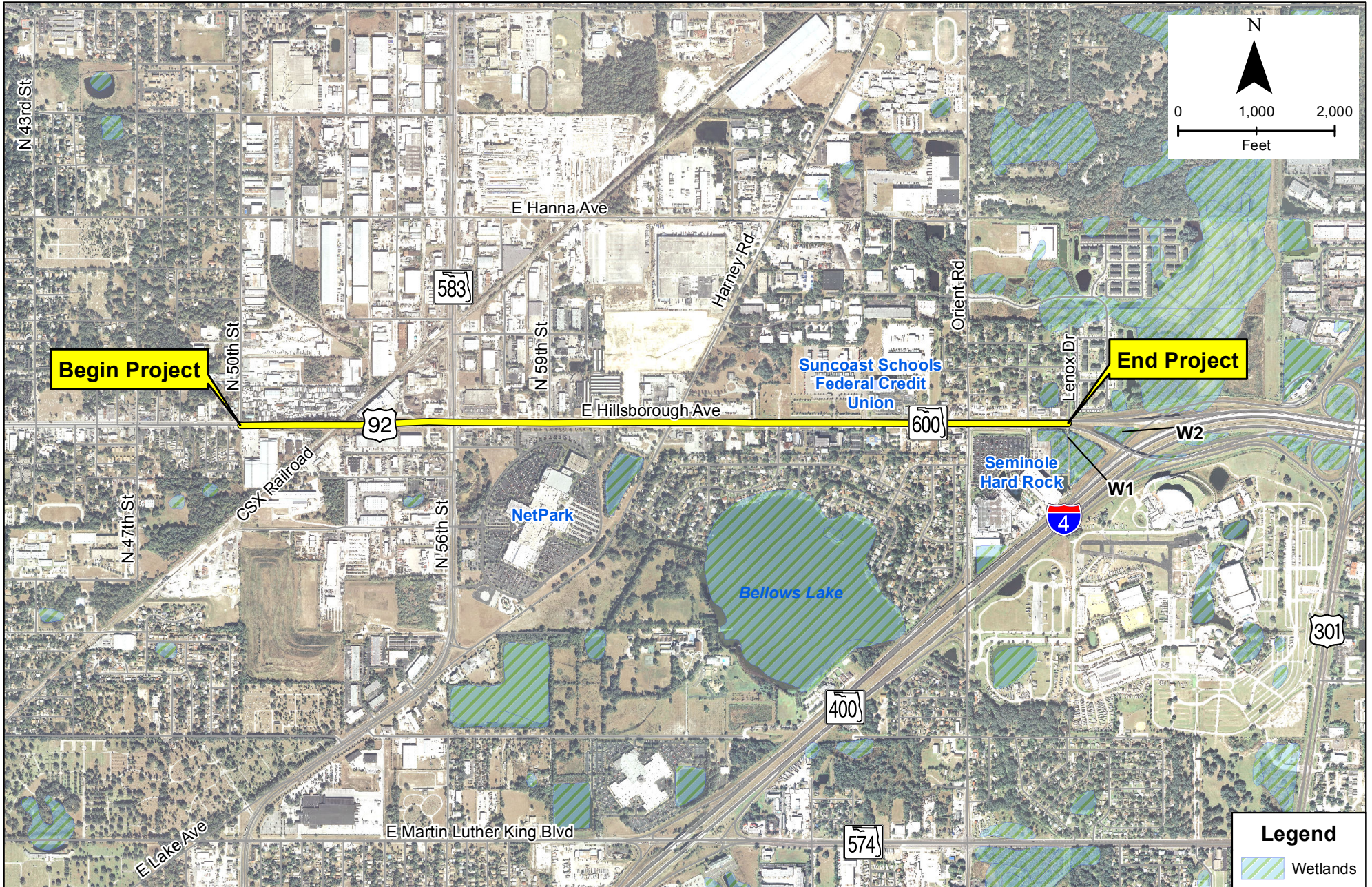
In accordance with Executive Order 11990, “Protection of Wetlands” (May 1977), the proposed project has been evaluated for potential impacts to wetlands. Preliminary wetland evaluations were based on information from the U.S. Geological Survey (USGS) topographic maps, Natural Resource Conservation Service (NRCS) *Soil Survey of Hillsborough County*, 2006 National Wetlands Inventory (NWI) GIS data, and aerial photography. **Figure 3-1** graphically illustrates the location of wetlands and surface waters along the project corridor.

Project scientists conducted site reviews of the corridor on September 21, 2011. During these site reviews, information obtained during in-house analyses was verified along with the identification of additional wetlands not previously identified. Wetlands were mapped using the *Atlantic & Gulf Coastal Plain Interim Regional Supplement to the 1987 Wetland Delineation Manual* and the Florida Department of Environmental Protection’s (FDEP) *The Florida Wetland Delineation Manual*, 1995 (Chapter 62-340, FAC).

Wetlands are classified using the United States Fish and Wildlife Service’s (USFWS) *Classification of Wetlands and Deepwater Habitats* (Cowardin et. al. 1979) methodology and the *Florida Land Use, Cover and Forms Classification System* (FLUCCS). A breakdown of the wetland and other surface water classifications is shown in **Table 3-1**.

Table 3-1 Wetland and Surface Water Classifications

Wetland ID	USFWS Classification	FLUCCS Classification
W1	PFO6/PUBx	617/621/530
W2	PSS6/PSS7	618/640
OSWs	PUBx	530



Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
 WPI Segment No. 430054-1
 Hillsborough County

Project Wetland Map
 Source: NWI (Wetlands outside corridor)

Figure 3-1

3.1.2 Wetland Identification/Classification

There is one wetland located within/adjacent to the project corridor near the eastern terminus of the project, located mostly on land owned by the Seminole Tribe of Indians. This wetland was formerly a freshwater forested system, but has been impacted by the construction of a stormwater pond and parking area on the Seminole Indian property. There is another wetland located just east of the project within the interchange of Hillsborough Avenue/US 301/I-4. Other surface waters (OSW) such as ditches, swales and stormwater management facilities (SMFs) are located within or in the vicinity of the project corridor. The majority of the ditches and swales are upland cut and contain no wetland vegetation, mainly field grasses.

The wetland identified at the eastern terminus of the project (W1), located mostly on land owned by the Seminole Tribe of Indians, consists of remaining cypress trees (*Taxodium spp.*), red maple (*Acer rubrum*), and Brazilian pepper (*Schinus terebinthifolius*) is not impacted by the construction of the stormwater pond or parking area. The wetland located to the east of the project corridor (W2) consists of red maple saplings, Carolina willow (*Salix caroliniana*), saltbush (*Baccharis halimifolia*), and other shrubby vegetation. The OSWs located along the project corridor consist of open water stormwater management systems or ditches and swales that are comprised of mainly field grasses, with minimal to no wetland vegetation. For purposes of this evaluation, all OSWs have been grouped together. **Table 3-1** above provides the USFWS and FLUCCS classification for each of the wetlands identified within the corridor.

Wetlands that have the potential to be impacted by the proposed roadway improvements have been grouped by the USFWS *Wetlands and Deepwater Habitats Classification of the United States*. General descriptions for each of these classifications are provided below:

Palustrine Forested (PFO6)

There is one wetland (W1) located within or adjacent to the project corridor which is classified as a palustrine forested wetland with deciduous vegetation. Red maple, cypress trees, bay trees, tupelo, laurel oak, wax myrtle, buttonbush, and leather fern, among others, are typical vegetation found within these wetlands. This site appears to have been dominantly a cypress wetland but has been altered by the construction of a SMF and parking area within the Seminole Tribe of Indians property. The majority of the wetland is located on Seminole Indian property. This system now consists of a stormwater pond and remaining cypress trees, as well as some red maple and Brazilian pepper.

Palustrine Scrub-Shrub (PSS6/PSS7)

There is one wetland (W2) located within or near the project corridor which is classified as palustrine scrub-shrub wetland with deciduous and evergreen vegetation. Typical vegetation found within these wetlands consists of Carolina willow, ludwigia (*Ludwigia spp.*), Brazilian pepper, saltbush, and cabbage palms (*Sabal palmetto*). This site has been altered by the surrounding development and is located within the interchange of Hillsborough Avenue/US

301/I-4, allowing less-desirable plant species to invade. W2 consists of mainly Carolina willow, saltbush, and other shrubby vegetation.

Palustrine Unconsolidated Bottom (PUBx) – Other Surface Waters

Other surface waters for this project consist of SMFs that were constructed for the surrounding development and swales and ditches located along Hillsborough Avenue. The SMFs are open water bodies with or without planted littoral zones consisting of wetland vegetation. The vegetation for littoral zones typically consists of pickerelweed (*Pontedaria cordata*), fire flag (*Thalia geniculata*), giant bulrush (*Scirus spp.*), and other wetland-dependent emergent species. These facilities may provide habitat for wading birds, amphibians and other small animals, but are not considered quality habitat since they are being utilized for stormwater treatment. The swales and ditches along Hillsborough Avenue are excavated out of uplands. These systems contain minimal to no wetland vegetation, mainly field grassed and weeds, and provide little, if any, habitat for wildlife utilization.

3.1.3 Wetland Impacts

The widening of Hillsborough Avenue from 4-lanes to 6-lanes should have no adverse impacts to wetlands or surface waters. Impacts may occur to existing swales and ditches along the project corridor that are being used for stormwater conveyance and/or treatment; however, the swales and ditches located along the project corridor appear to be upland cut and support minimal to no wetland vegetation. These systems provide inadequate habitat for foraging or utilization by wildlife species that may be found within the project corridor. No impacts to wetland W1 are anticipated since this wetland is located mainly on Seminole Indian property and no ROW acquisition is proposed for the roadway widening. Also, no impacts will occur to wetland W2 since it is located outside of the project limits. No mitigation is anticipated for this project since many of the swales and ditches will be replaced on-site or new SMFs will be constructed to offset the potential impacts. If needed, mitigation plans will be developed during the design and permitting phase of the project.

3.1.4 Coordination with Permitting Agencies

Coordination with Southwest Florida Water Management District (SWFWMD) has been conducted to determine potential permitting requirements for the proposed project. A pre-application meeting was held on December 27, 2011, at the Tampa Service Office. It is anticipated that the project will require an individual Environmental Resource Permit (ERP). Stormwater treatment would be required for the entire project, but attenuation would only be required for the portions that do not discharge into Tampa Bay. Further coordination will be conducted with SWFWMD during the design phase of the project. Permits may also be required from the U.S. Army Corps of Engineers (USACE) if wetland impacts will occur as a result of the final design. Meeting minutes from the SWFWMD pre-application meeting are located in *PEA*

Appendix A.

3.1.5 Wetland Summary

The proposed project was evaluated for potential wetland and surface water impacts by conducting office and on-site field reviews. There are two wetlands located within or near the project corridor. A description of the wetlands and surface waters is provided above. It is anticipated that there will be no impacts to wetlands, but impacts to swales and ditches (OSWs) may occur as a result of the widening of Hillsborough Avenue from 4-lanes to 6-lanes. These impacts are anticipated to have no adverse effects on the ecosystem within the project corridor since the impacted OSWs will be offset by newly constructed swales, ditches or stormwater management facilities. An ERP will be required by the SWFWMD, mainly for the additional impervious area that will be added. Final wetland and surface water impacts will be evaluated during the design phase and coordinated with SWFWMD and the USACE, if applicable. Mitigation for impact to wetlands and surface waters will be conducted as necessary to meet the permitting agencies' requirements; however, no mitigation is anticipated for the construction of this project. Therefore, this category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impact Checklist.

3.2 Water Quality

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Water Quality and Quantity Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
USEPA	Minimal
FDEP	Minimal
SWFWMD	Moderate
Summary Degree of Effect	
Final Summary Degree of Effect	Moderate

The project is located in an area that is highly urbanized with industrial, commercial and residential land uses most prominent along and adjacent to Hillsborough Avenue. Bellows Lake Outlet and Six Mile Creek are two nearby waterbodies that are listed on the 303(d) list of impaired waters. The addition of impervious surface within the project corridor has the potential to increase stormwater runoff.

Water quality impacts will be addressed during design and construction of the proposed roadway project. The project will be designed to treat all stormwater runoff generated from the additional impervious area and will be designed to meet criteria set forth by the SWFWMD. A pre-application meeting was held with SWFWMD on December 27, 2011, to discuss potential stormwater treatment options.

Proper Best Management Practices (BMPs) will be utilized during construction of the project to reduce or eliminate turbidity, erosion, and sedimentation into adjacent wetlands and surface waters found along the project corridor. These BMPs include (but are not limited to): silt fence, turbidity barriers, synthetic hay bales, seeding, sodding, and drain inlet covers. The BMPs will be inspected and maintained throughout the construction phase of the project until all loose

sediment and debris are permanently stabilized. The BMPs will prevent water quality degradation to surrounding or nearby waters during construction activities. Therefore, this category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impact Checklist.

3.3 Floodplains

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Floodplain Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
SWFWMD	Minimal
USEPA	None
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

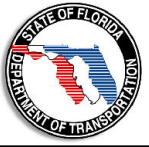
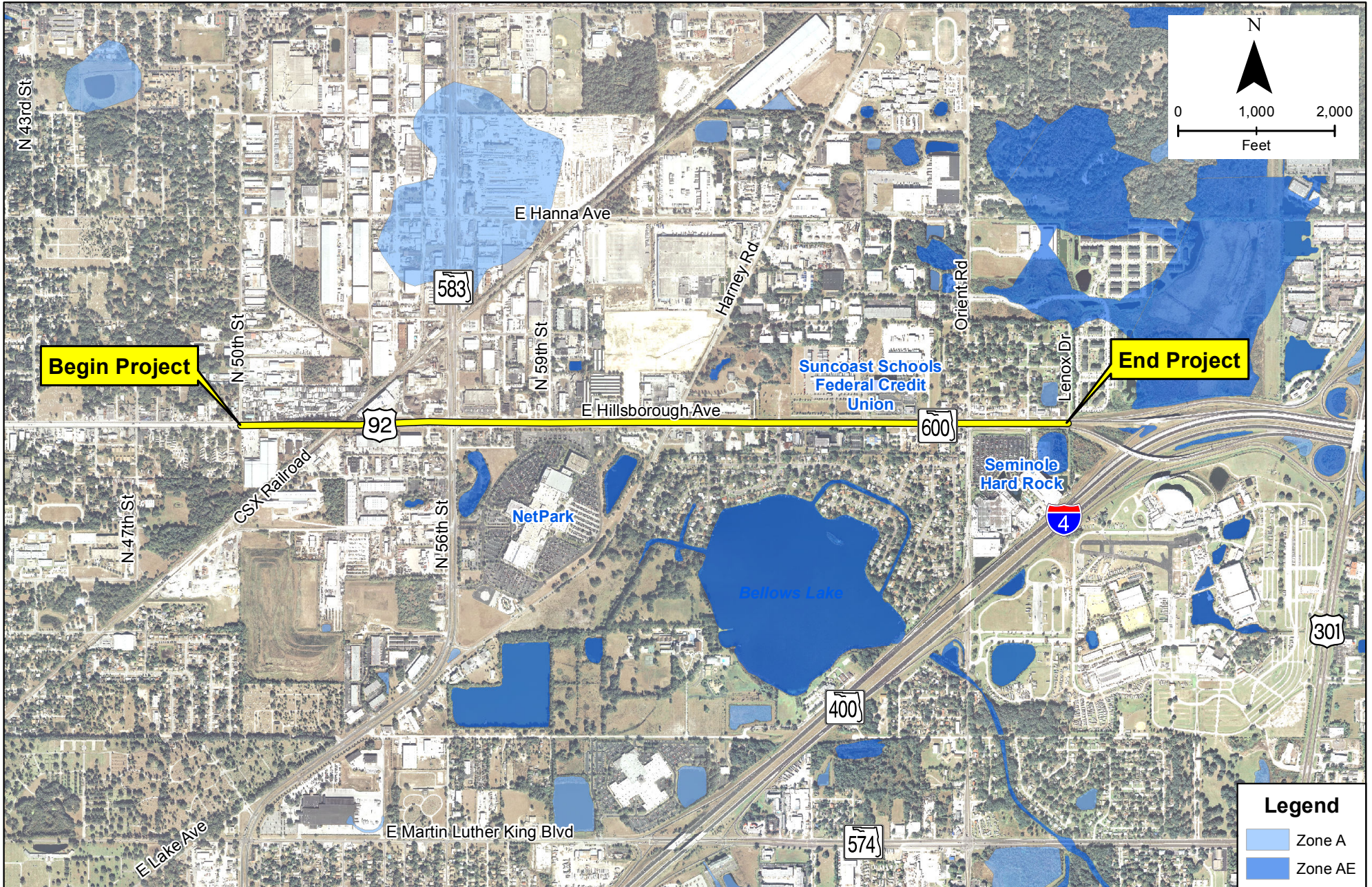
According to GIS data from the Federal Emergency Management Agency (FEMA) and Hillsborough County, adopted 2008, there are some small flood zones located near the project corridor. One flood zone area is associated with the wetland (W1) that is located on the Seminole Indian property. This site has been impacted by the construction of a parking lot and SMF. The other flood zone areas are associated with other SMFs and ponds/surface waters located in the area. The floodplains near the project corridor are shown below in **Figure 3-2**. None of the floodplains are anticipated to be impacted by the construction of the proposed project. Based on FDOT’s floodplain categories Part 2, Chapter 24 of the PD&E Manual, this project falls under: “Category 4: projects on existing alignment involving replacement of existing drainage structures with no record of drainage problems.” The proposed system will perform hydraulically in a manner equal to or greater than the existing system, and backwater surface elevations are not expected to increase. As a result, there will be no significant adverse impacts on natural and beneficial floodplain values. There will be no significant change in floodplain risk, and there will not be a significant change in the potential for interruption or termination of emergency service or emergency evacuation routes. Therefore, this category has been designated as NONE on the Summary of Environmental Impact Checklist.

3.4 Coastal and Marine

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Coastal and Marine Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
SWFWMD	None
NMFS	No Involvement
Summary Degree of Effect	
Final Summary Degree of Effect	No Involvement

There are no coastal and marine resources located within or near the project corridor, and no potential Essential Fish Habitat (EFH) within the project corridor. Therefore, this category has been designated as NO INVOLVEMENT on the Summary of Environmental Impact Checklist.



Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
 WPI Segment No. 430054-1
 Hillsborough County

FEMA Floodplain Map
 Source: FEMA

Figure 3-2

3.5 Wildlife and Habitat

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Wildlife and Habitat Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
SWFWMD	Minimal
FFWCC	Minimal
USFWS	Minimal
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

A separate *Endangered Species Biological Assessment Technical Memorandum* has been prepared for this project for submittal to the agencies for review. This document can be found in **Appendix K** of this compendium. A summary of the assessment is provided below.

The project corridor was reviewed for potential suitable habitat for federal and state-listed species during field reviews conducted in accordance with 50 Code of Federal Regulations (CFR) Part 402 of the Endangered Species Act of 1973, as amended, and Part 2, Chapter 27 of the FDOT *PD&E Manual: Wildlife and Habitat Impacts*. A literature review and agency database search was also conducted to determine the presence and/or absence of federal and state-listed species and their critical habitat. Field surveys were conducted on September 21, 2011 to identify any protected species and/or critical or potential habitat within the project corridor.

Coordination with the Florida Fish and Wildlife Conservation Commission (FFWCC) and the USFWS, as well as other state and federal agencies, was initiated early in the PD&E Study process as part of the ETDM process to obtain comments and potential occurrence records on listed species within the project corridor. A copy of the ETDM Programming Screen Summary Report can be found in **Appendix A**.

No listed species were observed along the project corridor during the field visit conducted on September 21, 2011. Multiple listed species (shown above) have the potential to occur within the project corridor; however, after field reviews, habitat assessment, and impact evaluation, it has been determined that the proposed project will have no effect on federal or state-listed species; however, the project may affect the bald eagle, a species that is no longer afforded protection by the Endangered Species Act, but is afforded protection through the MBTA and the BGPEA. No wetlands are anticipated to be impacted by the proposed project. The only impacts that may occur would be to OSWs (swales used for stormwater conveyance) that do not provide wetland habitat. No mitigation should be required for these impacts. The US Fish & Wildlife Service concurred that the project is not likely to adversely affect resources on October 2, 2012. A copy of the letter is included in **Attachment B** of **Appendix K**. Therefore, this category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impact Checklist.

3.6 Special Designations

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Special Designation Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
USEPA	Minimal
SWFWMD	Minimal
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

Special Designation Issues include Aquatic Preserves (AP), Outstanding Florida Waters (OFW), and Wild and Scenic Rivers on the Summary of Environmental Impact Checklist. There are none of these special designations located within or near the project corridor. Therefore, this category has been designated as NO INVOLVEMENT on the Summary of Environmental Impact Checklist for these items.

3.7 Farmlands

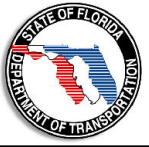
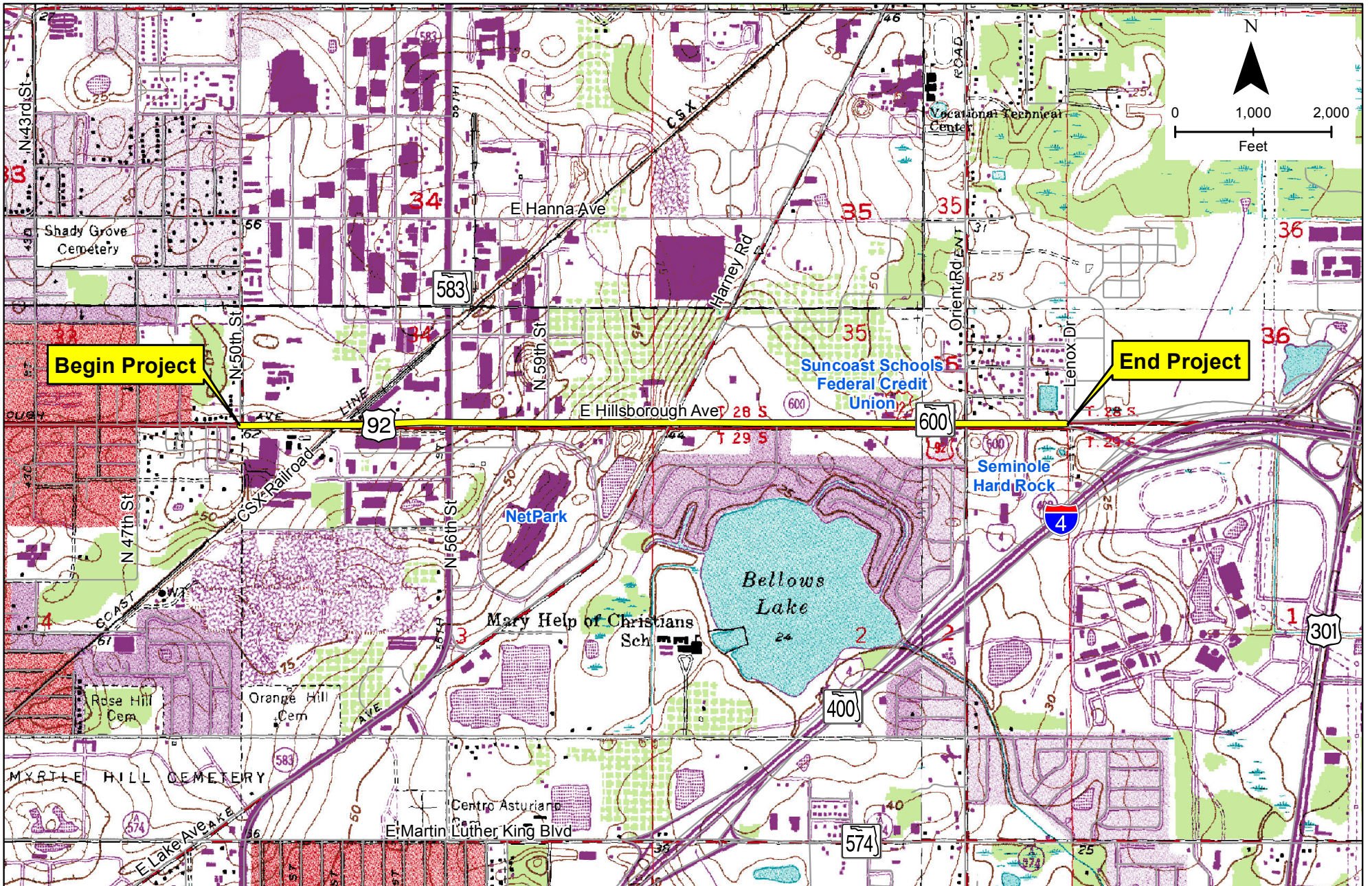
The ETDM *Programming Screen Summary Report* documented the following Degree of Effect for Farmland Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
NRCS	Minimal
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

This project is located in an urbanized area with no farmlands or croplands located within or adjacent to the project corridor. Therefore, this category has been designated as NO INVOLVEMENT on the Summary of Environmental Impact Checklist.

3.8 Geology/Hydrology

The NRCS Soil Survey for Hillsborough County, Florida provides general descriptions of subsurface conditions within the county. Hillsborough County is located in the Floridian section of the Atlantic Coastal Plain with physiographic features relating back to the ancient seas, which once covered the region. Large, nearly level plains, commonly called flatwoods, are in the western, southern and northeastern parts of the county. Elevations within the county range from sea level near the coast to nearly 144 feet east of Plant City with the City of Tampa having an elevation of approximately 19 feet. A USGS map of the corridor is shown in **Figure 3-3**.



Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
 WPI Segment No. 430054-1
 Hillsborough County

USGS Quadrangle Map

Figure 3-3

3.9 Soils

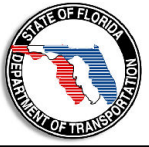
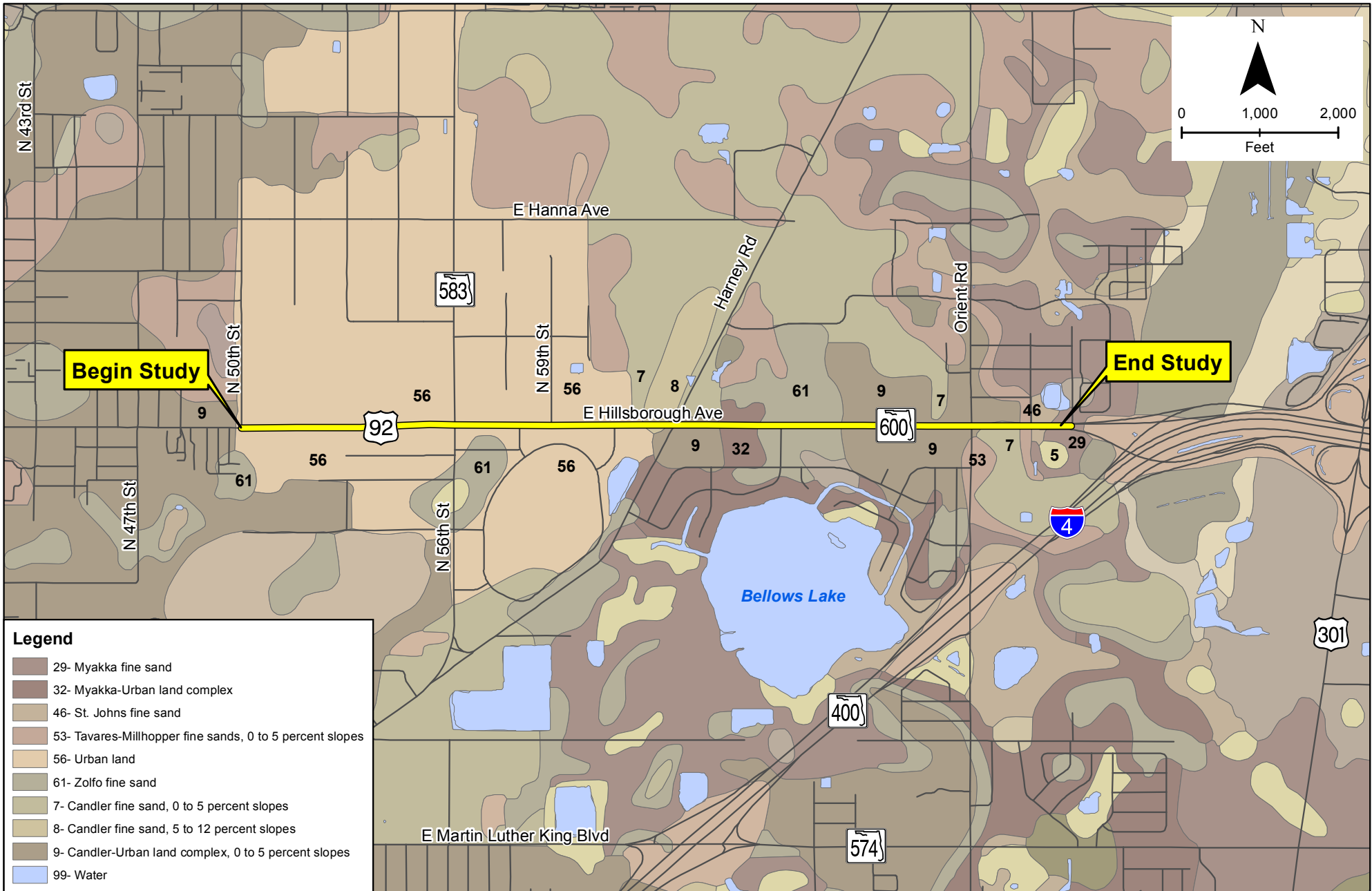
The NRCS Soil Survey for Hillsborough County, Florida indicates that there are multiple soil types that exist within the corridor. An analysis was performed to determine which soils occur within the immediate vicinity of the Hillsborough Avenue corridor. A 200-foot buffer was applied to all directions of the centerline to evaluate soils types and acreage within the project area. The soil types and their identification numbers that are found within the buffer are as follows: Candler fine sand (7, 8); Candler-Urban land complex (9); Myakka fine sand (29); Myakka-Urban land complex (32); St. Johns fine sand (46); Tavares-Millhopper fine sands (53); Urban land (56); and Zolfo fine sand (61). Of the soil types found along the corridor, Urban land (56), Candler-Urban land complex (9), and Zolfo fine sand (61) are the most dominant soil types within the project corridor. **Figure 3-4** graphically depicts the existing soils types along the corridor. **Table 3-2** shows the approximate acreage of each soil type and the approximate percentage along the corridor based on the 200-foot buffer applied to the Hillsborough Avenue centerline. A detailed description of each soil type found within the project corridor is shown below.

- **Candler fine sand (7)** – This soil is nearly level to gently sloping and excessively drained. Slopes range from 0 to 5 percent. The seasonal high water table is at a depth of more than 80 inches and permeability is rapid. The available water capacity is low.
- **Candler fine sand (8)** – This soil is sloping to strongly sloping and excessively drained and on uplands. Slopes range from 5 to 12 percent. The seasonal high water table is at a depth of more than 80 inches and permeability is rapid. The water capacity is very low.
- **Candler-Urban land complex (9)** – This complex consists of soil nearly level to gently sloping and excessively drained and of areas of Urban land. This map unit consists of 45-60 percent Candler soil and 35-45 percent Urban land. The seasonal high water table is at a depth of more than 80 inches and permeability within the soil is rapid. The water capacity is low.
- **Myakka fine sand (29)** – Located on broad plains on the flatwoods, this soil is nearly level and poorly drained. In most years, the seasonal high water table fluctuates from the soil surface to a depth of 10 inches for 1 to 4 months and recedes to a depth of 40 inches below the surface during prolonged dry periods. Permeability is rapid in the surface and subsurface, moderate or moderately rapid in the subsoil, and rapid in the substratum. The available water capacity is low.
- **Myakka-Urban land complex (32)** – This complex consists of Myakka soil that is nearly level and poorly drained and areas of Urban land. Slopes range from 0 to 2 percent. This map unit consists of 40 to 60 percent Myakka soil and 30 to 45 percent Urban land. In most areas, the soils in this map unit are artificially drained by sewer systems, gutters, tile drains and surface ditches. The undrained areas have a seasonal high water table that fluctuates from the soil surface to a depth of about 10 inches for 1 to 4 months. During prolonged dry periods, the seasonal high water table recedes to a depth of 40 inches. The water capacity is low.

- **St. Johns fine sand (46)** – This soil is on low-lying plains on the flatwoods and is nearly level and poorly drained. Slopes range from 0 to 2 percent. In most years, the seasonal high water table fluctuates from the soil surface to a depth of 15 inches for 2 to 6 months and recedes to a depth of 15 to 30 inches during prolonged dry periods. Permeability is rapid in the surface and subsurface layers, moderately slow or moderate in the subsoil, and rapid in the substratum. The available water capacity is moderate.
- **Tavares-Millhopper fine sands (53)** – The soils in this map unit are nearly level to gently sloping and moderately well-drained. They are located in low-lying areas on uplands and low ridges on the flatwoods. Slopes range from 0 to 5 percent. Tavares soil has a seasonal high water table at a depth of 40 to 80 inches for more than 6 months and recedes to a depth of more than 80 inches during prolonged dry periods. Millhopper soil has a seasonal high water table at a depth of 40 to 60 inches for 1 to 4 months and recedes to a depth of 60 to 72 inches for 2 to 4 months. The water capacity is low in both soils.
- **Urban land (56)** – Areas covered by concrete, asphalt, buildings or other impervious surfaces so that identification of the underlying soil types is not feasible. Slopes range from less than 2 to 5 percent but are dominated by slopes less than 2 percent. Most areas of this map unit are artificially drained by surface ditches, sewer systems, gutters, and tile drains. Areas mapped as Urban land, 85 percent or more of the surface is covered by streets, parking lots, buildings, or other structures.
- **Zolfo fine sand (61)** – This soil is located on broad, low ridges on the flatwoods and is nearly level and somewhat poorly drained. The seasonal high water table is at a depth of 24 to 40 inches for more than 2 to 6 months and recedes to a depth of 60 inches during prolonged dry periods. Permeability is rapid in the surface and subsurface layers and moderate in the subsoil. The available water capacity is low.

Table 3-2 Corridor Soil Acreage

Soil Map Unit	Soil Map Unit Name	Soil Acreage w/in Project Buffer	Soil Percentage w/in Project Buffer
7	Candler fine sand (0-5%)	4.71	4.78%
8	Candler fine sand (5-12%)	2.21	2.24%
9	Candler-Urban land complex	23.43	23.77%
29	Myakka fine sand	2.57	2.61%
32	Myakka-Urban land complex	4.74	4.81%
46	St. Johns fine sand	2.20	2.23%
53	Tavares-Millhopper fine sands	1.51	1.53%
56	Urban land	47.29	47.97%
61	Zolfo fine sand	9.92	10.06%
Total		98.58	100%



Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
 WPI Segment No. 430054-1
 Hillsborough County

NRCS Soils Map

Figure 3-4

Source: NRCS

3.10 Secondary and Cumulative Effects

The ETDM *Programming Screen Summary Report* documented the following Degree of Effect for Secondary and Cumulative Effects Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
SWFWMD	Minimal
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

Proper temporary BMPs will be utilized during and after construction to prevent offsite impacts caused by erosion and sedimentation. Permitting will adhere to current regulations for stormwater management to assure that water quality standards are met. This project should have minimal to no secondary and cumulative effects.

SECTION 4 – PHYSICAL IMPACTS

4.1 Noise

4.1.1 Methodology

The Hillsborough Avenue noise analysis was performed in accordance with Title 23 CFR Part 772 *Procedures for Abatement of Highway Traffic Noise and Construction Noise* (effective July 13, 2011) and the FDOT's *PD&E Manual, Part II, Chapter 17: Noise* (May 24, 2011).

The prediction of future traffic noise levels with the roadway improvements was performed using the Federal Highway Administration's (FHWA's) computer model for highway traffic noise prediction and analysis – the Traffic Noise Model (TNM – Version 2.5). The TNM propagates sound energy, in one-third octave bands, between highways and nearby receptors taking into account the intervening ground's acoustical characteristics and topography, and intervening structures (i.e., buildings).

The noise levels presented in this report are expressed in decibels (dB) on the A-weighted scale (dB(A)). This scale most closely approximates the response characteristics of the human ear to low level sound. All sound and traffic noise levels are reported as equivalent level (Leq(h)), values which theoretically contain the same amount of acoustic energy as an actual time-varying A-weighted sound level over a period of one-hour.

The existing (2010) and forecast future year build/no-build (2040) traffic data used in the TNM to predict noise levels for the Hillsborough Avenue project are presented in **Appendix C**. All traffic data came from the project's *Draft Traffic Technical Memorandum, March 2012*, prepared by HDR Engineering, Inc.

4.1.2 Model Assumptions

The following are details and assumptions used to develop the noise model for the Hillsborough Avenue PD&E Study:

- Speed limits in the model were assumed at the posted speed limits as obtained from the Draft Traffic Technical Memorandum prepared by HDR Engineering, Inc.
- The House of Prayer, Abundant Love Worship Center First Pentecostal Tabernacle, and WMOR TV station were modeled as Activity Category "C" with the abatement criterion set at 66.0 dB(A).
- The East Lake Inn and offices associated with the Suncoast Schools Federal Credit Union Administration Buildings were modeled as Activity Category "E" with the abatement criterion set at 71.0 dB(A).

- All receptor heights were set at 5 feet for all first floor units. All subsequent floors for multi-family units were set at 10-foot increments, i.e. 2nd floor units at 15 feet, 3rd floor units at 25 feet, etc.
- The percentage of cars, heavy trucks and medium trucks for Harney Road and Orient Road were assumed to be the same as those along Hillsborough Avenue.

4.1.3 Noise Sensitive Sites

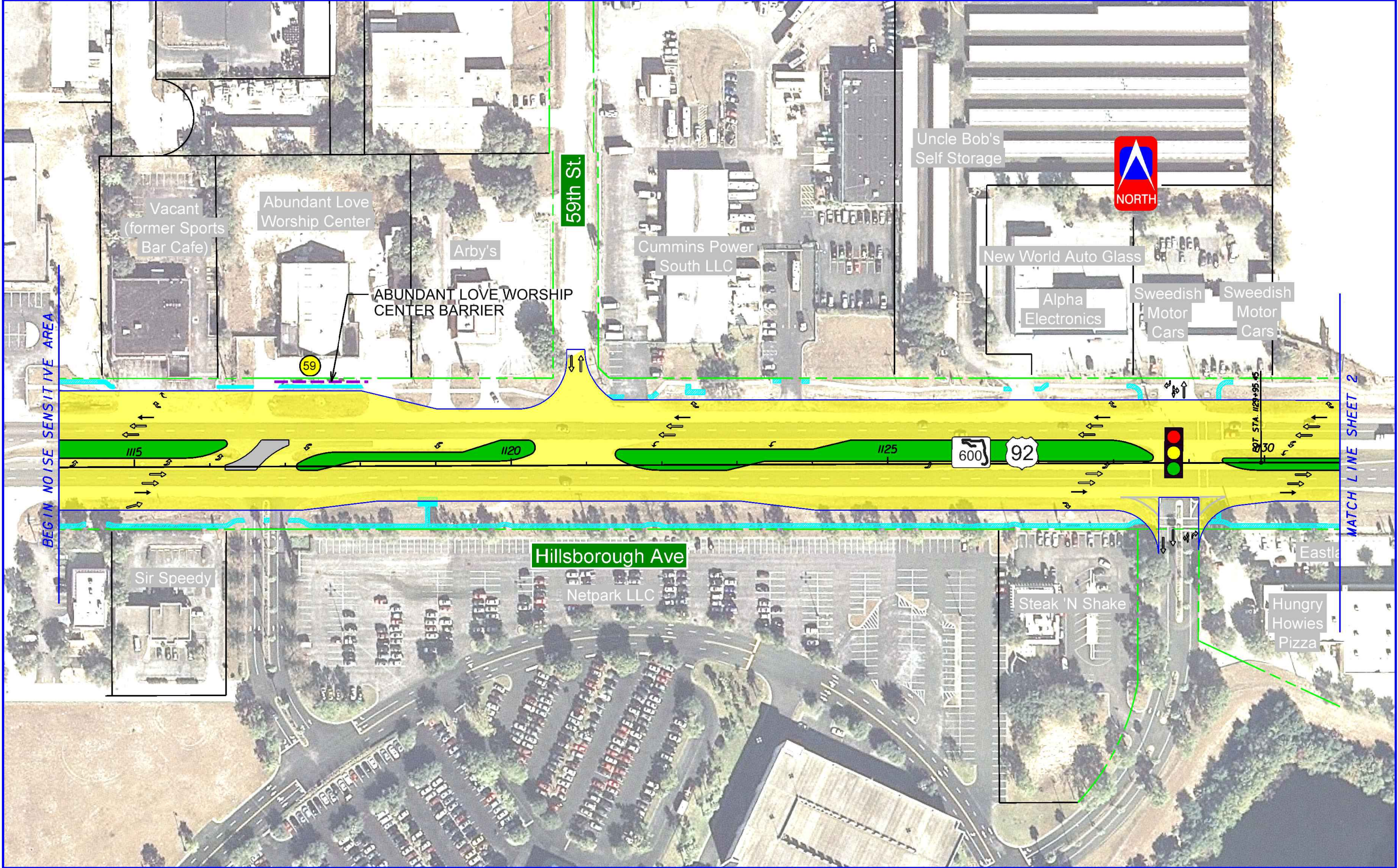
Noise-sensitive sites are defined as properties where frequent human use occurs and where a lowered noise level would be of benefit. To evaluate traffic noise, the FHWA established Noise Abatement Criteria (NAC). As shown in **Table 4-1**, the criteria vary according to a property's activity category.

When predicted noise levels approach, meet or exceed the NAC or, when predicted noise levels increase substantially, the FHWA requires that noise abatement measures be considered. The FDOT defines the word "approach" to mean within 1.0 dB(A) of the NAC and considers that a substantial increase will occur if traffic noise levels are predicted to increase by 15.0 or more dB(A) as a direct result of a transportation improvement project. Increases of 15.0 dB(A) or more are not likely adjacent to the project corridor as increases of this magnitude typically occur at sites where no roadway existed previously.

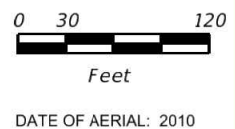
Thirty-seven (37) receptors were modeled representing 78 noise sensitive sites along the project corridor. All sites were single family or multi-family residences with the exception of the House of Prayer, Abundant Love Worship Center, First Pentecostal Tabernacle, East Lake Inn, Suncoast Schools Federal Credit Union Administration Buildings, WMOR TV Station, and one parcel of vacant land. The location of each of the noise-sensitive sites is shown on **Figure 4-1**. The residential sites were considered Activity Category "B". As such, exterior noise levels were evaluated for these sites, and noise abatement measures were considered if the predicted exterior traffic noise level was 66.0 dB(A) or more, or if levels were predicted to increase by 15.0 dB(A) or more as a result of the proposed improvements. The House of Prayer, Abundant Love Worship Center, First Pentecostal Tabernacle, and WMOR TV station were modeled as Activity Category "C" with the abatement criterion set at 66.0 dB(A). The East Lake Inn and offices associated with the Suncoast Schools Federal Credit Union Administration Buildings were modeled as Activity Category "E" with the abatement criterion set at 71.0 dB(A). The abatement criteria to assess potential impacts was set at 1.0 dB(A) below the FHWA NAC, as shown in **Table 4-1**, to address sites that "approach" the NAC.

Table 4-1 FHWA Noise Abatement Criteria

Activity Category	Abatement Level in Leq(h) ¹	Description of activity category
A	57 (Exterior)	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B2	67 (Exterior)	Residential
C2	67 (Exterior)	Active sports areas, amphitheatres, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreational areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52(Interior)	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E2	72 (Exterior)	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	—	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G	—	Undeveloped lands that are not permitted.
<p>(Based on Table 1 of 23 CFR Part 772)</p> <p>1 The Leq(h) Activity Criteria values are for impact determination only, and are not design standards for noise abatement measures.</p> <p>2 Includes undeveloped lands permitted for this activity category.</p> <p>Note: FDOT defines that a substantial noise increase occurs when the existing noise level is predicted to be exceeded by 15 decibels or more as a result of the transportation improvement project. When this occurs, the requirement for abatement consideration will be followed.</p>		



LEGEND		PROPOSED ROADWAY		POTENTIAL BARRIER WALL		PROPOSED EDGE OF PAVEMENT
		PROPOSED MEDIAN (CONCRETE)		EVALUATED BARRIER - NOT FEASIBLE		PROPERTY LINES
		PROPOSED MEDIAN (SOD)		NOISE SENSITIVE SITE #		EXISTING ROW
		PLANNED / PROPOSED SIDEWALK		EXISTING/PROPOSED LANE		PROPOSED ROW TO BE ACQUIRED

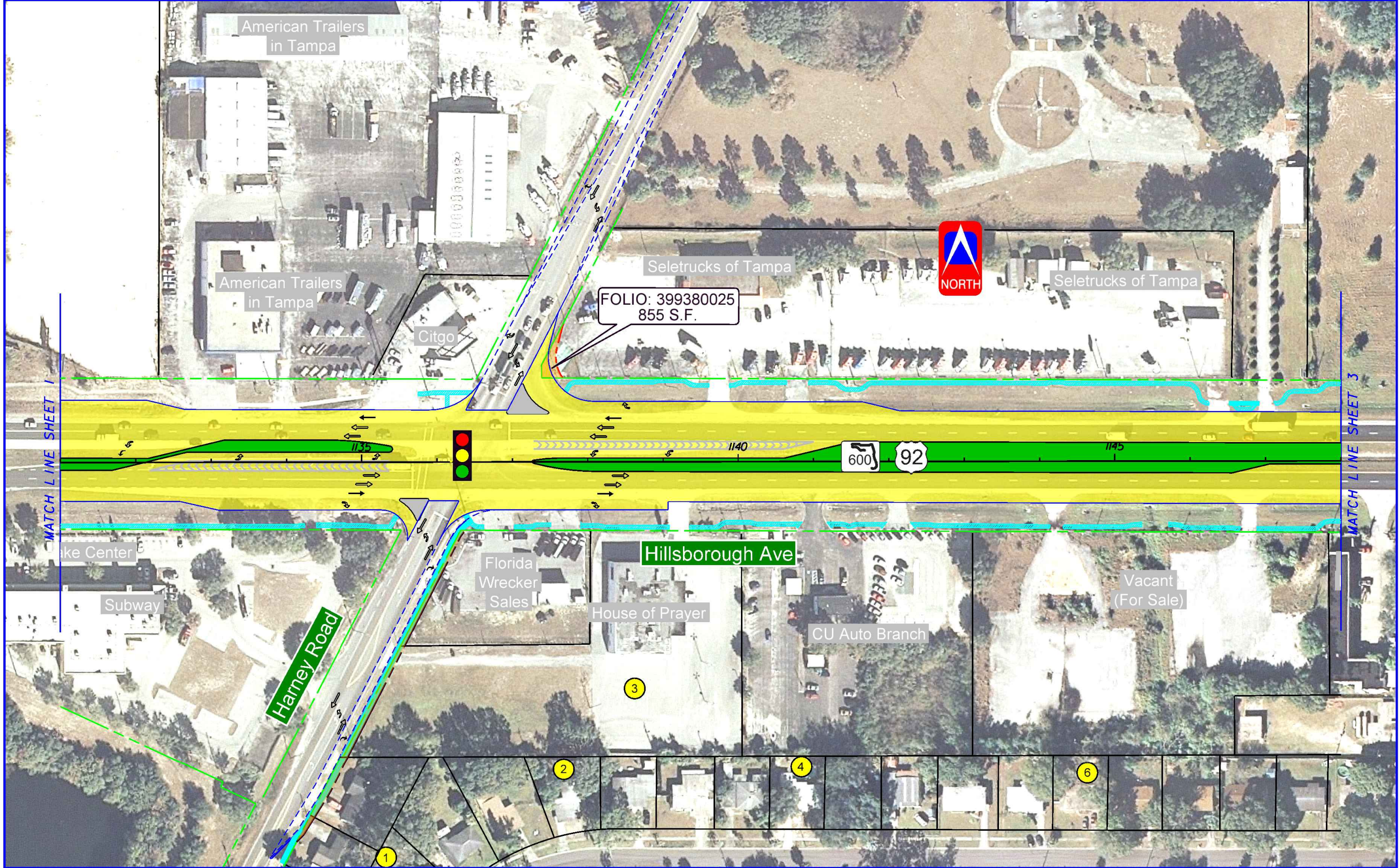


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FIGURE 4-1
NOISE SENSITIVE SITES

WPI SEG. NO.: 430054-1

SHEET
 NO.
 1 OF 5



LEGEND	PROPOSED ROADWAY	POTENTIAL BARRIER WALL	PROPOSED EDGE OF PAVEMENT
	PROPOSED MEDIAN (CONCRETE)	EVALUATED BARRIER - NOT FEASIBLE	PROPERTY LINES
	PROPOSED MEDIAN (SOD)	NOISE SENSITIVE SITE #	EXISTING ROW
	PLANNED / PROPOSED SIDEWALK	EXISTING/PROPOSED LANE	PROPOSED ROW TO BE ACQUIRED

0 30 120
 Feet
 DATE OF AERIAL: 2010

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FIGURE 4-1
NOISE SENSITIVE SITES

WPI SEG. NO.: 430054-1

SHEET NO.
2 OF 5



LEGEND		PROPOSED ROADWAY		POTENTIAL BARRIER WALL		PROPOSED EDGE OF PAVEMENT
		PROPOSED MEDIAN (CONCRETE)		EVALUATED BARRIER - NOT FEASIBLE		PROPERTY LINES
		PROPOSED MEDIAN (SOD)		NOISE SENSITIVE SITE #		EXISTING ROW
		PLANNED / PROPOSED SIDEWALK		EXISTING/PROPOSED LANE		PROPOSED ROW TO BE ACQUIRED

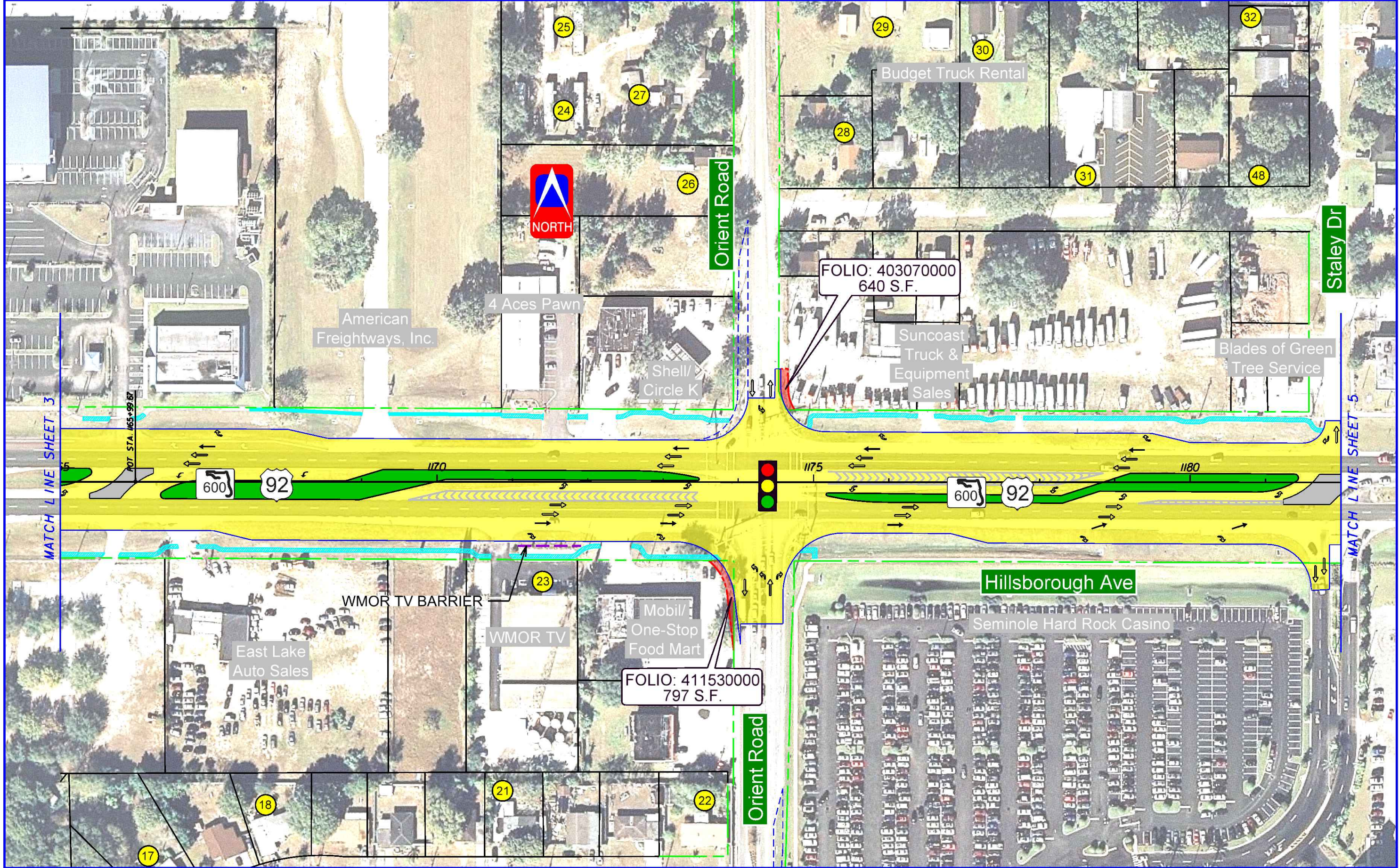
0 30 120
 Feet
 DATE OF AERIAL: 2010

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FIGURE 4-1
NOISE SENSITIVE SITES

WPI SEG. NO.: 430054-1

SHEET NO.
3 OF 5



LEGEND

	PROPOSED ROADWAY		POTENTIAL BARRIER WALL		PROPOSED EDGE OF PAVEMENT
	PROPOSED MEDIAN (CONCRETE)		EVALUATED BARRIER - NOT FEASIBLE		PROPERTY LINES
	PROPOSED MEDIAN (SOD)		NOISE SENSITIVE SITE #		EXISTING ROW
	PLANNED / PROPOSED SIDEWALK		EXISTING/PROPOSED LANE		PROPOSED ROW TO BE ACQUIRED

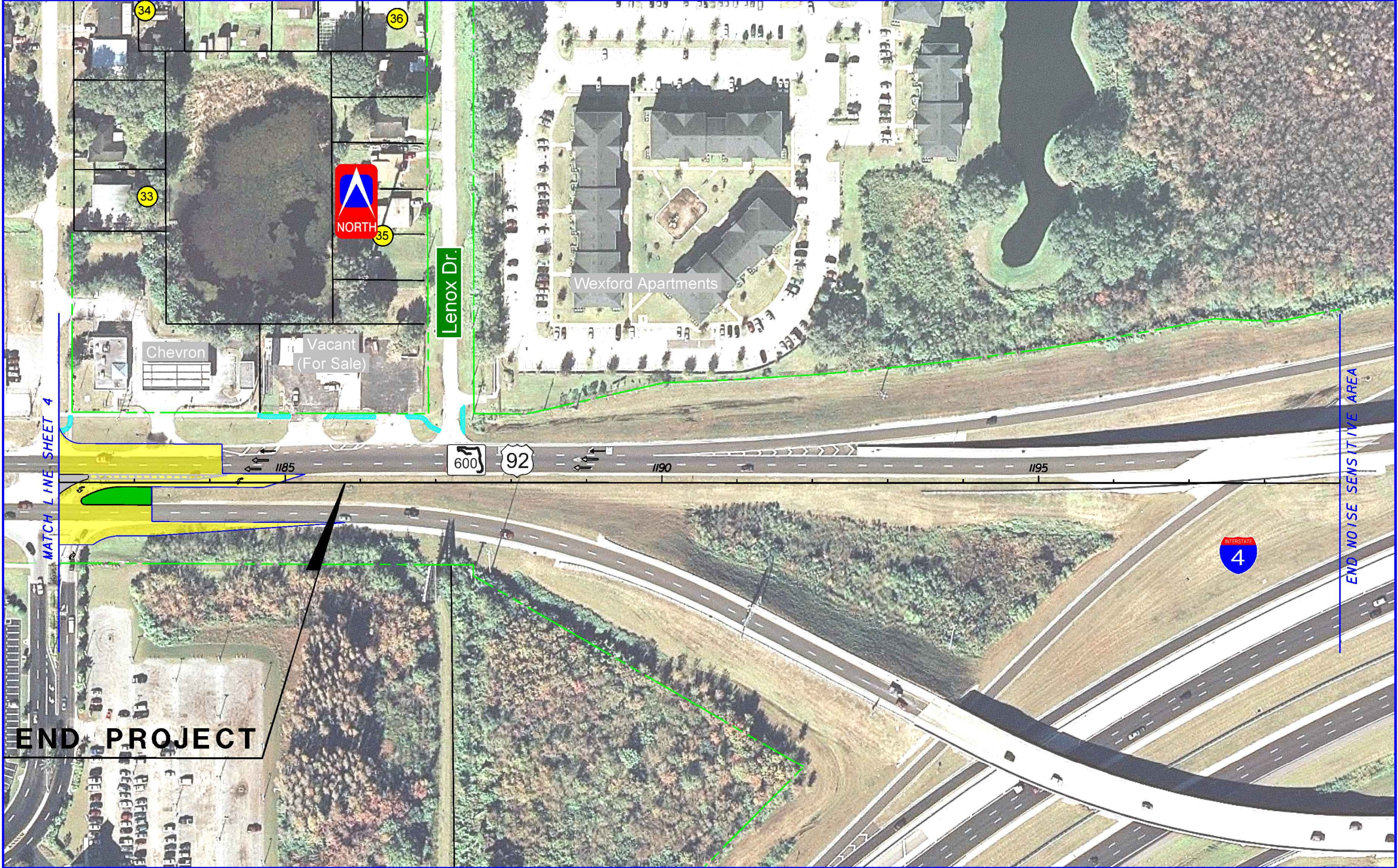
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FIGURE 4-1
NOISE SENSITIVE SITES

WPI SEG. NO.: 430054-1

SHEET NO.
4 OF 5

0 30 120
 Feet
 DATE OF AERIAL: 2010



LEGEND		PROPOSED ROADWAY		POTENTIAL BARRIER WALL		PROPOSED EDGE OF PAVEMENT
		PROPOSED MEDIAN (CONCRETE)		EVALUATED BARRIER - NOT FEASIBLE		PROPERTY LINES
		PROPOSED MEDIAN (SOD)		NOISE SENSITIVE SITE #		EXISTING ROW
		PLANNED / PROPOSED SIDEWALK		EXISTING/PROPOSED LANE		PROPOSED ROW TO BE ACQUIRED

0 30 120
 Feet
 DATE OF AERIAL: 2010

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FIGURE 4-1
NOISE SENSITIVE SITES

WPI SEG. NO.: 430054-1

SHEET NO.
 5 OF 5

Various factors affect the “transmittal” of sound from a source to a receptor. These factors include vegetation, intervening structures, elevation of the source and/or the receptor, surrounding topography and the type of ground surface between the source and the receptor. The attenuation (reduction) of sound levels due to intervening structures occurs when a receptor’s view (line-of-sight) is obstructed or partially obstructed by dense objects (e.g. rows of buildings or other barriers). The attenuation provided by a row of buildings depends on the actual density and length of the row occupied by the buildings.

4.1.4 Measured Noise Levels

As previously stated, future noise levels with the proposed improvements were modeled using the TNM Version 2.5. To ensure that these predictions were as accurate as possible, the computer model was validated using measured noise levels at locations adjacent to the project corridor. Traffic and meteorological data, including traffic volumes, traffic vehicle speeds, background noise and atmospheric conditions were recorded during each measurement period.

The field measurements for Hillsborough Avenue were conducted in accordance with the FHWA’s Measurement of Highway Related Noise. Each field measurement was obtained using a Casella CEL-593 Type 1 Sound Level Meter. The meter was calibrated before and after each monitoring period with a Casella CEL-284 Type 1 Sound Level Calibrator.

The measured field data were used as input for the TNM to determine if, given the topography and actual site conditions of the area, the computer model could “re-create” the measured noise levels with the existing roadway. Following FDOT guidelines, a noise prediction model is considered valid for the use of predicting traffic noise levels if the measured and predicted noise levels are within a tolerance standard of 3.0 dB(A). Field measurements were taken on September 21, 2011 outside of Emery’s Topper Sales located at 6601 East Hillsborough Avenue. The sound level meter was placed approximately 15 feet from the edge of the eastbound lanes of Hillsborough Avenue at a height of 5 feet above ground. The location at which the measurements were taken can be seen in **Figure 4-1**. Three sets of 10-minute measurements were taken that included both directions of traffic. Data collected in the field can be found in **Appendix D**.

Table 4-2 presents the field measurements and the computer validation results for the location along Hillsborough Avenue. As shown, the ability of the model to accurately predict noise levels for the project was confirmed. The field measures were all higher than the computer-modeled levels, but within the 3.0 dB(A) tolerance. Additional documentation in support of the validation is provided in **Appendix D** of this report.

Table 4-2 Validation Data

Location	Measurement Period	Measured in dB(A)	Modeled in dB(A)	Difference in dB(A)
6601 East Hillsborough	16:04 – 16:14	73.9	71.5	2.4
6601 East Hillsborough	16:18 - 16:28	71.5	71.3	0.2
6601 East Hillsborough	16:32 - 16:42	71.7	71.6	0.1
Measurements were obtained on September 21, 2011.				

4.1.5 Results

Thirty-seven (37) receptors were modeled representing 78 noise sensitive sites along the project corridor. **Table 4-3** presents the calculated existing (2010) and future year (2040) traffic noise levels for noise-sensitive sites adjacent to Hillsborough Avenue. Documentation in support of the analysis is provided in **Appendix E** (published separately).

As shown in **Table 4-3**, the results of the analysis indicate that existing (2010) and future no-build (2040) exterior noise levels are predicted to range from 48.9 to 68.6 dB(A) with levels predicted to approach, meet, or exceed the NAC at eight sites (four receptors in TNM). In the future (2040), with the proposed improvements to Hillsborough Avenue, exterior traffic noise levels are predicted to range from 50.7 to 70.7 dB(A), with levels predicted to approach, meet, or exceed the NAC at four sites (seven receptors in TNM).

When compared to the existing condition, interior and exterior traffic noise levels are predicted to increase 1.2 to 3.2 dB(A) with the improvements to Hillsborough Avenue. As such, none of the sites are predicted to experience a substantial increase (15.0 dB(A) or more) in traffic noise as a result of the project. Noise abatement measures were evaluated for the four noise-sensitive sites predicted to be affected by the proposed improvements to Hillsborough Avenue. The results of the evaluation are presented in the sections to follow.

4.1.6 Evaluation of Abatement Alternatives

The FDOT considers abatement alternatives when predicted traffic noise levels approach, meet, or exceed the NAC. The measures considered for the Hillsborough Avenue improvements were traffic management, alternative roadway alignment, property acquisition, and noise barriers. The following discusses the feasibility (engineering considerations) and reasonableness (amount of noise reduction provided, number of noise-sensitive sites benefited, absolute noise levels, cost, etc.) of the measures.

4.1.6.1 Traffic Management Measures

The improvements to Hillsborough Avenue are meant to help alleviate future traffic congestion and aid in regional connectivity. Traffic management measures that limit motor vehicle speeds and reduce volumes can be effective noise mitigation measures; however, these measures can also negate a project's ability to accommodate forecast traffic volumes.

Table 4-3 Predicted Traffic Noise Levels

Site ID #	Site Name	Land Use*	# of Units	L _{Aeq} 1h (dBA)			Approaches Meets, or Exceeds NAC?
				Existing (2008) / No-Build (2040)**	Build (2040)	Difference between Build and Existing	
1	Receiver1	SF	4	57.5	59.5	2.0	No
2	Receiver2	SF	3	58.3	60.5	2.2	No
3	House of Prayer	Church	1	59.7	62.6	2.9	No
4	Receiver4	SF	3	57.8	60.6	2.8	No
6	Receiver6	SF	6	57.2	60.3	3.1	No
7	East Lake Inn	Hotel	1	60.0	63.0	3.0	No
8	Vacant Land ROW	Vacant	1	68.6	70.7	2.1	-
9	Vacant Land 500'	Vacant	1	54.2	56.7	2.5	-
10	Receiver10	SF	3	56.3	59.5	3.2	No
11	Receiver11	SF	3	55.2	57.4	2.2	No
12	Federal Credit Admin 2	BU	1	65.0	67.6	2.6	No
13	Receiver13	SF	5	48.9	50.7	1.8	No
14	Receiver14	SF	3	53.0	55.5	2.5	No
15	Receiver15	SF	2	53.3	55.8	2.5	No
16	Receiver16	SF	3	55.2	58.0	2.8	No
17	Receiver17	SF	2	55.5	58.1	2.6	No
18	Receiver18	SF	4	56.6	59.5	2.9	No
19	Federal Credit Union Branch	BU	1	63.9	66.6	2.7	No
20	Federal Credit Admin 1	BU	1	68.6	70.5	1.9	No
21	Receiver21	SF	2	57.7	60.1	2.4	No
22	Receiver22	SF	2	67.4	68.6	1.2	Yes
23	TV Station	BU	1	68.2	70.3	2.1	Yes
24	Receiver24	SF	2	57.9	60.3	2.4	No
25	Receiver25	SF	2	56.3	58.4	2.1	No
26	Receiver26	SF	1	63.9	65.5	1.6	No
27	Receiver27	SF	1	59.5	61.4	1.9	No
28	Receiver28	SF	2	62.6	64.1	1.5	No
29	Receiver29	SF	1	58.2	59.8	1.6	No
30	Receiver30	SF	1	56.6	58.5	1.9	No
31	First Pentecostal Tabernacle	Church	1	58.4	60.1	1.7	No
32	Receiver31	SF	3	54.5	56.2	1.7	No
33	Receiver32	SF	2	57.0	58.9	1.9	No
34	Receiver33	SF	1	53.6	55.6	2.0	No
35	Receiver34	SF	3	57.5	59.9	2.4	No
36	Receiver35	SF	4	53.4	55.6	2.2	No
48	Receiver 36	SF	1	58.0	59.6	1.6	No
59	Abundant Love	Church	1	67.2	69.2	2.0	Yes

*SF = Single Family Residence, AP = Apartment Community, BU = Business Offices

For example, if the posted speed limit on Hillsborough Avenue were reduced, the capacity of the roadway to handle the forecast traffic demand would also be reduced; therefore, reducing traffic speeds and/or traffic volumes is inconsistent with the goal of improving the ability of the roadway to handle the forecast volumes. As such, although feasible, traffic management measures are not considered a reasonable noise mitigation measure for the project.

4.1.6.2 Alignment Modification

The proposed alignment seeks to minimize the need for additional ROW within the project corridor. A shift in the roadway alignment would result in the need for additional ROW. As such, an alternative roadway alignment is not considered a reasonable noise mitigation measure for the project.

4.1.6.3 Property Acquisition

The acquisition of property to provide noise buffers is not feasible due to the high cost and/or the unavailability of vacant land in proximity to noise-sensitive sites.

4.1.6.4 Noise Barrier Analysis

Noise barriers reduce noise levels by blocking the sound path between the source and the receptor. In order to effectively reduce traffic noise, a noise barrier must be relatively long, continuous (without intermittent openings), and sufficiently tall to provide a reduction in noise levels. Following FDOT procedures found within the PD&E Manual, the minimum requirements for a noise barrier to be considered both feasible and economically reasonable are:

- The barrier must provide at least a 7.0 dB(A) reduction for at least one impacted receptor.
- The barrier must reduce traffic noise levels a minimum of 5.0 dB(A) for at least two impacted receptors.
- The barrier should not cost more than \$42,000 per benefited receptor (a benefited receptor is a site that receives at least a 5.0 dB(A) reduction in noise from the barrier), unless a higher level of expenditure can be justified by other circumstances. The current estimated cost to construct a noise barrier (materials and labor) is \$30.00 per square foot.

Other factors considered when evaluating noise barriers as a potential noise abatement measure address both the feasibility of the barriers (given site-specific details, can a barrier actually be constructed) and the reasonableness of the barriers.

Feasibility factors that relate to noise barriers include driver/pedestrian sight distance (safety), ingress and egress requirements to and from affected properties, ROW requirements including access rights and easements for construction and/or maintenance, impacts on existing/planned utilities, and drainage.

Reasonableness factors include:

- The relationship of the predicted future noise levels to the NAC (do the predicted levels approach, meet, or exceed the NAC);
- Land use stability (are the noise-sensitive land uses likely to remain for an indefinite period of time);
- Antiquity (the amount of development that has occurred before and after the initial construction of a roadway);
- The desires of the affected property owners to have a noise barrier adjacent to their property; and
- Aesthetics.

As previously stated, in year 2040 with the proposed improvements to Hillsborough Avenue, noise levels are predicted to approach, meet, or exceed the NAC at 20 noise-sensitive sites along the project corridor. TNM accounts for the shielding effect of a noise barrier, the diffraction of sound over a noise barrier, and the effects of the ground between a barrier and a receptor (i.e. sound absorption). The net effect of the barrier shielding is referred to as “insertion loss”. In other words, insertion loss is the difference in sound level before and after the installation of the barrier.

The following presents the results of a noise barrier analysis performed to determine if noise barriers would provide the minimum required insertion loss (or more) at a cost within the guidelines for those sites predicted to be affected by traffic noise with proposed improvements. Documentation in support of the noise barrier analysis is provided in **Appendix F** (published separately).

Barrier 1: Abundant Love Worship Center

Barrier 1 was evaluated for the impacted Abundant Love Worship Center. The church is expected to experience a traffic noise level of 69.2 dB(A), a level that exceeds the NAC.

Due to the extensive driveways along the corridor, the barrier was limited to a length of 125 feet. Results of this analysis indicated that this barrier would not be able to provide a 5.0 dB(A) reduction at any noise sensitive site at any height evaluated and therefore is not recommended for further consideration. At a maximum height of 22 feet the barrier provided a 4.9 dB(A) reduction at the church.

Since no exterior abatement at this site was considered reasonable and feasible, a conservative approach of a 20.0 dB(A) interior reduction (based on a light frame building type with closed windows) of the exterior noise levels was applied. With the improvements to Hillsborough Avenue, the Abundant Love Worship Center is predicted to reach noise levels of 69.2 dB(A). With interior reduction factor, the interior noise is expected to be 49.2 dB(A), which is below the NAC for interior locations (Activity Category D) of 51.0 dB(A).

Barrier 2: WMOR TV Studio Barrier

Barrier 2 was evaluated for the impacted WMOR Television Studio. The television studio is expected to experience a traffic noise level of 70.3 dB(A), a level that exceeds the NAC. The impacted frequent use area can be described as the entire site.

Due to the extensive driveways along the corridor, the barrier was limited to a length of 84 feet. Results of this analysis indicated that this barrier would not be able to provide a 5.0 dB(A) reduction at any height evaluated and therefore is not recommended for further consideration. At a maximum height of 22 feet the barrier provided a 3.0 dB(A) reduction at the television studio.

Since no exterior abatement at this site was considered reasonable and feasible, a conservative approach of a 20.0 dB(A) interior reduction (based on a light frame building type with closed windows) of the exterior noise levels was applied. With the improvements to Hillsborough Avenue, the WMOR Television Studio is predicted to reach noise levels of 70.3 dB(A). With interior reduction factor, the interior noise is expected to be 50.3 dB(A), which is below the NAC for interior locations (Activity Category D) of 51.0 dB(A).

4.1.7 Summary and Commitments

Noise abatement measures were evaluated for the noise-sensitive sites predicted to be affected by the proposed improvements to the Hillsborough Avenue corridor. The measures are traffic management, alignment modifications, property acquisition, land use controls, and noise barriers. Although feasible, traffic management, alignment modification, land use controls and property acquisition were determined to be unreasonable methods to reduce the predicted traffic noise levels for the affected sites.

Based on the results of the analysis, it appears that no noise barriers would be a feasible and cost-reasonable method of reducing predicted traffic noise levels. This category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impacts Checklist since minimal site were impacted by the proposed improvements.

The FDOT will perform an update to this noise analysis during the final design phase for this project. During final design, a commitment to construct any feasible and reasonable noise abatement barrier will be contingent upon the following conditions:

- A detailed noise analysis during the final design process for the Hillsborough Avenue improvements supports the need for the abatement;
- The analysis indicates that the estimated cost of the barriers during the design process will not exceed the cost reasonable guidelines;
- Community input regarding desires, types, heights, and locations of the barriers are solicited by the District Office, and the communities desire the barriers;

- Preferences regarding compatibility with adjacent land uses, particularly as addressed by officials having jurisdiction over such land uses, are noted;
- Safety and engineering aspects related to the roadway users and the adjacent property owners are reviewed and there are no restrictions on construction of the barriers; and
- Any other mitigating circumstances revealed during final design have been analyzed and resolved.

4.1.8 Noise Contours

Land use controls can be used to minimize traffic noise in future developments or areas where redevelopment occurs. Land uses such as residences, schools, churches, recreation areas and parks are considered incompatible with highway noise levels above 66.0 dB(A). In order to reduce the possibility of additional sites being located within an area with traffic noise of this level, noise level contours were developed for the future improved roadway facility. These noise contours delineate the unobstructed distance from the improved roadways edge of pavement where the FHWA’s NAC is predicted to be approached (within 1.0 dB(A) of the NAC). Local planning officials can use the noise contour information to avoid development of noise sensitive land uses.

The extent of the 66.0 dB(A) noise level contour on Hillsborough Avenue is approximately 135 feet from the roadway’s proposed outside edge of pavement.

4.2 Air Quality

The ETDM *Programming Screen Summary Report* documented the following Degree of Effect for Air Quality Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
USEPA	Minimal
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

The proposed project is located in Hillsborough County, an area currently designated as being attainment for the following criteria air pollutants: nitrogen dioxide, particulate matter (2.5 microns in size and 10 microns in size), sulfur dioxide, carbon monoxide and lead. Ozone is currently designated at attainment.

The project alternatives were subjected to a carbon monoxide (CO) screening model that makes various conservative worst-case assumptions related to site conditions, meteorology and traffic. The FDOT’s screening model CO Florida 2004 (released September 7, 2004) uses the latest U.S. EPA approved software (MOBILE6 and CAL3QHC) to produce estimates of one-hour and eight-hour CO at default air quality receptor locations. The one-hour and eight-hour estimates can be directly compared to the one- and eight-hour National Ambient Air Quality Standards (NAAQS) for CO that are 35-parts per million (ppm) and 9-ppm, respectively.

The roadway intersection forecast to have the highest total traffic volumes located within the project limits is Hillsborough Avenue at 56th Street. Traffic for the Build and No-Build scenarios are the same. The Build scenario for both the opening year (2020) and design year (2040) were evaluated.

Estimates of CO were predicted for the default receptors which are located 10 feet to 150 feet from the edge of roadway. The maximum impacts occur in the No-Build conditions and are 10.5-ppm for the 1-hour concentration and 6.3-ppm for the 8-hour concentrations. Based on the results from the screening model, the highest project-related CO one- and eight-hour levels are not predicted to meet or exceed the one- and eight-hour NAAQS for this pollutant with either the Build or No-Build alternatives. As such, the project “passes” the screening model. The results of the screening model along with the traffic data used in the analysis are attached in **Appendix G**.

The project is located in an area which is designated attainment for all of the NAAQS under the criteria provided in the Clean Air Act; therefore, the Clean Air Act conformity requirements do not apply to the project. Therefore, this category has been designated as NONE on the Summary of Environmental Impacts Checklist.

4.3 Construction

During the construction phase of the proposed project, short-term noise and air quality impacts may be generated by stationary and mobile construction equipment. Construction of roadway improvements may have a temporary impact on noise-sensitive sites and local air quality adjacent to the project corridor. Construction noise and air pollution will be controlled by the adherence to the most recent edition of the FDOT’s *Standard Specifications for Road and Bridge Construction*.

Using FDOT’s listing of vibration sensitive sites; residences were identified as potentially sensitive to vibration caused during construction. If during final design it is determined that provisions to control vibration are necessary, the project’s construction provisions can include the necessary provisions as needed. A more detailed description of the proposed construction method can be found in **Section 6.6** of the *PEA*. This category has been designated as NOT SIGNIFICANT In the Summary of Environmental Impact Checklist.

4.4 Contamination

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Contaminated Site Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
FDEP	Moderate
USEPA	Minimal
SWFWMD	Moderate
Summary Degree of Effect	
Final Summary Degree of Effect	Moderate

4.4.1 Methodology

A regulatory database search was requested from FirstSearch Technology Corporation along the entire project corridor (**Appendix H**). The results of this search were used as a basis for performing the contamination evaluation conducted at part of this compendium. The database research includes an evaluation of the following:

1. National Priorities List (NPL) and Proposed NPL
2. Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
3. Comprehensive Environmental Response, Compensation, and Liability Information System Archived Sites (NFRAP)
4. Resource Conservation and Recovery Information System Treatment, Storage and Disposal Facilities (RCRA TSD)
5. Resource Conservation and Recovery Information System Sites (RCRA COR and RCRA GEN)
6. Emergency Response Notification System (ERNS)
7. Florida Sites List (FSL)
8. Solid Waste Facilities (SWF)
9. FL Cattle Dipping Vats
10. Dry Cleaning Facilities
11. Underground Storage Tank Database (UST)
12. Aboveground Storage Tank Database (AST)
13. Tribal Land Underground Storage Tanks
14. Leaking Underground Storage Tanks List (LUST)
15. Stationary Tank Inventory System (STI)

In addition to the database search of potential contamination sites, a field review was conducted in April 2011 to further supplement the database results. The purpose of the field review was to observe signs of other possible contamination sources not listed in the database search. This included a review of the following:

- Structures
- Potential sources of surface contamination
- Potential sources of airborne contamination
- Potential sources of waterborne contamination
- Tenant activities and general site conditions

Also, a review of aerial photographs was conducted to determine potential problem areas. A list of the locations of all sites within the study area is included in **Table 4-6**. The Map ID numbers correspond to **Figure 4-2** provided below.

Sites identified as contaminated or potentially contaminated were further evaluated to determine the extent of contamination or the risk of contamination. There were 25 sites evaluated within the proposed project limits. The assignment of a risk rating was based on the current and past existence of hazardous materials or petroleum products and the potential of the material/product to be encountered during proposed roadway expansion activities. The rating system developed by the FDOT as part of the PD&E process expresses the likelihood that hazardous material or petroleum products exist and the potential impact on roadway construction.

The hazardous material rating system is divided into four degrees of risk as defined by the FDOT in the PD&E Manual. These include **No**, **Low**, **Medium**, and **High** potential for risk. A brief description of each risk rating includes the following:

No Risk

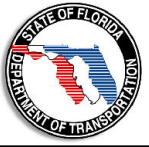
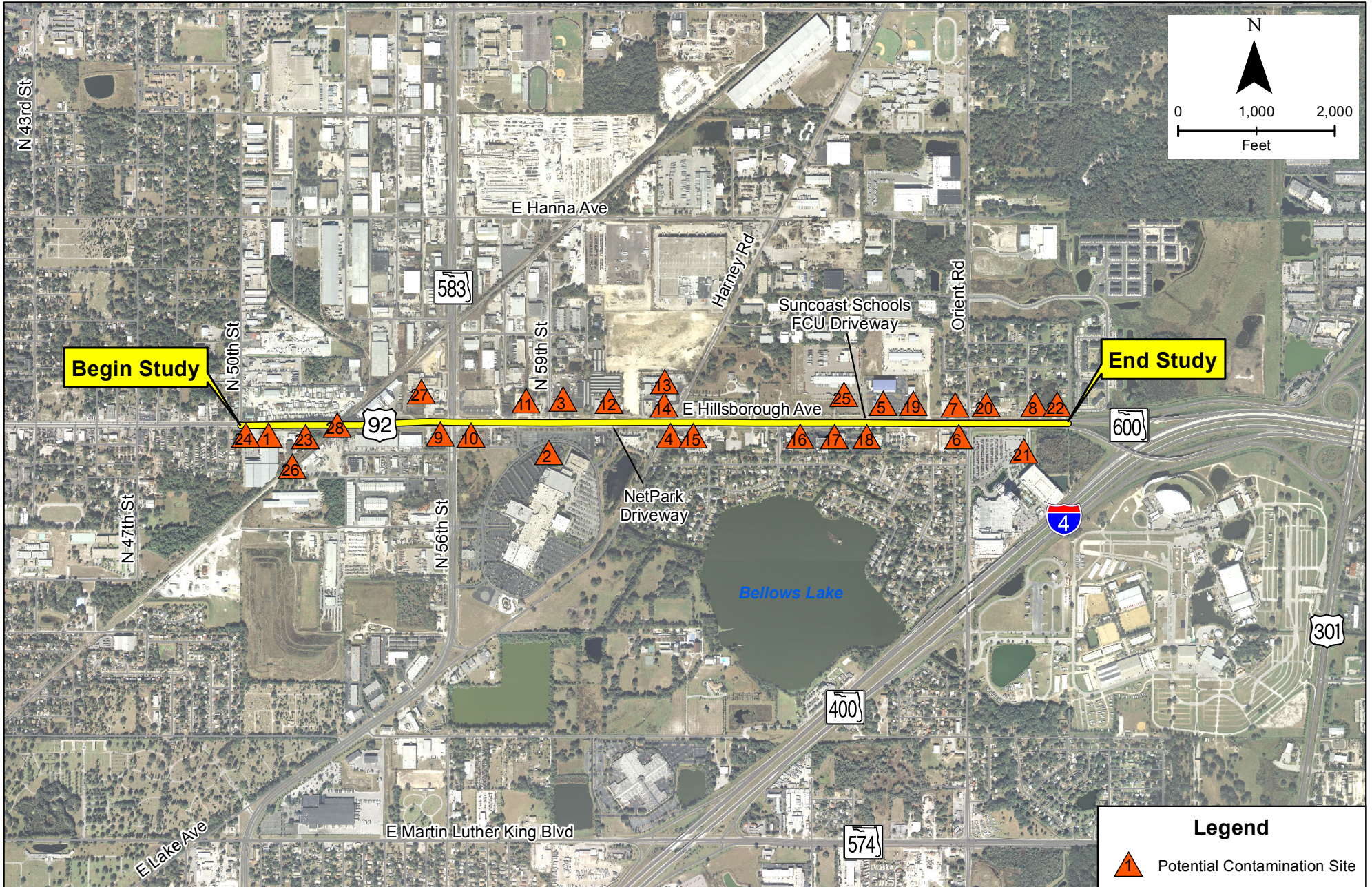
A review of all available information finds there is nothing to indicate contamination would be a problem. It is possible that contaminants were handled on the property; however, all information (DEP reports, monitoring wells, water and soil samples, etc.) indicate that contamination problems should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

Low Risk

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

Table 4-4 Potential Contamination Sites

Site ID No.	Site Name	Contamination Risk	Side of Hillsborough Avenue
1	L&J Transport	Medium	South
2	NetPark	Medium	South
3	Cummins Southeastern Power	Medium	North
4	Fred Berger Trustee (Florida Wrecker Sales)	Medium	South
5	Suncoast Schools Federal Credit Union	Medium	North
6	Mobil Orient 129	Medium	South
7	Circle K #8532	Medium	North
8	Chevron Seminole 181	Medium	North
9	Marathon 453 (Formerly Exxon 40146)	Low	South
10	Hillsborough BP #324	Low	South
11	Tri W Rental (Abundant Love Worship)	Low	North
12	Cribbs and Rios Autobody	Low	North
13	American Trailers / Performance Ford	Low	North
14	Uncles Willies Sandwich Shop / Citgo Station	Low	North
15	House of Prayer (formerly Avis Rent-a-Car)	No	South
16	Suncoast Schools Federal Credit Union	Low	South
17	Suncoast Schools Federal Credit Union	Low	South
18	Suncoast Schools Federal Credit Union	Low	South
19	Suncoast Schools Federal Credit Union	Low	North
20	Dealer's Wholesale Outlet	Low	North
21	Adstaff Inc (Located on Seminole Hard Rock Property)	No	South
22	Tampa Diesel Service Inc	Low	South
23	Steward-Mellon Inc	No	South
24	Tamco	Low	South
25	Averitt Express	Low	North
26	CSX Railroad	Medium	Crosses
27	Asphalt Plant	Medium	North
28	Hillsborough Ave Bridge No. 100021	Low	N/A



Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
 WPI Segment No. 430054-1
 Hillsborough County

Potential Contamination Site Map

Figure 4-2

Medium Risk

After a review of all available information, indications are found (reports, Notice of Violations, consent orders, etc.) that identify known soil and/or water contamination and that the problem does not need remediation, is being remediated (i.e., air stripping of the groundwater, etc.), or that continued monitoring is required. The complete details of remediation requirements are important to determine what the Department must do if the property were to be acquired. A recommendation should be made on each property falling into this category to its acceptability for use within the proposed project, what actions might be required if the property is acquired, and the possible alternatives if there is a need to avoid the property.

This rating expresses the degree of concern for potential contamination problems. Known problems may not necessarily present a high cause for concern if the regulatory agencies are aware of the situation and corrective actions are either underway or complete. The actions may not have an adverse impact on the proposed project.

High Risk

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

Hazardous Waste

Hazardous waste is defined by the EPA as a material exhibiting ignitable, corrosive, reactive, or toxic properties. The EPA has identified several thousand chemical compounds that possess one or more of these properties. These compounds are identified as part of the EPA list of hazardous and toxic waste contained in the CFR 40, Part 261 EPA regulation. The State of Florida has adopted EPA's definition of hazardous waste as well as the EPA list of waste types. Any hazardous material that has spilled or leaked and contaminated the soil or groundwater can be considered a hazardous waste. However, petroleum products spilled or leaked (and contaminating soil and groundwater) are not considered a hazardous waste, and therefore are exempt from hazardous waste federal regulation.

Potential Hazardous Waste Sites

For the purposes of this report, a potential hazardous waste site is a parcel of land upon which hazardous material are or were produced, stored or accumulated, regardless of the disposal method. Included in this category are gas stations and other businesses that store hazardous products, materials, or waste in tanks either above or underground. This definition is not

meant to imply that these sites are contaminated, but that the operations conducted on them involve hazardous materials and the overall potential exists for contamination if these materials were not properly handled on these sites. This definition also does not mean that petroleum products from gas station activities fall under regulatory scrutiny within hazardous waste regulations by either the EPA or the FDEP.

Contamination

Contamination is defined as the presence of any regulated material/chemical contained within the soil, surface water or groundwater on or adjacent to FDOT property or proposed project property, that may require assessment, remediation, or special handling, or that has a potential for liability. These materials would include, but not be limited to, those substances normally referred to as petroleum or petroleum product.

4.4.2 Project Impacts

This section of the contamination evaluation of the *ETC* includes a description of each potential contamination site as mentioned previously in **Table 4-6** and depicted in **Figure 4-2**. These sites represent the comprehensive list as determined from a combination of data sources. Photos of these sites are included in **Appendix I**.

Potential Contamination Site 1 – L & J Transport

The L&J Transport facility is located at 5017 E. Hillsborough Avenue, on the south side of Hillsborough Avenue near the west end of the project corridor. According to data within the *FirstSearch* report, this facility is closed. The site is listed on UST, LUST, and Spills databases; however, there are no records for this facility on the FDEP Oculus database. Due to the lack of information for this site and the fact that it is listed on the LUST and Spills databases, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 2 – NetPark

This facility is currently Net Park, which consists of numerous businesses, and is located at 5701 E. Hillsborough Avenue. This site appears that it may have been a mall or some type of retail center, based on the fact that J.C. Penney, Belk, and Montgomery Ward were previously identified sites with UST's that are currently closed. Active sites at this location include Verizon Wireless Call Center, Oklahoma Installation Co., NetPark – CP Ships, Humana, Medco Health Solutions Inc., and Baycare Health System Data Center. The sites identified at this location, past and present, were identified within the UST, LUST, Spills and RCRA databases. No information is located on the FDEP Oculus website, with the exception of one discharge checklist for the Belk Lindsey site, which is closed. The *FirstSearch* report indicates that a discharge of vehicular diesel was recorded at this site on June 10, 1992, and no cleanup was required for this discharge. Another discharge was recorded on December 31, 1992, and no cleanup was required for this discharge. The *FirstSearch* report did not identify the source of the discharge. There are currently seven UST's associated with the Verizon Wireless – Tampa Call Center, Net

Park – CP Ships, Humana, Medco Health Solutions Inc., Net Park, and Baycare Health System – Data Center. The tanks range in size from 1,000 – 6,000-gallons and are used for diesel fuel for generator backup. Based on the activity that has occurred at this site and the presence of multiple diesel tanks on site, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 3 – Cummins Southeastern Power, Inc

This site is located at 5910 E. Hillsborough Avenue, on the north side of the road east of 59th Street. No information was available on the FDEP Oculus database; however, according to the *FirstSearch* report there was a reported 290-gallon diesel spill on August 26, 1999, from a non-regulated AST. Cleanup was required and as of 2004, it appears cleanup was completed. There were five UST's at this site ranging from 275 – 1,000-gallons for storage of vehicular diesel, waster oil, and new oil. As of July 1991, all tanks have been closed and removed. Based on the information regarding cleanup of the discharge from the non-regulated AST and the fact that the UST's have been closed and removed, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 4 – Fred Berger Trustee (Florida Wrecker Sales)

This site is located at 6301 E. Hillsborough Avenue on the south side of the road east of Harney Road. During field reviews, the site was identified as Florida Wrecker Sales. A discharge was reported on April 7, 1995. According to a Site Manager Summary Report found on the FDEP Oculus database, an Interim Remediation Action (IRA) was completed in May 1995 where approximately 80-tons of excessively contaminated soils were removed. According to this same report, the discharge was granted No Further Action status on October 17, 1995. The discharge appears to be associated with former waste oil and gasoline USTs as well as a concrete sump and sump discharge area. There is no further information identifying existing USTs or other potential contamination activities. Since a discharge was reported at this site, even though cleanup has been complete, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 5 – Suncoast Schools Federal Credit Union

The Suncoast Schools Federal Credit Union is located at 6804 E. Hillsborough Avenue on the north side of the road west of Orient Road. According to data found on the FDEP Oculus database, this site was formerly the New Cigar City Truck Stop. Discharges were reported on September 9, 1988, August 20, 1991, and September 30, 1999. Cleanup was required for the discharge dated September 9, 1988, and is reported as ongoing as of January 1, 2011. The other two discharges were reported to have no cleanup required. This site is reported to have had six UST's, four that were used for vehicular diesel and two for unleaded gas. According to the *FirstSearch* report all of the tanks were removed as of October 2001. There is one 3,000-gallon AST in-service that was installed September 1, 2005, and is used for emergency generator diesel. Information showing the location of the former UST's, layout of the truck stop, and the location of the existing AST are shown in a packet from Oculus in **Appendix J**. Based on the former use of

this site, the reported discharges and potential on-going cleanup, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 6 – Mobil-Orient 129

The Mobil gas station is located at 7209 E. Hillsborough Avenue in the southwest corner of Hillsborough Avenue and Orient Road. A discharge of unleaded gas was reported at this site on November 30, 1988. Cleanup was required and according to the *FirstSearch* report, cleanup has been completed. Two 6,000-gallon tanks for unleaded gas and one 6,000-gallon tank for leaded gas were removed from this site. There are three existing 10,000-gallon tanks for unleaded gas currently at this site. These tanks were installed in October 1990. No further information, with the exception of the site scoring checklist, was available on the FPEP Oculus site. Since a discharge has been reported at this site, even though there is indication that cleanup has been conducted, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 7 – Circle K #8532

This site is located at 7220 E. Hillsborough Avenue at the northwest corner of Hillsborough Avenue and Orient Road. It is a retail gas station and convenient store. Two discharges have been reported at this site, April 15, 1988 and April 27, 2004. Cleanup was required for both discharges; the cleanup is listed as active and ongoing for the 1988 discharge and inactive for the 2004 discharge. The *FirstSearch* report indicates that a closure report was conducted for the 2004 discharge; however, the EPCHC indicated in a letter dated January 12, 2005, that 'EPC staff will wait for the pre-existing (historical) April 15, 1988 Early Detection Incentive (EDI)-eligible petroleum discharge to be cleaned up before drafting a Site Rehabilitation Completion Order (SRCO) for the April 27, 2004 non-program petroleum discharge for issuance by the FDEP'. This letter and other information from the FDEP Oculus database can be found in **Appendix J**. There were three 4,000-gallon tanks originally installed in 1970 containing gasohol, leaded gas and vehicular diesel, and one installed in 1982 for gasohol. These tanks have all been removed. There are currently three 9,816-gallon tanks, two for unleaded gas and one for vehicular diesel, which are in-service and were installed in April 1988. Since this site has reported discharges in the past and it appears that the discharge from April 1988 has not been cleaned up, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 8 – Chevron-Seminole 181

The Chevron Seminole 181 is located at 7702 E. Hillsborough Avenue on the north side of Hillsborough Avenue near the ramps from I-4. Discharges of vehicular diesel have been reported at this site on January 5, 1987 and April 12, 1991. According to the *FirstSearch* report cleanup was required for the discharge from 1987 and is reported to be active and ongoing. It appears that a *Contamination Assessment Report* (CAR) and Remedial Action Plan (RAP) have been completed for this discharge. There was no information found on the FDEP Oculus site to identify that cleanup has been completed. According to a letter from Metcalf and Eddy, there is a figure indicating that groundwater flows toward the northeast away from Hillsborough

Avenue. According to the same letter, it appears the volatile organics are located near the north of the site. Site information can be found in **Appendix J**. A total of ten previous tanks installed between 1976 and 1984 have been removed. These tanks ranged in size from 3,000-20,000-gallons and contained unleaded gas, vehicular diesel and kerosene. Currently there are three 10,000-gallon tanks for unleaded gas that were installed in June 1999. Since this site has reported discharges and it appears cleanup has not been completed, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 9 – Marathon 453-Hillsborough (formerly Exxon 40146)

The Marathon gas station is located at 5555 E. Hillsborough Avenue at the southwest corner of Hillsborough Avenue and N. 56th Street. This site is listed in the RCRA/NPL (formerly as the Exxon 40146) and the UST databases. No information is available in the FDEP Oculus database. According to the *FirstSearch* report, no spills or discharges have been reported at this site. Three 12,000-gallon UST's for unleaded gas were originally installed at this location in 1990 and have since been removed. There are currently two 15,000-gallon UST's, one for unleaded gas and one for vehicular diesel, that are in-service at this facility. Based on the fact that this site is a retail fueling station with active UST's for unleaded gas and vehicular diesel and there are no reported discharges, this site is ranked at **Low** for potential contamination.

Potential Contamination Site 10 – Hillsborough BP #324

The Hillsborough BP #324 retail gas station is located at 5601 E. Hillsborough Avenue on the southeast corner of Hillsborough Avenue and N. 56th Street. This facility is registered in the RCRA/NPL and UST databases. No information is available in the FDEP Oculus database. According to the *FirstSearch* report, no spills or discharges have been reported at this location. Four 4,000-gallon UST's (one for leaded gas and three for unleaded gas) were installed in 1968 and have since been removed. Three 10,000-gallon UST's for unleaded gas and one 500-gallon UST for waste oil were installed in 1987 and have also been removed. Three 10,000-gallon UST's for unleaded gas were installed in 2001 and are currently in-service. Since this is a gas station that appears to be operating in compliance, this site is ranked **Low** for potential contamination.

Potential Contamination Site 11 – Tri W Rental (Abundant Love Worship)

This facility is located at 5808 E. Hillsborough Avenue on the north side of Hillsborough Avenue and west of N. 59th Street. This facility is identified as Tri W Rental in the *FirstSearch* report and this site does not have a FDEP facility ID number, only a RCRA/NPL site ID number. Based on the field reviews conducted for this project and the address provided, this site is currently the Abundant Love Worship site. There are no reported discharges or incidences at this site; therefore, this site is listed as **Low** for potential contamination.

Potential Contamination Site 12 – Cribbs and Rios Autobody

Cribbs and Rios Autobody is located at 6012 E. Hillsborough Avenue on the north side of Hillsborough Avenue between N. 59th Street and Harney Road. This site is currently listed as

Swedish Motor Cars, Inc., Safelite Autoglass and Quick Lube Plus. It appears this facility provides full service automotive repairs and services. This site is listed in the RCRAIN database according to the *FirstSearch* report and is listed as RCRAIN site ID FLD982081432. There are no reported discharges or spills at this facility and no supporting information was located for this site. No obvious signs of contamination into the soil or groundwater were observed during the field review. Based on the lack of information of this site and no obvious signs of contamination, this facility is listed as **Low** for potential contamination.

Potential Contamination Site 13 – American Trailers/Performance Ford

The American Trailers (formerly Performance Ford) site is located at 6202 E. Hillsborough Avenue at the northwest corner of Hillsborough Avenue and Harney Road. The majority of the facility is located north away from the ROW. This site is listed in the UST and RCRAIN databases. According to the *FirstSearch* report, two 400-gallon tanks for new oil, one 400-gallon tank for waste oil and one 500-gallon tank for unleaded gas were installed at this facility in the late 1970's and were removed in the late 1980's. No spills or discharges have been reported for this site and no further information was found on the FDEP Oculus site or the *FirstSearch* report. Since this facility contained UST's but no spills or discharges were reported, this site is listed **Low** for potential contamination.

Potential Contamination Site 14 – Uncle Willies Sandwich Shop 2/Citgo Station

Uncles Willies Sandwich Shop 2/Citgo retail gas station is located at 6208 E. Hillsborough Avenue at the northwest corner of Hillsborough Avenue and Harney road, just east of the entrance to American Trailers. This site is listed in the UST database. According to information on the *FirstSearch* report, there were six UST's located at this facility that ranged in size from 3,000 – 10,000-gallons and contained leaded and unleaded gas. These tanks were installed in 1988 or prior and were all removed as of 2009. Currently there is one 20,000-gallon UST in-service for unleaded gas that was installed in October 2009. No spills or discharges appear to have been reported at this site. No further information was located in the *FirstSearch* report or on the FDEP Oculus database. Since no spills or discharges are reported at this facility, this site is ranked **Low** for potential contamination.

Potential Contamination Site 15 – House of Prayer (formerly Avis Rent-a-Car)

The House of Prayer (former Avis Rent-a-Car used car sales) is located at 6305 E. Hillsborough Avenue on the south side of Hillsborough Avenue to the east of Harney Road. This site is listed in the UST database. According to the *FirstSearch* report, this site contained ten 40-gallon tanks for a non-regulated substance, one 250-gallon tank for waste oil, and one 1,000-gallon tank for unleaded gas. It appears these tanks were installed in 1970 and were removed in 1987. No spills or discharges have been reported at this site. No further information was provided on the *FirstSearch* report and no information was obtained from the FDEP Oculus database. Since the tanks have been removed, no discharges reported, and the site is currently a religious facility with no documented contaminants, this site is ranked **No** for potential contamination.

Potential Contamination Site 16-18 – Suncoast Schools Federal Credit Union

The Suncoast Schools Federal Credit Union is located 6605, 6633, and 6801 E. Hillsborough Avenue on the south side of the road west of Orient Road. This site consists of three buildings located next to each other. The credit union buildings have five tanks used for generator diesel and range in size from 1,000 – 3,400-gallons. There was one 888-gallon tank that was used for leaded gas that has been removed. No further information was provided in the *FirstSearch* report or in the FDEP Oculus database. Since there have no reported spills or discharges at the Suncoast Schools Federal Credit Union buildings, these sites are ranked **Low** for potential contamination.

Potential Contamination Site 19 – Suncoast Schools Federal Credit Union

This Suncoast Schools Federal Credit Union building is located at 6810 E. Hillsborough Avenue on the north side of the road and west of Orient Road. This site is located next to Site 5 above. This site is listed in the UST database. According to the *FirstSearch* report this facility has one 710-gallon AST for generator diesel. It appears there are no spills or discharges reported for this site, and no further information was found on the FDEP Oculus database. Since this facility has no reported spills or discharges, this site is listed as **Low** for potential contamination.

Potential Contamination Site 20 – Dealer’s Wholesale Outlet

Dealer’s Wholesale Outlet is located at 7400 E. Hillsborough Avenue on the northeast corner of Hillsborough Avenue and Orient Road. This facility is listed in the ERNS database. According to the *FirstSearch* report, in 1999 this facility was reported for dumping oil and oil pans in the grass along the fence line behind the shop. The size of the impacted area was reported to be about 20’ x 3’ (60 sq feet). No other information is provided as to whether this site was cleaned up after the incident. Since this was a minor discharge and the impacted area is relatively small in size and located behind the facility, this site is ranked **Low** for potential contamination.

Potential Contamination Site 21 – Adstaff Inc. (located at Hard Rock property – need to verify)

Adstaff, Inc. was located at 7439 E. Hillsborough Avenue, which is currently the Seminole Hard Rock Casino property. According to the *FirstSearch* report, this site is listed on the RCRA database. This site is considered a small quantity hazardous waste generator for ignitable waste. There are no documented contamination incidences reported at this site; therefore, this site is ranked **No** for potential contamination.

Potential Contamination Site 22 – Tampa Diesel Service Inc

This site is located at 7728 E. Hillsborough Avenue, on the north side of Hillsborough Avenue at the eastern limits of the project. According to the *FirstSearch* report, this site is located on the UST And RCRA databases. This site is listed as a retail station and is reported to have one 350-gallon UST that was removed in the 1970’s. According to the *FirstSearch* report, no discharges or spills are documented at the site, and no further information was found on the

FDEP Oculus site. Since no discharges or spills have been reported and the tank has been removed, this site is ranked as **Low** for potential contamination.

Potential Contamination Site 23 – Steward-Mellon Inc

This site is located at 5101 E. Hillsborough Avenue on the south side of Hillsborough Avenue just west of the CSX railroad tracks. According to the *FirstSearch* report, this site is classified as a fuel user/non-retail. This site is reported as having a single 1,000-gallon UST that was installed in 1953 and has been closed in place. No further information is documented in the *FirstSearch* report or on the FDEP Oculus database. It appears no discharges or spills have been reported at the site. Since no further information is provided and the tank has been closed in place, this site is ranked **No** for potential contamination.

Potential Contamination Site 24 – Tamco

This site is located at 5105 E. Hillsborough Avenue on the south side of Hillsborough Avenue near the western terminus of the project. According to the *FirstSearch* report, this site is listed on the UST database. It is a fuel user/non-retail facility. This site is reported as having four 888-gallon UST's with unknown content that have been removed and one 12,000-gallon AST for vehicular diesel that was installed in 2007 and is currently in use. No documented discharges or spills are reported, and no further information was provided on the FDEP Oculus database. Since this site has one active 12,000-gallon AST for vehicular diesel, this site is ranked **Low** for potential contamination.

Potential Contamination Site 25 – Averitt Express

This site is located at 6626 E. Hillsborough Avenue on the north side of Hillsborough Avenue between Harney Road and Orient Road. According to the *FirstSearch* report, this site is listed on the UST database and is listed as a fuel user/non-retail facility. This site is documented as having one 15,000-gallon AST for vehicular diesel in service that was installed in 2002. No discharges and spills are reported for this site, and no further information was identified on the FDEP Oculus database. Since this facility has one 15,000-gallon AST in service, this site is ranked **Low** for potential contamination.

Potential Contamination Site 26 – CSX Railroad

The CSX Railroad line runs under the Hillsborough Avenue bridge located east of 50th Street and west of 56th Street. It has been recommended in the *PEA* that the bridge over the CSX Railroad is to be replaced. Common contaminants found along railroad corridors include arsenic from herbicides to control weeds, metals, and petroleum products from the rail cars. Other contaminants include creosote used to preserve wood ties, coal ash from engines, and polynuclear aromatic hydrocarbons (PAHs) from diesel exhaust. It is unknown which contaminants exist within the railroad corridor within the project limits. Soil testing is recommended prior to construction of the bridge within the railroad corridor and prior to removal of any soil to offsite locations. Since contamination sources are unknown within the

railroad corridor and there is potential for the presence of numerous contaminants, this site is ranked **Medium** for potential contamination.

Potential Contamination Site 27 – Asphalt Plant

There is an asphalt plant located at 5414 N. 56th Street, on the west side of 56th Street and north of Hillsborough Avenue behind the Pleasures Adult Superstore. This site was identified during aerial and field review of the project corridor. There is little information about this site. Potential contaminants associated with asphalt include PAHs from petroleum products. Soil testing is recommended prior to any earthwork adjacent to this facility. Since there is little information known about this site and there is potential for petroleum products at this site, the site is ranked **Medium** for potential contamination.

Potential Contamination Site 28 – Hillsborough Avenue Bridge No. 100021

Hillsborough Ave Bridge No. 100021 is located east of 50th Street and west of 56th Street and is the bridge over the CSX Railroad. This bridge was originally constructed in 1936 and widened in 1954. Asbestos containing materials (ACM) have the potential to exist on this structure based on the years that this bridge was originally constructed and widened. An asbestos assessment on this structure should be performed using a Licensed Asbestos Consultant (LAC) in accordance with FDOT Directive 625-020-020-c, dated July 21, 2009, during the design phase and/or prior to any work being conducted on this bridge. Also, the structure should be evaluated for Class V coatings including lead-based paint. If ACM or lead-based paint is found, an abatement plan should be prepared and adhered to during construction. Since an asbestos and lead-based paint survey will be conducted during design and prior to construction and an abatement plan prepared and adhered to during construction (if needed), the structure is ranked **Low** for potential contamination.

4.4.3 Summary of Findings and Recommendations

Information was obtained for this report through reports from *FirstSearch Technology Corporation*, observations during on-site visits, and database information from the FDEP. A total of 28 sites were reviewed within the project boundary, and the following conclusions and recommendations were made regarding the proposed project:

- Of the 28 sites reviewed, 3 sites received rankings of **No** risk, 15 sites received rankings of **Low** risk, 10 sites received a ranking of **Medium** risk, and no sites received a ranking of **High** risk.
- For sites ranked **No** for potential contamination, no further action is recommended. These sites have been evaluated and determined not to have any potential environmental risk to the study area at this time. No sites with a risk ranking of **No** are anticipated to be impacted by the proposed project.

- For sites ranked **Low** for potential contamination, no further action is required at this time. These sites/facilities have potential to impact the project but based on select variables have been determined to have low risk to the project at this time. Variables that may change the risk ranking include: A facility’s non-compliance to environmental regulations; new discharges to the soil or groundwater; and modifications to current permits. Should any of these variables change, additional assessment of the facility should be conducted. These facilities should be re-evaluated during the design phase.
- For those locations with a risk ranking of **Medium**, Level II field screening should be conducted. These sites have been determined to have potential contaminants, which may impact the project. A soil and groundwater-sampling plan would be developed. The sampling plan would provide sufficient detail as to the number of soil and groundwater samples to be obtained and the specific analytical test to be performed. A site location sketch for each facility showing all proposed boring locations and groundwater monitoring wells would be prepared.
- It must be recognized that the possibility still exists that other sites containing hazardous substances, hazardous wastes, petroleum products, or environmental contamination not identified during this assessment may exist on or in the immediate vicinity of the project study corridor. This is because regulatory agency records are not always complete; not all leaks, spills and discharges are reported; and not all USTs and ASTs are registered. The purpose of this assessment is to reduce, but not to eliminate, the unknown and uncertainty regarding the absence or presence of hazardous substances or environmental contamination in connection with the project.

The potential contamination sites are outlined in **Table 4-6**, and the locations of these sites are illustrated in **Figure 4-1**. Therefore, this category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impacts Checklist.

4.5 Navigation

The ETDM *Programming Screen Summary Report* documented the following Degree of Effect for Navigation Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
USACE	No Involvement
Summary Degree of Effect	
Final Summary Degree of Effect	No Involvement

There are no navigable waterways located within the project corridor. Therefore, this category has been designated as NO INVOLVEMENT on the Summary of Environmental Impacts Checklist.

APPENDIX A

*ETDM Programming Screen
Summary Report*

ETDM Summary Report

Project #13312 - Hillsborough Avenue

Finalized Programming Screen - Published on 11/16/2011

Generated by Steve Love (on behalf of FDOT District 7)

Printed on: 12/23/2011

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Introduction to Programming Screen Summary Report

The Programming Screen Summary Report shown below is a read-only version of information contained in the Programming Screen Summary Report generated by the ETDM Coordinator for the selected project after completion of the ETAT Programming Screen review. The purpose of the Programming Screen Summary Report is to summarize the results of the ETAT Programming Screen review of the project; provide details concerning agency comments about potential effects to natural, cultural, and community resources; and provide additional documentation of activities related to the Programming Phase for the project. Available information for a Programming Screen Summary Report includes:

- Screening Summary Report chart
- Project Description information (including a summary description of the project, a summary of public comments on the project, and community-desired features identified during public involvement activities)
- Purpose and Need information (including the Purpose and Need Statement and the results of agency reviews of the project Purpose and Need)
- Alternative-specific information, consisting of descriptions of each alternative and associated road segments; an overview of ETAT Programming Screen reviews for each alternative; and agency comments concerning potential effects and degree of effect, by issue, to natural, cultural, and community resources.
- Project Scope information, consisting of general project commitments resulting from the ETAT Programming Screen review, permits, and technical studies required (if any)
- Class of Action determined for the project
- Dispute Resolution Activity Log (if any)

The legend for the Degree of Effect chart is provided in an appendix to the report.

For complete documentation of the project record, also see the GIS Analysis Results Report published on the same date as the Programming Screen Summary Report.

#13312 Hillsborough Avenue			
District	District 7	Phase	Programming Screen
County	Hillsborough	From	50th Street
Planning Organization	FDOT District 7	To	Western Terminus of I-4 Ramps
Plan ID	3098	Financial Management No.	43005412201
Federal Involvement	No federal involvement has been identified.		
Contact Information	Name: Steve Love Phone: (813) 975-6410 E-mail: steve.love@dot.state.fl.us		
Snapshot Data From: Programming Screen Summary Report Re-published on 11/16/2011 by Steve Love			

Overview

	Evaluation of Direct Effects																				
	Natural							Cultural			Community										
	Air Quality	Coastal and Marine	Contaminated Sites	Farmlands	Floodplains	Infrastructure	Navigation	Special Designations	Water Quality and Quantity	Wetlands	Wildlife and Habitat	Historic and Archaeological Sites	Recreation Areas	Section 4(f) Potential	Aesthetics	Economic	Land Use	Mobility	Relocation	Social	Secondary and Cumulative Effects
Legend																					
N/A	N/A / No Involvement																				
0	None (after 12/5/2005)																				
1	Enhanced																				
2	Minimal (after 12/5/2005)																				
3	Moderate																				
4	Substantial																				
5	Dispute Resolution (Programming)																				
ETAT Review Period: 08/09/2011 - 09/23/2011. Re-Published: 11/16/2011																					
Alternative #1	2	N/A	3	2	2	2	N/A	2	3	3	2	2	0	N/A	0	1	0	1	2	2	2
From 50th Street to Western Terminus of I-4 Ramps																					

Project Description Data

Description Statement

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) study to evaluate the widening of Hillsborough Avenue (SR 600/US 92) from 50th Street to western limits of I-4 ramps from a 4-lane divided to a 6-lane divided roadway. The FDOT will be preparing a State Environmental Impact Report (SEIR) for this project. Hillsborough Avenue is a major regional east-west arterial in central Hillsborough County that connects to US 301 and I-4. This roadway provides access to many commercial, industrial and residential areas within central Hillsborough County.

Summary of Public Comments not available at this time

Consistency

- Consistent with Air Quality Conformity.
- Consistency information for Coastal Zone Management Program is not available.
- Consistent with Local Government Comp Plan.
- Consistent with MPO Goals and Objectives.

Lead Agency

FL Department of Transportation

Exempted Agencies

Agency Name	Justification	Date
Federal Transit Administration	FTA has requested to be exempt from reviewing any non-transit projects.	07/05/2011
US Coast Guard	No navigable waters within project limits.	07/05/2011
National Park Service	There are no National Park resources in the project area.	07/19/2011
US Forest Service	No national forests within project limits or vicinity of project area.	07/05/2011

Community Desired Features

No desired features have been entered into the database. This does not necessarily imply that none have been identified.

Purpose and Need

Purpose and Need Statement

Purpose

The purpose of this project is to widen Hillsborough Avenue from a 4-lane to 6-lane facility in order to accommodate increases in traffic due to growth along the project corridor and the surrounding areas. The west end of the study area will be connected to the existing 6-lane section that ends east of 50th Street. With this improvement there will be six lanes of capacity along Hillsborough Avenue from US 19 in Pinellas County to I-4 in Hillsborough County.

Need

There are five (5) signalized intersections located within the study limits, all of which have at least one approach operating at level of service (LOS) E or F during the design hour. In 2010, Hillsborough Avenue, from 50th Street to west of I-4, carried between 36,200 and 41,900 vehicles per day (vpd). This segment of Hillsborough Avenue is projected to carry volumes between 67,600 and 79,600 vpd by 2040, which would yield a failing LOS.

Regional Connectivity

Hillsborough Avenue is a major east-west facility within Hillsborough County that connects to I-4 and US 301. At 50th Street (the western terminus of this project), this roadway is a 6-lane facility west to Dale Mabry Highway, where Hillsborough Avenue changes to SR 580. This roadway continues west as a 6-lane facility to the Pinellas/Hillsborough County Line, where it changes again to Tampa Road (SR 584) and continues as a 6-lane facility to US 19 in Pinellas County. East of I-4, this roadway is a 2-lane facility that connects to eastern Hillsborough County and into Polk County.

Safety

There were 726 crashes reported between 50th Street and I-4 on Hillsborough Avenue during the 5-year period of 2005-2009. Rear-end crashes accounted for 50% of the total crashes, angle crashes accounted for 22%, sideswipe crashes accounted for 7%, left-turn crashes accounted for 6%, and the remaining 15% of the crashes were the result of other miscellaneous traffic movements. It is anticipated that safety will be enhanced due to capacity improvements as well as related intersection improvements. The proposed improvements would reduce congestion and improve congestion-related safety issues.

Plan Consistency

This project is not included in the FDOT's Five Year Work Program for Fiscal Years 2012-2016 for District 7. The proposed project is consistent with the Hillsborough County Metropolitan Planning Organization (MPO) 2035 Cost Affordable Long Range Transportation Plan. The 2035 Highway Cost Affordable component of the plan shows Hillsborough Avenue as six lanes from west of 50th Street to the western limits of the I-4 ramps (east of Orient Road). In addition, the Future of Hillsborough - Comprehensive Plan for Unincorporated Hillsborough County (amended June 5, 2008) includes creation of a commercial redevelopment area along Hillsborough Avenue from 56th Street to Orient Road.

Emergency Evacuation

Hillsborough Avenue is designated as an emergency evacuation route by Hillsborough County Emergency Management. This roadway connects to major highways including I-4, US 301, and I-275.

Future Population and Employment

According to the Future of Hillsborough - Comprehensive Plan for Unincorporated Hillsborough County (amended June 5, 2008) there are plans for a commercial redevelopment area along Hillsborough Avenue from 56th Street to Orient Road. According to Hillsborough County City-County Planning Commission: 2035 L RTP Socioeconomic Projections (Nov. 2008), Hillsborough County population is expected to grow from 1,173,360 to 1,729,300

(47% increase) between 2006 and 2035, and employment is expected to grow from 759,000 to 1,175,920 (55% increase) within this timeframe.

Future Traffic

In 2010, Hillsborough Avenue from 50th Street to west of I-4 had an Annual Average Daily Traffic (AADT) ranging between 36,200 and 41,900. Historic daily truck traffic is approximately 10 percent within the study area. The new Tampa Bay Regional Planning Model (TBRPM) - Version 7.0 indicates that the AADTs in 2035 area expected to range between 63,700 and 75,800. Assuming continued growth, this segment of Hillsborough Avenue is expected to have AADTs ranging between 67,600 and 79,600 by the design year (2040).

Multi-Modal Service

Currently, there are no designated bicycle facilities located within the study limits; however, there are existing paved shoulders that bicyclists can use. A sidewalk is located on the north side of Hillsborough Avenue between 56th Street and Harney Road. Bicycle and pedestrian facilities are planned for the proposed project and will be evaluated as part of the PD&E study. Hillsborough Area Regional Transit (HART) bus routes 15 and 32 (56th to Orient Rd.), 34 (west end to 56th Street), and 41 (56th Street to Harney Rd.) run along Hillsborough Avenue within the study limits. Routes 6, 39 and 23X intersect the project at 56th Street, and route 57 intersects at Orient Road. There is an existing bus transfer facility at the Netpark Transfer Center located approximately 0.5 mile south of Hillsborough Avenue along 56th Street near Harney Road. HART is presently studying a potential East-West Metro Rapid Line (enhanced bus and operations), a portion of which is planned to run along Hillsborough Avenue from I-275 (west of the project) to 56th Street.

Access to Intermodal Facilities and Freight Activity Centers

The East Central Tampa Industrial Area Freight Activity Center is located approximately 0.3 miles north of the Hillsborough Avenue/56th Street intersection. Also, Federal Express Freight is located just north of Hillsborough Avenue at the Suncoast Schools Federal Credit Union/Averitt Express Driveway. West of the study corridor, Hillsborough Avenue provides access to Tampa International Airport (TIA) for freight trucks. The entrance to TIA along Hillsborough Avenue (approximately 7 miles west of the project) is the Air Cargo entrance used by numerous freight and shipping companies.

Purpose and Need Reviews

Agency	Acknowledgment	Review Date
FDOT District 7	Accepted	10/03/2011
FL Department of Community Affairs	Understood	08/18/2011
FL Department of Environmental Protection	Understood	09/23/2011
FL Fish and Wildlife Conservation Commission	Understood	09/13/2011
Federal Transit Administration	Understood	09/02/2011
Hillsborough County MPO	Understood	09/23/2011
National Marine Fisheries Service	Understood	08/12/2011
National Park Service	Understood	09/15/2011
Natural Resources Conservation Service	Understood	08/25/2011
Southwest Florida Water Management District	Understood	09/19/2011
US Army Corps of Engineers	Understood	09/22/2011
US Environmental Protection Agency	Understood	09/13/2011
US Fish and Wildlife Service	Understood	08/24/2011

The following organizations were notified but did not submit a review of the Purpose and Need statement:

- FL Department of Agriculture and Consumer Services
- FL Department of State
- Federal Highway Administration
- Seminole Tribe of Florida

Alternative #1

Alternative Description

From:	50th Street	To:	Western Terminus of I-4 Ramps
Type:	Widening	Status:	ETAT Review Complete
Total Length:	1.999 mi.	Cost:	\$103,167,000.00
Modes:	Roadway Bicycle Pedestrian	SIS:	N

Segment Description(s)

Location and Length							
Segment No.	Name	Beginning Location	Ending Location	Length (mi.)	Roadway Id	BMP	EMP
	Hillsborough Avenue	50th Street	Western Terminus of I-4 Ramps	1.999	Digitized		

Jurisdiction and Class			
Segment No.	Jurisdiction	Urban Service Area	Functional Class
	FDOT	In	URBAN: Principal Arterial - Other

Base Conditions				
Segment No.	Year	AADT	Lanes	Config
	2010	41900	4	Lanes Divided

Interim Plan				
Segment No.	Year	AADT	Lanes	Config

Needs Plan				
Segment No.	Year	AADT	Lanes	Config
	2040	79600	6	Lanes Divided

Cost Feasible Plan				
Segment No.	Year	AADT	Lanes	Config
	2040		6	Lanes Divided

Funding Sources		
Segment No.	FDOT	Unknown
	X	

Project Effects Overview

Issue	Degree of Effect	Organization	Date Reviewed
Natural			
Air Quality	2 Minimal	US Environmental Protection Agency	09/13/2011
Coastal and Marine	0 None	Southwest Florida Water Management District	09/19/2011
Coastal and Marine	N/A N/A / No Involvement	National Marine Fisheries Service	08/12/2011
Contaminated Sites	3 Moderate	FL Department of Environmental Protection	09/23/2011
Contaminated Sites	2 Minimal	US Environmental Protection Agency	09/22/2011
Contaminated Sites	3 Moderate	Southwest Florida Water Management District	09/19/2011
Farmlands	2 Minimal	Natural Resources Conservation Service	08/25/2011
Floodplains	2 Minimal	Southwest Florida Water Management District	09/19/2011
Floodplains	0 None	US Environmental Protection Agency	09/13/2011
Infrastructure	0 None	Southwest Florida Water Management District	09/19/2011
Navigation	N/A N/A / No Involvement	US Army Corps of Engineers	09/22/2011
Special Designations	2 Minimal	US Environmental Protection Agency	09/23/2011
Special Designations	2 Minimal	Southwest Florida Water Management District	09/19/2011
Water Quality and Quantity	2 Minimal	US Environmental Protection Agency	09/23/2011
Water Quality and Quantity	2 Minimal	FL Department of Environmental Protection	09/23/2011
Water Quality and Quantity	3 Moderate	Southwest Florida Water Management District	09/19/2011

Wetlands	2	Minimal	Hillsborough County MPO	09/23/2011
Wetlands	2	Minimal	FL Department of Environmental Protection	09/23/2011
Wetlands	2	Minimal	US Environmental Protection Agency	09/23/2011
Wetlands	3	Moderate	US Army Corps of Engineers	09/22/2011
Wetlands	2	Minimal	Southwest Florida Water Management District	09/19/2011
Wetlands	2	Minimal	US Fish and Wildlife Service	09/13/2011
Wetlands	N/A	N/A / No Involvement	National Marine Fisheries Service	08/12/2011
Wildlife and Habitat	2	Minimal	Southwest Florida Water Management District	09/19/2011
Wildlife and Habitat	2	Minimal	FL Fish and Wildlife Conservation Commission	09/13/2011
Wildlife and Habitat	2	Minimal	US Fish and Wildlife Service	09/13/2011
Cultural				
Historic and Archaeological Sites	2	Minimal	FL Department of State	09/23/2011
Historic and Archaeological Sites	0	None	Southwest Florida Water Management District	09/19/2011
Historic and Archaeological Sites	2	Minimal	Seminole Tribe of Florida	08/18/2011
Recreation Areas	0	None	FL Department of Environmental Protection	09/23/2011
Recreation Areas	0	None	Southwest Florida Water Management District	09/19/2011
Recreation Areas	0	None	US Environmental Protection Agency	09/13/2011
Section 4(f) Potential	No reviews recorded.			
Community				
Aesthetics	No reviews recorded.			
Economic	No reviews recorded.			
Land Use	0	None	Hillsborough County MPO	09/23/2011
Land Use	0	None	FL Department of Community Affairs	08/18/2011
Mobility	1	Enhanced	Hillsborough County MPO	09/23/2011
Relocation	No reviews recorded.			
Social	2	Minimal	US Environmental Protection Agency	09/23/2011
Social	0	None	FL Department of Community Affairs	08/18/2011
Secondary and Cumulative				
Secondary and Cumulative Effects	2	Minimal	Southwest Florida Water Management District	09/19/2011

ETAT Reviews and Coordinator Summary: Natural Issues

Coordinator Summary: Air Quality Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the US Environmental Protection Agency (USEPA) and recommends a Degree of Effect of Minimal.

The USEPA noted that Hillsborough County and the Tampa area are not currently designated non-attainment or maintenance for ozone, carbon monoxide (CO) or particulate matter (PM) in accordance with the Clean Air Act. It is recommended that the study include an air impact analysis and hot spot analysis at the point in time and place where congestion is expected to be the greatest during the design life of the project. Air pollutants to be evaluated include CO, sulfur dioxide, ozone/nitrogen, dioxide particulate matter and lead.

The FDOT will commit to conducting an Air Quality Screening during the PD&E study using approved software such as MOBILE 6 and CAL3QHC for CO screening.

ETAT Reviews: Air Quality Issue: 1 found

2 Minimal assigned 09/13/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: Resources: Air Quality

Level of Importance: Air quality within the region is of a high level of importance. Traffic volumes on the roads in the vicinity are expected to increase due to anticipated population and growth in the area and within the region.

Comments on Effects to Resources: Hillsborough County and the Tampa area are not currently designated non-attainment or maintenance for ozone, carbon monoxide (CO) or particulate matter (PM) in accordance with the Clean Air Act. There are no violations of National Ambient Air Quality Standards (NAAQS). Nevertheless, the environmental review of this project should consider potential air quality impacts. This could include an air impact analysis which documents the current pollutant concentrations recorded at the nearest air quality monitors, an evaluation of anticipated emissions, and air quality trend analyses. It is recommended that the environmental review also include a hot spot analysis at the point in time and place where congestion is expected to be greatest during the design life of the project. FDOT should use approved software such as MOBILE 6 and CAL3QHC for CO screening. CO estimates should be compared to the one-hour and eight-hour NAAQS of 35 parts per million (ppm) and 9 ppm, respectively. Air pollutants to be evaluated (both short- and long-term) include carbon monoxide, sulfur dioxide, ozone/nitrogen, dioxide particulate matter (both PM 2.5 (microns) and PM 10), and lead.

Additional Comments (optional): As population growth and vehicle volumes increase, there is the potential to have air quality conformity and non-attainment issues in the future. FDOT, MPOs, municipalities, and regional planning agencies should conduct air quality modeling as traffic forecasts increase.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Air Quality issue for this alternative: Federal Highway Administration

Coordinator Summary: Coastal and Marine Issue

N/A *N/A / No Involvement* assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Southwest Florida Water Management District (SWFWMD) and National Marine Fisheries Service (NMFS) and recommends a Degree of Effect of None.

A review of the geographic information systems (GIS) data, there are no Coastal and Marine resources within the project buffers. The SWFWMD indicated that there no comments on effects to resources. The NMFS staff conducted a site review on August 10, 2011. NMFS staff states that there will be no direct or indirect impacts to NMFS trust resources.

ETAT Reviews: Coastal and Marine Issue: 2 found

0 *None* assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: No Involvement

Dispute Information: N/A

Identified Resources and Level of Importance: None found.

Comments on Effects to Resources: None found.

Coordinator Feedback: None

N/A *N/A / No Involvement* assigned 08/12/2011 by David A. Rydene, National Marine Fisheries Service

Coordination Document: No Involvement

Dispute Information: N/A

Identified Resources and Level of Importance: None.

Comments on Effects to Resources: NOAA's National Marine Fisheries Service (NMFS) has reviewed the information contained in the Environmental Screening Tool for ETDM Project # 13312. The Florida Department of Transportation District 7 proposes widening Hillsborough Avenue from 50th Street to the western terminus of the I-4 ramps in Hillsborough County, Florida. The road would be widened from four lanes to six lanes.

NMFS staff conducted a site inspection of the project area on August 10, 2011, to assess potential concerns regarding living aquatic resources. It does not appear that there will be any direct or indirect impacts to NMFS trust resources. Since the resources affected are not ones for which NMFS is responsible, we have no comment to provide regarding the project's impacts.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Coastal and Marine issue for this alternative: Federal Highway Administration

Coordinator Summary: Contaminated Sites Issue

3 *Moderate* assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Florida Department of Environmental Protection (FDEP), the US Environmental Protection Agency (USEPA), and the Southwest Florida Water Management District (SWFWMD) and recommends a Degree of Effect of Moderate.

The FDEP stated that there are 13 RCRA sites located within the 500-ft buffer of the project and that a Contamination Screening Evaluation be conducted along the project right-of-way.

The USEPA stated that the project area is heavily developed and future development in the area is expected. USEPA recommended that the FDOT coordinate with appropriate agencies to determine if the classification of the North 56th Street Area as a Brownfield Project will impact the design and/or construction of the project. It was noted that several gas and service stations are located within the project area. Potential impacts to contaminated sites would be minimized if the widening occurs within the existing ROW. USEPA recommends that a survey of the area be conducted to confirm the location of current listed contaminated site features, along with other contaminated site features which may have been previously located in the area or features that will be impacted by the project. The project should be designed such that negative impact to/from contaminated sites is avoided or minimized to the best extent practicable.

The SWFWMD noted that there are multiple hazardous areas identified in the EST, including FDEP Hazardous Waste Facilities, FDEP Petroleum Storage Tank Monitoring Sites, FDEP Wastewater Facilities, and FDOH Biomedical Waste Facilities, among others. ERP permitting is expected to be non-routine for the identified Brownfield area at North 56th Street and other contaminated sites; however, the expected permitting effort by FDOT should be straight forward and a normal effort is expected by SWFWMD's regulatory staff. No sinkholes have been recorded within 500-ft of the project but the eastern limits of the project are located within a Sensitive Karst Area.

The FDOT commits to drafting a Contamination Screening Evaluation Report (CSER) as part of the PD&E study. The project will be designed to minimize/avoid impacts to contaminated sites to the extent practicable. Pond sites will be evaluated for potential contamination and sites with contamination will be avoided if feasible. The FDOT will coordinate with the appropriate agencies for any potential impacts to contaminated sites.

ETAT Reviews: Contaminated Sites Issue: 3 found

3 *Moderate* assigned 09/23/2011 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: GIS data indicates that there are thirteen RCRA regulated facilities within the 500-ft. project buffer zone.

Comments on Effects to Resources: A Contamination Screening Evaluation (similar to Phase I and Phase II Audits) may need to be conducted along the project right-of-way, considering the proximity to potential petroleum and hazardous material handling facilities. The Contamination Screening Evaluation should outline specific procedures that would be followed by the applicant in the event drums, wastes, tanks or potentially contaminated soils are encountered during construction. Special attention should be made in the screening evaluation to historical land uses (such as solid waste disposal) that may have an affect on the proposed project, including stormwater retention and treatment areas.

Coordinator Feedback: None

2 *Minimal* assigned 09/22/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Resources: Soils, groundwater, surface water which have the potential to be negatively affected by contaminated site features such as underground petroleum storage tanks, industrial/commercial facilities with onsite storage of hazardous materials, solid waste facilities, hazardous waste facilities, National Priority List (NPL) sites, etc.

Level of Importance: These resources are of a high level of importance in the State of Florida. However, a minimal degree of effect is being assigned for the proposed project (ETDM #13312, Hillsborough Avenue).

Comments on Effects to Resources: Hillsborough Avenue is a major east-west facility within Hillsborough County that connects to I-4 and US 301. At 50th Street (the western terminus of this project), this roadway is a 6-lane facility west to Dale Mabry Highway, where Hillsborough Avenue changes to SR 580. This roadway continues west as a 6-lane facility to the Pinellas/Hillsborough County Line, where it changes again to Tampa Road (SR 584) and continues as a 6-lane facility to US 19 in Pinellas County. East of I-4, this roadway is a 2-lane facility that connects to eastern Hillsborough County and into Polk County.

The project area is heavily developed and future development in the area is expected. The widening of this segment of Hillsborough Avenue is needed in order to accommodate increases in traffic due to growth along the project corridor and the surrounding areas.

EPA reviewed the following contaminated sites GIS analysis data for buffer distances of 100, 200, and 500 feet and found the following features:

Brownfield Location Boundaries - North 56th Street Area

Brownfield projects are defined as abandoned, idled or underutilized property where expansion or redevelopment is complicated by the presence or potential presence of environmental contamination. Previous thriving areas of economic activity are listed as Brownfield if the area is abandoned by contamination from past uses. Areas being unused or under-utilized are impediments to economic development in rural and urban communities. Redeveloped, these Brownfield areas can be catalysts for community revitalization. The Brownfield program brings together federal agencies to address cleanup and redevelopment in a more coordinated approach. Often times, federal grant programs and public/private organizations assist in the cleanup and redevelopment of Brownfield areas.

EPA recommends that FDOT coordinate with appropriate agencies to determine if the classification of the North 56th Street Area as a Brownfield Project will impact the design and/or construction of the proposed roadway.

Toxic Release Inventory Sites - Tampa Plants

USEPA RCRA Regulated Sites - Sunoco Service Station, Exxon RAS #40146, American Trailers, Amoco Service Station #240 (within 100- and 200-foot buffer distances) and 13 RCRA Sites (too numerous to list) within the 500-foot buffer distance.

The project description does not state whether widening of Hillsborough Avenue from 4 lanes to 6 lanes will take place within existing right-of-way (ROW) or if additional ROW will be required. Potential impacts to contaminated sites features will be minimized if widening occurs within existing ROW. EPA recommends that a survey of the area be conducted to confirm the location of current listed contaminated site features, along with other contaminated site features which may have been previously located in the area or features that will be impacted by the project. Some of the potential issues relating to contaminated sites include leaking underground storage tanks, leaking above ground storage tanks, improper storage and/or disposal of hazardous material, spills and/or leaks from transportation vehicles (trucks, trains, etc.). Direct and indirect impacts resulting from these issues include contamination of soils, groundwater, and surface water. This type of survey should focus on identifying the contaminated sites areas which may be potentially impacted and what type of additional analyses may be needed. A Phase I or Phase II environmental assessment may be needed based upon the findings and the degree of potential impact to contaminated areas or features. The project should be designed such that negative impact to/from contaminated sites is avoided or minimized to the best extent practicable.

Coordinator Feedback: None

Coordination Document: Permit Required

Dispute Information:N/A

Identified Resources and Level of Importance: The following information was identified within 500 feet of the proposed project corridor using the FDOT's Environmental Screening Tool (EST):

Contaminated site of interest:

Brownfield Area (North 56th Street Area - ID #BF290204000) near the NW corner of 56th Street and Hillsborough Avenue.

Other hazardous areas also appear in the EST which include FDEP Hazardous Waste Facilities (13), FDEP Petroleum Storage Tank Monitoring Sites (8), FDEP Storage Tank Monitoring Sites (22), FDEP Wastewater Facilities (1), FDOH Biomedical Waste Facilities (1), FDOH Onsite Sewage Facilities (12) and FDOH Super Act Risk Sources - Petroleum and / or Dry Cleaning Solvents (5).

The project area is characterized by a two-aquifer system that includes the Floridan and the Surficial aquifers. The pollution potential of the Floridan Aquifer is high as indicated by DRASTIC weighted index of 151. The DRASTIC score for the intact surficial aquifer is the higher of the two aquifers with a weighted index of 178. The regional DRASTIC scores are consistent with the regional FAVA vulnerability responses of "More Vulnerable".

DRASTIC Surficial Aquifer System:

Coastal Deposits (Thick Clastic Marine Sediments)

Weighted Index of 178

FAVA Surficial Aquifer System:

Classified as "More Vulnerable" for the majority of the projects length. The eastern mile is unclassified.

DRASTIC Floridan Aquifer System:

Karst Limestone Area (Limestone near the Surface)

Weighted Index of 151

FAVA Floridan Aquifer System:

Classified as "More Vulnerable" for the entire project length.

Comments on Effects to Resources: If encountered and disturbed during construction along the segment route, any contaminated site could result in surface and / or groundwater water pollution, particularly at the location of the Brownfield site near the northwest corner of 56th Street.

Additional Comments (optional): The SWFWMD has assigned a Degree of Effect (DOE) based on their opinion of the potential of this project to result in increased coordination or effort associated with the SWFWMD's regulatory interests and obligations. For this project, a DOE of "moderate" was assigned to this issue due to the present belief that future ERP permitting is expected to be non-routine for the identified Brownfield area at North 56th Street and other potential contaminated sites along the alignment. However, the expected permitting effort by FDOT should be straight forward and a normal effort is expected on the part of SWFWMD's regulatory staff.

From the SWFWMD's Graphical Information System (GIS), no recorded sinkholes were reported within 500 feet of the proposed alignment. However, the GIS reported that the eastern of this proposed alignments lies within a Sensitive Karst Area (KSA), and two (2) sinkholes were reported to the south between one-half () and one (1) mile within this KSA. In addition, the proposed project alignment may also be in a Karst area according to the District publication: "Development of Proposed Environmental Resource Permit Criteria for Sensitive Karst Areas," SWRF, LLC, September 2007, available at: http://www.dep.state.fl.us/water/wetlands/erp/rules/stormwater/issue_work_groups.htm
http://publicfiles.dep.state.fl.us/dwrm/stormwater/stormwater_rule_development/docs/ska_rpt_swfr_09-07.pdf

Additional information on the Florida Aquifer Vulnerability Assessment (FAVA) can be obtained at the following web addresses:

<http://www.dep.state.fl.us/geology/programs/hydrogeology/fava.htm>

http://www.dep.state.fl.us/geology/programs/hydrogeology/fava_gis_data.htm

http://www.dep.state.fl.us/swapp/documents/Florida_Aquifer_Vulnerability_Assessment.pdf

http://suwanneehi.ifas.ufl.edu/documents/FAVA_REPORT_MASTER_DOC_3-21-05.pdf

To minimize groundwater and surface water pollution potential, the following actions should be considered by the FDOT:

1. Avoid / minimize all construction activity in proximity to sinkholes along or near the segment alignment;
2. Confirm the presence or absence of existing potable supply wells, both public and domestic, and identify precisely all potential sources of contamination within the path of construction or in proximity of the proposed surface water management systems;
3. Avoid known contaminated sites where possible in the selection of the project alignment;
4. Thoroughly evaluate potential stormwater treatment pond sites for the presence of contamination and eliminate contaminated sites as possible pond sites;
5. Design and construct stormwater management facilities to avoid breaching the upper confining unit;
6. Conduct an Environmental Audit at the appropriate level to identify specific facilities of interest and to develop a plan for their proper removal or abandonment;
7. Coordinate with FDEP and USEPA and prepare a Contamination Assessment Report as necessary.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Contaminated Sites issue for this alternative: Federal Highway Administration

Coordinator Summary: Farmlands Issue

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Natural Resource Conservation Service (NRCS) and recommends a Degree of Effect of Minimal.

A review of the Geographical Information Systems (GIS) analysis data and NRCS comments indicates that there are no Prime Farmland soils within the project area; however, there are Unique Farmland soils at all buffer widths within the project area. No areas within the project limits intersect existing croplands. NRCS noted many areas in Hillsborough County were designated as Farmlands of Unique Importance during soil survey activities, but have since been converted to non-agricultural uses. This project will not result in any impacts to farmlands.

ETAT Reviews: Farmlands Issue: 1 found

2 Minimal assigned 08/25/2011 by Rick Allen Robbins, Natural Resources Conservation Service

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: The USDA-NRCS considers soil map units with important soil properties for agricultural uses to be Prime Farmland. In addition, the USDA-NRCS considers any soils with important soil properties and have significant acreages that are used in the production of commodity crops (such as, cotton, citrus, row crops, specialty crops, nuts, etc.) to be considered as Farmlands of Unique Importance. Nationally, there has been a reduction in the overall amount of Prime and Unique Farmlands through conversion to non-farm uses. This trend has the possibility of impacting the nation's food supply and exporting capabilities.

Comments on Effects to Resources: Conducting GIS analysis of Prime Farmland (using USDA-NRCS data) and Important (Unique) Farmland Analysis (using 2004 SWFWMD data and 2010 SSURGO data) has resulted in the determination that there are no Prime Farmland Soils at any buffer width. However, there are Unique Farmland soils at all buffer widths within the Project Area. The amounts range from 9.43 acres at the 100' buffer width and 58.41 acres at the 500' buffer width. According to ETDM DOQQ evaluation and other datasets, no areas within the project area intersect existing croplands. Many areas within Hillsborough County were designated as Farmlands of Unique Importance during soil survey activities, but have since been converted to non-agricultural use. Therefore, we are assigning a Minimal Degree of Impact for this project.

Additional Comments (optional): Note: If this project area would have been intersecting existing cropland or other agricultural land the project impact rating would have been rated higher (either Moderate or Substantial).

CLC Commitments and Recommendations: Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Farmlands issue for this alternative: Federal Highway Administration

Coordinator Summary: Floodplains Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Southwest Florida Water Management District (SWFWMD) and the US Environmental Protection Agency (USEPA) and recommends a Degree of Effect of Minimal.

A review of the Geographical Information Systems (GIS) analysis data indicates that there are no FEMA 100-year flood zones within the 100-ft buffer and minimal within the 200-ft buffer. The SWFWMD indicated that little or no adverse impacts to flood plains are expected. Future permitting should involve routine interaction with SWFWMD's regulatory staff. If applicable, the SWFWMD will require compensation for fill or other encroachments into floodplain. The FDOT will adhere to SWFWMD criteria and permitting requirements during design and construction. SWFWMD recommended that FDOT contact the Seminole Tribe of Florida regarding their recent stormwater system expansion into the floodplain of the former forested wetland (near the eastern terminus of this proposed alignment).

No comments were received from the Florida Department of Environmental Protection (FDEP).

ETAT Reviews: Floodplains Issue: 2 found

2 Minimal assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: Permit Required

Dispute Information:N/A

Identified Resources and Level of Importance: The following data was obtained from the FDOT's Environmental Screening Tool (EST) for the "DFIRM Flood Hazard Zones", and includes the number of potential flood zone impacts (count), acres of each flood zone, and percent of the total of that area within 200 feet of the proposed alignment.

COUNT 1
ZONE A 0.0 ACRES 0.0 PERCENT
ZONE AE 0.6 ACRES 0.63 PERCENT

From the SWFWMD's GIS system, this particular Zone AE appears to have been a former forested wetland in 2010, but is now a new stormwater management facility near the project's eastern terminus (south of the proposed alignment on the east side of the Seminole Hard Rock Cafe).

Comments on Effects to Resources: Potential impacts will depend upon required the filling or alteration of this existing Flood Hazard Zone (if applicable) to accommodate the construction of improvements for this proposed alignment.

Additional Comments (optional): The SWFWMD has assigned a Degree of Effect (DOE) based on the potential need for increased coordination or effort associated with the SWFWMD's proprietary or regulatory interests and obligations. For this project, a DOE of "minimal" was assigned to this issue due to the present belief that little or no adverse impacts to flood plains are expected. However, if impacts are proposed, low cost options are available to address this issue. Future permitting should involve routine interaction with the SWFWMD's regulatory staff.

If applicable, the SWFWMD will require compensation for fill (or other encroachment) into floodplains / historic basin storage areas up to the 100-year event if such encroachment will adversely affect conveyance, storage, water quality or adjacent lands (Reference: Sections 4.4 and 4.7 of the District's "Basis of Review", available at <http://www/permits/rules>).

If applicable, the FDOT may reduce the degree of effect for flooding by: selecting alternatives having lower impact acreages to flood plain and historic basin storage areas, restricting the filling / encroachment into floodplain / historic basin storage areas to only those areas that are necessary, constructing stormwater treatment ponds outside floodplain / historic basin storage areas or providing equivalent compensation for lost floodplain / historic basin storage.

As the Seminole Tribe is a sovereign nation, an Environmental Resource Permit (ERP) was not obtained for the new stormwater management facility along their eastern property line. FDOT should contact the Seminole Tribe regarding their recent stormwater system expansion into the flood plain of the former forested wetland (near the eastern terminus of this proposed alignment).

If available, SWFWMD supported Watershed Management Models are generally based on more recent land cover and topographic information. The SWFWMD recommends that the FDOT utilize data from these recent flood studies in preference to generalized information on flows and stages. FDOT should coordinate with the District's Engineering & Watershed Management Department in Brooksville in regard to the status & data availability of these Watershed Management Models. Proposed stormwater management systems may necessitate updates to the current or proposed Watershed Management Models.

For those improvements that may affect the existing cross drainage facilities, a bridge hydraulics report should be prepared (if applicable) and submitted with the Environmental Resource Permit application.

Coordinator Feedback: None

0 None assigned 09/13/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Resources: Floodplains

Level of Importance: Development within the 100-year floodplain is of a high level of importance. Construction of roadways within the floodplain should not impede, obstruct or divert the flow of water or debris in the floodplain which would alter the roadway's discharge capacity or otherwise adversely affect public health, safety and welfare, or cause damage to public or private property in the event of a flood.

The GIS analysis data indicates that there are no 100-year floodplain areas located within a 200-foot buffer distance of the proposed project (ETDM #13312, Hillsborough Avenue).

Comments on Effects to Resources: A review of GIS analysis data (DFIRM and Special Flood Hazard Areas) in the EST at the programming screen phase of the project indicates no acreage within the 100-year floodplain. Due to ongoing and increased development in the area, much of the land use and landscape has changed or will change. This results in more impervious surface and less natural runoff and drainage of storm and/or flood waters.

General comments relating to floodplains include the fact that any development within the 100-year floodplain has the potential for placing citizens and property at risk of flooding and producing changes in floodplain elevations and plan view extent. Development (such as roadways, housing developments, strip malls and other commercial facilities) within floodplains increases the potential for flooding by limiting flood storage capacity and exposing people and property to flood hazards. Development also reduces vegetated buffers that protect water quality and destroys important habitats for fish and wildlife.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Floodplains issue for this alternative: FL Department of Environmental Protection, Federal Highway Administration

Coordinator Summary: Infrastructure Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Southwest Florida Water Management District (SWFWMD) and recommends a Degree of Effect of Minimal.

A review of the Geographical Information Systems (GIS) analysis data indicates that no existing infrastructure was identified within the project limits; however, the CSX railroad tracks are located between 50th Street and 56th Street near the western terminus of the project. The bridge over the railroad tracks with need to be widened and/or replaced as part of the widening of Hillsborough Avenue.

ETAT Reviews: Infrastructure Issue: 1 found

0 None assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: No Involvement

Dispute Information:N/A

Identified Resources and Level of Importance: From the SWFWMD's Graphical Information System (GIS), there are no District owned / controlled lands, data collection sites or bench marks within 200 feet of the proposed alignment.

Comments on Effects to Resources: None found.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Infrastructure issue for this alternative: Federal Highway Administration

Coordinator Summary: Navigation Issue

N/A N/A / No Involvement assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the US Army Corps of Engineers (USACE) and recommends a Degree of Effect of None.

No navigable waters are located within the project limits.

ETAT Reviews: Navigation Issue: 1 found

Coordination Document: No Involvement

Dispute Information:N/A

Identified Resources and Level of Importance: no navigable waters were identified

Comments on Effects to Resources: no effect on navigation is anticipated.

Additional Comments (optional): verify absence of navigable waters during the study

CLC Commitments and Recommendations: Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Navigation issue for this alternative: Federal Highway Administration

Coordinator Summary: Special Designations Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the US Environmental Protection Agency (USEPA) and the Southwest Florida Water Management District (SWFWMD) and recommends a Degree of Effect (DOE) of Minimal.

A review of the Geographical Information Systems (GIS) analysis data and comments from USEPA and SWFWMD indicate that there are Native Indian Lands, Brownfields, Unique Farmland soils, and Karst Sensitive Areas (KSA) within or near the project area. Brownfields, Unique Farmland soils and KSAs were discussed in other sections. No impacts to Native Indian Lands (Seminole Tribe of Indians) are anticipated since the project will be constructed within the existing right-of-way. Pond sites may be located outside of existing right-of-way; however, effort will be made to avoid Native Indian Lands. The project will be designed to avoid or minimize impacts to Special Designations.

No comments were received from the Florida Department of Agriculture and Consumer Services (DCA).

ETAT Reviews: Special Designations Issue: 2 found

2 Minimal assigned 09/23/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Resources: Features classified as Special Designations - American Indian Lands, Brownfield Location Boundaries, Prime Farm Land

Level of Importance: These special designation features are of a high level of importance in the State of Florida and in the project area. A minimal degree of effect is being assigned to this issue for the proposed project (ETDM #13312, Hillsborough Avenue).

Comments on Effects to Resources: The GIS analysis data for this project at the programming screen phase lists the following Special Designation features as being within proximity of the proposed project:

American Indian Lands and Native Entities in Florida - Seminole Tribe of Indians, Tampa Reservation

A determination of whether the proposed project will directly impact or encroach upon the Seminole Tribe Tampa Reservation property should be made. Consultation and coordination with the Seminole Tribe may be required according to any protocols developed by FDOT (or FHWA) which will satisfy tribal and agency objectives regarding this roadway project.

Brownfield Location Boundaries - North 56th Street Area (See Contaminated Sites Issue for comments).

Prime Farm Land - Farmland of Unique Importance

The GIS analysis data indicates that there are between 10 and 20 acres of Unique Farmland within the 100- and 200-foot buffer distances. The project area, however, does not intersect existing croplands. The project area has been converted from agricultural to non-agricultural with growth and development and land use changes throughout the years. Therefore, the project should have minimal impact on this Special Designation resource (Unique Farmland).

FDOT should evaluate direct, indirect, and cumulative impacts to special designation features such as the ones listed above. Opportunities to avoid and or minimize impacts and fragmentation to these types of resources should be evaluated and considered to the greatest extent practicable.

Coordinator Feedback: None

2 Minimal assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: Permit Required

Dispute Information:N/A

Identified Resources and Level of Importance: From the SWFWMD's Graphical Information System (GIS), the eastern of this proposed alignment lies within a Sensitive Karst Area (KSA), and two (2) sinkholes were reported to the south between and one (1) mile within this KSA. No recorded sinkholes were reported within 500 feet of the proposed alignment. In addition, the proposed project alignment may also be in a Karst area according to the District publication: "Development of Proposed Environmental Resource Permit Criteria for Sensitive Karst Areas," SWRF, LLC, September 2007, available at:

http://publicfiles.dep.state.fl.us/dwrm/stormwater/stormwater_rule_development/docs/ska_rpt_swfr_09-07.pdf

http://www.dep.state.fl.us/water/wetlands/erp/rules/stormwater/issue_work_groups.htm

Comments on Effects to Resources: As this proposed alignment is located within or near karst topography, potential sinkhole development is a concern, especially if FDOT proposes deep stormwater management ponds that could potentially breach a confining unit or encroach into any underlying limestone formation.

Additional Comments (optional): The SWFWMD has assigned a Degree of Effect based on the potential need for increased coordination or effort associated with the SWFWMD's proprietary or regulatory interests and obligations. For this project, a DOE of "minimal" was assigned to these issues due to the present belief that little or no adverse impacts to MFLs or KSAs are expected. However, if impacts are proposed, low cost options are

available to address these issues. Future permitting should involve routine interaction with the SWFWMD's regulatory staff.

If applicable, FDOT should coordinate with the District Resource Regulation staff and with the Ecologic Evaluation staff to determine the requirements for compliance with the District's adopted Minimum Flows and Levels on the Tampa Bypass Canal.

As this proposed alignment is located within or near karst topography, it is recommended that the stormwater facilities be designed as shallow as practical and that geotechnical evaluations of specific pond sites be conducted to determine the potential for sinkhole development and direct entry of runoff to the Floridan Aquifer. A Drainage or Pond Siting Report, incorporating area-specific geotechnical information on the basin, will be necessary. Direct discharges to active sinkholes (if applicable) are strongly discouraged due to the potential for groundwater contamination.

Additional information on the Florida Aquifer Vulnerability Assessment (FAVA) can be obtained at the following web addresses:

- <http://www.dep.state.fl.us/geology/programs/hydrogeology/fava.htm>
- http://www.dep.state.fl.us/geology/programs/hydrogeology/fava_gis_data.htm
- [http://www.dep.state.fl.us/swapp/documents/Florida Aquifer Vulnerability Assessment.pdf](http://www.dep.state.fl.us/swapp/documents/Florida%20Aquifer%20Vulnerability%20Assessment.pdf)
- http://suwanneeoh.ifas.ufl.edu/documents/FAVA_REPORT_MASTER_DOC_3-21-05.pdf

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Special Designations issue for this alternative: FL Department of Agriculture and Consumer Services, Federal Highway Administration

Coordinator Summary: Water Quality and Quantity Issue

3 *Moderate* assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the US Environmental Protection Agency (USEPA), the Florida Department of Environmental Protection (FDEP), and the Southwest Florida Water Management District (SWFWMD) and recommends a Degree of Effect of Moderate.

Bellows Lake Outlet and Six Mile Creek are two waterbodies located near the project corridor that are listed on the 303(d) list of impaired waters for coliforms, nutrients and dissolved oxygen. The project area is heavily developed and the addition of impervious surfaces may increase stormwater runoff. Presently, the watershed within the project area is deemed as fair to good. Retro-fitting or improvements to existing stormwater management systems could improve water quality within the watershed. The SWFWMD indicated that the drainage system associated with the proposed project must be compatible with existing and previously permitted stormwater management systems within the project area. The SWFWMD will require that stormwater management systems that discharge directly or indirectly into water not meeting standards, including impaired waters, provide a net improvement condition in the water body in terms of the pollutants that contribute to the water body's impairment. The SWFWMD has several stormwater projects that encompass the watersheds of FDOT's Hillsborough Avenue widening project. FDOT should coordinate with the District's Surface Water Improvement and Management (SWIM) department in Tampa regarding the appropriate details and data availability.

The FDOT will provide the appropriate stormwater management system for the addition of impervious surfaces from the widening of Hillsborough Avenue. Permitting will be conducted with SWFWMD and other necessary permitting agencies during the design phase of this project. Coordination with SWFWMD will be conducted during the PD&E study and will be continued into the design phase. The FDOT will refer to the assigned pre-application file (PA# 398474) during any coordination with SWFWMD.

ETAT Reviews: Water Quality and Quantity Issue: 3 found

2 *Minimal* assigned 09/23/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: Resources: Water quality, surface water, groundwater

Level of Importance: These resources are of a high level of importance in the State of Florida and in the area surrounding the proposed project. A minimal degree of effect is being assigned to this issue.

Comments on Effects to Resources: Two nearby surface water bodies, Bellows Lake Outlet and Sixmile Creek, are listed on the Clean Water Act 303(d) list of impaired waters as being impaired for coliforms, nutrients and dissolved oxygen. The watershed within the project area is deemed as fair to good. The PD&E study should include a review of water quality standards in the above listed water bodies, sources of water quality impairments, and any applicable Total Maximum Daily Load (TDML) requirements and how these regulations and/or requirements may affect the proposed project and environmental resource permits.

The area surrounding this project is heavily developed and the majority of the roadway (Hillsborough Avenue) is 4 or 6 lanes. This results in a tremendous amount of impervious surface and the runoff of stormwater which includes a variety of pollutants. Increase in traffic volumes as a result of the roadway project could potentially have both direct and indirect impacts to water quality in surface water bodies. It is recommended that stormwater treatment from this project be designed or retrofitted to prevent any further impairment to these water bodies or other receiving surface waters.

Potential pollutant sources to surface water quality include stormwater runoff into nearby surface water bodies via drainage ditches or other conveyance systems. Stormwater runoff from urban sources, including roadways, carries pollutants such as volatile organics, petroleum hydrocarbons, heavy metals, and pesticides/herbicides. Proper stormwater conveyance, containment, and treatment will be required in accordance with state and federal regulations and guidelines. Engineering design features and hydrological drainage structures should be such that stormwater transport, flow, and discharge meet or exceed requirements.

Coordinator Feedback: None

2 *Minimal* assigned 09/23/2011 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: Permit Required

Dispute Information: N/A

Identified Resources and Level of Importance: Presently, the watershed within the project area is deemed as fair to good, with Bellows Lake Outlet

and Sixmile Creek being impaired for coliforms, nutrients and dissolved oxygen. These water courses are within the 500-ft. buffer of the project. Stormwater treatment should be designed to maintain the natural pre-development hydroperiod and water quality, as well as to protect the natural functions of adjacent surface waters.

Comments on Effects to Resources: Every effort should be made to maximize the treatment of stormwater runoff from the proposed project, as stormwater discharges to the watershed of the aforementioned watercourses. We recommend that the PD&E study include an evaluation of existing area stormwater treatment adequacy and details on the future stormwater treatment facilities. Retro-fitting of stormwater conveyance systems would help reduce impacts to water quality.

Coordinator Feedback: None

3 Moderate assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: Permit Required

Dispute Information:N/A

Identified Resources and Level of Importance: According to the SWFWMD's GIS system (and the FDOT's Environmental Screening Tool - EST) this proposed alignment traverses the following watersheds:

Tampa Bay Tributaries, Group 2 - Hillsborough River
- Hillsborough Reservoir, Class 1, Watershed Basin Identifier (WBID) 1443E1

Tampa Bay, Group 1 - Coastal Hillsborough Bay Tributary
- Bellows Lake (East Lake) Outlet, Class 3F, WBID #1579

Tampa Bay, Group 1 - Coastal Hillsborough Bay Tributary
- Sixmile Creek (Tampa Bypass Canal), Class 3F, WBID #1536B

Classifications of surface waters are in accordance with Rule 62-302.400, F.A.C (Surface Water Quality Standards), available at:
<https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-302>

According to the most current information from the FDEP, the following TMDL activity is relevant to the SWFWMD's regulatory interests on this proposed alignment:

1. Hillsborough Reservoir, Class 1, (WBID 1443E1) - Verified impairments (as of 05/14/09) include Nutrients (TSI), Mercury (in fish tissue), and dissolved oxygen. A final (06/30/09) Hillsborough River Basin Management Action Plan (BMAP) for Fecal Coliform Bacteria is available from the following FDEP web sites:

<http://www.dep.state.fl.us/water/watersheds/bmap.htm>

http://www.dep.state.fl.us/water/watersheds/docs/bmap/hillsb_bmap_adopted.pdf

2. Bellows Lake (East Lake) Outlet, Class 3F, (WBID #1579) - Verified impairments (as of 05/14/09) include Nutrients (Chlorophyll-a), Fecal Coliform and Dissolved Oxygen. Two (2) draft TMDL reports (dated 02/15/10 and November, 2009) are also available from FDEP's web site (noted below) for Dissolved Oxygen & Nutrients and Fecal Coliform.

3. Sixmile Creek (Tampa Bypass Canal), Class 3F, WBID #1536B - as of 05/14/09, no specific verified impairments were noted on FDEP's web site (noted below).

The above impaired waters information was obtained from the "Permits" tab of the FDEP's TMDL Tracker, accessible at:

<http://webapps.dep.state.fl.us/DearTmdl/dashboardAction.do?method=dashboard#>

The SWFWMD has adopted Minimum Levels and Flows (MFLs) for the Tampa Bypass Canal, and is proposing to modify existing language in its Water Levels and Rates of Flow Rules to indicate that minimum flows, minimum levels or guidance levels will not be established for the middle Hillsborough River. Reports relating to the MFL Program on these streams are available at http://www.swfwmd.state.fl.us/projects/mfl/mfl_reports.php.

Utilizing the SWFWMD's GIS system during August, 2011, District staff identified twenty-five (25) previously issued Environmental Resource Permits (ERPs) or Stormwater Permits within 200 feet of this proposed alignment. A listing of these projects is as follows:

35155.000 - Stepp's Towing - Shadowlawn Storage Building (Stepp's Towing Service/James E Stepp)
5941.000 - EXXON GAS/CONV. STORE-HILLS. AVE (Exxon Co USA C/O Humble Oil And Refining Corp)
343.000 - PADLOCK MINI-STORAGE-E. HILLS. (Rosewood Construction)
7833.000 - BURGER KING-HILLSBOROUGH AVEUNE (Burger King Corp)
16047.000 - SPANISH RESTAURANT (Jim-N-I Investments Inc.)
001473.00 - PADLOCK MINI-STORAGE-E. HILLS.
24217.000 - HARNEY ROAD LAND EXCAVATION SITE (John & Mary Enterprises)
006672.00 - EAST LAKE CENTER
14453.000 - HILLS. CO.-HARNEY ROAD OUTFALL (Hillsborough Co Solid Waste Dept.)
13058.000 - HILLS. CO.-HARNEY ROAD SMI (Hillsborough Co Solid Waste Dept.)
13058.001 - HILLS. CO.-HARNEY ROAD SMI (Hillsborough Co Solid Waste Dept.)
7235.000 - HILLS. CO.-EAST LAKE PK. OUTFALL (Hillsborough Co Solid Waste Dept.)
33611.000 - SUNCOAST SCHOOLS FED CREDIT UNION - PH 1 (Suncoast Schools Federal Credit)
10288.000 - DRIVETIME - M KRIZMANICH-AUTO DEALERSHP (Drivetime Auto Sales C/O Michael Krizmanich)
24336.000 - SUNCOAST SCHOOLS FCU-E HILLSBOROUGH (Suncoast Schools Federal Credit)
9601.002 - SUNCOAST SCHOOLS FCU-E HILLSBOROUGH AVE (Suncoast Schools Federal Credit)
9601.003 - SUNCOAST SCHOOLS FCU-REPO CAR SALES LOT (Suncoast Schools Federal Credit)
21323.001 - AVERITT EXPRESS HILLSBOROUGH AVE (Averitt Express Attn: Walter Crawford)
19482.000 - AMERICAN FREIGHTWAYS (Fedex Freight Inc.)
19482.002 - FedEx Freight - fka American Freightways (FedEx Freight Inc/ ATTN: Gary Satterfield)

22070.000 - MORE TV 32 (Wmor Tv Co)
16874.000 - MY'S VIETNAMESE-CHINESE RESTAURANT (Lee Harris)
006821.00 - CIRCLE K-HILLS. AVE & ORIENT RD.
25823.000 - HILLS CO-ORIENT ROAD IMPROVEMENTS (Hillsborough County Board of County Commissioners)
2655.002 - WEXFORD APARTMENTS (Twc Sixty-Seven Ltd.)

Impacts to existing permitted stormwater management systems may decrease performance in terms of flood management or stormwater treatment. Filling within any flood plain or historic basin storage area may decrease floodplain storage which could increase flooding depth and duration.

As the Seminole Tribe is a sovereign nation, ERPs were not obtained for their existing / proposed stormwater management facilities. FDOT should contact the Seminole Tribe regarding the details of their recent stormwater system expansion (near the eastern terminus of this proposed alignment).

In regard to stormwater quantity issues, it appears from the USGS topographic maps that a significant portion of this project (west of Harney Road within WBID # 1443E) flows north and south to historically "closed" drainage basis. From internal discussions with the SWFWMD's Tampa Regulatory staff, Hillsborough County has been working on drainage improvements adjacent to 56th Street to the north in order alleviate some of the localized flooding issues in the area. To the south, it appears that little or no drainage improvements have been made to the closed drainage basin within the Myrtle Hill cemetery.

Utilizing the SWFWMD's GIS system during August, 2011, District staff identified two (2) previously issued Water Use Permits (WUPs) within 500 feet of this proposed alignment. A listing of these public water supply wells is as follows:

2707.004 - Pluris Eastlake LLC, Predominate Use: Public Supply, 6 inch diameter casing, Latitude 27 59 42.70, Longitude 82 22 51.90
2707.004 - Pluris Eastlake LLC, Predominate Use: Public Supply, 10 inch diameter casing, Latitude 27 59 42.70, Longitude 82 22 53.60
These wells are located west of Walton Way approximately 370 feet south of Hillsborough Avenue.

Utilizing the SWFWMD's GIS system during August, 2011, District staff identified twenty-one (21) previously issued Well Construction Permits within 500 feet of this proposed alignment. A listing of these smaller wells is as follows:

648443 - Owner: John Davenport, Well Driller: COLEMAN'S WELL DRILLING, Well Type: Ground Water/Geologic, Well use type description: PLUGGED, Well Casing Diameter: 4 inches, Well location Street Name: 4943 E. HILLSBOROUGH AVE., Latitude 27 59 45.87, Longitude 82 24 08.58
779423 - Owner: Antolino Ramirez Vargas, Well Driller: HOWARD PUMP SERVICE, INC., Well Type: Ground Water/Geologic, Well use type description: IRRIGATION, Well Casing Diameter: not listed, Well location Street Name: 4952 E HILLSBOROUGH AV., Latitude: 27 59 47.19, Longitude 82 24 07.16
800051 - Owner: Williams Scotsman Inc., Well Driller: ZEBRA ENVIRONMENTAL CORP., Well Type: Ground Water/Geologic, Well use type description: PLUGGED, Well Casing Diameter: not listed, Well location Street Name: 5002 E HILLSBOROUGH AV TAMPA, Latitude: 27 59 49.31, Longitude 82 24 04.91
768371 - Owner: Hillsborough And 56th Street L, Well Driller: A T I-DRILLING INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 5226 E HILLSBOROUGH AV Unincorporated, Latitude: 27 59 49.45, Longitude 82 23 45.02
768372 - Owner: Hillsborough And 56th Street L, Well Driller: A T I-DRILLING INC., Well Type: Ground Water/Geologic, Well use type description: PLUGGED, Well Casing Diameter: not listed, Well location Street Name: Hillsborough And 56th Street L, Latitude: 27 59 49.16, Longitude 82 23 44.90
767758 - Owner: Chemtura Corporation, Well Driller: NATIONAL ENV TECHNOLOGY INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 5414 N. 56TH STREET, Latitude: 27 59 46.88, Longitude 82 23 31.99
767759 - Owner: Chemtura Corporation, Well Driller: NATIONAL ENV TECHNOLOGY INC., Well Type: Ground Water/Geologic, Well use type description: PLUGGED, Well Casing Diameter: not listed, Well location Street Name: 5414 N. 56TH STREET, Latitude: 27 59 46.88, Longitude 82 23 31.55
684884 - Owner: Cummins Southeastern Power, Inc., Well Driller: GENERAL BORING SOUTH INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: 2 inches, Well location Street Name: 5405 N 59TH ST., Latitude: 27 59 48.64, Longitude 82 23 22.64
601583 - Owner: Cummins Southeastern Power, Inc., Well Driller: PREFERRED DRILLING SOLUTION INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: 2 inches, Well location Street Name: 5910 E. HILLSBOROUGH AVE., Latitude: 27 59 46.60, Longitude 82 23 21.63
597711 - Owner: Cummins Southeastern Power, Inc., Well Driller: DIVERSIFIED DRILLING CORP., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: 2 inches, Well location Street Name: 5912 E HILLSBOROUGH AVE., Latitude: 27 59 46.60, Longitude 82 23 21.45
680243 - Owner: Suncoast Schools Federal Credit, Well Driller: CUSTOM DRILLING SERVICES INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: 2 inches, Well location Street Name: 6804 E HILLSBOROUGH AVE., Latitude: 27 59 46.66, Longitude 82 22 42.18
780073 - Owner: Suncoast Sch. Cr. Un., Well Driller: CUSTOM DRILLING SERVICES INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 6804 E HILLSBOROUGH AV Unincorporated, Latitude: 27 59 48.66, Longitude 82 22 33.71
805172 - Owner: Suncoast Sch. Cr. Un., Well Driller: CUSTOM DRILLING SERVICES INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 6804 E HILLSBOROUGH AV., Latitude: 27 59 49.36, Longitude 82 22 33.06
783358 - Owner: Suncoast Sch Cr Un, Well Driller: CUSTOM DRILLING SERVICES INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 6804 E HILLSBOROUGH AV Unincorporated, Latitude: 27 59 49.09, Longitude 82 22 32.75
805173 - Owner: Suncoast Sch Cr Un, Well Driller: CUSTOM DRILLING SERVICES INC., Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 6804 E HILLSBOROUGH AV, Latitude: 27 59 49.16, Longitude 82 22 31.64
814016 - Owner: Suncoast Sch Cr Un, Well Driller: not listed, Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 6804 E HILLSBOROUGH AV, Latitude: 27 59 49.23, Longitude 82 22 31.34
814016 - Owner: Suncoast Sch Cr Un, Well Driller: not listed, Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 6804 E HILLSBOROUGH AV, Latitude: 27 59 49.15, Longitude 82 22 30.88
560586 - Owner: Circle K Corp, Well Driller: MIXON FOUNDATION & DRILLING, Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: 2 inch, Well location Street Name: 7220 E. HILLSBOROUGH, Latitude: 27 59 46.64, Longitude 82 22 26.00

808017 - Owner: Radiant Oil Co Of Tampa Inc., Well Driller: not listed, Well Type: Ground Water/Geologic, Well use type description: MONITOR, Well Casing Diameter: not listed, Well location Street Name: 7220 E HILLSBOROUGH AV, Latitude: 27 59 47.77, Longitude 82 22 25.19
574848 - Owner: Wade P Baker, Well Driller: H&H WELL DRILLING, Well Type: Ground Water/Geologic, Well use type description: IRRIGATION, Well Casing Diameter: 4 inch, Well location Street Name: 7416 E HILLSBOROUGH AVE., Latitude: 27 59 46.71, Longitude 82 22 20.41
676197 - Owner: Seminole Chevron, Well Driller: GROUNDWATER PRO/PRECSION SAMPLIN, Well Type: Ground Water/Geologic, Well use type description: REMEDIATION - RECOVERY, Well Casing Diameter: 6 inch, Well location Street Name: 7702 E HILLSBOROUGH AVE., Latitude: 27 59 46.58, Longitude 82 22 14.02

Comments on Effects to Resources: Under-treated or untreated runoff generated by the project could impact two (2) watersheds that are currently classified as impaired by FDEP, one of which (Hillsborough Reservoir) discharges to a Class 1 water body used for a potable water supply.

Specific parameters of concern associated with stormwater runoff from this project include heavy metals, oils & greases, nutrients and toxic substances. As a significant portion of this project is located in a known karst area, existing toxic waste sites along the corridor become a higher issue of concern due to their potential to contaminate ground water with the construction of new stormwater management systems.

West of Harney Road, under-attenuated quantity discharges from this roadway widening project could exacerbate localized flooding within in the historically closed drainage basins.

Additional Comments (optional): The SWFWMD has assigned a Degree of Effect (DOE) based on their opinion of the potential of this project to result in increased coordination or effort associated with the SWFWMD's regulatory interests and obligations. For this project, a DOE of "moderate" was assigned to this issue due to the present belief that future ERP permitting is expected to be non-routing for the verified impaired waters within WBIDs #1443E1 and #1579, and the localized flooding issues west of Harney Road. However, the expected permitting effort by FDOT should be straight forward and a normal effort is expected on the part of SWFWMD's regulatory staff.

FDOT must provide reasonable assurance that the various alternates / segments will not cause adverse water quantity / quantity impacts to receiving waters and off-site properties. The drainage systems associated with this project must be compatible with existing and previously permitted stormwater management systems. The SWFWMD also requests that FDOT cooperate with ongoing watershed studies by the District's Engineering & Watershed Management Department in Brooksville and the surface water projects of the Surface Water Improvement and Management (SWIM) department in Tampa.

Details regarding Karst topography and potential sinkholes were previously addressed in the "Special Designations" portion of this Direct Effects report. It is recommended that FDOT perform a specific investigation to determine whether sinkholes will be a factor in the drainage design of this project. Treatment pond design also will be influenced by the presence of sinkholes, and the District recommends that ponds be as shallow as practicable. A Drainage or Pond Siting Report (incorporating area-specific geotechnical information on the basin) will be necessary. Direct discharges to active sinkholes are strongly discouraged due to the potential for groundwater contamination.

The SWFWMD will require that stormwater management systems that discharge directly or indirectly into waters not meeting standards, including impaired waters, provide a net improvement condition in the water body in terms of the pollutants that contribute to the water body's impairment. A higher level of treatment may be necessary (Reference: Section 3.3.1.4 of the District's Basis of Review, available at <http://www/permits/rules/>). If necessary, reductions in pollutant loading from stormwater runoff via stormwater treatment facilities or other BMPs will be required to implement the draft TMDLs should they be finalized and adopted. As previously noted in this section, a final Basin Management Action Plan (BMAP) for Fecal Coliform Bacteria was adopted by FDEP on 06/30/09 for the Hillsborough River (within WBID #1443E1).

In addition, specific studies that contain useful water quality and hydrologic information have been done by FDEP, the SWFWMD and the USGS. These reports can be accessed through the District's Library at <http://www15.swfwmd.state.fl.us/dbtw-wpd/mywebqbe/librarybasic.htm>. Type in the water body of interest, click on "Submit query" then click on the pull-down menu in the upper left and select "Record Display - Web." One particular study of interest is the December, 1997 report entitled East Lake Restoration by Environmental Research and Design, Inc., available through the URL noted above, or directly at: <http://www15.swfwmd.state.fl.us/LibraryImages/EAST LAKE RESTORATION EVAL.PDF>

The SWFWMD has several stormwater projects that encompass the watersheds of FDOT's Hillsborough Avenue widening project. FDOT should coordinate with the District's Surface Water Improvement and Management (SWIM) department in Tampa regarding the appropriate details & data availability. District SWIM projects that may be helpful in the PD&E and design phase of Hillsborough Avenue include the following:

Project W225 - Melbourne Boulevard Stormwater Retrofit: SWFWMD contact - Ms. Janie Hagberg.

Project W229 - East Lake Outfall Water Quality Improvement Project: SWFWMD contact - Ms. Nancy Norton.

In regard to stormwater quantity issues, the District's Basis of Review document (available at <http://www/permits/rules/>) describes design approaches and criteria that will provide reasonable assurances that the proposed surface water management system will meet the conditions for issuance of an Environmental Resource Permit (ERP). Parameters frequently over or under estimated include: seasonal high water levels, seasonal high groundwater table elevations, historic basin storage, floodplain storage, floodway hydraulic capacity, peak discharge rates and timing, tailwater conditions in the receiving system, total discharged volume, and off-site hydrograph timing impacts. Site-specific design data is preferable to "book values." The District recommends that the FDOT consider providing a pond siting report that addresses these design approaches and criteria.

For those improvements that may affect the existing cross drainage facilities, a bridge hydraulics report should be prepared (if applicable) and submitted with the ERP application.

If applicable, FDOT should coordinate with the District's Resource Regulation staff and with the Ecologic Evaluation staff to determine the requirements for compliance with the District's adopted Minimum Flows and Levels on the Tampa Bypass Canal.

SWFWMD supported Watershed Management Models are generally based on more recent land cover and topographic information. The SWFWMD recommends that the FDOT utilize data from these recent flood studies in preference to generalized information on flows and stages. FDOT should coordinate with the District's Engineering & Watershed Management Department in Brooksville regarding the status / data availability of these Watershed Management Models. Proposed stormwater management systems may necessitate updates to the current or proposed Watershed Management Models. SWFWMD flood studies that may be helpful in the PD&E and design phase of Hillsborough Avenue include the following:

Project L099 - East Lake Watershed Model Update: SWFWMD contact - Mr. Dave Arnold

Project L099 - Hillsborough River / Tampa Bypass Canal Watershed Model Update: SWFWMD contact - Mr. Dave Arnold

Project B126 - Hillsborough County Model Reviews - Hillsborough River: SWFWMD contact - Mr. Dave Arnold

If this project will require the acquisition of new right-of-way areas, the current rule for eminent domain noticing is 40D-1.603(9), FAC and requires the applicant to provide the noticing to the affected property owners. Additionally, any issued permit may include special conditions prohibiting construction until the FDOT provides evidence of ownership and control.

For ETDM #13312, the District has assigned a pre-application file (PA# 398474) for the purpose of tracking its participation in the ETDM review of this project. File PA# 398474 is maintained at the Tampa Service Office of the SWFWMD. Please refer to this pre-application file whenever contacting District regulatory staff regarding this project.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Water Quality and Quantity issue for this alternative: Federal Highway Administration

Coordinator Summary: Wetlands Issue

3 *Moderate* assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Hillsborough County Metropolitan Planning Organization (MPO), Florida Department of Environmental Protection (FDEP), US Environmental Protection Agency (USEPA), the US Army Corps of Engineers (USACE), the Southwest Florida Water Management District (SWFWMD), the US Fish and Wildlife Service (USFWS), and the National Marine Fisheries Service (NMFS) and recommends a Degree of Effect of Moderate.

An Environmental Resource Permit (ERP) will be required with the SWFWMD. The FDEP stated that the project should be designed to eliminate or minimize any potential impacts to wetlands, including both the widening of Hillsborough Avenue and placement of stormwater management facilities. The USEPA recommends delineating wetlands, assessment of wetland value and function, avoidance and minimization and mitigation to offset any impacts. The USACE indicated that the EST identified approximately 1.3 acres of palustrine wetlands within the 200-ft buffer. All waters, ditches, swales, wetlands and other aquatic resources need to be identified along the project corridor. The SWFWMD indicated that there are vegetated surface water ditches along the majority of the project, primarily consisting of sodded grasses and with the occasional desirable wetland species. These ditches are primarily constructed in urban, upland soils and are classified as man-made structure for water conveyance. On the eastern end of the project there is a historically altered forested wetland that is located mainly on land belonging to the Seminole Tribe of Florida, with some areas that appear to be located within the existing right-of way. The USFWS recommended avoidance of wetland resources and recommends FDOT provide mitigation that offset wetland loss if impacts are unavoidable. The NMFS conducted a site inspection on August 10, 2011, but provided no comment since there will be no direct or indirect impacts to NMFS trust resources.

Minimal to no wetland impacts are anticipated based on the urban-nature of the project. The FDOT will coordinate and permit the project with the SWFWMD, USACE and other necessary agencies. The project will be designed to avoid and minimize wetland impacts to the extent practicable for the roadway widening and stormwater management facilities. The FDOT will prepare an Environmental Technical Compendium that will address potential impacts to wetlands within the project corridor during the PD&E study. Mitigation will be provided to offset any unavoidable impacts to wetlands.

ETAT Reviews: Wetlands Issue: 7 found

2 *Minimal* assigned 09/23/2011 by Wally Blain, Hillsborough County MPO

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: wetland impacts

Comments on Effects to Resources: The Environmental and Public Facility Group of the Planning Commission has reviewed this project and identified the potential for isolated wetland impacts. However, it was determined that these would not be inconsistent with the environmental provisions in the Hillsborough County Comprehensive Plan

Coordinator Feedback: None

2 *Minimal* assigned 09/23/2011 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: Permit Required

Dispute Information:N/A

Identified Resources and Level of Importance: The National Wetlands Inventory GIS report indicates that a total of 7.1 acres of palustrine wetlands occur within the 500-ft. project buffer zone.

Comments on Effects to Resources: An Environmental Resource Permit (ERP) will be required from the Southwest Florida Water Management District - the ERP applicant will be required to eliminate or reduce the proposed wetland resource impacts of highway widening to the greatest extent practicable:

- Minimization should emphasize avoidance-oriented corridor alignments, wetland fill reductions via pile bridging and steep/vertically retained side slopes, and median width reductions within safety limits.
- Wetlands should not be displaced by the installation of stormwater conveyance and treatment swales; compensatory treatment in adjacent uplands is the preferred alternative.
- After avoidance and minimization have been exhausted, mitigation must be proposed to offset the adverse impacts of the project to existing wetland functions and values. Significant attention is given to forested wetland systems, which are difficult to mitigate.
- The cumulative impacts of concurrent and future transportation improvement projects in the vicinity of the subject project should also be addressed.

Coordinator Feedback: None

2 *Minimal* assigned 09/23/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Resources: Wetlands, wetlands habitat

Level of Importance: Low, due to minimal degree of effect

Comments on Effects to Resources: A review of GIS analysis data in the EST at the programming screen phase of the project indicates that a small amount of palustrine wetlands are located within proximity of the proposed project. Less than 1 acre of palustrine wetlands are identified within the 100-foot buffer distance and less than 2 acres of palustrine wetlands are identified within the 200-foot buffer distance.

EPA is assigning a minimal degree of effect to this issue due to the fact that there should not be significant additional impact to wetlands and wetlands habitat as a result of the project, as proposed. It is, however, recommended that the environmental phase of the project include delineation of wetlands; functional analysis of wetlands to determine their value and function; an evaluation of stormwater pond sites to determine their impact on wetlands; avoidance and minimization strategies for wetlands; and mitigation plans to compensate for adverse impacts.

An issue of concern includes increased stormwater runoff and the increase of pollutants into surface waters and wetlands as a result of the roadway project and other point and nonpoint sources. Every effort should be made to maximize the collection and treatment of stormwater. Stormwater collection and treatment mechanisms should be designed to protect the function of surrounding wetlands, floodplains, and surface water features.

Indirect and cumulative effects on wetlands should also be considered regarding incremental and cumulative impacts on natural resources (wetlands) as a result of past, present, and reasonably foreseeable actions, including the proposed project and other land use actions.

Coordinator Feedback: None

3 *Moderate* assigned 09/22/2011 by Garrett Lips, US Army Corps of Engineers

Coordination Document: PD&E Support Document As Per PD&E Manual

Dispute Information: N/A

Identified Resources and Level of Importance: EST identified approximately 1.3 acres of palustrine wetlands within 200 feet of the corridor. Additional waters that may be jurisdictional may exist within or adjacent to the corridor. Please ensure all waters, ditches, swales, wetlands, and other aquatic resources are identified during the study. Also, please ensure there are no conservation areas, formally constructed/permitted compensatory mitigation sites, or other areas that are expected to be preserved in perpetuity that may be adversely affected.

Comments on Effects to Resources: The Corps supports alternatives that avoid wetlands. If unavoidable impacts are anticipated, the Corps recommends, to the extent practical, the FDOT to implement design measures, such as retaining walls, reduced median or shoulder widths, or other approaches to reduce wetland impacts.

CLC Commitments and Recommendations: **Coordinator Feedback:** None

2 *Minimal* assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: Permit Required

Dispute Information: N/A

Identified Resources and Level of Importance: There are vegetated surface water ditches located along the majority of the Right-Of-Way (ROW) for the 1.999 mile proposed project area. These surface water ditches appear to be well maintained and are exhibiting typical sod grasses with the occasional desirable wetland species. These surface water ditches are primarily created in urban, upland soils and are classified as man-made structures for water conveyance. Near the eastern terminus of Hillsborough Avenue there is a historically altered forested wetland that falls within the 200 foot buffer. A large portion of this wetland is located on the land belonging to the Seminole Tribe, which is a sovereign nation. The remaining segment of this forested wetland, which appears to be located within the existing ROW, is exhibiting wetland vegetation typical of a disturbed wetland, such as Carolina willow (*Salix caroliniana*) and torpedo grass (*Panicum repens*).

Comments on Effects to Resources: Expansion of the existing roadway from 4 lanes to 6 lanes will impact the surface water ditches running parallel to Hillsborough Avenue unless the expansion will be utilizing the median. These surface water ditches are vegetated and may be providing water quality treatment.

Additional Comments (optional): A Degree of Effect of "Minimal" was assigned to this issue due to the fact the surface water ditches will need to be delineated, quantified, and labeled on the construction plans as part of the permit review. Wetland mitigation will not be required to offset the potential impacts to these vegetated surface water ditches; however, water quality will need to be addressed to offset the impacts to the existing vegetation.

An Environmental Resource Permit (ERP) will be required for this project. However, the final determination of the type of permit will depend upon the final design configuration. If the wetland impacts exceed the threshold limit of one (1.0) acre, an Individual ERP will be required.

For ETDM #13312, the District has assigned a pre-application file (PA# 398474) for the purpose of tracking its participation in the ETDM review of this project. File PA# 398474 is maintained at the Tampa Service Office of the SWFWMD. Please refer to this pre-application file whenever contacting District regulatory staff regarding this project.

Coordinator Feedback: None

2 *Minimal* assigned 09/13/2011 by Jane Monaghan, US Fish and Wildlife Service

Coordination Document: To Be Determined: Further Coordination Required

Dispute Information: N/A

Identified Resources and Level of Importance: Wetlands and the services they provide such as flood protection, filtration and foraging/nesting habitat for wood storks and other wetland dependent species.

Comments on Effects to Resources: Fish and Wildlife Resources: Wetlands provide important habitat for fish and wildlife. According to the Environmental Screening Tool, wetlands are found within the project area. We recommend that these valuable resources be avoided to the greatest extent practicable. If impacts to wetlands are unavoidable, we recommend the FDOT provide mitigation that fully compensates for the loss of wetland resources.

Coordinator Feedback: None

N/A *N/A / No Involvement* assigned 08/12/2011 by David A. Rydene, National Marine Fisheries Service

Coordination Document: No Involvement

Dispute Information: N/A

Identified Resources and Level of Importance: None.

Comments on Effects to Resources: NOAA's National Marine Fisheries Service (NMFS) has reviewed the information contained in the

Environmental Screening Tool for ETDM Project # 13312. The Florida Department of Transportation District 7 proposes widening Hillsborough Avenue from 50th Street to the western terminus of the I-4 ramps in Hillsborough County, Florida. The road would be widened from four lanes to six lanes.

NMFS staff conducted a site inspection of the project area on August 10, 2011, to assess potential concerns regarding living aquatic resources. It does not appear that there will be any direct or indirect impacts to NMFS trust resources. Since the resources affected are not ones for which NMFS is responsible, we have no comment to provide regarding the project's impacts.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Wetlands issue for this alternative: Federal Highway Administration

Coordinator Summary: Wildlife and Habitat Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Southwest Florida Water Management District (SWFWMD), the Florida Fish and Wildlife Conservation Commission (FFWCC), and the US Fish and Wildlife Service (USFWS) and recommends a Degree of Effect of Minimal.

The project is located in a highly urbanized area of Hillsborough County that has minimal natural habitat for wildlife. The SWFWMD indicated that the site is listed as a USFWS Ecological Service Area for the piping plover, Florida scrub-jay, wood stork, red-cockaded woodpecker, eastern indigo snake and Florida golden aster. The USFWS stated that the majority of the direct and indirect impacts to natural resources have already occurred. The project passes through the Core Foraging Areas (CFA) of at least five nesting wood stork colonies and that the eastern indigo snake can be found in a wide variety of habitats, including urban settings.

The FDOT will coordinate with the appropriate agencies and will permit the project with SWFWMD and USACE. Since this project is located within a highly urbanized area, no impacts to wildlife or wildlife habitat is expected. The FDOT will prepare an Environmental Technical Compendium that will address potential impacts to wildlife and habitat within the project corridor during the PD&E study. The FDOT will coordinate and provide necessary mitigation if wildlife or habitat is impacted as a result of the project.

ETAT Reviews: Wildlife and Habitat Issue: 3 found

2 Minimal assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: Permit Required

Dispute Information: N/A

Identified Resources and Level of Importance: According to the FFWCC Strategic Habitat Conservation Area Richness report from 2009 the proposed site has a low ranking for species richness. Both the 100 foot buffer and the 200 foot buffer fall within the Scrub Jay Consultation Area as analyzed on August 9, 2011. The site is listed as a USFWS Ecological Service Area for the following Federally Listed Species: Piping Plover, Florida Scrub-Jay, Wood Stork, Red-Cockaded Woodpecker, Eastern Indigo Snake, and the Florida Golden Aster.

Comments on Effects to Resources: The expansion of Hillsborough Avenue with the filling of the roadside ditches may have a detrimental effect on the foraging birds within the vicinity of the project.

Additional Comments (optional): The proposed project area is located within a highly urbanized and industrial region with an existing high traffic roadway. Usage of this area, with the exception of the wetland located at the eastern terminus, by wildlife appears to be limited to foraging birds.

Coordinator Feedback: None

2 Minimal assigned 09/13/2011 by Scott Sanders, FL Fish and Wildlife Conservation Commission

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: No significant fish or wildlife issues identified.

Comments on Effects to Resources: Minimal impacts to fish or wildlife resources are anticipated from this project.

Coordinator Feedback: None

2 Minimal assigned 09/13/2011 by Jane Monaghan, US Fish and Wildlife Service

Coordination Document: To Be Determined: Further Coordination Required

Dispute Information: N/A

Identified Resources and Level of Importance: Federally protected species and the ecosystems upon which they depend.

Comments on Effects to Resources: This project is located in a highly urbanized area. The proposal involves widening Hillsborough Ave from four lanes to six lanes. The majority of the direct and indirect impacts to natural resources have already occurred as a result of the original highway construction.

Wood Stork *Mycteria americana*

The project passes through the Core Foraging Areas (CFA) for at least five active nesting colonies of the federally endangered wood stork. The following colonies are within a 15 mile radius of the road project: East Lake/Bellow Lake, Little Hillsborough River Swamp, Cross Creek, Cypress Creek and Sheldon road. The Service has determined that the loss of wetlands within a CFA due to an action could result in the loss of foraging habitat for the wood stork. To minimize adverse effects to the wood stork and other wetland dependent species, we recommend that impacts to wetlands be avoided. Please refer to the North Florida Field Office website for exact colony locations, definitions and the effect determination key.

Eastern Indigo Snake *Drymarchon corais couperi*

This species can be found in a wide variety of habitats, including urban settings. If suitable habitat is present and/or gopher tortoise burrows are found on site, the Eastern indigo snake guidelines for construction should be implemented. These guidelines can be found on the USFWS website (<http://www.fws.gov/northflorida>)

Level of Effect: Minimal

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Wildlife and Habitat issue for this alternative: Federal Highway Administration

ETAT Reviews and Coordinator Summary: Cultural Issues

Coordinator Summary: Historic and Archaeological Sites Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Florida Department of State (SHPO), the Southwest Florida Water Management District (SWFWMD), and the Seminole Tribe of Florida and recommends a Degree of Effect of Minimal.

There are no historic resources located within a half-mile of the project's corridor; however, the Seminole Tribe of Indians, Tampa Reservation is located within 100 feet of the project corridor at the eastern terminus of the proposed project. The Tampa Reservation land has a casino located on the site. There are no SWFWMD-owned lands or controlled lands within the project corridor. The Seminole Tribe of Indians Tribal Historic Preservation Office requests that a Cultural Resource Assessment Survey (CRAS) be conducted in order to determine effects, if any, to archaeological sites within the project area. The Seminole Tribe of Indians would like to review a CRAS prior to commenting on possible effects to archaeological sites.

The FDOT will conduct a CRAS as part of the PD&E study. Minimal to no impacts to historic or archaeological sites are anticipated by the proposed project. The FDOT will coordinate with the Seminole Tribe of Indians for any work that will be conducted adjacent to their land.

ETAT Reviews: Historic and Archaeological Sites Issue: 3 found

2 Minimal assigned 09/23/2011 by Alyssa McManus, FL Department of State

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: There are no historic resources located within a half-mile of this project's corridor. However, the Seminole Tribe of Indians, Tampa Reservation is located within 100 ft. of the corridor.

Comments on Effects to Resources: Although the Tampa Reservation lies within the 100' buffer of this proposed project, it is identified as having a casino on it.

Bridge # 100592 lies within 100' of the project corridor. However, it is not historic, having been built in 1999.

There are some neighborhoods and buildings that are beyond the adjacent parcels of this project corridor, constructed at least 50 years ago. As the project APE develops, these buildings, if impacted, will need to be recorded on FMSF forms.

This area has very low potential for significant archaeological discoveries. However, any unanticipated finds should be reported.

Additional Comments (optional): If the adjacent properties' buildings are demolished, this will have a direct effect on potential historic districts.

Coordinator Feedback: None

0 None assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: No Involvement

Dispute Information: N/A

Identified Resources and Level of Importance: There are no District owned or controlled lands within the proposed alignment. The Seminole Tribe of Indians - Tampa Reservation is located at the eastern terminus of the proposed route.

Comments on Effects to Resources: Expansion of Hillsborough Avenue along the eastern terminus may result in construction activities directly adjacent to land owned by The Seminole Tribe of Indians.

Additional Comments (optional): All proposed work on or adjacent to land established by the Seminole Tribe of Indians will need to be coordinated with the Seminole Tribe.

Coordinator Feedback: None

2 Minimal assigned 08/18/2011 by Elliott York, Seminole Tribe of Florida

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: Due to the absence of a systematic Cultural Resources Assessment Survey for the proposed project corridor, the STOF-THPO would like to request a CRAS be conducted in order to determine effects, if any, to archaeological sites within the project area.

Comments on Effects to Resources: The STOF-THPO would like to review a CRAS before commenting on possible effects to archaeological sites in the project area.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Historic and Archaeological Sites issue for this alternative: Federal Highway Administration

Coordinator Summary: Recreation Areas Issue

0 None assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Florida Department of Environmental Protection (FDEP), the Southwest Florida Water Management District (SWFWMD), and the US Environmental Protection Agency (USEPA), and recommends a Degree of Effect of None.

There are no recreational lands, parks, or SWFWMD-owned or controlled lands located within the project corridor. No impacts to recreation areas will occur as a result of the proposed project.

ETAT Reviews: Recreation Areas Issue: 3 found

0 None assigned 09/23/2011 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: No Selection
Dispute Information:N/A
Identified Resources and Level of Importance: None found.
Comments on Effects to Resources: None found.
Coordinator Feedback: None

0 None assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: No Involvement
Dispute Information:N/A
Identified Resources and Level of Importance: From the SWFWMD's Graphical Information System (GIS), there are no District owned / controlled lands within 200 feet of the proposed alignment.
Comments on Effects to Resources: None found.
Coordinator Feedback: None

0 None assigned 09/13/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection
Dispute Information:N/A
Identified Resources and Level of Importance: None found.
Comments on Effects to Resources: None found.
Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Recreation Areas issue for this alternative: Federal Highway Administration

Coordinator Summary: Section 4(f) Potential Issue

N/A N/A / No Involvement assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) recommends a Degree of Effect of N/A / No Involvement.

There are no Section 4(f) resources located within the project corridor; therefore, no impacts to these resources are anticipated to be impacted by the proposed project.

ETAT Reviews: Section 4(f) Potential Issue: None found

The following organization(s) were expected to but did not submit a review of the Section 4(f) Potential issue for this alternative: Federal Highway Administration

ETAT Reviews and Coordinator Summary: Community Issues

Coordinator Summary: Aesthetics Issue

0 None assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) recommends a Degree of Effect of None.

The project is located within a heavily developed commercial and industrial area. The widening of Hillsborough Avenue should have no impacts to aesthetics within the highly urbanized project corridor. A review of the Geographic Information System (GIS) data indicates that there are approximately 0.22 acres of residential areas within the 100-foot buffer and 1.05 acres within the 200-foot buffer. Most of the residential areas are shielded by the commercial and industrial land uses directly adjacent to the project corridor.

ETAT Reviews: Aesthetics Issue: None found

The following organization(s) were expected to but did not submit a review of the Aesthetics issue for this alternative: Federal Highway Administration

Coordinator Summary: Economic Issue

1 Enhanced assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) recommends a Degree of Effect of Enhanced.

The project area is highly urbanized with commercial, industrial, and residential land uses. The widening of Hillsborough Avenue has the potential to increase business along the project corridor and within the surrounding area since the roadway will be able to handle increased traffic volumes. Hillsborough Avenue has direct connection to I-275 to the west and I-4 and US Hwy 301 at the eastern terminus of the project. This provides easy access to and from the Tampa Bay region.

ETAT Reviews: Economic Issue: None found

The following organization(s) were expected to but did not submit a review of the Economic issue for this alternative: Federal Highway Administration

Coordinator Summary: Land Use Issue

0 None assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Hillsborough County Metropolitan Planning Organization (MPO) and Florida Department of Community Affairs (DCA) and recommends a Degree of Effect of None.

Hillsborough County MPO stated that the Hillsborough Avenue widening is listed in the Eastlake Community Plan for Hillsborough County and on the MPO's 2035 Cost Affordable Plan. DCA indicates that the future land uses within the project area include Light Industrial, Urban Mixed Use, and Office Commercial and Community Mixed Use, and are consistent with the proposed roadway widening. The proposed widening will complete Hillsborough Avenue as a six-lane facility from I-275 to I-4. The project is included on the Hillsborough County MPO 2035 LRTP Cost Feasible Map.

ETAT Reviews: Land Use Issue: 2 found

0 None assigned 09/23/2011 by Wally Blain, Hillsborough County MPO

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Widening of Hillsborough Avenue is listed in the Eastlake Community Plan for Hillsborough County and on the MPO's 2035 Cost Affordable Plan. The Comprehensive Plan for Hillsborough County has an adopted mixed use development pattern along Hillsborough Avenue.

Comments on Effects to Resources: Alternatives for the widening of Hillsborough Avenue should consider connections with the community and cross access issues.

Coordinator Feedback: None

0 None assigned 08/18/2011 by Amie Longstreet, FL Department of Community Affairs

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Hillsborough County Comprehensive Plan

Comments on Effects to Resources: Comment:

The Future Land Use Categories that are around the proposed project include: Light Industrial, Urban Mixed Use, Office Commercial and Community Mixed Use (the Future of Hillsborough County Comprehensive Plan Future Land Use Map 2025, adopted June 5, 2008). These categories are consistent with the proposed roadway widening.

Comment: The Future of Hillsborough County Comprehensive Plan Transportation Corridor Conservation map depicts the improvement for Hillsborough Avenue from 50th Street to Orient Road. Future Land Use Element Policy 12.2 states that the County shall maximize arterial capacity by acquiring and protecting adequate rights-of-way, consistent with the Corridor Plan adopted as a part of the Transportation Element and Transportation Element Policy 1.5.1 states the Corridor Plan is adopted as part of the plan; therefore, the Corridor Conservation map is the County's Future Transportation map. The project is included on the Hillsborough County MPO 2035 LRTP Cost Feasible Map.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Land Use issue for this alternative: Federal Highway Administration

Coordinator Summary: Mobility Issue

1 Enhanced assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from Hillsborough County Metropolitan Planning Organization (MPO) and recommends a Degree of Effect of Enhanced.

The widening of Hillsborough Avenue within the project limits will complete the six-lane facility from I-275 to I-4. The Hillsborough County MPO stated that due to the heavy directional/peak commute pattern of this corridor, connection to I-4, and current planned transit service, solutions which address additional capacity through the special use lanes should be considered. Between 2005 and 2009, there have been 2 pedestrian fatalities within the project corridor.

The FDOT will coordinate with Hillsborough County MPO and consider other planned improvements along the corridor. Pedestrian and bicycle facilities will be evaluated as part of the PD&E study. The planned improvements should relieve congestion within the area and enhance mobility.

ETAT Reviews: Mobility Issue: 1 found

1 Enhanced assigned 09/23/2011 by Wally Blain, Hillsborough County MPO

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Pedestrian Crashes

Commute Pattern

Transit Service

Comments on Effects to Resources: Between 2005 and 2009 there have been 2 pedestrian fatalities. Widening of this corridor should include sidewalks on both sides of the road with adequate and safe crossing opportunities. Bicycle lanes should also be included in this project with appropriate signage and pavement markings.

Due to the heavy directional/peak commute pattern of this corridor, the connection with I-4, and current and planned transit service, solutions which address additional capacity through the special use lanes should be considered. This could include HOV/BRT lanes, Tolled-lane concepts at intersections, or reversible lanes.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Mobility issue for this alternative: Federal Highway Administration

Coordinator Summary: Relocation Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) recommends a Degree of Effect of None.

No business or residential relocations are expected with the widening of Hillsborough Avenue from 4 to 6 lanes. Stormwater management facilities will be evaluated during the PD&E study and further evaluated during design. A review of the Geographic Information System (GIS) data indicates that the land use is 31.15% commercial and 1.05% residential within the 200-foot buffer.

ETAT Reviews: Relocation Issue: None found

The following organization(s) were expected to but did not submit a review of the Relocation issue for this alternative: Federal Highway Administration

Coordinator Summary: Social Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the US Environmental Protection Agency (USEPA) and Florida Department of Community Affairs (DCA) and recommends a Degree of Effect of Minimal.

There are no parks, recreational facilities, healthcare facilities, schools, or community centers located within the project corridor. There are a few religious facilities that have been identified along the project corridor. The widening of Hillsborough Avenue will occur within the existing right-of-way so no impacts to these facilities are anticipated with the proposed improvements. Pond sites will be located to avoid and/or minimize impacts to social sites. USEPA recommends that public involvement be ongoing throughout the PD&E process.

ETAT Reviews: Social Issue: 2 found

2 Minimal assigned 09/23/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: Resources: Residential communities and properties, commercial businesses and properties, social service facilities, religious facilities or centers, schools, healthcare facilities, public parks and recreation areas, etc.

Level of Importance: These resources are of a high level of importance. A minimal degree of effect is being assigned to this issue at this time. EPA does, however, recommend that public involvement be ongoing throughout the PD&E process.

Comments on Effects to Resources: The purpose of this project is to widen Hillsborough Avenue from a 4-lane to 6-lane facility in order to accommodate increases in traffic due to growth along the project corridor and the surrounding areas. The project description states that no public meetings were held as part of the corridor study.

Also, it is unclear from the project description whether the roadway widening will occur within the existing right-of-way. The degree of direct impact to social features and/or structures is dependent upon the amount of additional right-of-way needed for the project. FDOT should also consider the impact to any social features along the existing roadway. Widening of the roadway or construction of a new roadway could require the acquisition of right-of-way from adjacent land owners, increase traffic volumes and congestion, increase noise, impact businesses during construction, impact traffic flow during construction, etc. Efforts should be made to avoid or minimize social impacts and negative community impacts to the greatest extent practicable. EPA recommends that public involvement be ongoing throughout the PD&E process.

Coordinator Feedback: None

0 None assigned 08/18/2011 by Amie Longstreet, FL Department of Community Affairs

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: Hillsborough County Comprehensive Plan

Comments on Effects to Resources: Comment:

The Future Hillsborough County Comprehensive Plan Historic Resources and Parks and Recreation Maps do not show any of these resources near the projects limits, therefore the project is consistent with the Future of Hillsborough County's Comprehensive Plan.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Social issue for this alternative: Federal Highway Administration

ETAT Reviews and Coordinator Summary: Secondary and Cumulative Issues

Coordinator Summary: Secondary and Cumulative Effects Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Southwest Florida Water Management District (SWFWMD) and recommends a Degree of Effect of Minimal.

The project is located in a highly urbanized area and minimal to no impacts to natural habitat or wildlife is anticipated by the proposed widening. Compliance with existing permit requirements, the successful use of erosion and sediment control best management practices (BMPs), and appropriate permitting with regulatory agencies will help assure that minimum water quality standards are met. Limiting or offsetting encroachment on ditches, channels and floodplains in the area can reduce water quantity concerns. Secondary impacts to habitat functions of wetlands associated with adjacent upland activities will not be considered adverse if buffers, with a minimum undisturbed width of 15' and an average undisturbed width of 25' are provided abutting those wetlands that will remain under the permitted design, unless additional measures are needed for protection of wetlands used by listed species for nesting, denning, or critically important feeding habitat.

The FDOT will get appropriate permits from the SWFWMD and USACE during the design phase of this project. The FDOT will use proper erosion and

sediment control BMPs during construction. The project will be designed in compliance with SWFWMD criteria for water quality and quantity.

ETAT Reviews: Secondary and Cumulative Effects Issue: 1 found

2 *Minimal* assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: Permit Required

Dispute Information:N/A

At-Risk Resource: Wildlife and Habitat

Comments on Effects: The project's potential impacts on wildlife and habitat include the elimination and/or disturbance of foraging areas for foraging bird species.

Recommended Avoidance, Minimization, and Mitigation Measures: Wildlife impacts can be reduced by relocating the surface water ditches and placing sod along the slopes to encourage foraging birds.

Recommended Actions to Improve At-Risk Resources: None.

At-Risk Resource: Water Quality and Quantity

Comments on Effects: This is a capacity improvement project. In the absence of stormwater treatment & attenuation for the facilities impervious areas, the project has the potential to contribute to water quality & quantity impacts to down-gradient receiving systems.

Recommended Avoidance, Minimization, and Mitigation Measures: Compliance with existing permit requirements, the successful use of erosion and sediment control BMPs, and compliance with applicable TMDL and MFL requirements will help assure that minimum water quality standards are met. Water quantity concerns will also be addressed during the ERP process. In general, limiting or otherwise offsetting encroachment on the ditches, channels, and floodplains in the area can reduce quantity concerns. For groundwater resources, ensure that spillages of petroleum products and other chemicals do not occur during construction, and that stormwater treatment ponds do not intrude into the limerock or penetrate confining material of the aquifer system, either directly or by sinkhole formation. Low impact development strategies may help with water quality treatment as well as water quantity management.

Recommended Actions to Improve At-Risk Resources: For surface water resources, reduce pollutant loads to the drainage features in the project area by treating stormwater runoff from currently untreated areas, by controlling erosion from the project site, by limiting activities in surface water, by protecting surface water from the introduction of oils, greases and fuel spillage from equipment, and by considering restoration strategies at construction sites. Low impact development strategies may help to limit secondary and cumulative impacts.

At-Risk Resource: Wetlands

Comments on Effects: Secondary impacts resulting from the proposed expansion of Hillsborough Avenue will primarily be to water quality provided by the vegetated surface water ditches parallel to the existing roadway.

Recommended Avoidance, Minimization, and Mitigation Measures: Secondary impacts to habitat functions of wetlands associated with adjacent upland activities will not be considered adverse if buffers, with a minimum undisturbed width of 15' and an average undisturbed width of 25' are provided abutting those wetlands that will remain under the permitted design, unless additional measures are needed for protection of wetlands used by listed species for nesting, denning, or critically important feeding habitat. Additional details on the construction plans, during the permitting process, should show the designated buffer areas on the construction plans or provide reasonable assurance that secondary impacts to the water resources will not occur as required by the Basis of Review Subsection 3.2.7., available at:

<http://www/permits/rules/>

http://www/files/database/site_file_sets/17/erp_basis_of_review.pdf

Recommended Actions to Improve At-Risk Resources: None.

Coordinator Feedback: None

Eliminated Alternatives

No eliminated alternatives present.

Project Scope

General Project Commitments

No General Project Commitments Found

Required Permits

Permit Name	Type	Review Date
Construction Generic Permit	Stormwater	07/05/11
Environmental Resource Permit	Water	07/05/11
FDEP NPDES General Permit	Other	07/05/11
Environmental Resource Permit	State	07/05/11

Required Technical Studies

Technical Study Name	Type	Review Date
Final Preliminary Engineering Report (signed and sealed)	ENGINEERING	07/12/11
Noise Study Report	ENVIRONMENTAL	07/12/11
Conditions: Memorandum		
Contamination Screening Evaluation Report	ENVIRONMENTAL	07/12/11
Conditions: Memorandum		
Public Hearing Transcript	ENVIRONMENTAL	07/12/11
Cultural Resource Assessment	ENVIRONMENTAL	07/12/11
Traffic Analysis	ENGINEERING	07/12/11
State Environmental Impact Report (SEIR)	ENVIRONMENTAL	07/12/11
Project Development Summary Report (PDSR)	ENGINEERING	07/12/11
Wetlands Technical Memorandum	ENVIRONMENTAL	07/12/11
Endangered Species Biological Assessment Technical Memorandum	ENVIRONMENTAL	07/12/11

Class of Action

Class of Action Determination

Class of Action: State Environmental Impact Report with **Lead Agency** FL Department of Transportation

Other Actions: None

Class of Action Signatures

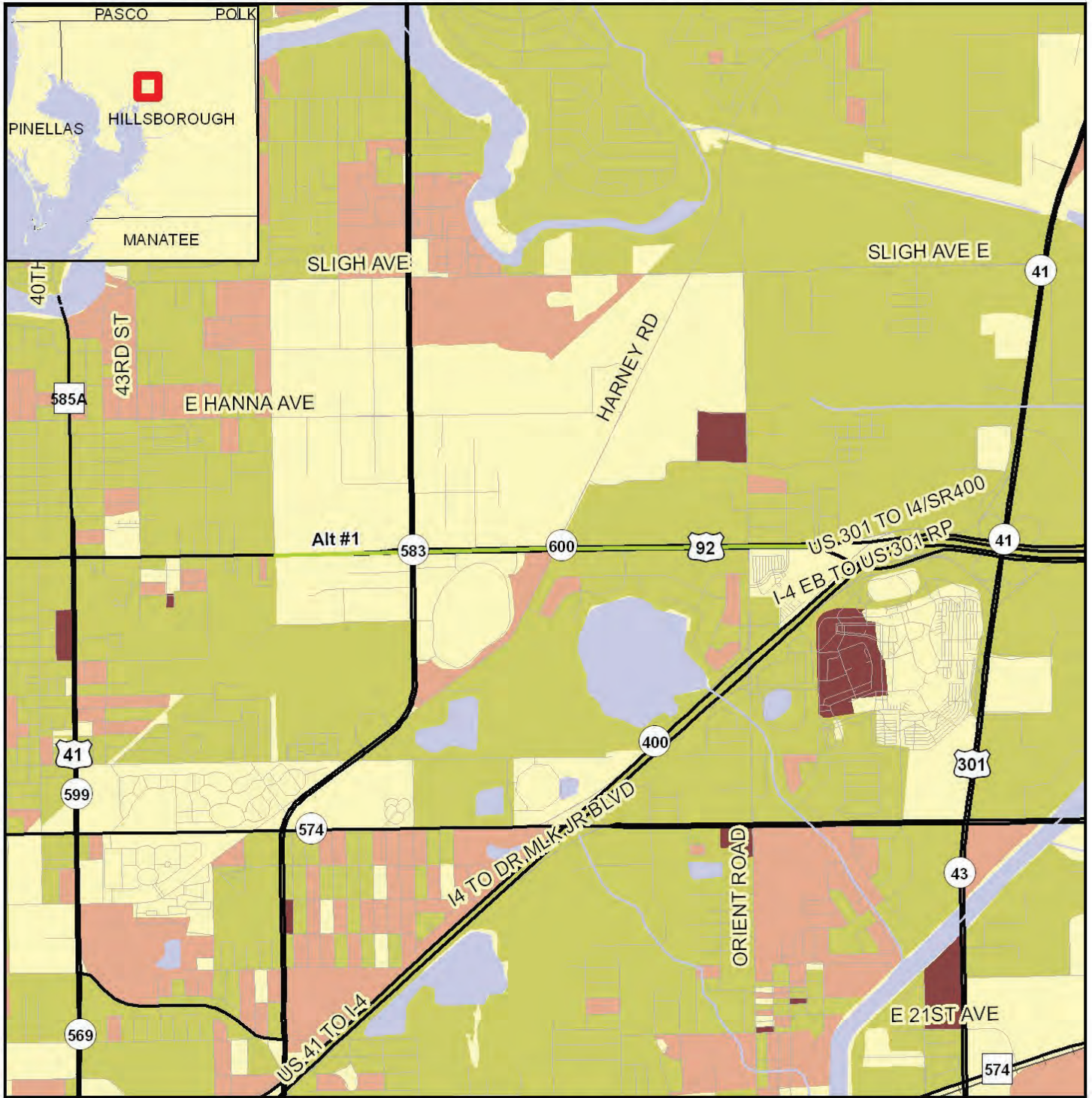
ACCEPTED by Steve C. Love, FDOT ETDM Coordinator for FDOT District 7 on 11/16/2011

Dispute Resolution Activity Log

No Dispute Actions Found.

Project-Level Hardcopy Maps

13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps

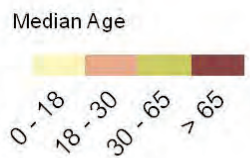


Population Age Distribution Map

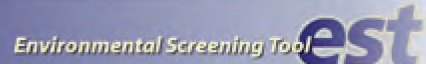


Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2000)

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ▨ ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- Railroad
- River, Stream or Canal
- Water Body



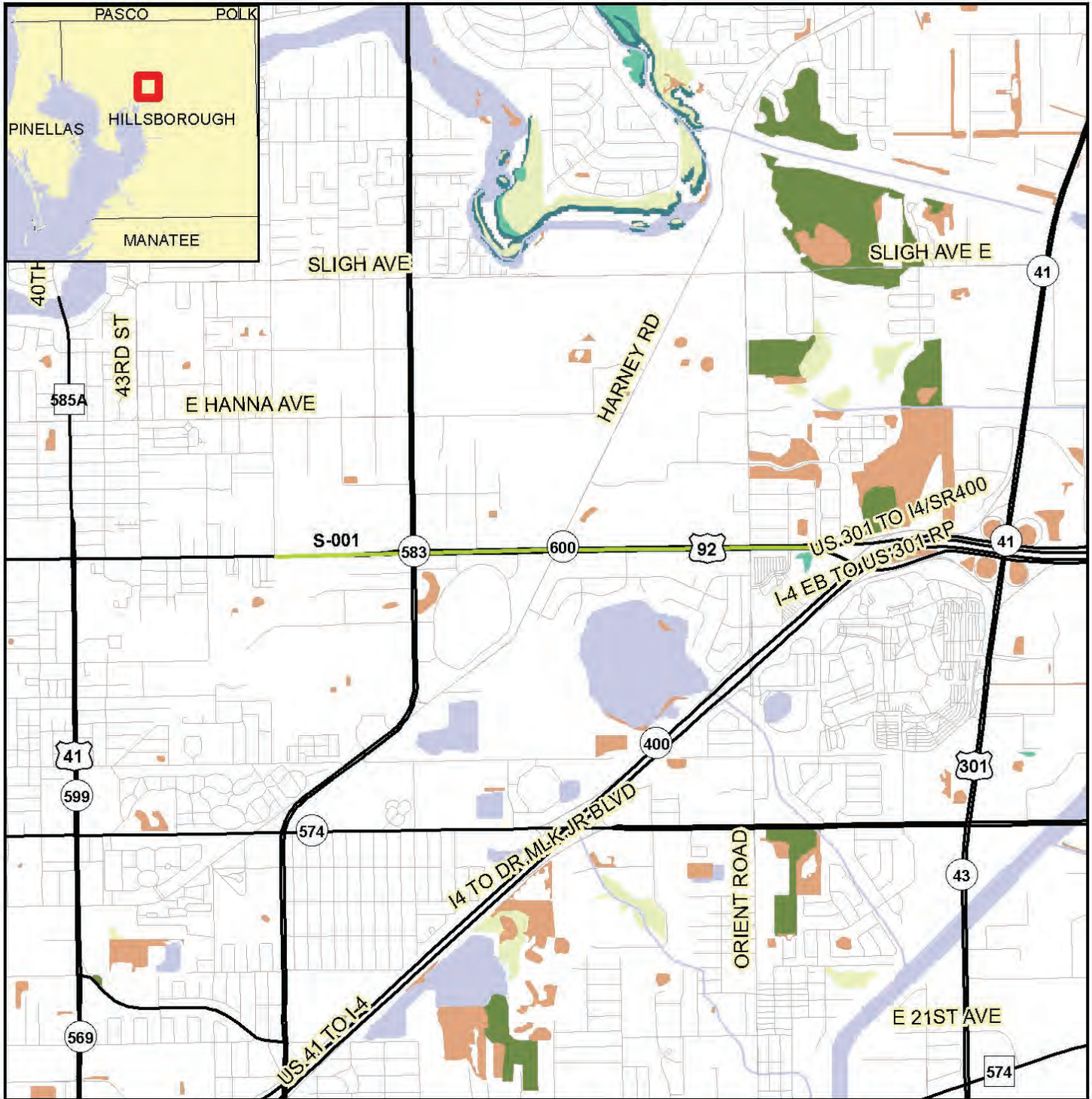
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Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Coastal and Marine Resource Map

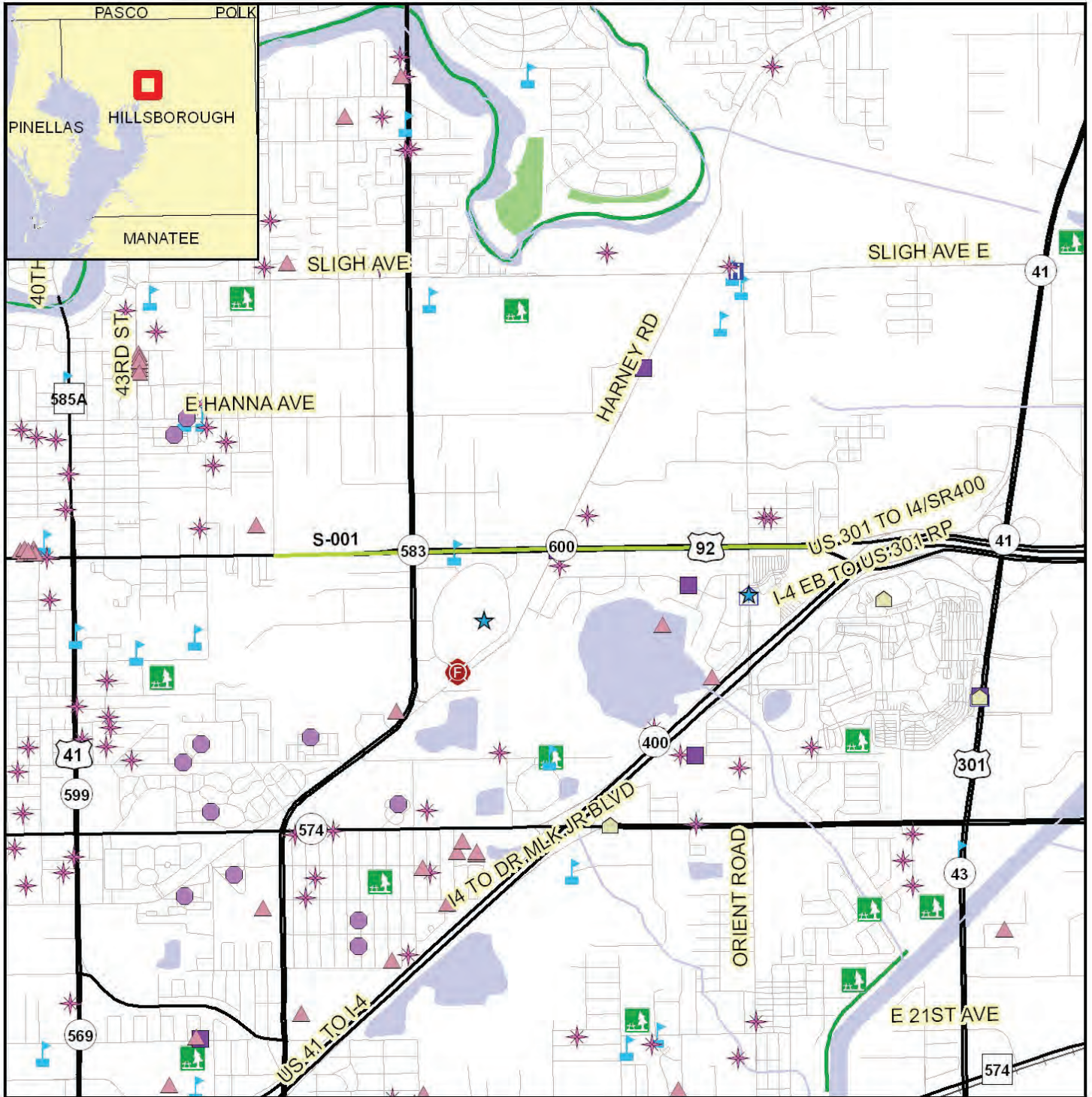
- | | | | |
|---------------------------|------------------------|-------------------------------|--------------------------------------|
| ETDM Alternative Point | Major Road | Continuous Seagrass | Gravel Beach/Riprap |
| ETDM Alternative Terminus | Local Road or Trail | Discontinuous Seagrass | Exposed Tidal Flat |
| ETDM Alternative Segment | River, Stream or Canal | Coastal Barrier Resource Area | Sheltered Tidal Flat |
| ETDM Alternative Polygon | Water Body | Swamp or Marsh | Mixed Sand And Gravel Beach |
| Aquatic Preserve | Exposed Rocky Platform | Exposed Rocky Platform | Sheltered Rock/Seawall/Vegetated |
| Navigable Water Way | Sand Beach | Sand Beach | Exposed Vertical Rocky Shore/Seawall |

Data Sources: NAVTEQ; US Geological Survey; Florida Marine Research Institute; Florida Department of Transportation; Florida Department of Environmental Protection; National Oceanic and Atmospheric Association; Florida Water Management Districts

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



0.008 Miles



- | | | | |
|---------------------------|------------------|------------------|---------------------------------|
| ETDM Alternative Point | Government | Cultural Center | River, Stream or Canal |
| ETDM Alternative Terminus | Civic Center | Fire Station | Recreational Trail |
| ETDM Alternative Segment | Cemetery | Health Care | Railroad |
| ETDM Alternative Polygon | Social Service | School | Community Boundary |
| Major Road | Community Center | Park | Water Body |
| Local Road or Trail | Law Enforcement | Place of Worship | Conservation or Recreation Area |

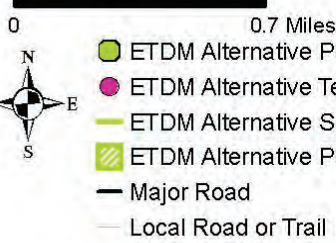
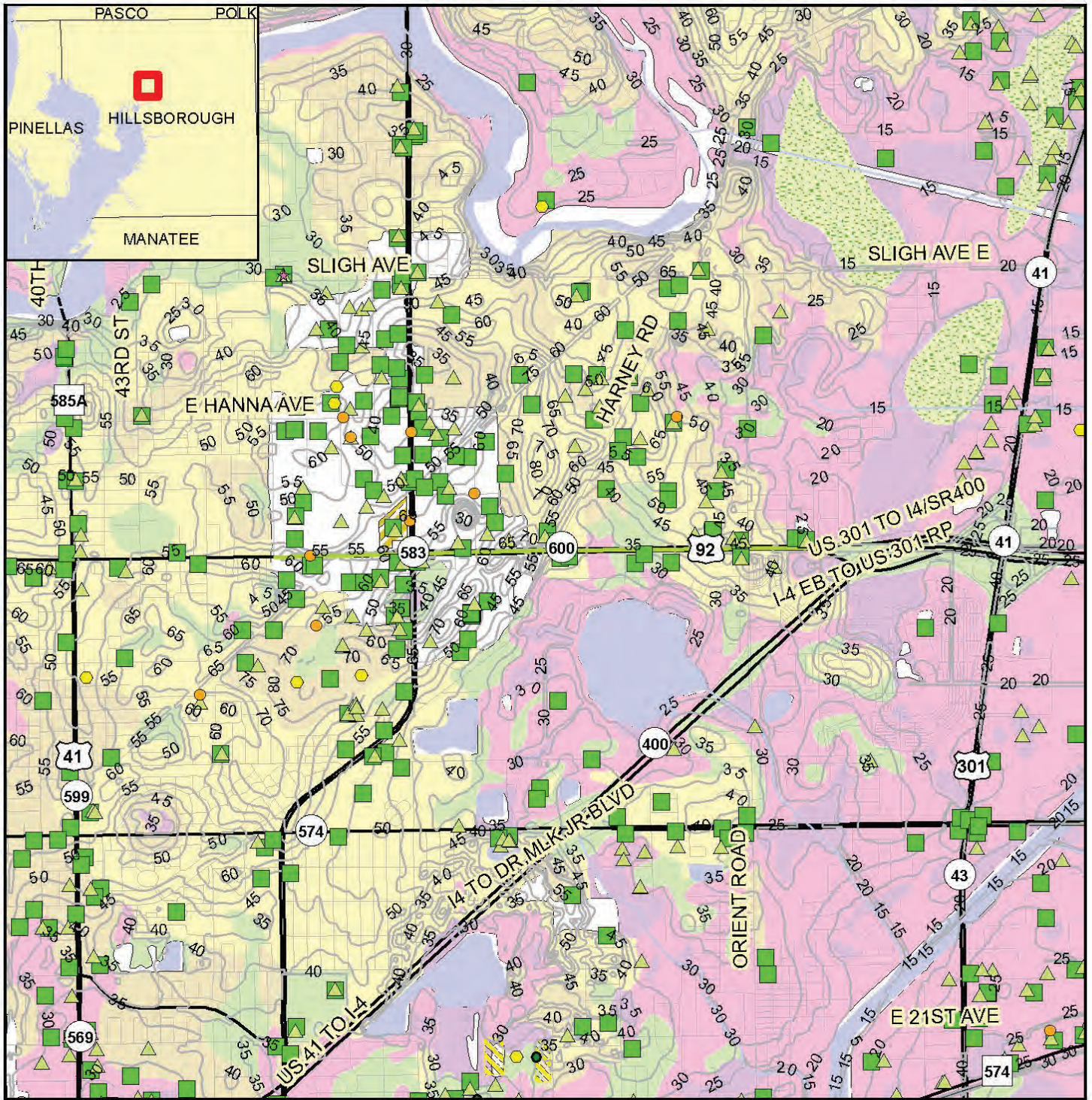
Data Sources: US Geological Survey; FL Department of Transportation; NAVTEQ; FL Property Appraisers; FL Natural Areas Inventory



Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



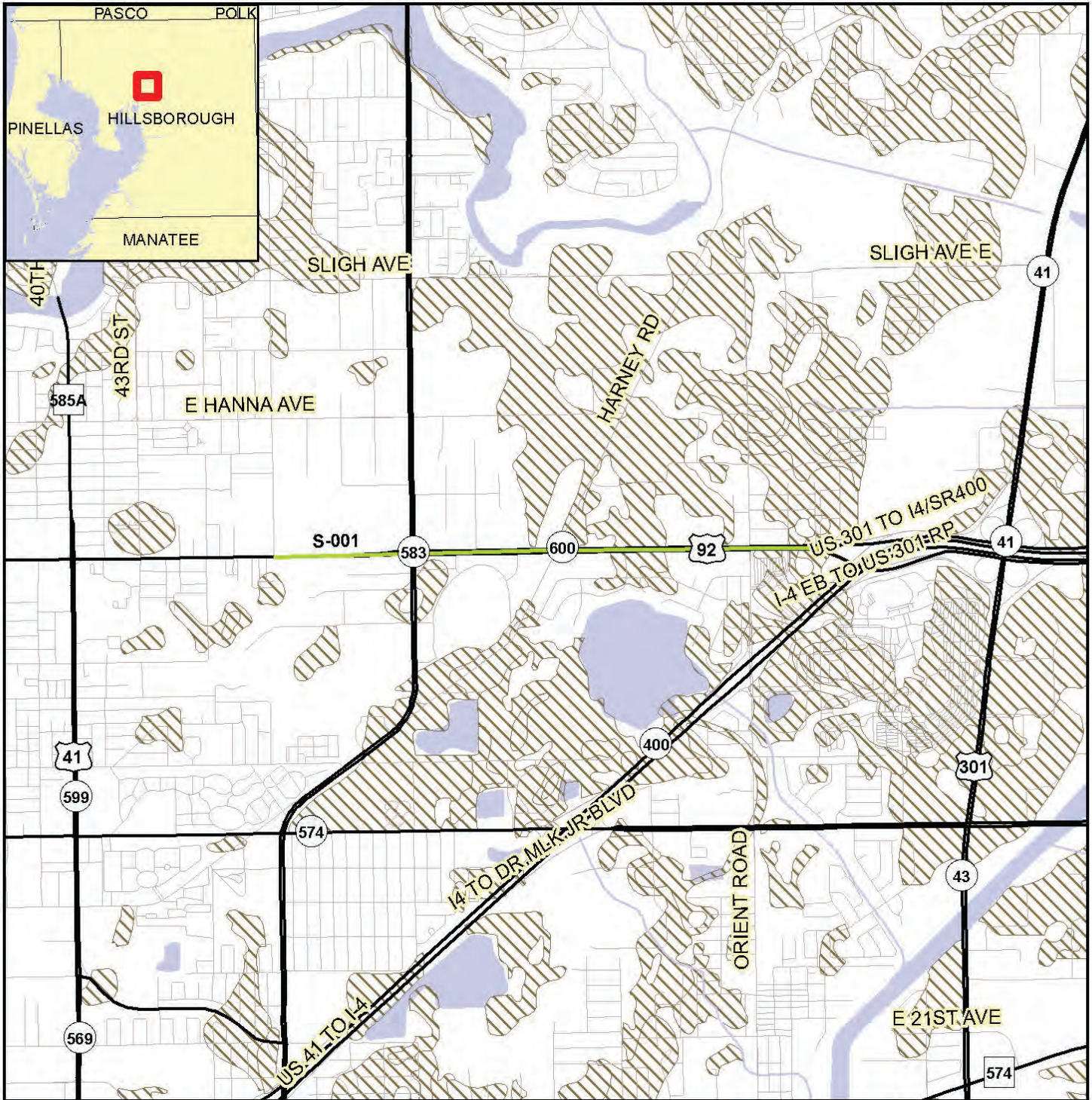
Potential Contamination Assessment Map

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- Railroad
- River, Stream or Canal
- Toxic Release Inventory
- Dry Cleaning Facility
- Solid Waste Facility
- Power Plant
- Superfund Site
- Nuclear Site
- NPL Remediation Site
- Hazardous Material Site
- Brownfield Area
- FDEP Tanks
- 5 FT Contour
- Water Body
- Swamp/Marsh

Data Sources:
 NAVTEQ; US Geological Survey; FL Department of Transportation; FL Department of Environmental Protection;
 FL Water Management Districts; US Environmental Protection Agency; Natural Resource Conservation Service

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Farmlands Resource Map



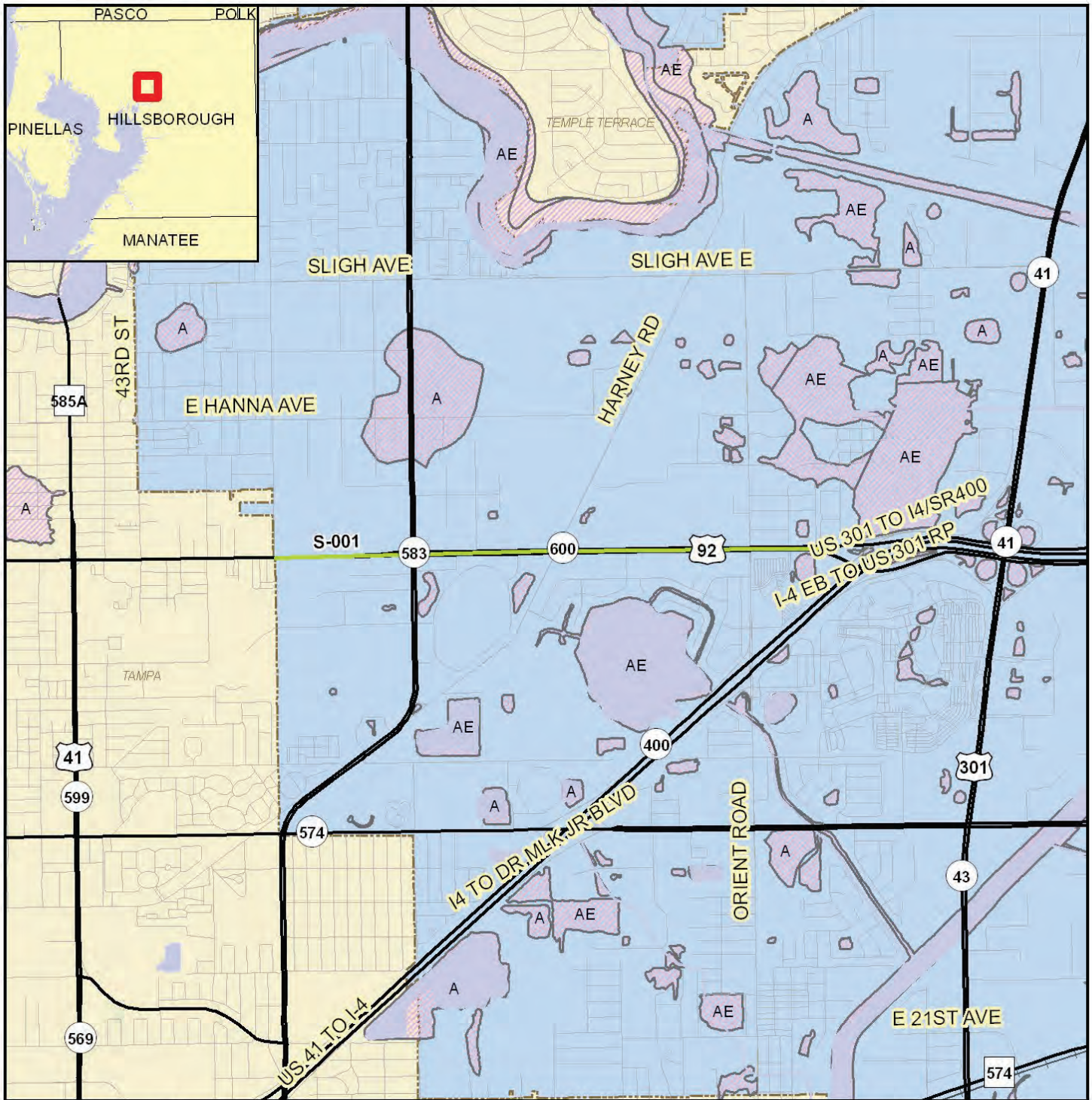
- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ▨ ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- River, Stream or Canal
- Water Body
- ▨ Prime Farmland Soils
- Cropland/Pastureland
- Nurseries/Vineyards
- Specialty Farms
- Tree Crops
- Rural Open Lands

Data Sources: NAVTEQ, Florida Water Management Districts, US Geological Survey, Natural Resources Conservation Services

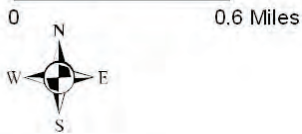
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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Floodplain Resource Map



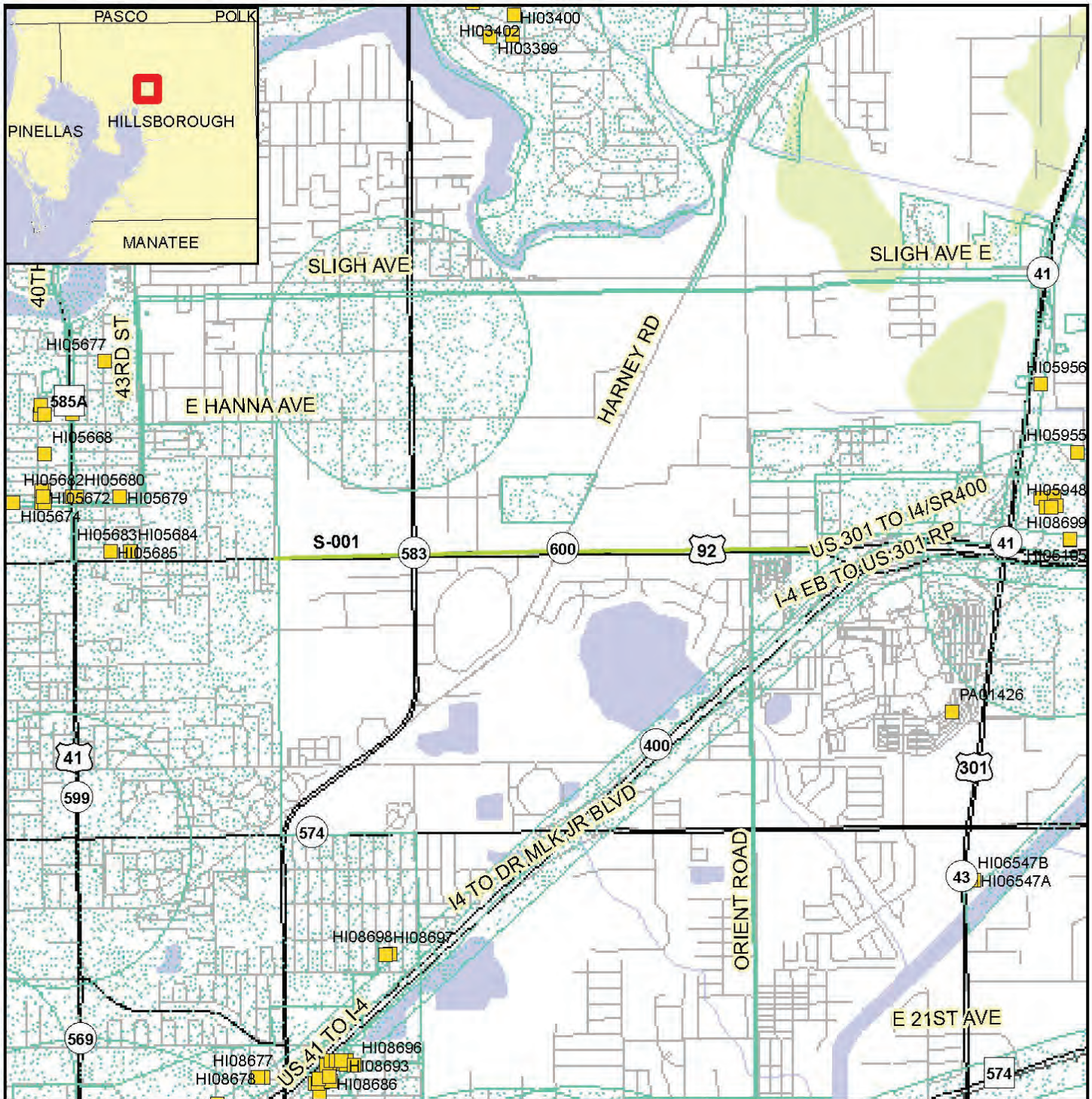
- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ▨ ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- Railroad
- River, Stream or Canal
- Water Body
- ▭ City Limits
- ▭ County Boundaries
- ▭ Special Flood Hazard Area

Data Sources:
 NAVTEQ
 US Geological Survey
 Federal Emergency Management Agency

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Historic Resources Map

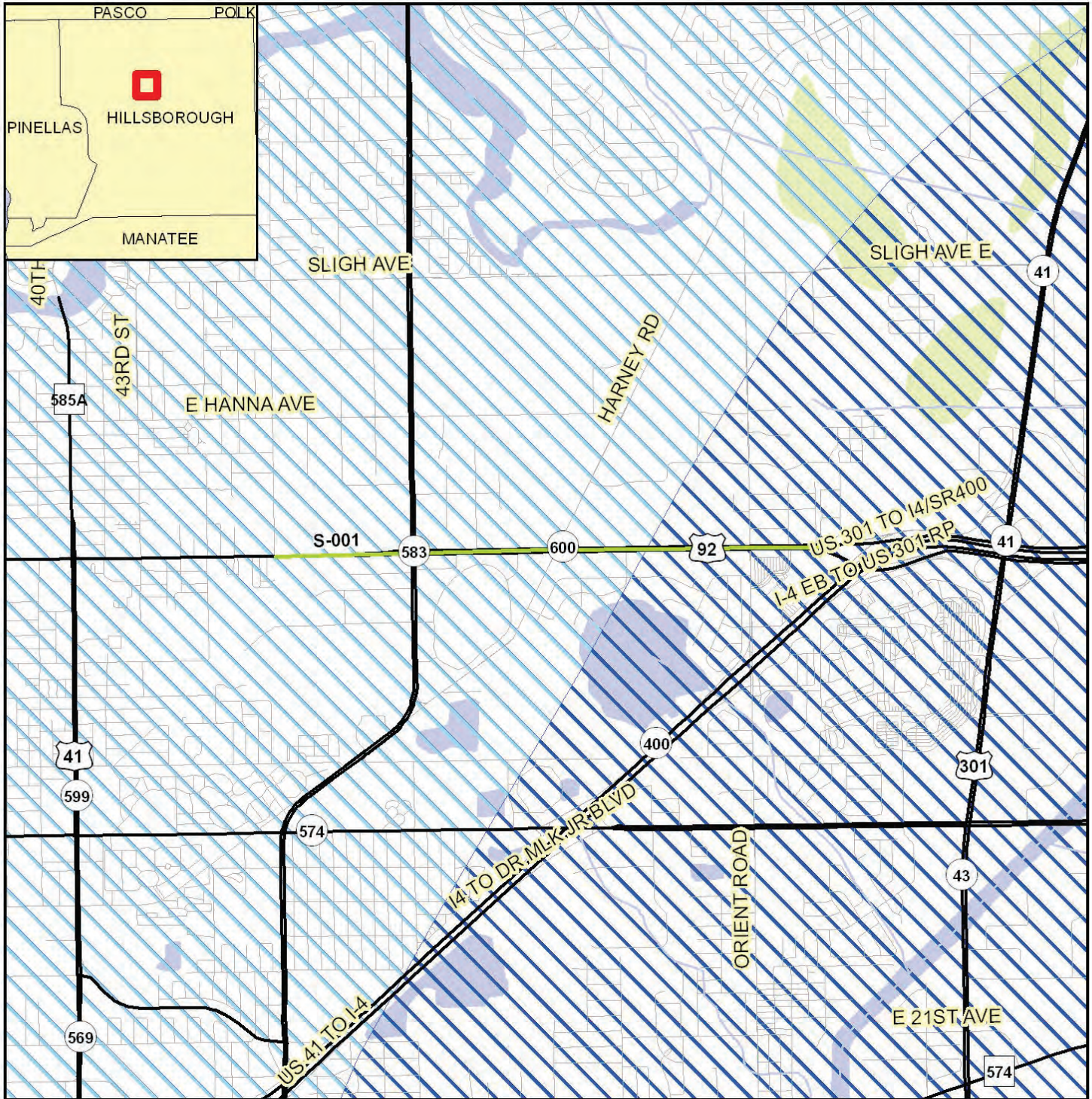


Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Department of State,
 Bureau of Archaeological Research

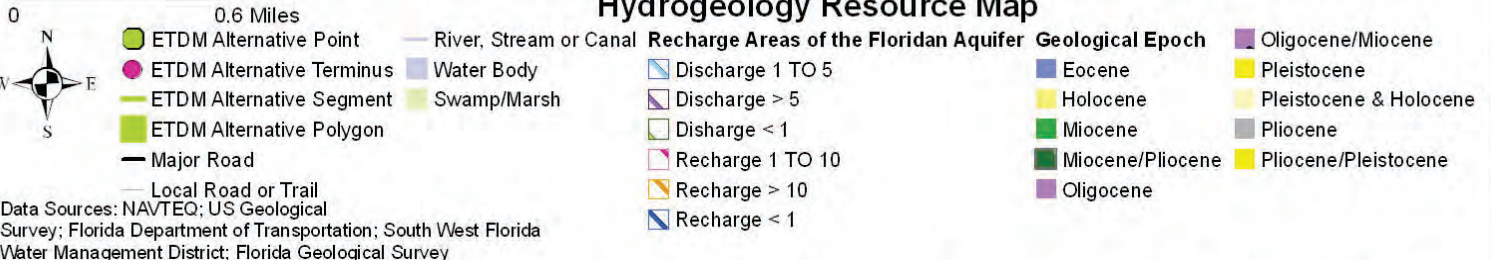
- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- River, Stream or Canal
- Water Body
- Swamp/Marsh
- Railroad
- Historic Bridge
- Historic Resource Group
- Cultural Resource Field Survey Area
- State Historic Highway
- Historic Structure
- Historic Cemetery

Note: Historic properties depicted on this map represent resources listed in the Florida Master Site File excluding archeological site locations, which, pursuant to Chapter 267.135, Florida Statutes, may be exempt from public record (Chapter 119.07, Florida Statutes). Absence of features on the map does not necessarily indicate an absence of resources in the project vicinity.

13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



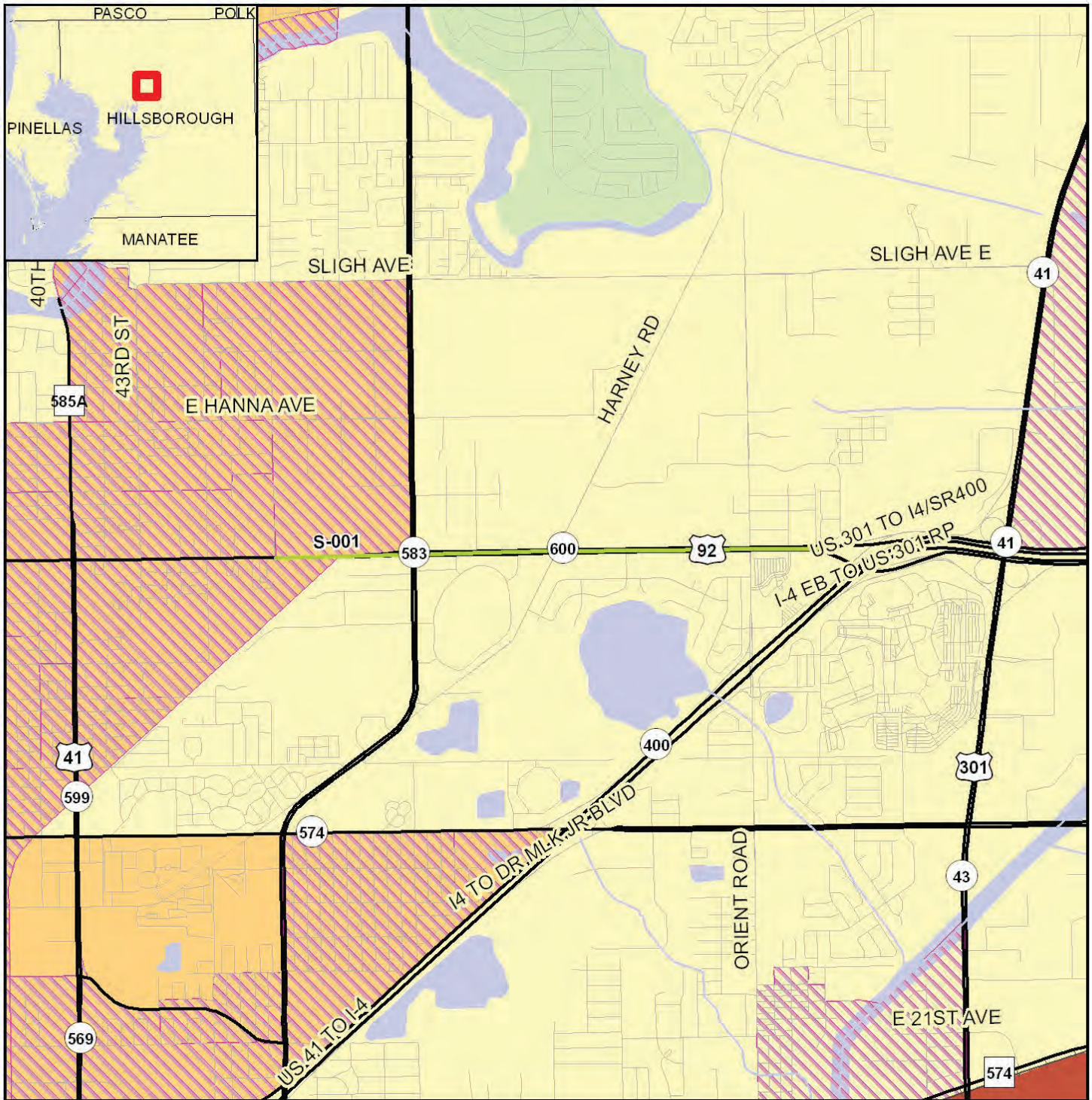
Hydrogeology Resource Map



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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



0 0.8 Miles



Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2000)

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- Railroad
- River, Stream or Canal
- > 20% Below Poverty
- Water Body



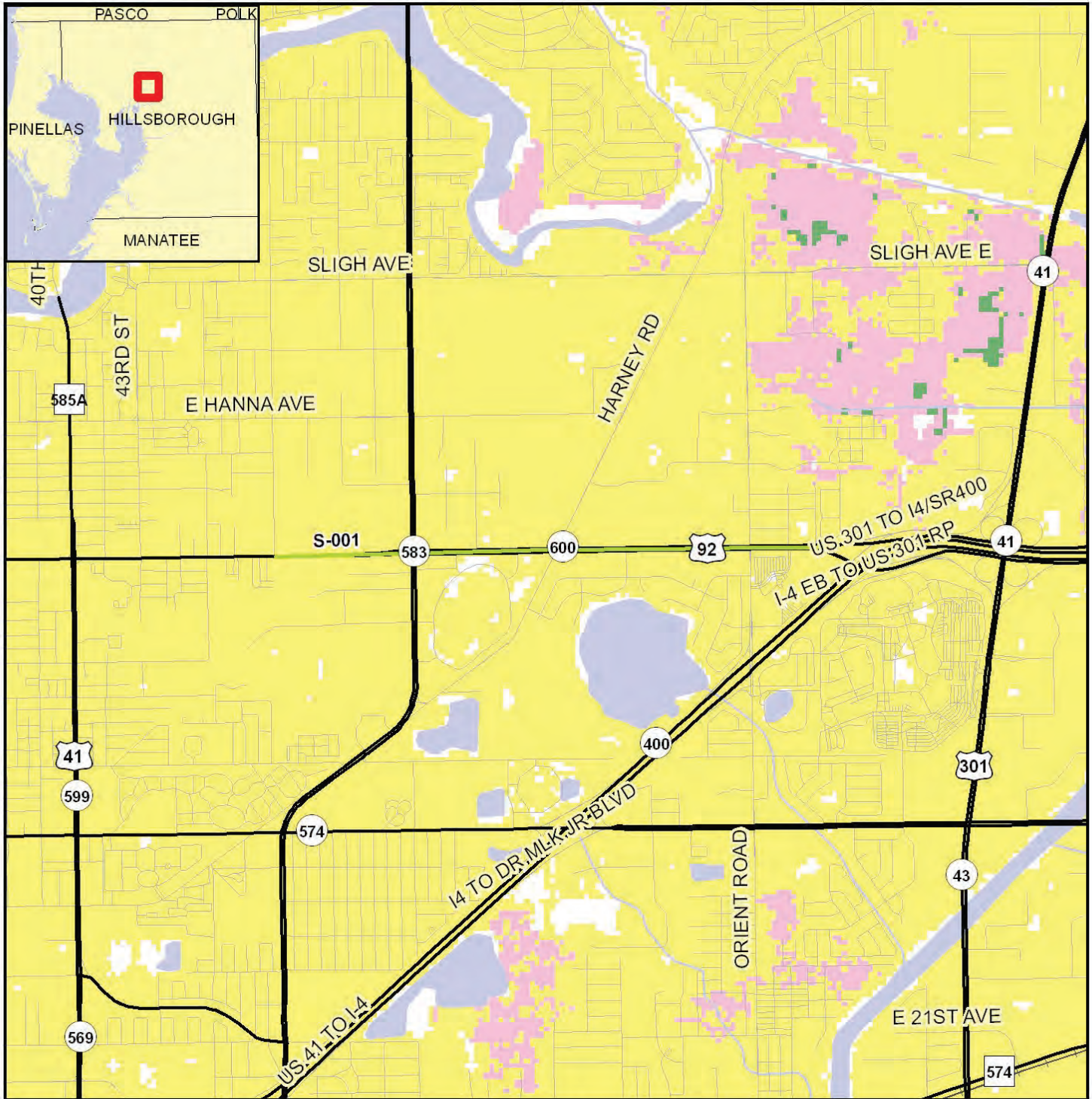
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Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Integrated Wildlife Habitat Ranking System Map

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ▨ ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- Railroad
- River, Stream or Canal
- Water Body
- Low Habitat Quality
- Medium Habitat Quality
- High Habitat Quality

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Fish & Wildlife Conservation Commission

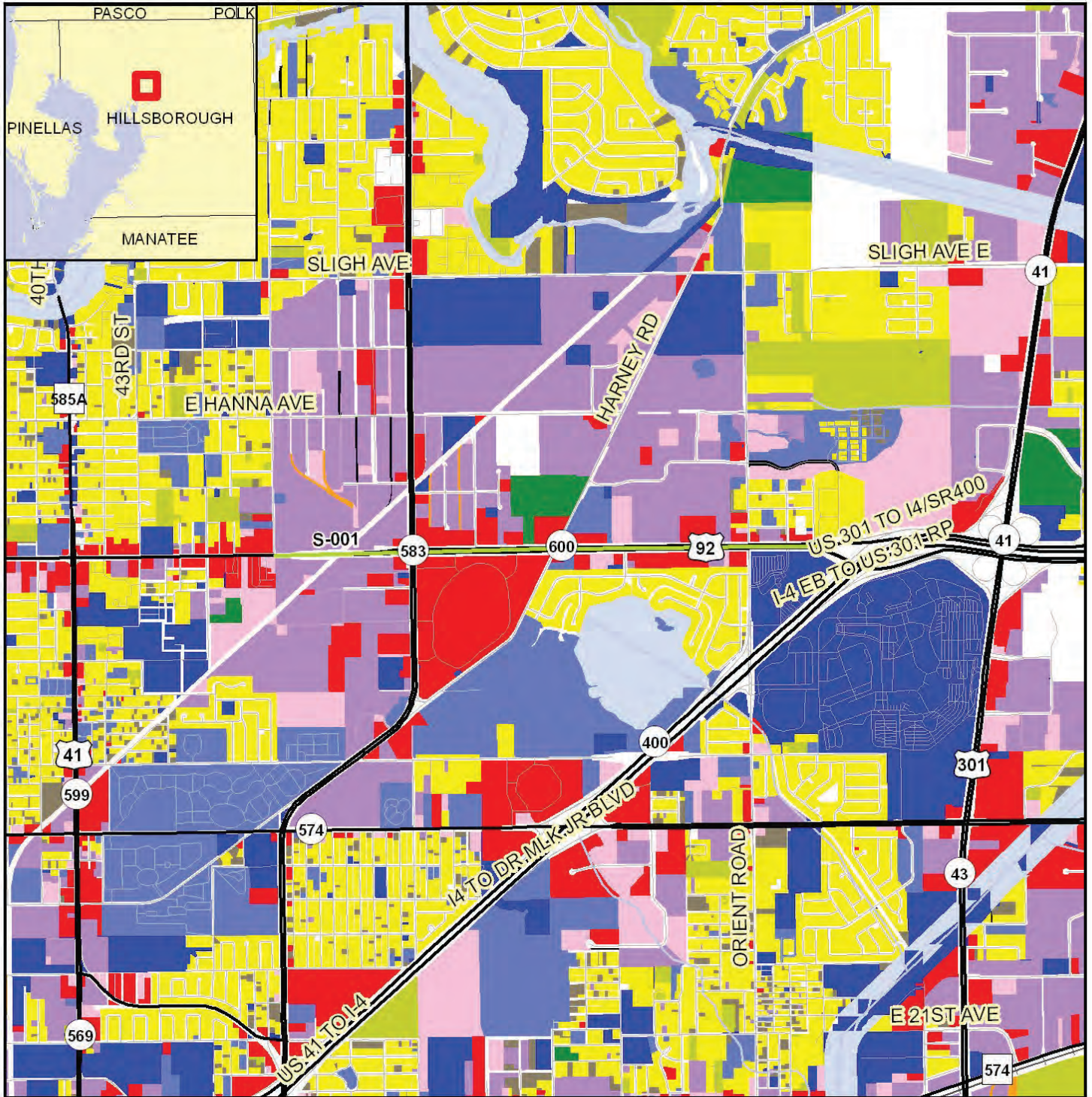
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Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



0 0.25 Miles



Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Revenue
 Florida Department of Transportation
 Florida County Property Appraiser Offices

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Land Use Map

- | | | | |
|---------------------------|------------------------|-------------------------|-------------------------|
| ETDM Alternative Point | Railroad | Open (Not Agricultural) | Retail/Office |
| ETDM Alternative Terminus | River, Stream or Canal | Other | Vacant (Residential) |
| ETDM Alternative Segment | Agricultural | Public | Vacant (Nonresidential) |
| ETDM Alternative Polygon | Industrial | Right-of-Way | Water |
| Major Road | Institutional | Recreational | No Data |
| Local Road or Trail | Mining | Residential | |

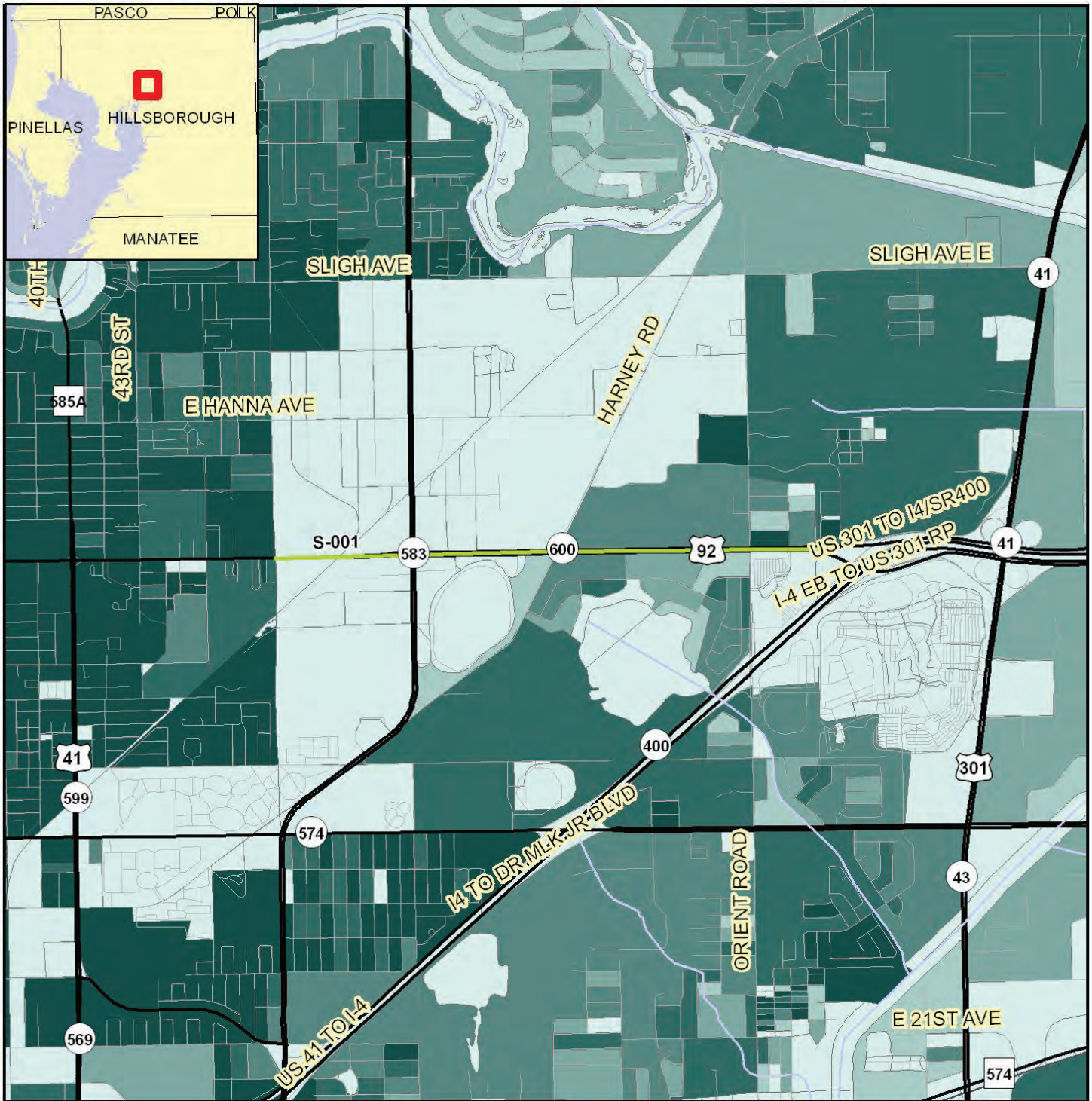


Environmental Screening Tool **est**

Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Minority Population Distribution Map

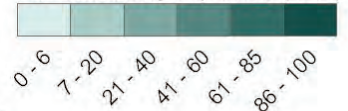
0 0.1 Miles



Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2010)

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- Railroad
- River, Stream or Canal
- Water Body

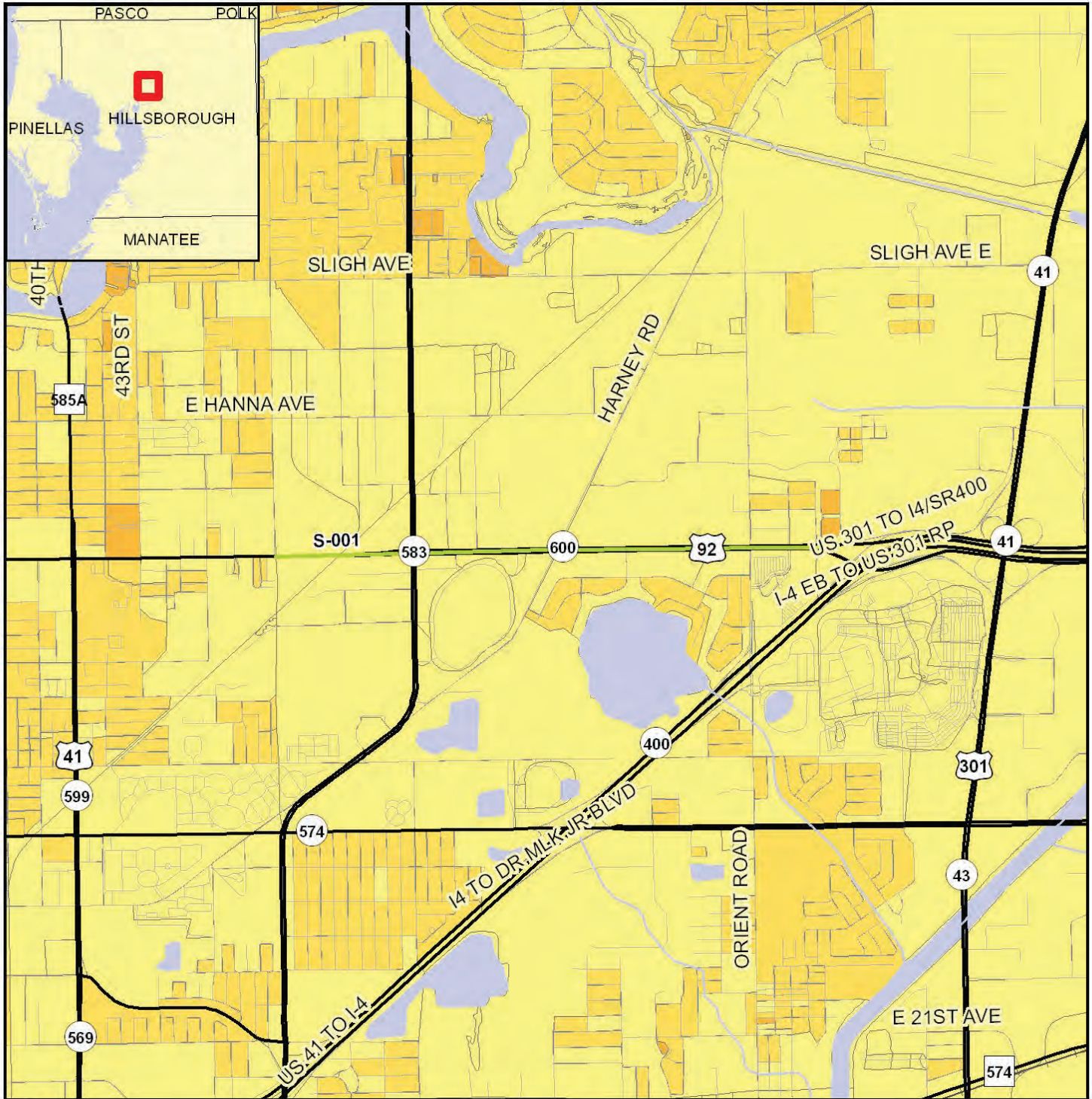
Percent Minority Population (2010)



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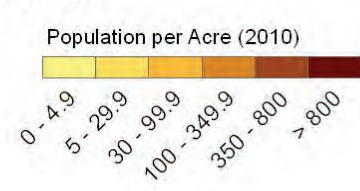


13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps

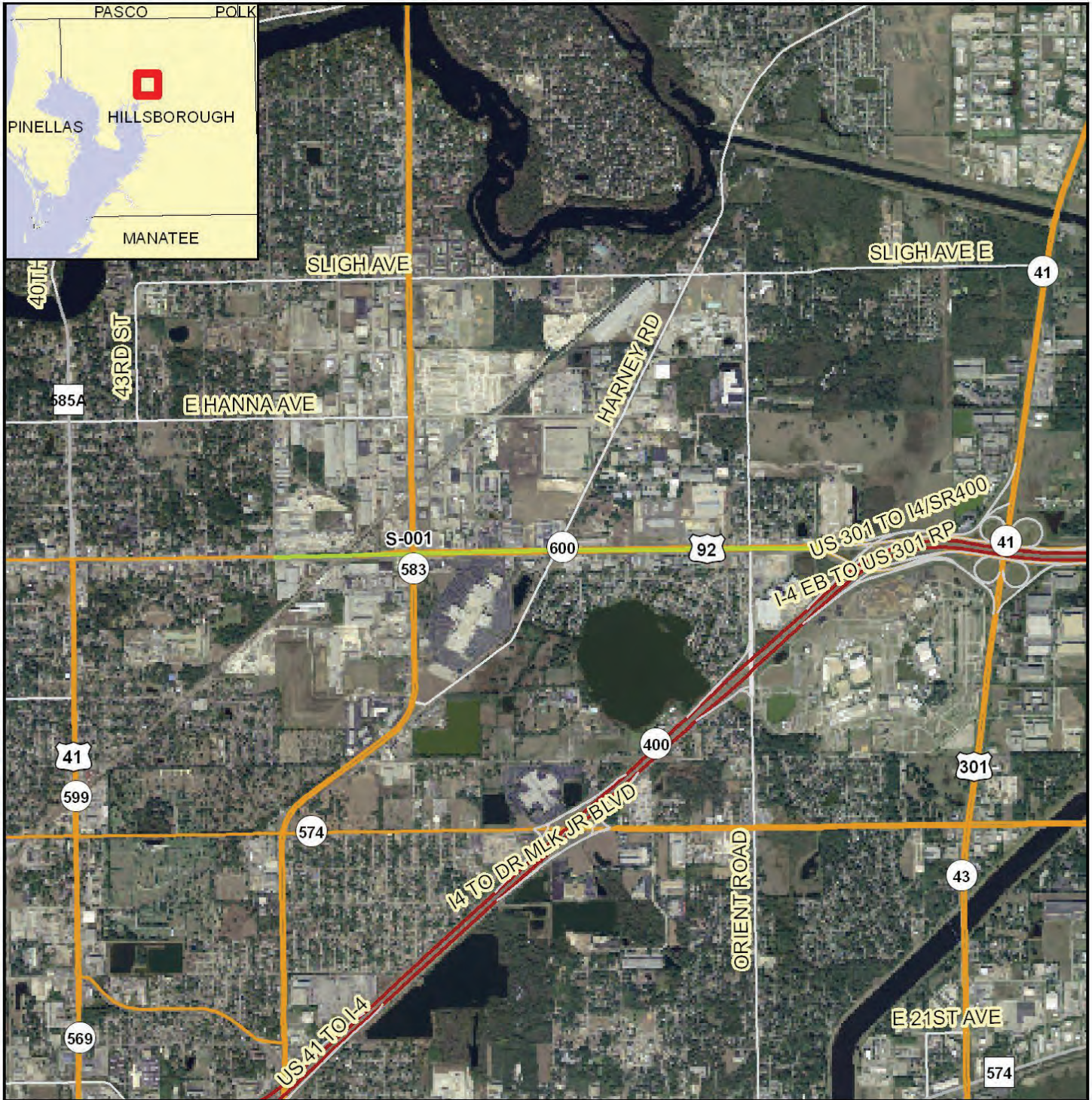


Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2010)

- Population Density Map**
- ETDM Alternative Point
 - ETDM Alternative Terminus
 - ETDM Alternative Segment
 - ▨ ETDM Alternative Polygon
 - Major Road
 - Local Road or Trail
 - Railroad
 - River, Stream or Canal
 - Water Body



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Project Aerial Map



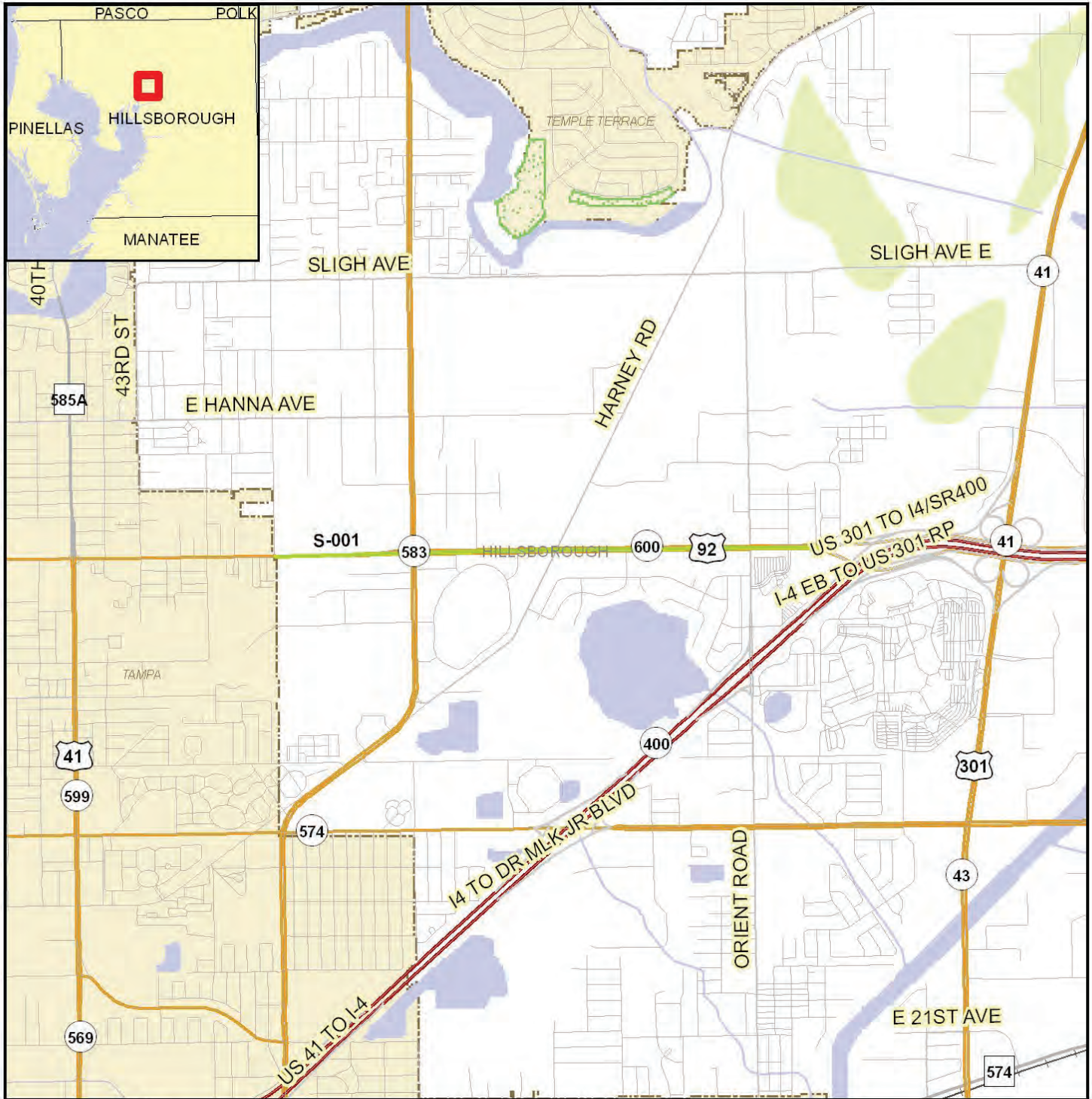
Data Sources:
Highways - NAVTEQ
Digital Orthophotograph - US Geological Survey

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ▨ ETDM Alternative Polygon
- Primary and Limited Access Highway
- Secondary, Unlimited Access Highway
- Other Highway Feature
- Local Road

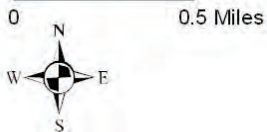
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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Project Location Map

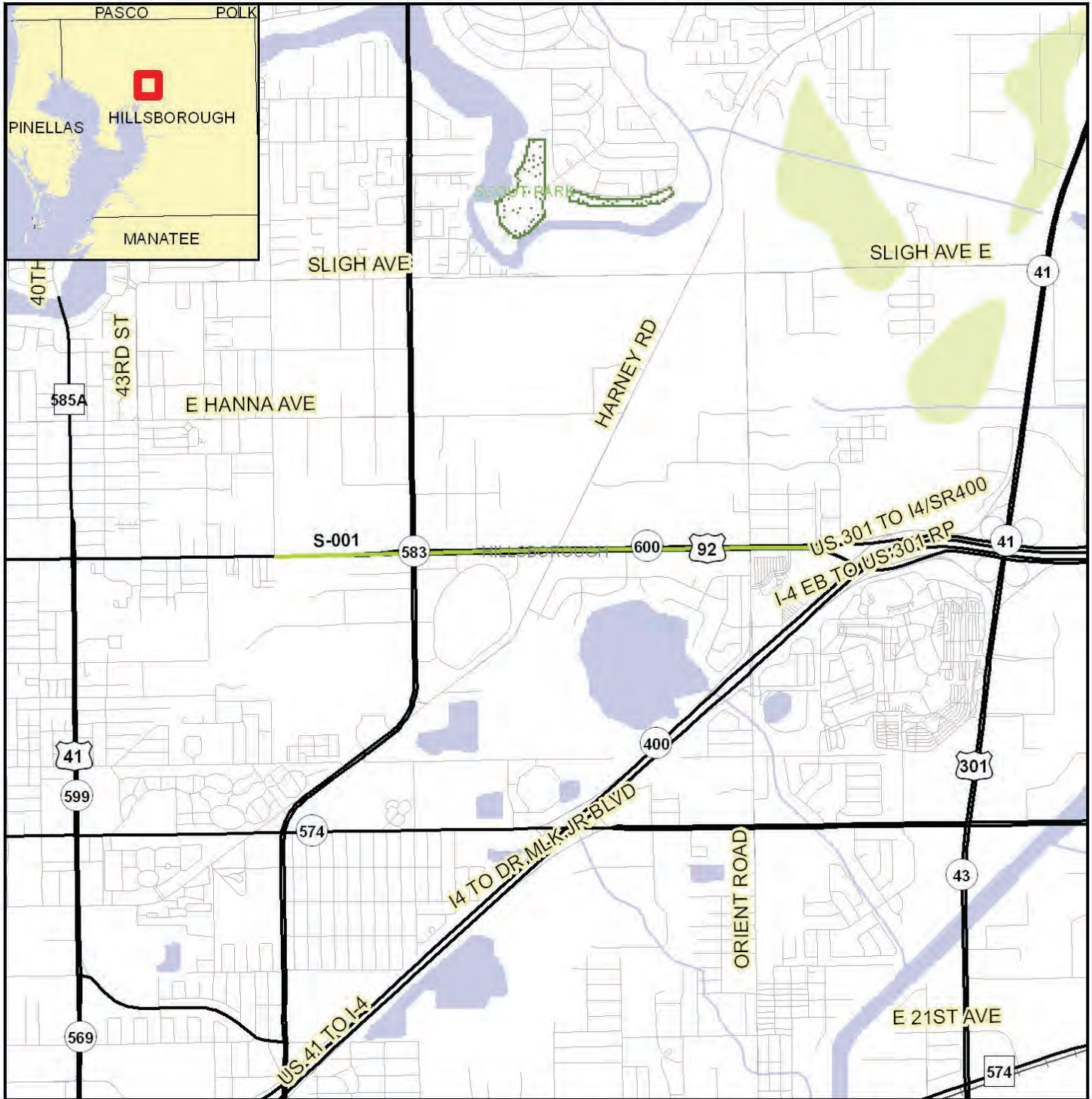


Data Sources:
 NAVTEQ
 US Geological Survey
 US Census Bureau
 County Property Appraisers
 Florida Natural Areas Inventory

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ETDM Alternative Polygon
- River, Stream or Canal
- Water Body
- Swamp/Marsh
- Managed Conservation Lands
- Toll Road
- Railroad
- Airport
- City Limits
- County Boundaries



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Conservation and Recreation Area Map

0 0.8 Miles



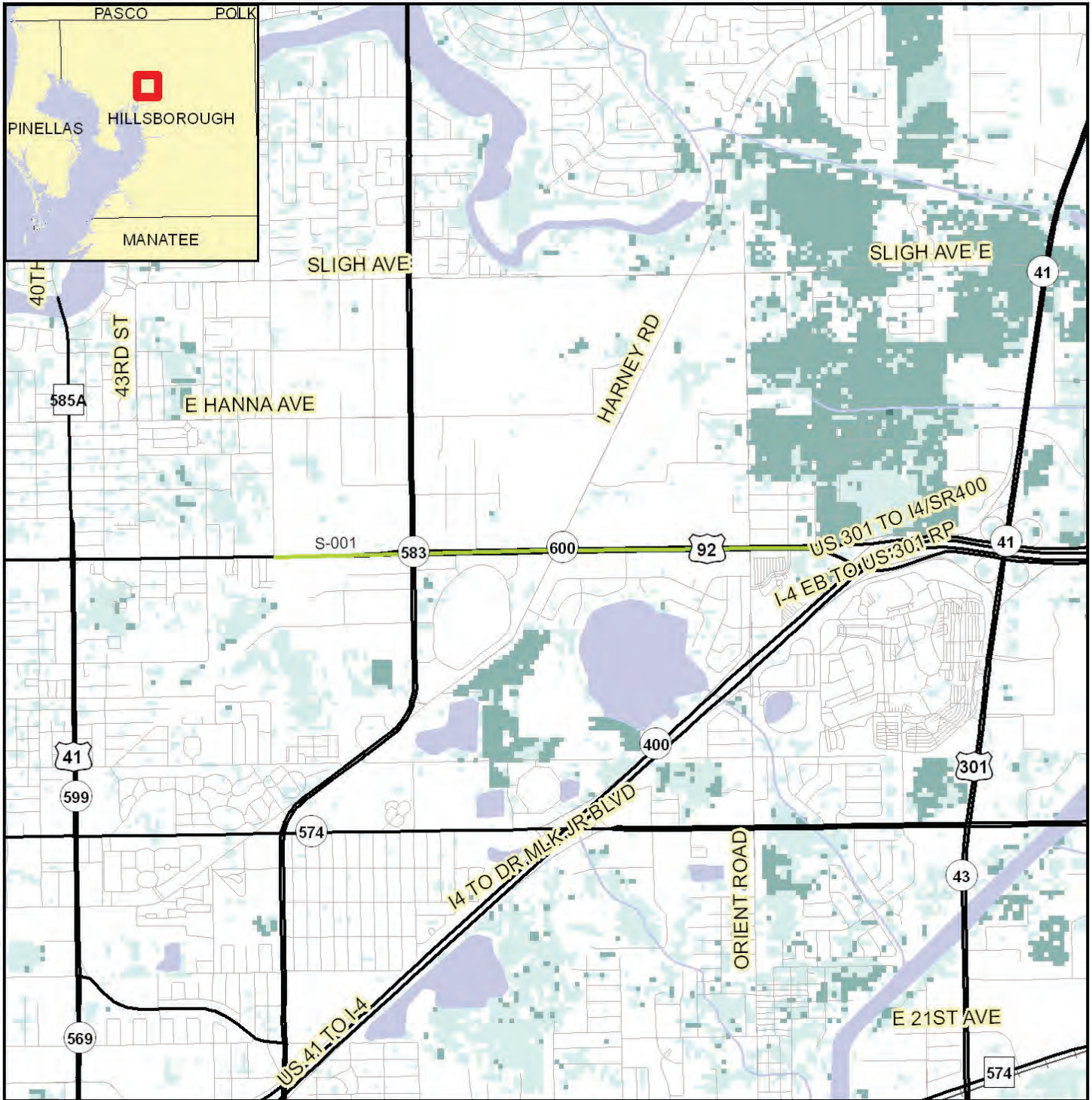
Data Sources:
NAVTEQ
US Geological Survey
Florida Natural Areas Inventory

- ETDM Alternative Point
- ETDM Alternative Segment
- ETDM Alternative Polygon
- ETDM Alternative Terminus
- Major Road
- Local Road or Trail
- River, Stream or Canal
- Water Body
- Swamp/Marsh
- Conservation or Recreation Area
- Railroad
- County Boundary

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



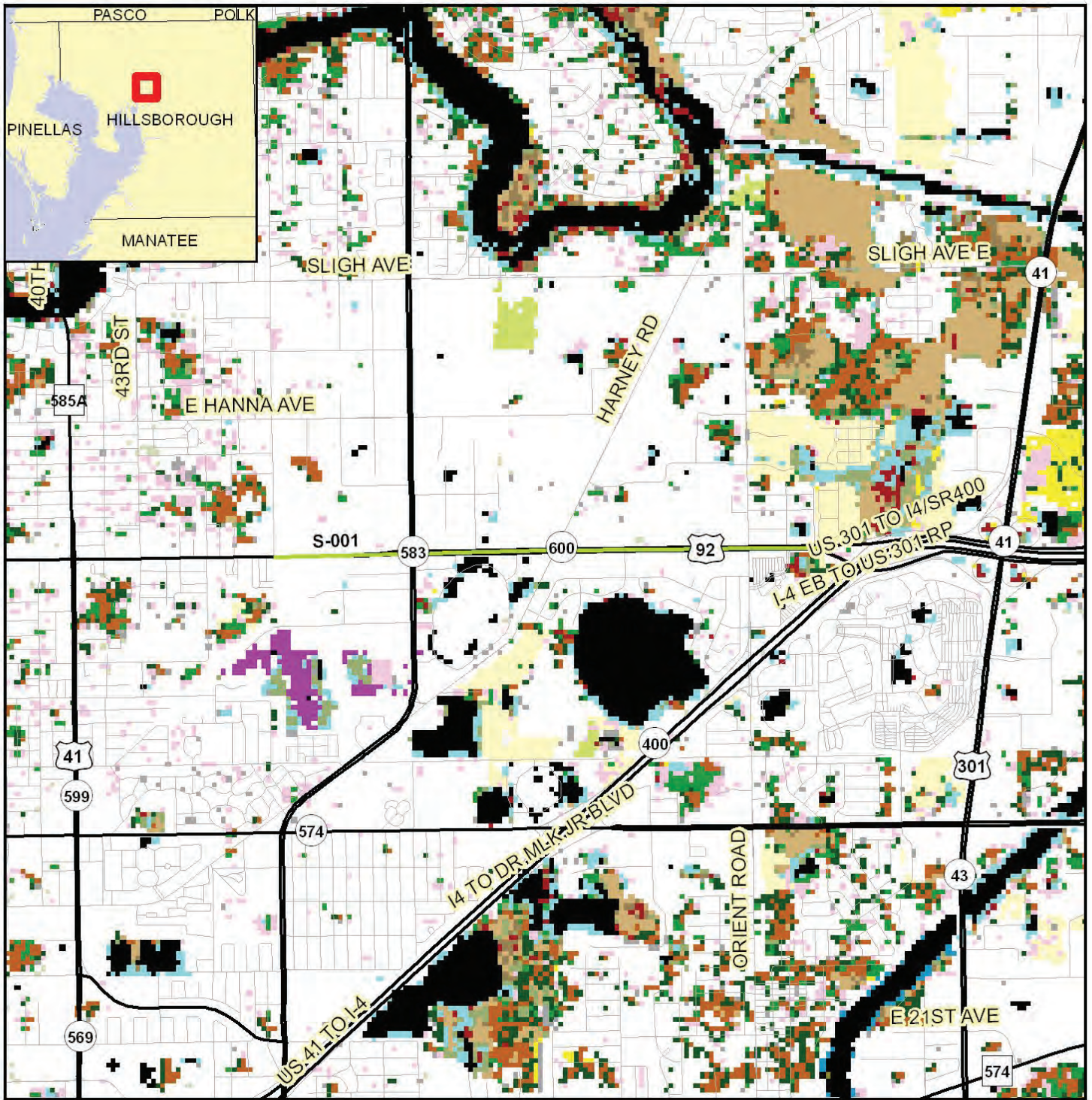
Species Potential Habitat Model Map

- | | | |
|---------------------------|------------------------|-----------------------------------|
| ETDM Alternative Point | Railroad | Potential Habitat Richness |
| ETDM Alternative Terminus | River, Stream or Canal | 1 - 2 Species |
| ETDM Alternative Segment | Water Body | 3 - 5 Species |
| ETDM Alternative Polygon | Major Road | 6 - 8 Species |
| Local Road or Trail | | 9 - 10 Species |
| | | 11 - 13 Species |

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Fish & Wildlife Conservation Commission



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



0 0.9 Miles

Vegetation and Land Cover Map

- | | | | | | | |
|---------------------------|----------------------------|----------------------------------|----------------------------|---------------------|---------------------|-------------------|
| ETDM Alternative Polygon | Not Classified | Hardwood Hammocks and Forests | Bay Swamp | Mangrove Swamp | Unimproved Pasture | Brazilian Pepper |
| ETDM Alternative Segment | Coastal Strand | Pinelands | Cypress Swamp | Scrub Mangrove | Sugarcane | High Impact Urban |
| ETDM Alternative Terminus | Sand/Beach | Cabbage Palm-live Oak Hammock | Cypress/Pine/Cabbage Palm | Tidal Flats | Citrus | Low Impact Urban |
| ETDM Alternative Point | Xeric Oak Scrub | Tropical Hardwood Hammock | Mixed Wetland Forest | Open Water | Row and Field Crops | Extractive |
| Major Road | Sand Pine Scrub | Freshwater Marsh and Wet Prairie | Hardwood Swamp | Shrub and Brushland | Other Agriculture | |
| Local Road or Trail | Sandhill | Sawgrass Marsh | Hydric Hammock | Grassland | Exotic Plants | |
| | Dry Prairie | Cattail Marsh | Bottomland Hardwood Forest | Bare Soil/Clearcut | Australian Pine | |
| | Mixed Hardwood-pine Forest | Shrub Swamp | Salt Marsh | Improved Pasture | Melaleuca | |

Data Sources: NAVTEQ; Florida Department of Transportation; Florida Fish and Wildlife Conservation Commission

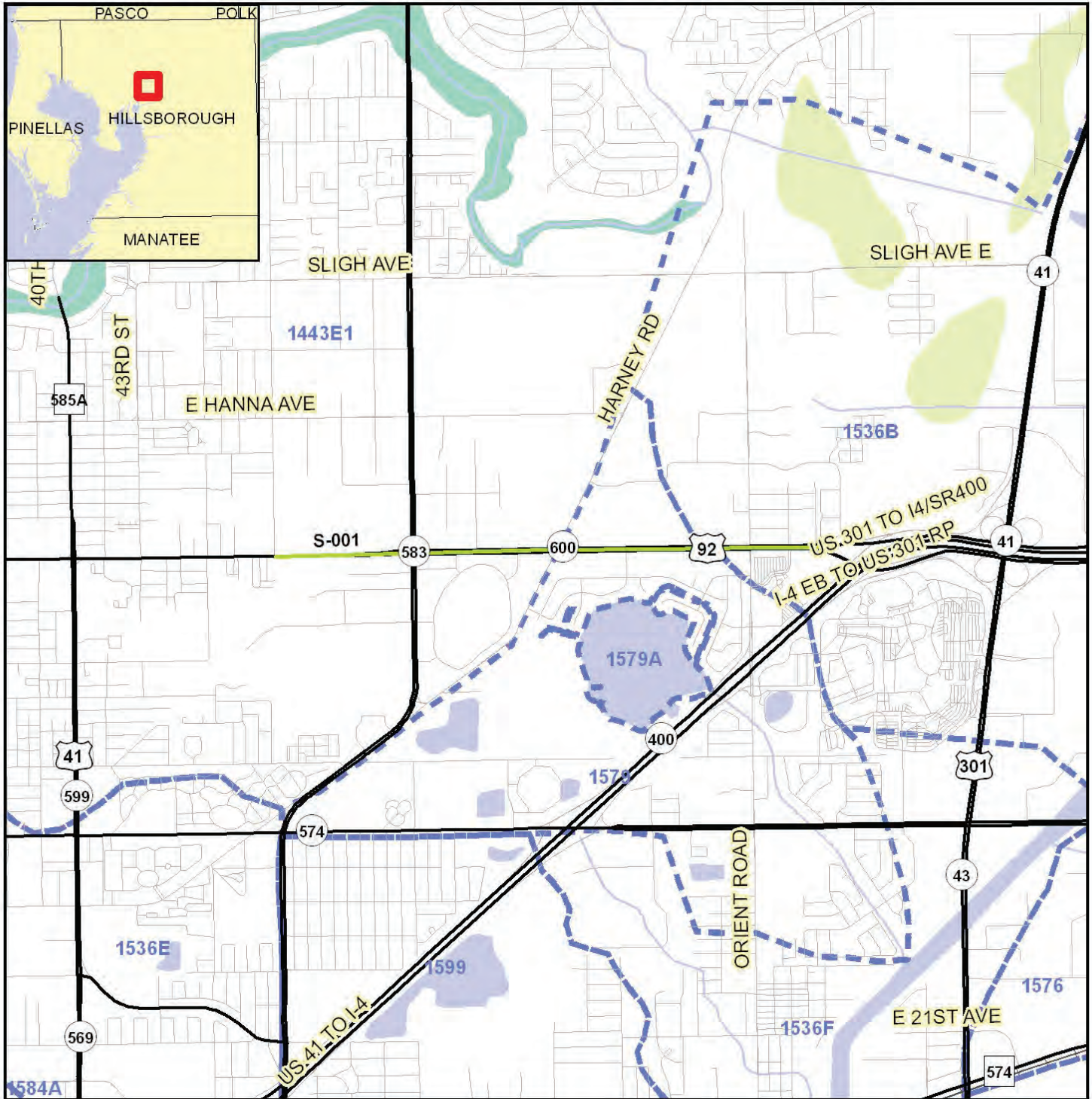
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Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



- | | |
|-----------------------------|-----------------------------|
| ● ETDM Alternative Point | — Railroad |
| ● ETDM Alternative Terminus | ▲ 1st Magnitude Spring |
| — ETDM Alternative Segment | — River, Stream or Canal |
| ▨ ETDM Alternative Polygon | — Navigable Water Way |
| — Major Road | ▨ Drainage Basin |
| — Local Road or Trail | ▨ Outstanding Florida Water |
- Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Department of Environmental Protection
 Florida Geological Survey
 US Bureau of Transportation Statistics

Water Resources Map

- Surface Water Class I
- Surface Water Class II
- Water Body
- Swamp/Marsh

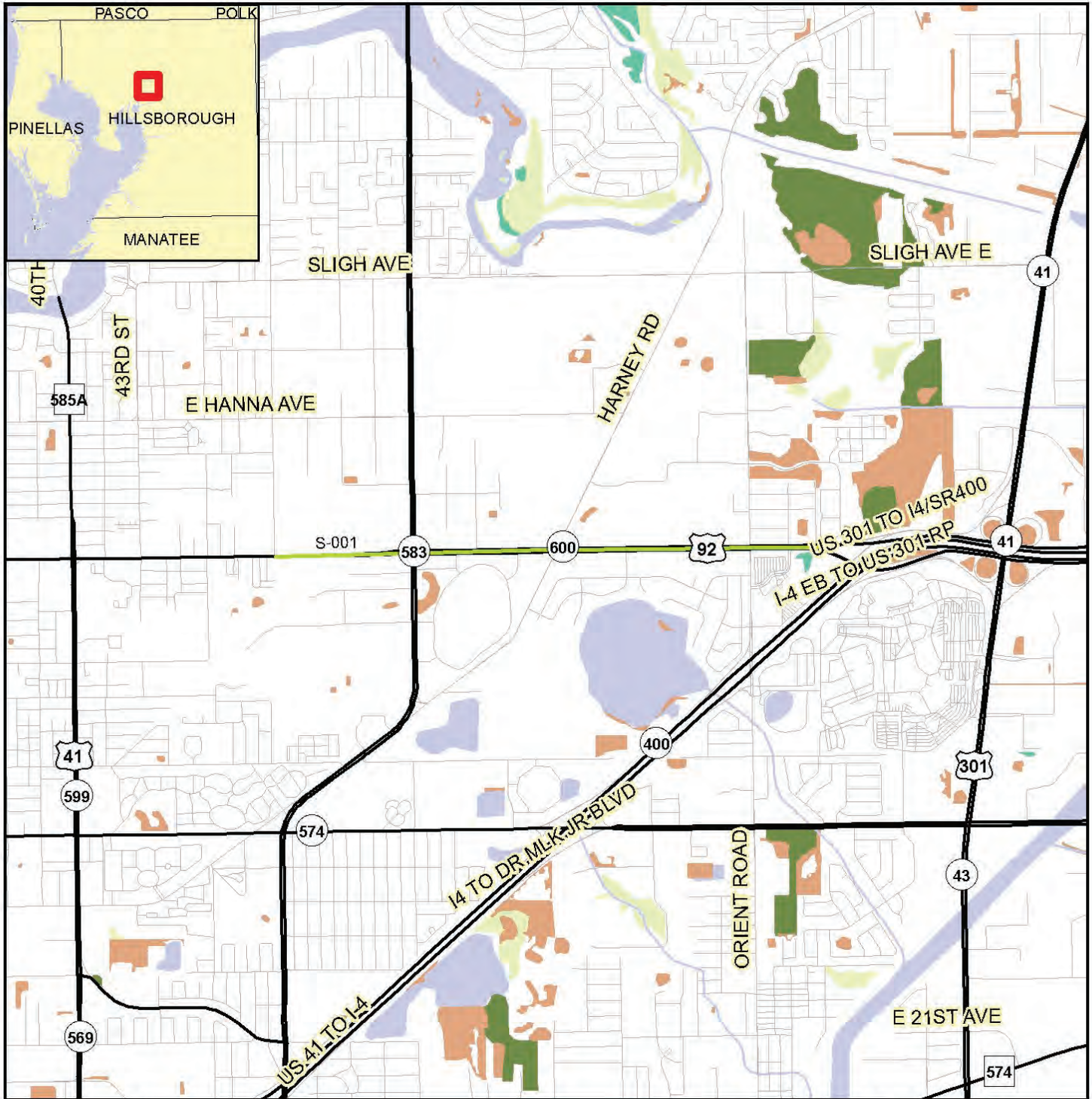
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Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Wetland Resource Map

0 0.5 Miles



- | | | |
|---------------------------|------------------------|--------------------------------|
| ETDM Alternative Polygon | Major Road | Non-vegetated Wetland |
| ETDM Alternative Segment | Local Road or Trail | Vegetated Non-forested Wetland |
| ETDM Alternative Terminus | River, Stream or Canal | Wetland Forested Mixed |
| ETDM Alternative Point | Water Body | Wetland Coniferous Forest |
| | | Wetland Hardwood Forest |

Data Sources: NAVTEQ; Florida Water Management Districts; US Geological Survey

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Appendices

Degree of Effect Legend

		Legend	
Color Code	Meaning	ETAT	Public Involvement
N/A	Not Applicable / No Involvement	There is no presence of the issue in relationship to the project, or the issue is irrelevant in relationship to the proposed transportation action.	
0	None (after 12/5/2005)	The issue is present, but the project will have no impact on the issue; project has no adverse effect on ETAT resources; permit issuance or consultation involves routine interaction with the agency. The <i>None</i> degree of effect is new as of 12/5/2005.	No community opposition to the planned project. No adverse effect on the community.
1	Enhanced	Project has positive effect on the ETAT resource or can reverse a previous adverse effect leading to environmental improvement.	Affected community supports the proposed project. Project has positive effect.
2	Minimal	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Low cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
2	Minimal to None (assigned prior to 12/5/2005)	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Low cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
3	Moderate	Agency resources are affected by the proposed project, but avoidance and minimization options are available and can be addressed during development with a moderated amount of agency involvement and moderate cost impact.	Project has adverse effect on elements of the affected community. Public Involvement is needed to seek alternatives more acceptable to the community. Moderate community interaction will be required during project development.
4	Substantial	The project has substantial adverse effects but ETAT understands the project need and will be able to seek avoidance and minimization or mitigation options during project development. Substantial interaction will be required during project development and permitting.	Project has substantial adverse effects on the community and faces substantial community opposition. Intensive community interaction with focused Public Involvement will be required during project development to address community concerns.
5	Potential Dispute (Planning Screen)	Project may not conform to agency statutory requirements and may not be permitted. Project modification or evaluation of alternatives is required before advancing to the LRTP Programming Screen.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
5	Dispute Resolution (Programming Screen)	Project does not conform to agency statutory requirements and will not be permitted. Dispute resolution is required before the project proceeds to programming.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
	No ETAT Consensus	ETAT members from different agencies assigned a different degree of effect to this project, and the ETDM coordinator has not assigned a summary degree of effect.	
	No ETAT Reviews	No ETAT members have reviewed the corresponding issue for this project, and the ETDM coordinator has not assigned a summary degree of effect.	

GIS Analyses

Since there are so many GIS Analyses available for Project #13312 - Hillsborough Avenue , they have not been included in this ETDM Summary Report. GIS Analyses, however, are always available for this project on the Public ETDM Website. Please click on the link below (or copy this link into your Web Browser) in order to view detailed GIS tabular information for this project:

<http://etdmpub.fl-a-etat.org/est/index.jsp?tpID=13312&startPageName=GIS%20Analysis%20Results>

Special Note: Please be sure that when the GIS Analysis Results page loads, the **Programming Screen Summary Report Re-published on 11/16/2011 by Steve Love Milestone** is selected. GIS Analyses snapshots have been taken for Project #13312 at various points throughout the project's life-cycle, so it is important that you view the correct snapshot.

APPENDIX B

*State Historic Preservation
Officer Concurrence Letter*



Florida Department of Transportation

11201 N. McKinley Drive Tampa, FL 33612-6456 Phone (813) 975-6000 1-800-226-7220

RICK SCOTT
GOVERNOR

ANANTH PRASAD, P.E.
SECRETARY

April 30, 2012

Mr. Robert F. Bendus
State Historic Preservation Officer
Florida Division of Historical Resources
500 South Bronough Street
Tallahassee, Florida 32399-0250

Attention: Transportation Compliance Review Program

RE: Work Program Item Segment No.: 430054-1
SR 600 (US 92/Hillsborough Avenue) from 50th Street to Interstate 4
Hillsborough County

Dear Mr. Bendus:

Enclosed you will find one copy of the Final Cultural Resource Assessment Survey (CRAS) (March 2012), 18 original Florida Master Site File (FMSF) forms, a CD with the FMSF photographs, and a Survey Log Sheet for the above referenced state funded project.

The Florida Department of Transportation (FDOT), District Seven, is currently conducting a state funded Project Development and Environment (PD&E) Study to evaluate improvements to approximately 2 miles of SR 600 (US 92/Hillsborough Avenue). SR 600 (US 92/Hillsborough Avenue) is currently a four-lane divided roadway from 50th Street to Interstate 4 (I-4). The purpose of the proposed improvement project is to widen SR 600 (US 92/Hillsborough Avenue) from a four- to six-lane divided facility from 50th Street to I-4. The widening will provide additional roadway capacity along SR 600 (US 92/Hillsborough Avenue) to meet future travel demands and to safely accommodate future vehicle traffic as well as non-motorized users. The widening is proposed to take place within the existing 200 feet of right of way (ROW).

In accordance with Chapter 267 Florida Statute and FDOT procedures, the purpose of the current CRAS was to locate and identify any archaeological sites and historic resources located within the project area of potential effect (APE) and to assess their significance in terms of eligibility for listing in the NRHP. The project APE for the

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HISTORIC PRESERVATION
2012 MAY -2 P 12:06

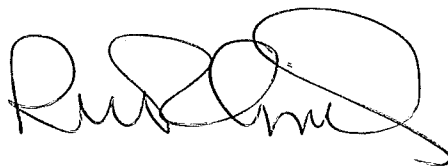
Mr. Robert F. Bendus
Work Program Item Segment No.: 430054-1
SR 600 (US 92/Hillsborough Avenue) from 50th Street to Interstate 4
April 30, 2012
Page 2

archaeological survey was defined as the existing 200-ft ROW. The project APE for the historical survey includes the existing ROW and immediately adjacent properties. Work included background research, archaeological survey, and historical/architectural field survey. The preliminary background research indicated that no National Register of Historic Places (NRHP)-listed or eligible archaeological or historic resources are located within the SR 600 (US 92/Hillsborough Avenue) project APE.

The archaeological field survey identified no archaeological sites. As a result of historical/architectural field survey, 18 historic resources, including 14 historic buildings (8HI11668-11681), one historic bridge (8HI11687), one historic railroad segment (8HI11686), and two resource groups (8HI11684-11685), were newly identified, recorded, and evaluated. These include Masonry Vernacular, Industrial Vernacular, Modern style warehouses and other commercial buildings constructed between ca. 1947 and 1962. None is considered to be potentially eligible for listing in the NRHP, either individually or as part of a potential historic district, due to their commonality of style and lack of significant historical associations.

If you concur with the finding that this project will have no effect on significant cultural resources, please sign the concurrence block below. If you have any questions or if I may be of further assistance, please contact me at (813) 975-6496 or via e-mail at Robin.Rhinesmith@dot.myflorida.com, or Rebecca Spain Schwarz at (813) 281-8308 or via e-mail at rebecca.spain-schwarz@atkinsglobal.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Robin Rhinesmith". The signature is fluid and cursive, with a large loop at the end.

Robin Rhinesmith
Environmental Administrator

Enclosures

cc: Manny Santos (FDOT)
Roy Jackson (FDOT CEMO)
Jeff Novotny (American)
Rebecca Spain Schwarz (Atkins)

Mr. Robert F. Bendus
Work Program Item Segment No.: 430054-1
SR 600 (US 92/Hillsborough Avenue) from 50th Street to Interstate 4
April 30, 2012
Page 3

The Florida State Historic Preservation Officer finds the attached Cultural Resource Assessment Survey complete and sufficient and concurs with the recommendations and findings provided in this cover letter for SHPO/DHR Project File Number 2012-1966.

*except for - HI 11668-
HI 11681*

for See attached Memo


7-13-2012
Date

Robert F. Bendus
State Historic Preservation Officer
Director, Florida Division of Historical Resources

Laura A. Kammeyer, Deputy SHPO

MEMORANDUM**Florida Department of State**

TO: Robin Rhinesmith
Florida Department of Transportation
District 7 Office
11201 N. McKinley Drive
Tampa, Florida 33612-6456

FROM: Laura Kammerer 
Deputy State Historic Preservation Officer
For Review and Compliance

DATE: July 13, 2012

RE: DHR Project File #: 2012-1966
Received by DHR: May 2, 2012
ETDM No.: 13312

Project: SR 600 (US 92/Hillsborough Avenue) from 50th Street to Interstate 4, Hillsborough County

The proposed project involves the widening of SR 600 (US92/East Hillsborough Avenue) from four lanes to six. Since the project's undertakings will occur within the current right of way, the historic properties recorded within the project's area of potential effect are unlikely to be adversely affected. However, at this time, it is the opinion of this office that there is insufficient information to determine eligibility for the structures identified, known as HI11668-HI11681.

If you have any questions, please contact Alyssa McManus, Architectural Historian, Transportation Compliance Review Program, via email alyssa.mcmanus@dos.myflorida.com, or at 850.245.6333.

APPENDIX C

TNM Traffic Data

TRAFFIC DATA FOR NOISE STUDIES

Project: Hillsborough Avenue from 50th Street to West of Interstate 4 Date: 8/29/2011

Work Program Item Seg. No.: 430054-1 Prepared By: HDR, Inc.

Financial Project ID Number(s): N/A

Federal Aid Number(s): N/A

Segment Description: Hillsborough Avenue from 56th Street (SR 583) to Net Park Driveway Alternative: N/A

(Data sheets are to be filled out for every segment having a change in traffic parameters such as volumes, posted speeds, typical section, etc.)

NOTE: Modeled ADT is the LOS(C) volume referenced in the FDOT LOS tables or demand, whichever is less.

Existing Facility	No-Build (Design Year)	Build (Design Year)
Lanes: <u>4</u>	Lanes: <u>4</u>	Lanes: <u>6</u>
Year: <u>2010</u>	Year: <u>2040</u>	Year: <u>2040</u>
ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>53,700</u>
Demand <u>40,100</u>	Demand <u>78,200</u>	Demand <u>78,200</u>
Posted Spd: <u>45</u> mph <u>72</u> kmh	Posted Spd: <u>45</u> mph <u>72</u> kmh	Posted Spd: <u>45</u> mph <u>72</u> kmh
K= <u>9.40</u> %	K= <u>9.40</u> %	K= <u>9.40</u> %
D= <u>56.00</u> %	D= <u>56.00</u> %	D= <u>56.00</u> %
T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.
T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr
<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV
<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV
<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV
<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV

STAMINA/TNM INPUT

The following are spreadsheet calculations based on the input above - do not enter data below this line

Existing Facility Model:	LOS (C)	No-Build (Design Year) Model:	LOS (C)	Build (Design Year) Model:	LOS (C)
LOS (C)					
Peak:		Peak:		Peak:	
Autos	<u>1724</u>	Autos	<u>1724</u>	Autos	<u>2608</u>
Med Trucks	<u>57</u>	Med Trucks	<u>57</u>	Med Trucks	<u>86</u>
Hvy Trucks	<u>42</u>	Hvy Trucks	<u>42</u>	Hvy Trucks	<u>64</u>
Buses	<u>33</u>	Buses	<u>33</u>	Buses	<u>51</u>
Motorcycles	<u>12</u>	Motorcycles	<u>12</u>	Motorcycles	<u>18</u>
Off Peak:		Off Peak:		Off Peak:	
Autos	<u>1354</u>	Autos	<u>1354</u>	Autos	<u>2049</u>
Med Trucks	<u>45</u>	Med Trucks	<u>45</u>	Med Trucks	<u>68</u>
Hvy Trucks	<u>33</u>	Hvy Trucks	<u>33</u>	Hvy Trucks	<u>50</u>
Buses	<u>26</u>	Buses	<u>26</u>	Buses	<u>40</u>
Motorcycles	<u>9</u>	Motorcycles	<u>9</u>	Motorcycles	<u>14</u>
Demand					
Peak:		Peak:		Peak:	
Autos	<u>1947</u>	Autos	<u>3797</u>	Autos	<u>3797</u>
Med Trucks	<u>65</u>	Med Trucks	<u>126</u>	Med Trucks	<u>126</u>
Hvy Trucks	<u>48</u>	Hvy Trucks	<u>93</u>	Hvy Trucks	<u>93</u>
Buses	<u>38</u>	Buses	<u>74</u>	Buses	<u>74</u>
Motorcycles	<u>13</u>	Motorcycles	<u>26</u>	Motorcycles	<u>26</u>
Off Peak:		Off Peak:		Off Peak:	
Autos	<u>1530</u>	Autos	<u>2984</u>	Autos	<u>2984</u>
Med Trucks	<u>51</u>	Med Trucks	<u>99</u>	Med Trucks	<u>99</u>
Hvy Trucks	<u>38</u>	Hvy Trucks	<u>73</u>	Hvy Trucks	<u>73</u>
Buses	<u>30</u>	Buses	<u>58</u>	Buses	<u>58</u>
Motorcycles	<u>10</u>	Motorcycles	<u>20</u>	Motorcycles	<u>20</u>

TRAFFIC DATA FOR NOISE STUDIES

Project: Hillsborough Avenue from 50th Street to West of Interstate 4 Date: 8/29/2011
 Work Program Item Seg. No.: 430054-1 Prepared By: HDR, Inc.
 Financial Project ID Number(s): N/A
 Federal Aid Number(s): N/A
 Segment Description: Hillsborough Avenue from Net Park Driveway to Harney Road Alternative: N/A

(Data sheets are to be filled out for every segment having a change in traffic parameters such as volumes, posted speeds, typical section, etc.)

NOTE: Modeled ADT is the LOS(C) volume referenced in the FDOT LOS tables or demand, whichever is less.

Existing Facility	No-Build (Design Year)	Build (Design Year)
Lanes: <u>4</u>	Lanes: <u>4</u>	Lanes: <u>6</u>
Year: <u>2010</u>	Year: <u>2040</u>	Year: <u>2040</u>
ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>53,700</u>
Demand <u>41,900</u>	Demand <u>78,200</u>	Demand <u>78,200</u>
Posted Spd: <u>45</u> mph <u>72</u> kmh	Posted Spd: <u>45</u> mph <u>72</u> kmh	Posted Spd: <u>45</u> mph <u>72</u> kmh
K= <u>9.40</u> %	K= <u>9.40</u> %	K= <u>9.40</u> %
D= <u>56.00</u> %	D= <u>56.00</u> %	D= <u>56.00</u> %
T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.
T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr
<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV
<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV
<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV
<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV

STAMINA/TNM INPUT

The following are spreadsheet calculations based on the input above - do not enter data below this line

Existing Facility Model:	No-Build (Design Year) Model:	Build (Design Year) Model:
LOS (C)	LOS (C)	LOS (C)
Peak: Autos <u>1724</u> Med Trucks <u>57</u> Hvy Trucks <u>42</u> Buses <u>33</u> Motorcycles <u>12</u>	Peak: Autos <u>1724</u> Med Trucks <u>57</u> Hvy Trucks <u>42</u> Buses <u>33</u> Motorcycles <u>12</u>	Peak: Autos <u>2608</u> Med Trucks <u>86</u> Hvy Trucks <u>64</u> Buses <u>51</u> Motorcycles <u>18</u>
Off Peak: Autos <u>1354</u> Med Trucks <u>45</u> Hvy Trucks <u>33</u> Buses <u>26</u> Motorcycles <u>9</u>	Off Peak: Autos <u>1354</u> Med Trucks <u>45</u> Hvy Trucks <u>33</u> Buses <u>26</u> Motorcycles <u>9</u>	Off Peak: Autos <u>2049</u> Med Trucks <u>68</u> Hvy Trucks <u>50</u> Buses <u>40</u> Motorcycles <u>14</u>
Demand	Demand	Demand
Peak: Autos <u>2035</u> Med Trucks <u>67</u> Hvy Trucks <u>50</u> Buses <u>39</u> Motorcycles <u>14</u>	Peak: Autos <u>3797</u> Med Trucks <u>126</u> Hvy Trucks <u>93</u> Buses <u>74</u> Motorcycles <u>26</u>	Peak: Autos <u>3797</u> Med Trucks <u>126</u> Hvy Trucks <u>93</u> Buses <u>74</u> Motorcycles <u>26</u>
Off Peak: Autos <u>1599</u> Med Trucks <u>53</u> Hvy Trucks <u>39</u> Buses <u>31</u> Motorcycles <u>11</u>	Off Peak: Autos <u>2984</u> Med Trucks <u>99</u> Hvy Trucks <u>73</u> Buses <u>58</u> Motorcycles <u>20</u>	Off Peak: Autos <u>2984</u> Med Trucks <u>99</u> Hvy Trucks <u>73</u> Buses <u>58</u> Motorcycles <u>20</u>

TRAFFIC DATA FOR NOISE STUDIES

Project: Hillsborough Avenue from 50th Street to West of Interstate 4 Date: 8/29/2011

Work Program Item Seg. No.: 430054-1 Prepared By: HDR, Inc.

Financial Project ID Number(s): N/A

Federal Aid Number(s): N/A

Segment Description: Hillsborough Avenue from Harney Road to Suncoast Schools/Averitt Alternative: N/A

(Data sheets are to be filled out for every segment having a change in traffic parameters such as volumes, posted speeds, typical section, etc.)

NOTE: Modeled ADT is the LOS(C) volume referenced in the FDOT LOS tables or demand, whichever is less.

Existing Facility	No-Build (Design Year)	Build (Design Year)
Lanes: <u>4</u>	Lanes: <u>4</u>	Lanes: <u>6</u>
Year: <u>2010</u>	Year: <u>2040</u>	Year: <u>2040</u>
ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>53,700</u>
Demand <u>41,700</u>	Demand <u>79,600</u>	Demand <u>79,600</u>
Posted Spd: <u>50</u> mph <u>80</u> kmh	Posted Spd: <u>50</u> mph <u>80</u> kmh	Posted Spd: <u>50</u> mph <u>80</u> kmh
K= <u>9.40</u> %	K= <u>9.40</u> %	K= <u>9.40</u> %
D= <u>56.00</u> %	D= <u>56.00</u> %	D= <u>56.00</u> %
T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.
T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr
<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV
<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV
<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV
<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV

STAMINA/TNM INPUT

The following are spreadsheet calculations based on the input above - do not enter data below this line

Existing Facility Model: <u>LOS (C)</u>	No-Build (Design Year) Model: <u>LOS (C)</u>	Build (Design Year) Model: <u>LOS (C)</u>
<u>LOS (C)</u>	<u>LOS (C)</u>	<u>LOS (C)</u>
Peak: Autos <u>1724</u>	Peak: Autos <u>1724</u>	Peak: Autos <u>2608</u>
Med Trucks <u>57</u>	Med Trucks <u>57</u>	Med Trucks <u>86</u>
Hvy Trucks <u>42</u>	Hvy Trucks <u>42</u>	Hvy Trucks <u>64</u>
Buses <u>33</u>	Buses <u>33</u>	Buses <u>51</u>
Motorcycles <u>12</u>	Motorcycles <u>12</u>	Motorcycles <u>18</u>
Off Peak: Autos <u>1354</u>	Off Peak: Autos <u>1354</u>	Off Peak: Autos <u>2049</u>
Med Trucks <u>45</u>	Med Trucks <u>45</u>	Med Trucks <u>68</u>
Hvy Trucks <u>33</u>	Hvy Trucks <u>33</u>	Hvy Trucks <u>50</u>
Buses <u>26</u>	Buses <u>26</u>	Buses <u>40</u>
Motorcycles <u>9</u>	Motorcycles <u>9</u>	Motorcycles <u>14</u>
<u>Demand</u>	<u>Demand</u>	<u>Demand</u>
Peak: Autos <u>2025</u>	Peak: Autos <u>3865</u>	Peak: Autos <u>3865</u>
Med Trucks <u>67</u>	Med Trucks <u>128</u>	Med Trucks <u>128</u>
Hvy Trucks <u>50</u>	Hvy Trucks <u>95</u>	Hvy Trucks <u>95</u>
Buses <u>39</u>	Buses <u>75</u>	Buses <u>75</u>
Motorcycles <u>14</u>	Motorcycles <u>26</u>	Motorcycles <u>26</u>
Off Peak: Autos <u>1591</u>	Off Peak: Autos <u>3037</u>	Off Peak: Autos <u>3037</u>
Med Trucks <u>53</u>	Med Trucks <u>101</u>	Med Trucks <u>101</u>
Hvy Trucks <u>39</u>	Hvy Trucks <u>75</u>	Hvy Trucks <u>75</u>
Buses <u>31</u>	Buses <u>59</u>	Buses <u>59</u>
Motorcycles <u>11</u>	Motorcycles <u>21</u>	Motorcycles <u>21</u>

TRAFFIC DATA FOR NOISE STUDIES

Project: Hillsborough Avenue from 50th Street to West of Interstate 4 Date: 8/29/2011
 Work Program Item Seg. No.: 430054-1 Prepared By: HDR, Inc.
 Financial Project ID Number(s): N/A
 Federal Aid Number(s): N/A
 Segment Description: Hillsborough Avenue from Suncoast Schools/Averitt to Orient Road Alternative: N/A

(Data sheets are to be filled out for every segment having a change in traffic parameters such as volumes, posted speeds, typical section, etc.)

NOTE: Modeled ADT is the LOS(C) volume referenced in the FDOT LOS tables or demand, whichever is less.

Existing Facility	No-Build (Design Year)	Build (Design Year)
Lanes: <u>4</u>	Lanes: <u>4</u>	Lanes: <u>6</u>
Year: <u>2010</u>	Year: <u>2040</u>	Year: <u>2040</u>
ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>53,700</u>
Demand <u>41,700</u>	Demand <u>79,600</u>	Demand <u>79,600</u>
Posted Spd: <u>50</u> mph <u>80</u> kmh	Posted Spd: <u>50</u> mph <u>80</u> kmh	Posted Spd: <u>50</u> mph <u>80</u> kmh
K= <u>9.40</u> %	K= <u>9.40</u> %	K= <u>9.40</u> %
D= <u>56.00</u> %	D= <u>56.00</u> %	D= <u>56.00</u> %
T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.
T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr
<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV
<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV
<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV
<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV

STAMINA/TNM INPUT

The following are spreadsheet calculations based on the input above - do not enter data below this line

Existing Facility Model:	No-Build (Design Year) Model:	Build (Design Year) Model:
LOS (C)	LOS (C)	LOS (C)
Peak: Autos <u>1724</u>	Peak: Autos <u>1724</u>	Peak: Autos <u>2608</u>
Med Trucks <u>57</u>	Med Trucks <u>57</u>	Med Trucks <u>86</u>
Hvy Trucks <u>42</u>	Hvy Trucks <u>42</u>	Hvy Trucks <u>64</u>
Buses <u>33</u>	Buses <u>33</u>	Buses <u>51</u>
Motorcycles <u>12</u>	Motorcycles <u>12</u>	Motorcycles <u>18</u>
Off Peak: Autos <u>1354</u>	Off Peak: Autos <u>1354</u>	Off Peak: Autos <u>2049</u>
Med Trucks <u>45</u>	Med Trucks <u>45</u>	Med Trucks <u>68</u>
Hvy Trucks <u>33</u>	Hvy Trucks <u>33</u>	Hvy Trucks <u>50</u>
Buses <u>26</u>	Buses <u>26</u>	Buses <u>40</u>
Motorcycles <u>9</u>	Motorcycles <u>9</u>	Motorcycles <u>14</u>
Demand	Demand	Demand
Peak: Autos <u>2025</u>	Peak: Autos <u>3865</u>	Peak: Autos <u>3865</u>
Med Trucks <u>67</u>	Med Trucks <u>128</u>	Med Trucks <u>128</u>
Hvy Trucks <u>50</u>	Hvy Trucks <u>95</u>	Hvy Trucks <u>95</u>
Buses <u>39</u>	Buses <u>75</u>	Buses <u>75</u>
Motorcycles <u>14</u>	Motorcycles <u>26</u>	Motorcycles <u>26</u>
Off Peak: Autos <u>1591</u>	Off Peak: Autos <u>3037</u>	Off Peak: Autos <u>3037</u>
Med Trucks <u>53</u>	Med Trucks <u>101</u>	Med Trucks <u>101</u>
Hvy Trucks <u>39</u>	Hvy Trucks <u>75</u>	Hvy Trucks <u>75</u>
Buses <u>31</u>	Buses <u>59</u>	Buses <u>59</u>
Motorcycles <u>11</u>	Motorcycles <u>21</u>	Motorcycles <u>21</u>

TRAFFIC DATA FOR NOISE STUDIES

Project: Hillsborough Avenue from 50th Street to West of Interstate 4 Date: 8/29/2011

Work Program Item Seg. No.: 430054-1 Prepared By: HDR, Inc.

Financial Project ID Number(s): N/A

Federal Aid Number(s): N/A

Segment Description: Hillsborough Avenue from Orient Road to West of Interstate 4 Alternative: N/A

(Data sheets are to be filled out for every segment having a change in traffic parameters such as volumes, posted speeds, typical section, etc.)

NOTE: Modeled ADT is the LOS(C) volume referenced in the FDOT LOS tables or demand, whichever is less.

Existing Facility	No-Build (Design Year)	Build (Design Year)
Lanes: <u>4</u>	Lanes: <u>4</u>	Lanes: <u>6</u>
Year: <u>2010</u>	Year: <u>2040</u>	Year: <u>2040</u>
ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>35,500</u>	ADT: LOS (C) <u>53,700</u>
Demand <u>40,600</u>	Demand <u>80,600</u>	Demand <u>80,600</u>
Posted Spd: <u>50</u> mph <u>80</u> kmh	Posted Spd: <u>50</u> mph <u>80</u> kmh	Posted Spd: <u>50</u> mph <u>80</u> kmh
K= <u>9.40</u> %	K= <u>9.40</u> %	K= <u>9.40</u> %
D= <u>56.00</u> %	D= <u>56.00</u> %	D= <u>56.00</u> %
T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.	T= <u>10.0</u> % for 24 hrs.
T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr	T= <u>5.00</u> % Design hr
<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV	<u>3.06</u> % Medium Trucks DHV
<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV	<u>2.27</u> % Heavy Trucks DHV
<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV	<u>1.79</u> % Buses DHV
<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV	<u>0.63</u> % Motorcycles DHV

STAMINA/TNM INPUT

The following are spreadsheet calculations based on the input above - do not enter data below this line

Existing Facility Model: <u>LOS (C)</u>	No-Build (Design Year) Model: <u>LOS (C)</u>	Build (Design Year) Model: <u>LOS (C)</u>
<u>LOS (C)</u>	<u>LOS (C)</u>	<u>LOS (C)</u>
Peak: Autos <u>1724</u>	Peak: Autos <u>1724</u>	Peak: Autos <u>2608</u>
Med Trucks <u>57</u>	Med Trucks <u>57</u>	Med Trucks <u>86</u>
Hvy Trucks <u>42</u>	Hvy Trucks <u>42</u>	Hvy Trucks <u>64</u>
Buses <u>33</u>	Buses <u>33</u>	Buses <u>51</u>
Motorcycles <u>12</u>	Motorcycles <u>12</u>	Motorcycles <u>18</u>
Off Peak: Autos <u>1354</u>	Off Peak: Autos <u>1354</u>	Off Peak: Autos <u>2049</u>
Med Trucks <u>45</u>	Med Trucks <u>45</u>	Med Trucks <u>68</u>
Hvy Trucks <u>33</u>	Hvy Trucks <u>33</u>	Hvy Trucks <u>50</u>
Buses <u>26</u>	Buses <u>26</u>	Buses <u>40</u>
Motorcycles <u>9</u>	Motorcycles <u>9</u>	Motorcycles <u>14</u>
<u>Demand</u>	<u>Demand</u>	<u>Demand</u>
Peak: Autos <u>1972</u>	Peak: Autos <u>3914</u>	Peak: Autos <u>3914</u>
Med Trucks <u>65</u>	Med Trucks <u>130</u>	Med Trucks <u>130</u>
Hvy Trucks <u>49</u>	Hvy Trucks <u>96</u>	Hvy Trucks <u>96</u>
Buses <u>38</u>	Buses <u>76</u>	Buses <u>76</u>
Motorcycles <u>13</u>	Motorcycles <u>27</u>	Motorcycles <u>27</u>
Off Peak: Autos <u>1549</u>	Off Peak: Autos <u>3075</u>	Off Peak: Autos <u>3075</u>
Med Trucks <u>51</u>	Med Trucks <u>102</u>	Med Trucks <u>102</u>
Hvy Trucks <u>38</u>	Hvy Trucks <u>76</u>	Hvy Trucks <u>76</u>
Buses <u>30</u>	Buses <u>60</u>	Buses <u>60</u>
Motorcycles <u>11</u>	Motorcycles <u>21</u>	Motorcycles <u>21</u>

APPENDIX D

TNM Noise Model Validation

INPUT: ROADWAYS

Hillsborough Avenue SEIR

American Consulting Professionals																				
Anna Peterfreund																				
INPUT: ROADWAYS																				
PROJECT/CONTRACT:	Hillsborough Avenue SEIR																			
RUN:	Validation Run 1																			

19 April 2012

TNM 2.5

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement)		Flow Control		Segment
				X	Y	Control Device	Speed Constraint	
	ft			ft	ft		mph	%
Westbound	12.0	point1	1	532,012.6	1,331,557.6			Average
		point2	2	535,740.2	1,331,539.1			
Eastbound	12.0	point3	3	532,012.2	1,331,491.6			Average
		point4	4	535,739.9	1,331,473.1			

INPUT: RECEIVERS

American Consulting Professionals Anna Peterfreund		Hillsborough Avenue SEIR		19 April 2012 TNM 2.5							
INPUT: RECEIVERS		Hillsborough Avenue SEIR									
PROJECT/CONTRACT:		Validation Run 2									
RUN:											
Receiver											
Name	No.	#DUs	Coordinates (ground)	Height	Input Sound Levels and Criteria	Active					
			X Y	above	Existing LAeq1h	Impact Criteria	NR				
				Ground	LAeq1h	Sub'l	Goal				
			ft	ft	dBA	dBA	dB				
Receiver1	1	1	533,386.8 1,331,446.0	4.92	0.00	66	10.0	8.0	Y		

RESULTS: SOUND LEVELS

Hillsborough Avenue SEIR

American Consulting Professionals																
Anna Peterfreund						19 April 2012										
						TNM 2.5										
						Calculated with TNM 2.5										
RESULTS: SOUND LEVELS																
PROJECT/CONTRACT:		Hillsborough Avenue SEIR														
RUN:		Validation Run 2														
BARRIER DESIGN:		INPUT HEIGHTS														
ATMOSPHERICS:		68 deg F, 50% RH														
Receiver																
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h	Increase over existing Calculated	Crit'n	With Barrier Calculated LAeq1h	Type Impact	Noise Reduction Calculated	Goal	Calculated minus Goal	dB	dB	dB	dB	
Receiver1	1	1	0.0	71.3	71.3	66	71.3	10	0.0	8	-8.0	71.3	71.3	0.0	8	
Dwelling Units	# DUs	Noise Reduction														
		Min	Avg	Max												
All Selected	1	0.0	0.0	0.0	0.0											
All Impacted	1	0.0	0.0	0.0	0.0											
All that meet NR Goal	0	0.0	0.0	0.0	0.0											

APPENDIX E

*TNM Noise Model Runs
Input and Output
(Published Separately)*

APPENDIX F

*TNM Noise Barrier
Analysis/Results
(Published Separately)*

APPENDIX G

*Air Quality Screening
Results & Traffic Data*

CO Florida 2004

Project: Hillsborough Avenue
 Facility: Hillsborough Avenue at 56th Street Intersection - Opening (2020) No Build
 Analyst: Anna Peterfreund

Environmental Data:

Temperature: 50 F
 Reid Vapor Pressure: 11.5 psi
 Land Use: Urban
 Stability Class: D
 Surface Roughness: 175
 Background Concentration: 1-hr = 5.0 ppm 8-hr = 3.0 ppm

Project Data:

Region: 4: Hillsborough / Pinellas
 Year: 2020
 Intersection Type: 4 x 4 Intersection
 Max Approach Traffic Volume: 1980 veh/hour
 Speed: 45

Receptor Data (all distances are in feet):

Receptor Name	East-West Distance from Intersection	North-South Distance from Intersection	Receptor Height
Default Rec 1	10	150	6
Default Rec 2	10	50	6
Default Rec 3	50	10	6
Default Rec 4	150	10	6
Default Rec 5	50	50	6
Default Rec 6	10	-150	6
Default Rec 7	10	-50	6
Default Rec 8	50	-10	6
Default Rec 9	150	-10	6
Default Rec 10	50	-50	6

RESULTS (including background CO):

Receptor Name	Max 1-Hr Conc (ppm)	Max 8-Hr Conc (ppm)
Default Rec 1	8.9	5.3
Default Rec 2	9.3	5.6
Default Rec 3	9.4	5.6
Default Rec 4	9.2	5.5
Default Rec 5	8.4	5.0
Default Rec 6	9.2	5.5
Default Rec 7	9.4	5.6
Default Rec 8	9.3	5.6
Default Rec 9	8.9	5.3
Default Rec 10	8.4	5.0

 PROJECT PASSES - NO EXCEEDANCES OF NAAQ CO STANDARDS ARE PREDICTED

CO Florida 2004

Project: Hillsborough Avenue
 Facility: Hillsborough Avenue at 56th Street Intersection - Opening Year Build (2020)
 Analyst: Anna Peterfreund

Environmental Data:

Temperature: 50 F
 Reid Vapor Pressure: 11.5 psi
 Land Use: Urban
 Stability Class: D
 Surface Roughness: 175
 Background Concentration: 1-hr = 5.0 ppm 8-hr = 3.0 ppm

Project Data:

Region: 4: Hillsborough / Pinellas
 Year: 2020
 Intersection Type: 6 x 4 Intersection
 Max 4-Lane Traffic: 1150 veh/hour
 Max 6-Lane Traffic: 1980 veh/hour
 4-Lane Speed: 45
 6-Lane Speed: 45

Receptor Data (all distances are in feet):

Receptor Name	East-West Distance from Intersection	North-South Distance from Intersection	Receptor Height
Default Rec 1	10	150	6
Default Rec 2	10	50	6
Default Rec 3	50	10	6
Default Rec 4	150	10	6
Default Rec 5	50	50	6
Default Rec 6	10	-150	6
Default Rec 7	10	-50	6
Default Rec 8	50	-10	6
Default Rec 9	150	-10	6
Default Rec 10	50	-50	6

RESULTS (including background CO):

Receptor Name	Max 1-Hr Conc (ppm)	Max 8-Hr Conc (ppm)
Default Rec 1	7.9	4.7
Default Rec 2	8.3	5.0
Default Rec 3	9.0	5.4
Default Rec 4	9.5	5.7
Default Rec 5	8.0	4.8
Default Rec 6	8.4	5.0
Default Rec 7	9.0	5.4
Default Rec 8	8.9	5.3
Default Rec 9	8.3	5.0
Default Rec 10	8.2	4.9

 PROJECT PASSES - NO EXCEEDANCES OF NAAQ CO STANDARDS ARE PREDICTED

CO Florida 2004

Project: Hillsborough Avenue
 Facility: Hillsborough Avenue at 56th Street - Design Year No Build (2040)
 Analyst: Anna Peterfreund

Environmental Data:

Temperature: 50 F
 Reid Vapor Pressure: 11.5 psi
 Land Use: Urban
 Stability Class: D
 Surface Roughness: 175
 Background Concentration: 1-hr = 5.0 ppm 8-hr = 3.0 ppm

Project Data:

Region: 4: Hillsborough / Pinellas
 Year: 2040
 Intersection Type: 4 x 4 Intersection
 Max Approach Traffic Volume: 3050 veh/hour
 Speed: 45

Receptor Data (all distances are in feet):

Receptor Name	East-West Distance from Intersection	North-South Distance from Intersection	Receptor Height
Default Rec 1	10	150	6
Default Rec 2	10	50	6
Default Rec 3	50	10	6
Default Rec 4	150	10	6
Default Rec 5	50	50	6
Default Rec 6	10	-150	6
Default Rec 7	10	-50	6
Default Rec 8	50	-10	6
Default Rec 9	150	-10	6
Default Rec 10	50	-50	6

RESULTS (including background CO):

Receptor Name	Max 1-Hr Conc (ppm)	Max 8-Hr Conc (ppm)
Default Rec 1	9.9	5.9
Default Rec 2	10.5	6.3
Default Rec 3	10.5	6.3
Default Rec 4	10.2	6.1
Default Rec 5	9.3	5.6
Default Rec 6	10.2	6.1
Default Rec 7	10.5	6.3
Default Rec 8	10.5	6.3
Default Rec 9	9.9	5.9
Default Rec 10	9.3	5.6

 PROJECT PASSES - NO EXCEEDANCES OF NAAQ CO STANDARDS ARE PREDICTED

CO Florida 2004

Project: Hillsborough Avenue
 Facility: Hillsborough Avenue at 56th Street - Design Year Build (2040)
 Analyst: Anna Peterfreund

Environmental Data:

Temperature: 50 F
 Reid Vapor Pressure: 11.5 psi
 Land Use: Urban
 Stability Class: D
 Surface Roughness: 175
 Background Concentration: 1-hr = 5.0 ppm 8-hr = 3.0 ppm

Project Data:

Region: 4: Hillsborough / Pinellas
 Year: 2040
 Intersection Type: 6 x 4 Intersection
 Max 4-Lane Traffic: 1390 veh/hour
 Max 6-Lane Traffic: 3050 veh/hour
 4-Lane Speed: 45
 6-Lane Speed: 45

Receptor Data (all distances are in feet):

Receptor Name	East-West Distance from Intersection	North-South Distance from Intersection	Receptor Height
Default Rec 1	10	150	6
Default Rec 2	10	50	6
Default Rec 3	50	10	6
Default Rec 4	150	10	6
Default Rec 5	50	50	6
Default Rec 6	10	-150	6
Default Rec 7	10	-50	6
Default Rec 8	50	-10	6
Default Rec 9	150	-10	6
Default Rec 10	50	-50	6

RESULTS (including background CO):

Receptor Name	Max 1-Hr Conc (ppm)	Max 8-Hr Conc (ppm)
Default Rec 1	8.3	5.0
Default Rec 2	9.3	5.6
Default Rec 3	10.2	6.1
Default Rec 4	10.4	6.2
Default Rec 5	8.6	5.2
Default Rec 6	8.7	5.2
Default Rec 7	9.7	5.8
Default Rec 8	10.1	6.1
Default Rec 9	9.5	5.7
Default Rec 10	9.0	5.4

 PROJECT PASSES - NO EXCEEDANCES OF NAAQ CO STANDARDS ARE PREDICTED

APPENDIX H

*Environmental
FirstSearch Report*

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

HILLSBOROUGH AVE

TAMPA FL 33610

Job Number: 5067733-9

PREPARED FOR:

American Consulting
2818 Cypress Ridge Blvd
Wesley Chapel, FL 33544

03-08-12



Tel: (781) 551-0470

Fax: (781) 551-0471

Environmental FirstSearch Search Summary Report

Target Site: HILLSBOROUGH AVE
TAMPA FL 33610

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	02-01-12	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	02-01-12	0.50	0	0	0	0	-	0	0
CERCLIS	Y	01-01-12	0.50	0	1	0	0	-	1	2
NFRAP	Y	01-01-12	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	01-10-12	1.00	0	0	0	0	1	0	1
RCRA TSD	Y	01-10-12	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	01-10-12	0.25	0	17	7	-	-	2	26
Federal Brownfield	Y	02-01-12	0.50	0	0	0	0	-	2	2
ERNS	Y	01-11-12	0.12	0	2	-	-	-	9	11
Tribal Lands	Y	12-01-05	1.00	1	1	0	0	0	1	3
State/Tribal Sites	Y	02-27-12	1.00	0	2	0	0	2	0	4
State Spills 90	Y	01-05-12	0.12	0	6	-	-	-	0	6
State/Tribal SWL	Y	04-29-11	0.50	0	0	0	4	-	0	4
State/Tribal LUST	Y	10-06-11	0.50	0	12	5	9	-	1	27
State/Tribal UST/AST	Y	01-05-12	0.25	2	39	14	-	-	0	55
State/Tribal EC	Y	10-13-11	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	10-13-11	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	NA	0.50	0	1	0	1	-	0	2
State/Tribal Brownfields	Y	12-29-11	0.50	1	1	0	0	-	0	2
State Other	Y	11-02-10	0.25	0	0	0	-	-	0	0
Federal IC/EC	Y	11-01-11	0.50	0	0	0	0	-	0	0
Dry Cleaners	Y	01-05-12	0.25	0	0	0	-	-	0	0
- TOTALS -				4	82	26	14	3	16	145

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

**Environmental FirstSearch
Site Information Report**

Request Date: 03-08-12
Requestor Name: csalicco/acp/bc
Standard: AAI

Search Type: LINEAR
 2.25 mile(s)
Job Number: 5067733-9
Filtered Report

Target Site: HILLSBOROUGH AVE
 TAMPA FL 33610

Demographics

Sites: 145	Non-Geocoded: 16	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-82.383388	-82:23:0	Easting: 363967.343
Latitude:	27.996482	27:59:47	Northing: 3097411.988
Elevation:	N/A		Zone: 17

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0 Mile(s)	Services:
--------------------------------------	------------------

<u>ZIP Code</u>	<u>City Name</u>	<u>ST</u>	<u>Dist/Dir</u>	<u>Sel</u>

	<u>Requested?</u>	<u>Date</u>
Fire Insurance Maps	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch Sites Summary Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
3	BROWNFIELD	NORTH 56TH STREET AREA BF-0606-6/ACTIVE	UNKNOWN TAMPA FL 33610	0.00 --		1
4	TRIBALLAND	TAMPA CENSUS-TL-4826	FL	0.00 --		1
2	UST	SUNCOAST SCHOOLS FEDERAL CREDI 299802875/OPEN	6605 E HILLSBOROUGH AVE TAMPA FL 33610	0.00 --		3
1	UST	HAPPY CAR WASH 298732417/CLOSED	5800 E HILLSBOROUGH AVE TAMPA FL 33610	0.00 --		4
5	UST	AVERITT EXPRESS INC 299805210/OPEN	6626 E HILLSBOROUGH AVE TAMPA FL 33610	0.01 N-		5
7	UST	SUNCOAST SCHOOLS FEDERAL CREDI 299804899/OPEN	6810 E HILLSBOROUGH AVE TAMPA FL 33610	0.01 NW		6
6	LUST	NATIONSBANK PROPERTY-FORMER 299806348/FACILITY CLOSED	4801 W HILLSBOROUGH AVE TAMPA FL 33610	0.01 SE		7
6	UST	NATIONSBANK PROPERTY-FORMER 299806348/CLOSED	4801 W HILLSBOROUGH AVE TAMPA FL 33610	0.01 SE		8
9	LUST	CUMMINS SOUTHEASTERN POWER INC 298627519/FACILITY CLOSED	5910 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		10
20	LUST	CHEVRON-SEMINOLE 181 298625659/FACILITY OPEN	7702 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		12
9	RCRAGN	CUMMINS POWER SOUTH LLC FLD046702122/VGN	5910 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		15
8	RCRAGN	AMERICAN TRAILERS FLD080835135/VGN	6202 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		17
11	RCRAGN	TRI W RENTAL FLR000009456/SGN	5808 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		18
9	SPILLS	CUMMINS SOUTHEASTERN POWER INC 298627519/CLOSED	5910 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		20
8	UST	PERFORMANCE FORD 298733870/CLOSED	6202 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		21
19	UST	UNCLE WILLIES SANDWICH SHOP 2 298624750/OPEN	6208 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		23
20	UST	CHEVRON-SEMINOLE 181 298625659/OPEN	7702 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		26
9	UST	CUMMINS SOUTHEASTERN POWER INC 298627519/CLOSED	5910 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NE		29
13	LUST	SUNCOAST SCHOOLS FEDERAL CU 298625177/FACILITY OPEN	6804 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NW		31
10	LUST	SIMS CRANE and EQUIPMENT CO 298837823/FACILITY OPEN	5002 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NW		34
13	RCRAGN	SUNCOAST SCHOOLS FEDERAL CREDI FLD984180091/VGN	6804 E HILLSBOROUGH TAMPA FL 33610	0.02 NW		37

Environmental FirstSearch Sites Summary Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
10	RCRAGN	SIMS CRANE and EQUIPMENT CO FLTMP9103220/VGN	5002 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NW		39
10	SPILLS	SIMS CRANE and EQUIPMENT CO 298837823/OPEN	5002 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NW		41
10	UST	SIMS CRANE and EQUIPMENT CO 298837823/OPEN	5002 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NW		43
13	UST	SUNCOAST SCHOOLS FEDERAL CU 298625177/OPEN	6804 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 NW		46
15	STATE	SOUTHERN MILL CREEK CO. SITE 000382/STATE SITE	TO BE DETERMINED TAMPA FL 33610	0.02 SE		47
16	UST	STEWARD-MELLON INC 298944320/CLOSED	5101 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SE		48
17	UST	TAMCO 299100290/OPEN	5015 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SE		50
17	UST	TAMCO 299809653/OPEN	5015 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SE		51
12	LUST	BERGER FRED TRUSTEE 298842286/FACILITY CLOSED	6301 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SW		52
14	RCRAGN	TAMPA DIESEL SERVICE INC FLD086452778/SGN	7728 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SW		53
12	RCRAGN	FRED BERGER TRUSTEE FLT950052126/VGN	6301 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SW		55
12	SPILLS	BERGER FRED TRUSTEE 298842286/CLOSED	6301 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SW		57
14	UST	TAMPA DIESEL SERVICE INC 298733866/CLOSED	7728 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SW		58
18	UST	AVIS RENT A CAR-USED CAR SALES 298628867/CLOSED	6305 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SW		60
12	UST	BERGER FRED TRUSTEE 298842286/CLOSED	6301 E HILLSBOROUGH AVE TAMPA FL 33610	0.02 SW		62
27	ERNS	DEALER S WHOLESALE OUTLET 619891/FIXED FACILITY	7400 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 NW		63
26	LUST	CIRCLE K 8532 298840270/FACILITY OPEN	7220 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 NW		65
21	RCRAGN	CRIBBS and RIOS AUTOBODY FLD982081432/SGN	6012 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 NW		68
26	RCRAGN	CIRCLE K 8532 FLD984256180/VGN	7220 E HILLSBOROUGH TAMPA FL 33610	0.03 NW		70
29	UST	REDS MARKET 298841454/CLOSED	5445 BONACKER DR TAMPA FL 33610	0.03 NW		71

Environmental FirstSearch Sites Summary Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
26	UST	CIRCLE K 8532 298840270/OPEN	7220 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 NW		73
31	LUST	MOBIL-ORIENT 129 298625063/FACILITY OPEN	7209 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		76
28	LUST	L and J TRANSPORT 299101483/FACILITY CLOSED	5017 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		78
22	RCRAGN	EXXON RAS 40146 FLD984175927/VGN	HILLSBOROUGH 156TH ST TAMPA FL 33610	0.03 SE		80
25	RCRAGN	ADSTAFF INC FLD982144149/SGN	7439 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		82
28	SPILLS	L and J TRANSPORT 299101483/CLOSED	5017 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		84
31	UST	MOBIL-ORIENT 129 298625063/OPEN	7209 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		86
32	UST	SUNCOAST SCHOOLS FEDERAL CREDI 299601386/OPEN	6801 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		89
30	UST	SUNCOAST SCHOOLS FEDERAL CREDI 298841916/CLOSED	6633 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		90
28	UST	L and J TRANSPORT 299101483/CLOSED	5017 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SE		91
22	UST	MARATHON 453-HILLSBOROUGH 299047530/OPEN	5555 E HILLSBOROUGH TAMPA FL 33610	0.03 SE		93
24	LUST	BELK LINDSEY 299047284/FACILITY CLOSED	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		94
24	LUST	VERIZON WIRELESS-TAMPA CALL CT 298625684/FACILITY OPEN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		96
23	RCRAGN	HILLSBOROUGH BP FLD984211730/VGN	5601 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		98
24	RCRAGN	OKLAHOMA INSTALLATION CO FL0000070912/VGN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		99
24	SPILLS	MONTGOMERY WARDS AUTO CTR 298625684/CLOSED	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		101
24	SPILLS	BELK LINDSEY 299047284/CLOSED	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		103
33	TRIBALLAND	SEMINOLE TRIBE OF INDIANS - TA FL-TL-12	6300 STIRLING ROAD HOLLYWOOD FL 33024	0.03 SW		105
24	UST	NETPARK- CP SHIPS 299807456/OPEN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		106
24	UST	HUMANA 299810973/OPEN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		107

Environmental FirstSearch Sites Summary Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
24	UST	J C PENNEY 299101663/CLOSED	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		108
24	UST	MEDCO HEALTH SOULTIONS INC 299804216/OPEN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		109
24	UST	J C PENNEYS 298733823/CLOSED	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		110
24	UST	NETPARK 299808208/OPEN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		111
24	UST	PHILLIPS 66-EASTLAKE 298627495/CLOSED	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		112
24	UST	BAYCARE HEALTH SYSTEM-DATA CEN 299809214/OPEN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		114
24	UST	VERIZON WIRELESS-TAMPA CALL CT 298625684/OPEN	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		116
24	UST	BELK LINDSEY 299047284/CLOSED	5701 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		117
23	UST	BP-HILLSBOROUGH 324 298521238/OPEN	5601 E HILLSBOROUGH AVE TAMPA FL 33610	0.03 SW		119
34	CERCLIS	SOUTHERN MILL CREEK PRODS CO I FLD004093944/NOT PROPOSED	5414 N 56TH ST TAMPA FL 33610	0.05 NW		121
34	STATE	SOUTHERN MILL CREEK PRODUCTS SITE 000383/STATE SITE	5414 N 56TH ST TAMPA FL 33610	0.05 NW		121
34	UST	SOUTHERN MILL CREEK PRODUCTS C 298625543/CLOSED	5414 N 56TH ST TAMPA FL 33610	0.05 NW		122
34	VCP	SOUTHERN MILL CREEK 65137/COE	5414 N.56TH ST TAMPA FL 33610	0.05 NW		123
35	UST	TAMPA PAVEMENT CONSTRUCTORS IN 299812930/OPEN	5430 N 56TH ST TAMPA FL 33610	0.06 NE		124
36	RCRAGN	CINCINNATI THERMAL SPRAY FLT990061855/VGN	5115 SHADOWLAWN AVE TAMPA FL 33610	0.07 SE		126
36	UST	ONEAL STEEL INC 298627323/CLOSED	5115 E SHADOWLAWN ST TAMPA FL 33610	0.07 SE		127
37	RCRAGN	PEPSI BOTTLING GROUP FLD982142945/VGN	5555 N 50TH ST TAMPA FL 33610	0.08 NW		128
38	ERNS	USA UTILITIES INC 345046/FIXED FACILITY	6608 WALTON WAY TAMPA FL 33610	0.08 SW		129
39	RCRAGN	R V SHULNBURG, INC FLT950050435/VGN	5118 SHADOWLAWN AVE TAMPA FL 33610	0.09 SE		131
40	UST	FIFE-FL SUPPLY INC 298625337/CLOSED	1600 DRAWER B TAMPA FL 33610	0.10 NE		132

Environmental FirstSearch Sites Summary Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
41	RCRAGN	HOLSEYBROOK CUSTOM WOOD REFINI FLT950053439/VGN	5156 SHADOWLAWN AVE TAMPA FL 33610	0.11 SE		134
43	LUST	REGENT TRUCK SALES 299100542/FACILITY CLOSED	6707 68TH ST TAMPA FL 33610	0.12 NE		136
43	UST	REGENT TRUCK SALES 299100542/CLOSED	6707 68TH ST TAMPA FL 33610	0.12 NE		137
44	BROWNFIELD	FORMER SOUTHERN MILL CREEK PRO BF290204001A/ACTIVE	UNKNOWN TAMPA FL 33610	0.12 NW		138
42	UST	CARLYLES INVESTMENTS 299300643/CLOSED	5302 N 56TH ST TAMPA FL 33610	0.12 SE		139
46	RCRAGN	PEPSI COLA BOTTLING COMPANY FLD981749088/VGN	5603 N 50TH ST TAMPA FL 33610	0.13 NW		141
46	UST	PEPSI-COLA BOTTLING CO OF TAMP 298625258/CLOSED	5603 N 50TH ST TAMPA FL 33610	0.13 NW		143
45	LUST	PENSKE TRUCK LEASING 298627475/FACILITY OPEN	5216 E SHADOWLAWN ST TAMPA FL 33610	0.13 SE		145
45	RCRAGN	PENSKE TRUCK LEASING FLD982104911/VGN	5216 E SHADOWLAWN AVE TAMPA FL 33610	0.13 SE		148
48	UST	SANDS and CO INC-TAMPA VENDING 298627455/CLOSED	5210 E SHADOWLAWN ST TAMPA FL 33610	0.13 SE		149
47	UST	EPPERSON and COMPANY INC 299400589/CLOSED	5202 E SHADOWLAWN TAMPA FL 33610	0.13 SE		150
45	UST	PENSKE TRUCK LEASING 298627475/OPEN	5216 E SHADOWLAWN ST TAMPA FL 33610	0.13 SE		152
49	RCRAGN	FEDEX FREIGHT INC FLR000142745/SGN	6952 E HILLSBOROUGH AVE TAMPA FL 33610	0.14 NW		155
49	UST	FEDEX FREIGHT EAST INC 299802541/OPEN	6952 E HILLSBOROUGH AVE TAMPA FL 33610	0.14 NW		156
50	UST	COMMERCIAL ROOF DECKS OF TAMPA 298625802/CLOSED	5411 BORAN PL TAMPA FL 33610	0.15 NW		157
51	LUST	FL ROCK INDUSTRIES INC 298625690/FACILITY OPEN	5609 N 50TH ST TAMPA FL 33610	0.16 NW		159
51	UST	FL ROCK INDUSTRIES INC 298625690/OPEN	5609 N 50TH ST TAMPA FL 33610	0.16 NW		161
52	RCRAGN	SUBURBAN PROPANE FLD984217091/SGN	5618 POWHATTAN AVE TAMPA FL 33610	0.17 NE		163
53	UST	SPECIALIZED TRANSPORT OF TAMPA 299803868/CLOSED	5614 E POWHATAN AVE TAMPA FL 33610	0.19 NE		164
55	UST	BINNER EQUIPMENT CORP 298625148/CLOSED	5635 E POWHATAN AVE TAMPA FL 33610	0.21 NE		165

Environmental FirstSearch Sites Summary Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
54	LUST	AUBURN PLASTICS INC 299103281/FACILITY CLOSED	6008 BONACKER DR TAMPA FL 33610	0.21 NW		167
54	UST	AUBURN PLASTICS INC 299103281/CLOSED	6008 BONACKER DR TAMPA FL 33610	0.21 NW		168
56	UST	US WHOLESALE FENCE INC 299100508/CLOSED	5601 N 56TH ST TAMPA FL 33610	0.22 NE		169
57	LUST	QUAKER STATE CORP 298627290/FACILITY CLOSED	5315 E HENRY AVE TAMPA FL 33610	0.23 NW		171
57	RCRAGN	SPECIALTY OIL CO INC FLD032772055/VGN	5315 E HENRY AVE TAMPA FL 33610	0.23 NW		174
57	UST	QUAKER STATE CORP 298627290/CLOSED	5315 E HENRY AVE TAMPA FL 33610	0.23 NW		177
58	RCRAGN	BRADCO SUPPLY COMPANY FLT050075423/VGN	5420 N 59TH ST TAMPA FL 33610	0.24 NE		180
58	UST	BRADCO SUPPLY CORP 298841742/CLOSED	5420 N 59TH ST TAMPA FL 33610	0.24 NE		181
59	RCRAGN	GLOBAL INVESTMENT RECOVERY FLR000085506/VGN	5409 E HENRY AVE TAMPA FL 33610	0.24 NW		183
60	LUST	GENERAL ROOFING INDUSTRIES INC 299063964/FACILITY CLOSED	5423 N 59TH ST TAMPA FL 33610	0.25 NW		185
60	UST	GENERAL ROOFING INDUSTRIES INC 299063964/CLOSED	5423 N 59TH ST TAMPA FL 33610	0.25 NW		186
61	SWL	CONE RD C and D FACILITY 4029P89300/CLOSED, WITH GW MONI	4800 CONE RD TAMPA FL 33610	0.28 SE		187
62	LUST	JASONS HAULING 299101438/FACILITY OPEN	5102 N 56TH ST TAMPA FL 33610	0.30 SE		189
63	LUST	JET-CITGO 298625723/FACILITY OPEN	4511 E HILLSBOROUGH AVE TAMPA FL 33610	0.30 SW		192
65	LUST	U-HAUL 58 298625611/FACILITY CLOSED	5806 N 56TH ST TAMPA FL 33610	0.33 NW		195
64	LUST	HARDAWAY CO 299101312/FACILITY CLOSED	4800 CONE RD TAMPA FL 33610	0.33 SE		197
64	VCP	HARDAWAY --CONE ROAD 65099/COE	4800 E CONE RD TAMPA FL 33610	0.33 SE		199
66	LUST	USE 9400453 299300997	5820 N 54TH ST TAMPA FL 33610	0.34 NW		199
67	LUST	HARDAWAY ASPHALT 298625017/FACILITY CLOSED	5001 CONE RD TAMPA FL 33610	0.43 SW		201
68	SWL	BEASLEY and SONS LF 4029P30046/CLOSED, NO GW MONITO	4922 NORTH 56TH ST TAMPA FL 33610	0.44 SE		202

***Environmental FirstSearch
Sites Summary Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
69	LUST	LARKIN CONTRACTING INC 298625165/FACILITY OPEN	6001 N 50TH ST TAMPA FL 33610	0.45 NW		204
70	LUST	FL STATE FAIR AUTHORITY 298624863/FACILITY OPEN	ORIENT and I-4 RD N TAMPA FL 33610	0.45 SW		207
72	SWL	WMIF TAMPA CLASS III WASTE PRO 99459/NOT YET DETERMINED	6210 N 53RD ST TAMPA FL 33610	0.48 NW		209
71	SWL	VIGILANT RECYCLING CENTER 99228/PROPOSED	UNKNOWN TAMPA FL 33610	0.48 NW		210
73	LUST	KASH N KARRY DISTRIBUTION CTR 298624928/FACILITY CLOSED	6422 HARNEY RD TAMPA FL 33610	0.49 NE		212
74	STATE	EDWARD DOROUGH SITE 116/DELISTED	1806 DOWNING CIR TAMPA FL 33610	0.85 SW		214
74	STATE	EDWARD DOROUGH SFAS - 116/DELISTED	1806 DOWNING CIR TAMPA FL 33610	0.85 SW		215
75	RCRACOR	P 3 INC FL0000904300/CA	4515 OAK FAIR 103 BLVD TAMPA FL 33610	0.86 SE		217

Environmental FirstSearch Sites Summary Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

TOTAL: 145 **GEOCODED:** 129 **NON GEOCODED:** 16 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	CERCLIS	USF MERCURY RELEASE FLN000407471/NOT PROPOSED	UNKNOWN TAMPA FL	NON GC		N/A
	ERNS	OLD HILLSBOROUGH BAY NRC-870183/STORAGE TANK	OLD HILLSBOROUGH BAY TAMPA FL	NON GC		N/A
	ERNS	MILEPOST: 878.81 50TH STREET C NRC-936426/RAILROAD NON-RELEASE	MILEPOST: 878.81 50TH CROSS TAMPA FL	NON GC		N/A
	ERNS	I-4 WEST BOUND ON EXIT 7 NRC-908497/MOBILE	I-4 WEST BOUND ON EXIT 7 TAMPA FL	NON GC		N/A
	ERNS	493851/HIGHWAY RELATED	ENTRANCE RAMP TO I-4 TAMPA FL	NON GC		N/A
	ERNS	HILLSBOROUGH CUT LAT: 27N 49 NRC-963570/VESSEL	HILLSBOROUGH CUT LAT: 27N 4 TAMPA FL	NON GC		N/A
	ERNS	BERTH 227, HILLSBOROUGH BAY NRC-944390/FIXED	BERTH 227, HILLSBOROUGH BAY TAMPA FL	NON GC		N/A
	ERNS	50TH ST(SR-599) NRC-959935/RAILROAD NON-RELEASE	50TH ST(SR-599) TAMPA FL	NON GC		N/A
	ERNS	36 STREET AND HILLSBOROUGH AVE NRC-551635/FIXED	36 STREET AND HILLSBOROUGH TAMPA FL 33610	NON GC		N/A
	ERNS	50TH STREET AND BROADWAY AVE NRC-939152/RAILROAD NON-RELEASE	50TH ST and BROADWAY AVE TAMPA FL	NON GC		N/A
	FEDBF	R2 - FOLIO NO. 155299 69599069-88321/EPA BROWNFIELD	3105 E SHADOWLAWN ST TAMPA FL 33610	NON GC		N/A
	FEDBF	R1 - FOLIO NO. 154713 88301/EPA BROWNFIELD	4409 N 44TH ST TAMPA FL 33610	NON GC		N/A
	LUST	CARROLWOOD WINDOW and DOOR INC 299812077/FACILITY CLOSED	6025 UNITED STATES HIGHWAY TAMPA FL 33610	NON GC		N/A
	RCRAGN	ELITE PRESSURE WASHER REPAIR I FLR000153726/VGN	6209 N 50TH ST TAMPA FL 33610	NON GC		N/A
	RCRAGN	BRYAN TOOLE ACCIDENT SITE FLT080079700/VGN	I-4 RIGHT OF WAY EAST OF US TAMPA FL 33610	NON GC		N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-33610	UNKNOWN FL 33610	NON GC		N/A

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 86 **DIST/DIR:** 0.00 -- **ELEVATION:** 37 **MAP ID:** 2

NAME: SUNCOAST SCHOOLS FEDERAL CREDIT UNION ADDRESS: 6605 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: EARL BRENDLE SOURCE: FL DEP	REV: 1/5/11 ID1: 299802875 ID2: 9802875.00 STATUS: OPEN PHONE: (813) 621-7511
--	--

SITE INFORMATION

TOTAL NUMBER OF TANKS: 2

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-2000	STAT DATE:	01-MAY-2000
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	1000		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-AUG-2008	STAT DATE:	01-AUG-2008
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	3400		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

- 1 C - STEEL
- 1 I - DOUBLE WALL
- 1 M - SPILL CONTAINMENT BUCKET
- 1 O - TIGHT FILL
- 1 P - LEVEL GAUGES/ALARMS
- 2 C - STEEL
- 2 I - DOUBLE WALL
- 2 M - SPILL CONTAINMENT BUCKET
- 2 N - FLOW SHUT-OFF
- 2 O - TIGHT FILL
- 2 P - LEVEL GAUGES/ALARMS

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	B - STEEL/GALVANIZED METAL
1	I - SUCTION PIPING SYSTEM
2	A - ABV, NO SOIL CONTACT
2	B - STEEL/GALVANIZED METAL

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 88 **DIST/DIR:** 0.01 N- **ELEVATION:** 42 **MAP ID:** 5

<p>NAME: AVERITT EXPRESS INC ADDRESS: 6626 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: GRANT SASSER SOURCE: FL DEP</p>	<p>REV: 1/5/11 ID1: 299805210 ID2: 9805210.00 STATUS: OPEN PHONE: (931) 526-3306</p>
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SITE INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-2002	STAT DATE:	01-JUN-2002
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	15000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

1	C - STEEL
1	I - DOUBLE WALL
1	O - TIGHT FILL
1	P - LEVEL GAUGES/ALARMS

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	B - STEEL/GALVANIZED METAL
1	J - PRESSURIZED PIPING SYSTEM
1	K - DISPENSER LINERS

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	4 - VISUAL INSPECT DISPENSER LINERS
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 94 **DIST/DIR:** 0.01 NW **ELEVATION:** 41 **MAP ID:** 7

NAME: SUNCOAST SCHOOLS FEDERAL CREDIT UNION	REV: 1/5/11
ADDRESS: 6810 E HILLSBOROUGH AVE	ID1: 299804899
TAMPA FL 33610	ID2: 9804899.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: EARL BRENDLE	PHONE: (813) 621-7511
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL

DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-2002	STAT DATE:	01-MAY-2002
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	710		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

1	C - STEEL
1	I - DOUBLE WALL
1	M - SPILL CONTAINMENT BUCKET
1	P - LEVEL GAUGES/ALARMS

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	I - SUCTION PIPING SYSTEM
1	N - APPROVED SYNTHETIC MATERIAL

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 121 **DIST/DIR:** 0.01 SE **ELEVATION:** 43 **MAP ID:** 6

NAME: NATIONS BANK PROPERTY-FORMER
ADDRESS: 4801 W HILLSBOROUGH AVE
TAMPA FL
HILLSBOROUGH
CONTACT:
SOURCE: FL DEP

REV: 1/5/12
ID1: 299806348
ID2: 9806348.00
STATUS: FACILITY CLOSED
PHONE:

DISCHARGE INFORMATION

DISCHARGE DATE: 07/01/1997
COMBINED:
SCORE:
SCORE DATE:
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NFA - NFA COMPLETE
INFO SOURCE: Z - OTHER
OTHER SOURCE: LCAR
SITE MANAGER:
MANAGER END DATE:
TANK OFFICE: -

UST INFORMATION

FACILITY TYPE: X - CONTAMINATION SITE
DEP CO: N

TANK INFORMATION

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 92	DIST/DIR: 0.01 SE	ELEVATION: 43	MAP ID: 6
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NAME: NATIONS BANK PROPERTY-FORMER
ADDRESS: 4801 W HILLSBOROUGH AVE
TAMPA FL
HILLSBOROUGH
CONTACT:
SOURCE: FL DEP

REV: 1/5/11
ID1: 299806348
ID2: 9806348.00
STATUS: CLOSED
PHONE:

SITE INFORMATION

FACILITY TYPE: X - CONTAMINATION SITE
DEP CO: N

TANK INFORMATION

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 101 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME: CUMMINS SOUTHEASTERN POWER INC	REV: 1/5/12
ADDRESS: 5910 E HILLSBOROUGH AVE	ID1: 298627519
TAMPA FL 33610	ID2: 8627519.00
HILLSBOROUGH	STATUS: FACILITY CLOSED
CONTACT:	PHONE: (813) 626-1101
SOURCE: FL DEP	

DISCHARGE INFORMATION

DISCHARGE DATE: 08/26/1999
COMBINED:
SCORE: 59
SCORE DATE: 10/30/2002
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NFA - NFA COMPLETE
INFO SOURCE: D - DISCHARGE NOTIFICATION
OTHER SOURCE: NON REGULATED AST
SITE MANAGER: HEINTZ_C
MANAGER END DATE: 04/05/2004
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: G - EMERG GENERATOR DIESEL
GALLONS DISCHARGED: 290
DRINK WELLS AFFECTED:
MONITORING WELLS:
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED:
OTHER DESCRIPTION:

UST INFORMATION

TOTAL NUMBER OF TANKS: 5
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1962	STAT DATE: 31-JUL-1991
TK STAT: B - REMOVED	
CAPACITY(GAL): 550	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 2	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1962	STAT DATE: 31-JUL-1991
TK STAT: B - REMOVED	
CAPACITY(GAL): 275	
CONTENT: L - WASTE OIL	
PLACE: UNDERGROUND	

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 101 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME: CUMMINS SOUTHEASTERN POWER INC	REV: 1/5/12
ADDRESS: 5910 E HILLSBOROUGH AVE	ID1: 298627519
TAMPA FL 33610	ID2: 8627519.00
HILLSBOROUGH	STATUS: FACILITY CLOSED
CONTACT:	PHONE: (813) 626-1101
SOURCE: FL DEP	

TYPE: C - FUEL USER/NON-RETAIL

TANK ID: 3	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1972	STAT DATE: 31-JUL-1991
TK STAT: B - REMOVED	
CAPACITY(GAL): 275	
CONTENT: L - WASTE OIL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 4	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1972	STAT DATE: 31-JUL-1991
TK STAT: B - REMOVED	
CAPACITY(GAL): 1000	
CONTENT: O - NEW/LUBE OIL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 5	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1983	STAT DATE: 31-JUL-1991
TK STAT: B - REMOVED	
CAPACITY(GAL): 280	
CONTENT: L - WASTE OIL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 122 **DIST/DIR:** 0.02 NE **ELEVATION:** 26 **MAP ID:** 20

<p>NAME: CHEVRON-SEMINOLE 181 ADDRESS: 7702 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP</p>	<p>REV: 1/5/12 ID1: 298625659 ID2: 8625659.00 STATUS: FACILITY OPEN PHONE: (813) 681-4279</p>
--	--

SITE INFORMATION

OPERATOR: RICK HERWEH
NAME UPDATED: 03/07/2006
ADDR UPDATED:
BAD ADDR INDICATOR: N

RP ID: 922
RP ROLE: ACCOUNT OWNER
RP BEGIN: 02/03/2000
NAME: AUTOMATED PETROLEUM and ENERGY CO INC (APEC)
PO BOX 1110 ATTN: RICK HERWEH
BRANDON FL 33509
PHONE: (813)681-4279

DISCHARGE INFORMATION

DISCHARGE DATE: 01/05/1987
COMBINED:
SCORE: 45
SCORE DATE: 03/31/2008
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: ACTIVE
DISCHARGE CLEANUP STATUS: RA - RA ONGOING
INFO SOURCE: E - EDI
OTHER SOURCE:
SITE MANAGER: LUCE_S
MANAGER END DATE:
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

DISCHARGE DATE: 04/12/1991
COMBINED:
SCORE: 45
SCORE DATE: 03/31/2008
CLEANUP REQUIRED: N - NO CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NREQ - CLEANUP NOT REQUIRED
INFO SOURCE: D - DISCHARGE NOTIFICATION
OTHER SOURCE:
SITE MANAGER: KOECHLEIN_H
MANAGER END DATE: 08/31/2001
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: D - VEHICULAR DIESEL
GALLONS DISCHARGED:
DRINK WELLS AFFECTED: 0
MONITORING WELLS: YES
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED: YES
OTHER DESCRIPTION:

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 122 **DIST/DIR:** 0.02 NE **ELEVATION:** 26 **MAP ID:** 20

NAME: CHEVRON-SEMINOLE 181
ADDRESS: 7702 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: FL DEP

REV: 1/5/12
ID1: 298625659
ID2: 8625659.00
STATUS: FACILITY OPEN
PHONE: (813) 681-4279

POLLUTANT: D - VEHICULAR DIESEL
GALLONS DISCHARGED:
DRINK WELLS AFFECTED:
MONITORING WELLS:
SOIL AFFECTED:
S WATER AFFECTED:
G WATER AFFECTED:
OTHER DESCRIPTION:

APPLICATION RECD: 1/8/1987
ELIGIBILITY STATUS: E
ELIGIBILITY DATE: 6/22/1991
LETTER OF INTENT: 06/12/1991
ELIG LETTER SENT: 06/22/1991
REDETERMINED: N
INSPECTION DATE: 03/05/1987
DEDUCTIBLE AMOUNT:
DED PAID TO DATE: 0
CO PAY AMOUNT:
CO-PAID PAID TO DATE: 0
CAP AMOUNT:

UST INFORMATION

TOTAL NUMBER OF TANKS: 13
FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1984	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	10	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1982	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	20000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 122 **DIST/DIR:** 0.02 NE **ELEVATION:** 26 **MAP ID:** 20

NAME: CHEVRON-SEMINOLE 181	REV: 1/5/12
ADDRESS: 7702 E HILLSBOROUGH AVE	ID1: 298625659
TAMPA FL 33610	ID2: 8625659.00
HILLSBOROUGH	STATUS: FACILITY OPEN
CONTACT:	PHONE: (813) 681-4279
SOURCE: FL DEP	

TANK ID:	11	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1999	STAT DATE:	01-JUN-1999
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	12	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1999	STAT DATE:	01-JUN-1999
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	13	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1999	STAT DATE:	01-JUN-1999
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1984	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1984	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO

- More Details Exist For This Site; Max Page Limit Reached -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 7 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME:	CUMMINS POWER SOUTH LLC	REV:	1/10/12
ADDRESS:	5910 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH	ID1:	FLD046702122
CONTACT:		ID2:	
SOURCE:	EPA	STATUS:	VGN
		PHONE:	

SITE INFORMATION

CONTACT INFORMATION: BRENT M NOZAKI
HIGHWAY 85
ATLANTA GA 30349-5976

PHONE: 4047655131

OWNER NAME: BILL SIGMUND
OWNER TYPE: P-PRIVATE
OPERATOR: CUMMINS POWER SOUTH LLC
OPERATOR TYPE: P-PRIVATE
MAILING ADDRESS: 5910 E HILLSBOROUGH AVE
TAMPA, FL

UNIVERSE INFORMATION:

RECEIVED DATE: 09/28/2011

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 7 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME: CUMMINS POWER SOUTH LLC
ADDRESS: 5910 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD046702122
ID2:
STATUS: VGN
PHONE:

42383 - INDUSTRIAL MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

VIOLATION NUMBER:	1	RESPONSIBLE:	S - STATE
DETERMINED:	11/28/2011	DETERMINED BY:	S - STATE
CITATION:		RESOLVED:	11/29/2011
TYPE:	USED OIL - GENERATORS		

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.02 NE **ELEVATION:** 64 **MAP ID:** 8

<p>NAME: AMERICAN TRAILERS ADDRESS: 6202 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: EPA</p>	<p>REV: 1/10/12 ID1: FLD080835135 ID2: STATUS: VGN PHONE:</p>
--	--

SITE INFORMATION

CONTACT INFORMATION: ROBERT M TRAVER
E HILLSBOROUGH AVE
TAMPA FL 33610-5425

PHONE: 8136279555

OWNER NAME: ROBERT TRAVER
OWNER TYPE: P-PRIVATE
OPERATOR: AMERICAN TRAILERS
OPERATOR TYPE: P-PRIVATE
MAILING ADDRESS: 6202 E HILLSBOROUGH AVE
TAMPA, FL 33610

UNIVERSE INFORMATION:

RECEIVED DATE: 05/10/2005

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.02 NE **ELEVATION:** 64 **MAP ID:** 8

NAME: AMERICAN TRAILERS
ADDRESS: 6202 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD080835135
ID2:
STATUS: VGN
PHONE:

336214 - TRAVEL TRAILER AND CAMPER MANUFACTURING

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 20 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 11

NAME: TRI W RENTAL
ADDRESS: 5808 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 10/14/09
ID1: FLR000009456
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: MIKE PURSIFULL
5808 E HILLSBOROUGH AVE
TAMPA FL 336130

PHONE: 8136213925

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 34 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME: CUMMINS SOUTHEASTERN POWER INC ADDRESS: 5910 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: W. D. BLIZZARD SR. SOURCE:	REV: 2/2/04 ID1: 298627519 ID2: 8627519 STATUS: CLOSED PHONE:
--	--

SITE INFORMATION

OPERATOR: CUMMINS SOUTHEASTERN POWER INC
NAME UPDATED:
ADDR UPDATED:
BAD ADDR INDICATOR: N
CLEAN UP STATUS: SA - SA ONGOING
CLEANUP STATUS DATE: 09-16-2003
RANK: 2425
RP ID: 5146
RP ROLE: ACCOUNT OWNER
RP BEGIN: 03-16-1987
NAME: CUMMINS SOUTHEASTERN POWER INC
 5421 N 59TH ST
 TAMPA FL 33610 2002
PHONE: (813) 623-3330

DISCHARGE INFORMATION

DISCHARGE DATE: 08-26-1999	POLLUTANT: G - EMERG GENERATOR DIESEL
COMBINED:	SCORE: 59
SCORE DATE: 10-30-2002	GAL DISCHARGED: 290
DRINK WELLS AFFECTED:	MONITORING WELLS:
SOIL AFFECTED: Y	S WATER AFFECTED: N
G WATER AFFECTED:	CLEANUP ELIG: I - INELIGIBLE

CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: ACTIVE
INFO SOURCE: D - DISCHARGE NOTIFICATION
OTHER SOURCE: NON REGULATED AST
SITE MANAGER: HEINTZ_C
MANAGER END DATE:
TANK OFFICE: PCLP29 - HILLSBOROUGH COUNTY

SRC

ACTION TYPE: -	SUBMIT DATE:
REVIEW DATE:	ISSUE DATE:
COMPLETION DATE:	
COMPLETION STATUS: -	
COMME	

ID NUMBER: 71974	CLEANUP RESP: RP - RESPONSIBLE PARTY
COMPLETION DATE:	PAYMENT DATE:
ACTUAL COST:	

RA

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 34 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME: CUMMINS SOUTHEASTERN POWER INC
ADDRESS: 5910 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT: W. D. BLIZZARD SR.
SOURCE:

REV: 2/2/04
ID1: 298627519
ID2: 8627519
STATUS: CLOSED
PHONE:

TASK ID NUMBER: **CLEANUP RESP:** -
ACTUAL COST: **YEARS TO COMP:**
ELIGIBILITY TYPE: -

RAP

TASK ID NUMBER: **CLEANUP RESP:** -
LAST ORDER APPROVED: **ACTUAL COMPLETION:**
PAYMENT DATE: **ACTUAL COST:**

SR

ID NUMBER: 61543 **CLEANUP RESP:** RP - RESPONSIBLE PARTY
ORAL DATE: **WRITTEN DATE:** 12-16-1999
FREE PROD REMOVAL: N **SOIL REMOVAL:** Y
TONNAGE REMOVED: 173 **TREATMENT:** Y
OTHER TREATMENT: **PAYMENT DATE:**
COMPLETION DATE:
ACTUAL COST:
SR ALTERNATE PROCEDURE RECEIVED DATE:
SR ALTERNATE PROCEDURE STATUS:
SR ALTERNATE PROCEDURE STATUS DATE:
SR ALTERNATE PROCEDURE COMMENT:

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 68 **DIST/DIR:** 0.02 NE **ELEVATION:** 64 **MAP ID:** 8

NAME: PERFORMANCE FORD	REV: 1/5/11
ADDRESS: 6202 E HILLSBOROUGH AVE	ID1: 298733870
TAMPA FL 33610	ID2: 8733870.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: W B SEALEY	PHONE: (813) 621-8631
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 4

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 30-JUN-1987	
TK STAT: B - REMOVED		
CAPACITY(GAL): 500		
CONTENT: B - UNLEADED GAS		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 2	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1978	STAT DATE:	
TK STAT: B - REMOVED		
CAPACITY(GAL): 400		
CONTENT: O - NEW/LUBE OIL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 3	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1978	STAT DATE:	
TK STAT: B - REMOVED		
CAPACITY(GAL): 400		
CONTENT: O - NEW/LUBE OIL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 4	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1978	STAT DATE:	
TK STAT: B - REMOVED		
CAPACITY(GAL): 400		
CONTENT: L - WASTE OIL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 84 **DIST/DIR:** 0.02 NE **ELEVATION:** 52 **MAP ID:** 19

<p>NAME: UNCLE WILLIES SANDWICH SHOP 2 INC ADDRESS: 6208 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: RICK ANDERSON SOURCE: FL DEP</p>	<p>REV: 1/5/11 ID1: 298624750 ID2: 8624750.00 STATUS: OPEN PHONE: (813) 626-7539</p>
--	---

SITE INFORMATION

TOTAL NUMBER OF TANKS: 7

FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	5000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	5	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-NOV-1988	STAT DATE:	20-NOV-2009
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	6	STATUS:	OPEN
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 84 **DIST/DIR:** 0.02 NE **ELEVATION:** 52 **MAP ID:** 19

NAME: UNCLE WILLIES SANDWICH SHOP 2 INC	REV: 1/5/11
ADDRESS: 6208 E HILLSBOROUGH AVE	ID1: 298624750
TAMPA FL 33610	ID2: 8624750.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: RICK ANDERSON	PHONE: (813) 626-7539
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-NOV-1988	STAT DATE:	20-NOV-2009
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	7	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-NOV-1988	STAT DATE:	20-NOV-2009
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	8	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-OCT-2009	STAT DATE:	01-NOV-2009
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	20000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

8	C - STEEL
8	L - COMPARTMENTED
8	M - SPILL CONTAINMENT BUCKET
8	N - FLOW SHUT-OFF
8	O - TIGHT FILL
8	R - DOUBLE WALL - TANK JACKET

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
8	J - PRESSURIZED PIPING SYSTEM
8	K - DISPENSER LINERS
8	M - DOUBLE WALL - PIPE JACKET
8	N - APPROVED SYNTHETIC MATERIAL

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
8	1 - CONTINUOUS ELECTRONIC SENSING
8	2 - VISUAL INSPECT PIPE SUMPS
8	3 - ELECTRONIC MONITOR PIPE SUMPS
8	4 - VISUAL INSPECT DISPENSER LINERS

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 84	DIST/DIR: 0.02 NE	ELEVATION: 52	MAP ID: 19
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NAME: UNCLE WILLIES SANDWICH SHOP 2 INC
ADDRESS: 6208 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT: RICK ANDERSON
SOURCE: FL DEP

REV: 1/5/11
ID1: 298624750
ID2: 8624750.00
STATUS: OPEN
PHONE: (813) 626-7539

-
- 8 F - MONITOR DBL WALL TANK SPACE
 - 8 H - MECHANICAL LINE LEAK DETECTOR
 - 8 K - MONITOR DBL WALL PIPE SPACE

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 96 **DIST/DIR:** 0.02 NE **ELEVATION:** 26 **MAP ID:** 20

<p>NAME: CHEVRON-SEMINOLE 181 ADDRESS: 7702 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: RICK HERWEH SOURCE:</p>	<p>REV: 1/5/11 ID1: 298625659 ID2: 8625659.00 STATUS: OPEN PHONE: PHY ADDRESS: 1201 O</p>
---	--

SITE INFORMATION

TOTAL NUMBER OF TANKS: 13
FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1984	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	10	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1982	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	20000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	11	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1999	STAT DATE:	01-JUN-1999
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	12	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1999	STAT DATE:	01-JUN-1999
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	13	STATUS:	OPEN
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 96 **DIST/DIR:** 0.02 NE **ELEVATION:** 26 **MAP ID:** 20

<p>NAME: CHEVRON-SEMINOLE 181 ADDRESS: 7702 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: RICK HERWEH SOURCE:</p>	<p>REV: 1/5/11 ID1: 298625659 ID2: 8625659.00 STATUS: OPEN PHONE: PHY ADDRESS: 1201 O</p>
---	--

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1999	STAT DATE:	01-JUN-1999
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1984	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1984	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1984	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	3000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	5	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1976	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	6	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1976	STAT DATE:	01-JUN-1998
TK STAT:	B - REMOVED		

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 96 **DIST/DIR:** 0.02 NE **ELEVATION:** 26 **MAP ID:** 20

NAME: CHEVRON-SEMINOLE 181	REV: 1/5/11
ADDRESS: 7702 E HILLSBOROUGH AVE	ID1: 298625659
TAMPA FL 33610	ID2: 8625659.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: RICK HERWEH	PHONE: PHY ADDRESS: 1201 O
SOURCE:	

CAPACITY(GAL): 4000
CONTENT: B - UNLEADED GAS
PLACE: UNDERGROUND
TYPE: A - RETAIL STATION

TANK ID: 7	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1976	STAT DATE: 01-JUN-1998
TK STAT: B - REMOVED	
CAPACITY(GAL): 4000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 8	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1980	STAT DATE: 01-JUN-1998
TK STAT: B - REMOVED	
CAPACITY(GAL): 4000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 9	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1980	STAT DATE: 01-JUN-1998
TK STAT: B - REMOVED	
CAPACITY(GAL): 4000	
CONTENT: K - KEROSENE	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

- 11 A - BALL CHECK VALVE
- 11 C - STEEL
- 11 M - SPILL CONTAINMENT BUCKET
- 11 O - TIGHT FILL
- 11 R - DOUBLE WALL - TANK JACKET
- 12 A - BALL CHECK VALVE
- 12 C - STEEL
- 12 M - SPILL CONTAINMENT BUCKET
- 12 O - TIGHT FILL
- 12 R - DOUBLE WALL - TANK JACKET
- 13 A - BALL CHECK VALVE
- 13 C - STEEL
- 13 M - SPILL CONTAINMENT BUCKET
- 13 O - TIGHT FILL
- 13 R - DOUBLE WALL - TANK JACKET

- More Details Exist For This Site; Max Page Limit Reached -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 51 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME: CUMMINS SOUTHEASTERN POWER INC	REV: 1/5/11
ADDRESS: 5910 E HILLSBOROUGH AVE	ID1: 298627519
TAMPA FL 33610	ID2: 8627519.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: W. D. BLIZZARD SR.	PHONE: (813) 623-3330
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 5

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1962	STAT DATE: 31-JUL-1991	
TK STAT: B - REMOVED		
CAPACITY(GAL): 550		
CONTENT: D - VEHICULAR DIESEL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 2	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1962	STAT DATE: 31-JUL-1991	
TK STAT: B - REMOVED		
CAPACITY(GAL): 275		
CONTENT: L - WASTE OIL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 3	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1972	STAT DATE: 31-JUL-1991	
TK STAT: B - REMOVED		
CAPACITY(GAL): 275		
CONTENT: L - WASTE OIL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 4	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1972	STAT DATE: 31-JUL-1991	
TK STAT: B - REMOVED		
CAPACITY(GAL): 1000		
CONTENT: O - NEW/LUBE OIL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 5	STATUS: CLOSED	
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 51 **DIST/DIR:** 0.02 NE **ELEVATION:** 50 **MAP ID:** 9

NAME:	CUMMINS SOUTHEASTERN POWER INC	REV:	1/5/11
ADDRESS:	5910 E HILLSBOROUGH AVE	ID1:	298627519
	TAMPA FL 33610	ID2:	8627519.00
	HILLSBOROUGH	STATUS:	CLOSED
CONTACT:	W. D. BLIZZARD SR.	PHONE:	(813) 623-3330
SOURCE:	FL DEP		

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1983	STAT DATE:	31-JUL-1991
TK STAT:	B - REMOVED		
CAPACITY(GAL):	280		
CONTENT:	L - WASTE OIL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 118 **DIST/DIR:** 0.02 NW **ELEVATION:** 44 **MAP ID:** 13

NAME: SUNCOAST SCHOOLS FEDERAL CU ADDRESS: 6804 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP	REV: 1/5/12 ID1: 298625177 ID2: 8625177.00 STATUS: FACILITY OPEN PHONE: (813) 621-7531
---	---

SITE INFORMATION

OPERATOR: EARL BRENDLE
NAME UPDATED: 07/02/2007
ADDR UPDATED: 07/02/2007
BAD ADDR INDICATOR: N

RP ID: 21180
RP ROLE: ACCOUNT OWNER
RP BEGIN: 07/09/2001
NAME: SUNCOAST SCHOOLS FEDERAL CU
 6801 E HILLSBOROUGH AVE
 TAMPA FL 33610

PHONE: (813)621-7511

DISCHARGE INFORMATION

DISCHARGE DATE: 08/20/1991
COMBINED:
SCORE: 95
SCORE DATE: 01/20/2011
CLEANUP REQUIRED: N - NO CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NREQ - CLEANUP NOT REQUIRED
INFO SOURCE: D - DISCHARGE NOTIFICATION
OTHER SOURCE:
SITE MANAGER: WICKHAM_S
MANAGER END DATE: 06/25/2003
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

DISCHARGE DATE: 09/09/1988
COMBINED:
SCORE: 95
SCORE DATE: 01/20/2011
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: ACTIVE
DISCHARGE CLEANUP STATUS: RA - RA ONGOING
INFO SOURCE: E - EDI
OTHER SOURCE:
SITE MANAGER: AYER_TO
MANAGER END DATE:
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

DISCHARGE DATE: 09/30/1999
COMBINED:
SCORE: 95
SCORE DATE: 01/20/2011
CLEANUP REQUIRED: N - NO CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NREQ - CLEANUP NOT REQUIRED

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 118 **DIST/DIR:** 0.02 NW **ELEVATION:** 44 **MAP ID:** 13

NAME: SUNCOAST SCHOOLS FEDERAL CU	REV: 1/5/12
ADDRESS: 6804 E HILLSBOROUGH AVE	ID1: 298625177
TAMPA FL 33610	ID2: 8625177.00
HILLSBOROUGH	STATUS: FACILITY OPEN
CONTACT:	PHONE: (813) 621-7531
SOURCE: FL DEP	

INFO SOURCE: P - 17-770 PETROL/PETROL PROD CONTAMINATION
OTHER SOURCE: TRUCK FUEL TANK DISCHARGE
SITE MANAGER: HEINTZ_C
MANAGER END DATE: 08/22/2001
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: Z - OTHER NON REGULATED

GALLONS DISCHARGED:
DRINK WELLS AFFECTED:
MONITORING WELLS:
SOIL AFFECTED:
S WATER AFFECTED:
G WATER AFFECTED:
OTHER DESCRIPTION:

DIESEL

POLLUTANT: B - UNLEADED GAS

GALLONS DISCHARGED:
DRINK WELLS AFFECTED:
MONITORING WELLS:
SOIL AFFECTED:
S WATER AFFECTED:
G WATER AFFECTED:
OTHER DESCRIPTION:

0
 YES
 NO
 NO
 YES

POLLUTANT: D - VEHICULAR DIESEL

GALLONS DISCHARGED:
DRINK WELLS AFFECTED:
MONITORING WELLS:
SOIL AFFECTED:
S WATER AFFECTED:
G WATER AFFECTED:
OTHER DESCRIPTION:

0
 YES
 NO
 NO
 YES

POLLUTANT: B - UNLEADED GAS

GALLONS DISCHARGED:
DRINK WELLS AFFECTED:
MONITORING WELLS:
SOIL AFFECTED:
S WATER AFFECTED:
G WATER AFFECTED:
OTHER DESCRIPTION:

40
 YES
 YES

APPLICATION RECD: 9/16/1988
ELIGIBILITY STATUS: E
ELIGIBILITY DATE: 8/8/1991
LETTER OF INTENT: 05/31/1991
ELIG LETTER SENT: 08/08/1991
REDETERMINED: N
INSPECTION DATE: 09/26/1989
DEDUCTIBLE AMOUNT:
DED PAID TO DATE: 0
CO PAY AMOUNT:
CO-PAID PAID TO DATE: 0

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 118 **DIST/DIR:** 0.02 NW **ELEVATION:** 44 **MAP ID:** 13

<p>NAME: SUNCOAST SCHOOLS FEDERAL CU ADDRESS: 6804 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP</p>	<p>REV: 1/5/12 ID1: 298625177 ID2: 8625177.00 STATUS: FACILITY OPEN PHONE: (813) 621-7531</p>
---	--

CAP AMOUNT:

UST INFORMATION

TOTAL NUMBER OF TANKS: 7
FACILITY TYPE: Z - OTHER REGULATED FACILITY
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1980	STAT DATE:	01-OCT-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	Z - OTHER REGULATED FACILITY		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1980	STAT DATE:	01-OCT-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	Z - OTHER REGULATED FACILITY		

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1980	STAT DATE:	01-OCT-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	Z - OTHER REGULATED FACILITY		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1980	STAT DATE:	01-OCT-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	Z - OTHER REGULATED FACILITY		

- More Details Exist For This Site; Max Page Limit Reached -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 113 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO ADDRESS: 5002 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP	REV: 1/5/12 ID1: 298837823 ID2: 8837823.00 STATUS: FACILITY OPEN PHONE: (813) 626-8102
---	---

DISCHARGE INFORMATION

DISCHARGE DATE: 10/10/1993
COMBINED SCORE:
SCORE DATE: 11/13/2002
CLEANUP REQUIRED: N - NO CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NREQ - CLEANUP NOT REQUIRED
INFO SOURCE: C - CLOSURE REPORT
OTHER SOURCE:
SITE MANAGER: MCKELVEY_M
MANAGER END DATE: 03/11/1999
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: D - VEHICULAR DIESEL
GALLONS DISCHARGED:
DRINK WELLS AFFECTED: 0
MONITORING WELLS: NO
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED: NO
OTHER DESCRIPTION:

POLLUTANT: B - UNLEADED GAS
GALLONS DISCHARGED:
DRINK WELLS AFFECTED: 0
MONITORING WELLS: NO
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED: NO
OTHER DESCRIPTION:

UST INFORMATION

TOTAL NUMBER OF TANKS: 13
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1976	STAT DATE:	31-JAN-1989
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 113 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO	REV: 1/5/12
ADDRESS: 5002 E HILLSBOROUGH AVE	ID1: 298837823
TAMPA FL 33610	ID2: 8837823.00
HILLSBOROUGH	STATUS: FACILITY OPEN
CONTACT:	PHONE: (813) 626-8102
SOURCE: FL DEP	

TANK ID:	10	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-OCT-1989
TK STAT:	B - REMOVED		
CAPACITY(GAL):	2500		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	11	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-OCT-1989
TK STAT:	B - REMOVED		
CAPACITY(GAL):	5000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	12	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JAN-1989	STAT DATE:	30-SEP-1991
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	13	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JAN-1989	STAT DATE:	30-SEP-1991
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1976	STAT DATE:	31-JAN-1989
TK STAT:	B - REMOVED		
CAPACITY(GAL):	5000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	3	STATUS:	OPEN
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 113 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO	REV: 1/5/12
ADDRESS: 5002 E HILLSBOROUGH AVE	ID1: 298837823
TAMPA FL 33610	ID2: 8837823.00
HILLSBOROUGH	STATUS: FACILITY OPEN
CONTACT:	PHONE: (813) 626-8102
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1987	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	500		
CONTENT:	O - NEW/LUBE OIL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1985	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	500		
CONTENT:	Z - OTHER NON REGULATED		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	5	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1985	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	500		
CONTENT:	L - WASTE OIL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	6	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1985	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	500		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	7	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-OCT-1989
TK STAT:	B - REMOVED		
CAPACITY(GAL):	2000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	8	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-OCT-1989
TK STAT:	B - REMOVED		

- More Details Exist For This Site; Max Page Limit Reached -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 25 **DIST/DIR:** 0.02 NW **ELEVATION:** 44 **MAP ID:** 13

<p>NAME: SUNCOAST SCHOOLS FEDERAL CREDIT UNION ADDRESS: 6804 E HILLSBOROUGH TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: EPA</p>	<p>REV: 1/10/12 ID1: FLD984180091 ID2: STATUS: VGN PHONE:</p>
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SITE INFORMATION

CONTACT INFORMATION: CRIS PAYNE
PO BOX 11904 MC FAC001
TAMPA FL 33680-1904

PHONE: 8136217511

OWNER NAME: AL GARCIA
OWNER TYPE: P-PRIVATE
OPERATOR: NEW CIGAR CITY INC
OPERATOR TYPE: P-PRIVATE
MAILING ADDRESS: 6804 E HILLSBOROUGH AVE
TAMPA, FL 33610-41

UNIVERSE INFORMATION:

RECEIVED DATE: 07/02/2007

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 25 **DIST/DIR:** 0.02 NW **ELEVATION:** 44 **MAP ID:** 13

NAME: SUNCOAST SCHOOLS FEDERAL CREDIT UNION
ADDRESS: 6804 E HILLSBOROUGH
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD984180091
ID2:
STATUS: VGN
PHONE:

52213 - CREDIT UNIONS

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste
D018 - Benzene

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 17 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

<p>NAME: SIMS CRANE and EQUIPMENT CO ADDRESS: 5002 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: EPA</p>	<p>REV: 1/10/12 ID1: FLTMP9103220 ID2: STATUS: VGN PHONE:</p>
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SITE INFORMATION

OWNER NAME:
OWNER TYPE:
OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS:

UNIVERSE INFORMATION:

RECEIVED DATE: 10/28/1991

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	O-OTHER	SHORT TERM GEN:	Y
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N
IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

ENFORCEMENT INFORMATION:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 17 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO
ADDRESS: 5002 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLTMP9103220
ID2:
STATUS: VGN
PHONE:

VIOLATION INFORMATION:

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 37 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO	REV: 04/02/07
ADDRESS: 5002 E HILLSBOROUGH AVE	ID1: 298837823
TAMPA FL 33610	ID2: 8837823
HILLSBOROUGH	STATUS: OPEN
CONTACT: M V MOORE OR KELLY JOHNSTON 800-282-6651	PHONE:
SOURCE:	

SITE INFORMATION

OPERATOR: SIMS CRANE and EQUIPMENT CO
OPERATOR PHONE: (813) 626-8102
NAME UPDATED ON:
ADDR UPDATED ON:
BAD ADDR INDICATOR: N

CLEANUP STATUS: REPT - REPORT OF DISCHARGE RECEIVED
CLEANUP STATUS DATE: 10-09-2000
RANK: 4871

RP ID: 19892
RP ROLE: ACCOUNT OWNER
RP BEGIN: 05-20-1994
RP NAME: SIMS CRANE and EQUIPMENT CO
 596 THORPE RD ATTN: KURT KUFFERMANN
 ORLANDO FL 32824

PHONE: (407) 851-2930

DISCHARGE INFORMATION

DISCHARGE DATE: 10-10-1993	
POLLUTANT: B - UNLEADED GAS	
COMBINED:	SCORE: 30
SCORE DATE: 11-13-2002	GAL DISCHARGED:
DRINK WELLS AFFECTED: 0	MONITORING WELLS: N
SOIL AFFECTED: Y	SURFACE WATER AFFECTED: N
GROUND WATER AFFECTED: N	CLEANUP ELIG: I - INELIGIBLE

DISCHARGE DATE: 10-10-1993	
POLLUTANT: D - VEHICULAR DIESEL	
COMBINED:	SCORE: 30
SCORE DATE: 11-13-2002	GAL DISCHARGED:
DRINK WELLS AFFECTED: 0	MONITORING WELLS: N
SOIL AFFECTED: Y	SURFACE WATER AFFECTED: N
GROUND WATER AFFECTED: N	CLEANUP ELIG: I - INELIGIBLE

CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: INACTIVE
INFO SOURCE: C - CLOSURE REPORT
OTHER SOURCE:
SITE MANAGER: MCKELVEY_M
MANAGER END DATE: 03-11-1999
TANK OFFICE: PCLP29 - HILLSBOROUGH COUNTY

RAP INFORMATION

RAP ID:

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Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 73 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO	REV: 1/5/11
ADDRESS: 5002 E HILLSBOROUGH AVE	ID1: 298837823
TAMPA FL 33610	ID2: 8837823.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: M V MOORE OR KELLY JOHNSTON 800-282-6651	PHONE: (407) 851-2930
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 13

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1976	STAT DATE: 31-JAN-1989
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 10	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED:	STAT DATE: 31-OCT-1989
TK STAT: B - REMOVED	
CAPACITY(GAL): 2500	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 11	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED:	STAT DATE: 31-OCT-1989
TK STAT: B - REMOVED	
CAPACITY(GAL): 5000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 12	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JAN-1989	STAT DATE: 30-SEP-1991
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 13 **STATUS:** OPEN

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 73 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO	REV: 1/5/11
ADDRESS: 5002 E HILLSBOROUGH AVE	ID1: 298837823
TAMPA FL 33610	ID2: 8837823.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: M V MOORE OR KELLY JOHNSTON 800-282-6651	PHONE: (407) 851-2930
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JAN-1989	STAT DATE:	30-SEP-1991
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1976	STAT DATE:	31-JAN-1989
TK STAT:	B - REMOVED		
CAPACITY(GAL):	5000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1987	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	500		
CONTENT:	O - NEW/LUBE OIL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1985	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	500		
CONTENT:	Z - OTHER NON REGULATED		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	5	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1985	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	500		
CONTENT:	L - WASTE OIL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	6	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-1985	STAT DATE:	
TK STAT:	U - IN SERVICE		

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 73 **DIST/DIR:** 0.02 NW **ELEVATION:** 55 **MAP ID:** 10

NAME: SIMS CRANE and EQUIPMENT CO	REV: 1/5/11
ADDRESS: 5002 E HILLSBOROUGH AVE	ID1: 298837823
TAMPA FL 33610	ID2: 8837823.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: M V MOORE OR KELLY JOHNSTON 800-282-6651	PHONE: (407) 851-2930
SOURCE: FL DEP	

CAPACITY(GAL): 500
CONTENT: D - VEHICULAR DIESEL
PLACE: ABOVEGROUND
TYPE: C - FUEL USER/NON-RETAIL

TANK ID: 7	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-OCT-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 2000		
CONTENT: A - LEADED GAS		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 8	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-OCT-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 2500		
CONTENT: D - VEHICULAR DIESEL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 9	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-OCT-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 2500		
CONTENT: D - VEHICULAR DIESEL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 95 **DIST/DIR:** 0.02 NW **ELEVATION:** 44 **MAP ID:** 13

NAME: SUNCOAST SCHOOLS FEDERAL CU	REV: 1/5/11
ADDRESS: 6804 E HILLSBOROUGH AVE	ID1: 298625177
TAMPA FL 33610	ID2: 8625177.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: EARL BRENDLE	PHONE: (813) 621-7511
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 7

FACILITY TYPE: Z - OTHER REGULATED FACILITY
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1980	STAT DATE: 01-OCT-2001
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: Z - OTHER REGULATED FACILITY	

TANK ID: 2	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1980	STAT DATE: 01-OCT-2001
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: Z - OTHER REGULATED FACILITY	

TANK ID: 3	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1980	STAT DATE: 01-OCT-2001
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: Z - OTHER REGULATED FACILITY	

TANK ID: 4	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1980	STAT DATE: 01-OCT-2001
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: UNDERGROUND	
TYPE: Z - OTHER REGULATED FACILITY	

TANK ID: 5	STATUS: OPEN
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 95 **DIST/DIR:** 0.02 NW **ELEVATION:** 44 **MAP ID:** 13

NAME: SUNCOAST SCHOOLS FEDERAL CU	REV: 1/5/11
ADDRESS: 6804 E HILLSBOROUGH AVE	ID1: 298625177
TAMPA FL 33610	ID2: 8625177.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: EARL BRENDLE	PHONE: (813) 621-7511
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1980	STAT DATE:	01-OCT-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	8000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	Z - OTHER REGULATED FACILITY		

TANK ID:	6	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1980	STAT DATE:	01-OCT-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	8000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	Z - OTHER REGULATED FACILITY		

TANK ID:	7	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-SEP-2005	STAT DATE:	01-SEP-2005
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	3000		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	Z - OTHER REGULATED FACILITY		

7	C - STEEL
7	M - SPILL CONTAINMENT BUCKET
7	N - FLOW SHUT-OFF
7	O - TIGHT FILL
7	P - LEVEL GAUGES/ALARMS
7	R - DOUBLE WALL - TANK JACKET

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
7	A - ABV, NO SOIL CONTACT
7	B - STEEL/GALVANIZED METAL
7	I - SUCTION PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
7	F - MONITOR DBL WALL TANK SPACE
7	I - NOT REQUIRED
7	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 76 **DIST/DIR:** 0.02 SE **ELEVATION:** 59 **MAP ID:** 16

NAME: STEWARD-MELLON INC	REV: 1/5/11
ADDRESS: 5101 E HILLSBOROUGH AVE	ID1: 298944320
TAMPA FL 33610	ID2: 8944320.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: MARK NAUGLE	PHONE: (813) 621-3577
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1953	STAT DATE: 30-JUN-1989
TK STAT: A - CLOSED IN PLACE	
CAPACITY(GAL): 1000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 77 **DIST/DIR:** 0.02 SE **ELEVATION:** 62 **MAP ID:** 17

NAME: TAMCO	REV: 1/5/11
ADDRESS: 5015 E HILLSBOROUGH AVE	ID1: 299100290
TAMPA FL 33610	ID2: 9100290.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: L V THOMPSON	PHONE: (813) 248-3456
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 5

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 30-APR-1985	
TK STAT: B - REMOVED		
CAPACITY(GAL): 888		
CONTENT: Y - UNKNOWN/NOT REPORTED		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 2	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 30-APR-1985	
TK STAT: B - REMOVED		
CAPACITY(GAL): 888		
CONTENT: Y - UNKNOWN/NOT REPORTED		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 3	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 30-APR-1985	
TK STAT: B - REMOVED		
CAPACITY(GAL): 888		
CONTENT: Y - UNKNOWN/NOT REPORTED		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 4	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 30-APR-1985	
TK STAT: B - REMOVED		
CAPACITY(GAL): 888		
CONTENT: Y - UNKNOWN/NOT REPORTED		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 5	STATUS: OPEN	
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 77 **DIST/DIR:** 0.02 SE **ELEVATION:** 62 **MAP ID:** 17

NAME: TAMCO	REV: 1/5/11
ADDRESS: 5015 E HILLSBOROUGH AVE	ID1: 299100290
TAMPA FL 33610	ID2: 9100290.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: L V THOMPSON	PHONE: (813) 248-3456
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-SEP-2007	STAT DATE:	01-OCT-2007
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	12000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

- 5 C - STEEL
- 5 I - DOUBLE WALL
- 5 L - COMPARTMENTED
- 5 M - SPILL CONTAINMENT BUCKET
- 5 N - FLOW SHUT-OFF
- 5 O - TIGHT FILL
- 5 P - LEVEL GAUGES/ALARMS

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
5	A - ABV, NO SOIL CONTACT
5	B - STEEL/GALVANIZED METAL
5	J - PRESSURIZED PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
5	4 - VISUAL INSPECT DISPENSER LINERS
5	F - MONITOR DBL WALL TANK SPACE
5	G - ELECTRONIC LINE LEAK DETECTOR

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 78 **DIST/DIR:** 0.02 SE **ELEVATION:** 62 **MAP ID:** 17

NAME: TAMCO	REV: 10/1/07
ADDRESS: 5015 E HILLSBOROUGH AVE	ID1: 299809653
TAMPA FL 33610	ID2: 9809653.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: L.V. THOMPSON	PHONE: (813) 248-3456
SOURCE:	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL

DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: N
INSTALLED: 01-SEP-2007	STAT DATE: 01-OCT-2007
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 12000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

- 1 C - STEEL
- 1 I - DOUBLE WALL
- 1 L - COMPARTMENTED
- 1 M - SPILL CONTAINMENT BUCKET
- 1 N - FLOW SHUT-OFF
- 1 O - TIGHT FILL
- 1 P - LEVEL GAUGES/ALARMS

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	B - STEEL/GALVANIZED METAL
1	J - PRESSURIZED PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	4 - VISUAL INSPECT DISPENSER LINERS
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 100 **DIST/DIR:** 0.02 SW **ELEVATION:** 38 **MAP ID:** 12

<p>NAME: BERGER FRED TRUSTEE ADDRESS: 6301 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP</p>	<p>REV: 1/5/12 ID1: 298842286 ID2: 8842286.00 STATUS: FACILITY CLOSED PHONE: (813) 367-2724</p>
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DISCHARGE INFORMATION

DISCHARGE DATE: 04/07/1995
COMBINED:
SCORE:
SCORE DATE:
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NFA - NFA COMPLETE
INFO SOURCE: D - DISCHARGE NOTIFICATION
OTHER SOURCE: PCAR
SITE MANAGER:
MANAGER END DATE:
TANK OFFICE: -

UST INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-DEC-1992
TK STAT:	B - REMOVED		
CAPACITY(GAL):	250		
CONTENT:	L - WASTE OIL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 26 **DIST/DIR:** 0.02 SW **ELEVATION:** 30 **MAP ID:** 14

NAME:	TAMPA DIESEL SERVICE INC	REV:	9/22/05
ADDRESS:	7728 E HILLSBOROUGH AVE	ID1:	FLD086452778
	TAMPA FL 33610	ID2:	
	HILLSBOROUGH	STATUS:	SGN
CONTACT:	CHARLES PASSMORE	PHONE:	8136262298
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: CHARLES PASSMORE
7728 E HILLSBOROUGH AV
TAMPA FL 336100

PHONE: 8136262298

UNIVERSE INFORMATION:

SNC: N - NO
BOYSNC: N - NO
GPRA PERMIT: N - NO
GPRA POSTCLOSURE: N - NO
GPRA CA: N - NO
GPRA CME: N - NO
PERM PROG: ----

SUBJCA NON TSD: N - NO
CA WRKLD: N - NO
GEN STATUS: SQG

PREM WRKLD: ----
CLOSURE WRKLD: ----
P C WRKLD: ----
SUBJCA: N - NO
SUBJCA TSD 3004: N - NO

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 21 **DIST/DIR:** 0.02 SW **ELEVATION:** 38 **MAP ID:** 12

<p>NAME: FRED BERGER TRUSTEE ADDRESS: 6301 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: EPA</p>	<p>REV: 1/10/12 ID1: FLT950052126 ID2: STATUS: VGN PHONE:</p>
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SITE INFORMATION

OWNER NAME:
OWNER TYPE:
OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS:

UNIVERSE INFORMATION:

RECEIVED DATE: 07/12/1995

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	O-OTHER	SHORT TERM GEN:	Y
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N
IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

ENFORCEMENT INFORMATION:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 21	DIST/DIR: 0.02 SW	ELEVATION: 38	MAP ID: 12
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NAME: FRED BERGER TRUSTEE
ADDRESS: 6301 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH

REV: 1/10/12
ID1: FLT950052126
ID2:
STATUS: VGN
PHONE:

CONTACT:
SOURCE: EPA

VIOLATION INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 38 **DIST/DIR:** 0.02 SW **ELEVATION:** 38 **MAP ID:** 12

NAME: BERGER FRED TRUSTEE
ADDRESS: 6301 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE:

REV: 1/2/03
ID1: 298842286
ID2: 8842286
STATUS: CLOSED
PHONE:

SITE INFORMATION

RELATED PARTY:

ID NUMBER: 13916
ROLE: ACCOUNT OWNER
BEGIN: 5/20/1994 5:52:42 PM
NAME: BERGER, FRED TRUSTEE
PO BOX 66168
SAINT PETERSBURG FL 33736
PHONE: (813) 367-2724
BAD ADDR INDICATOR: N
FAC CONTAM ID: 16364
CLEAN UP STATUS: CMPL
SCORE:
RANK:

DISCHARGE INFORMATION

DATE OF DISCHARGE: 8/21/1995
DATE OF INSPECTION:
CLEANUP WORK STATUS: COMPLETED
LEAD AGENCY: LP
SUBSTANCE DISCHARGED: L
AMOUNT DISCHARGED:
SCORE:
SCORE DATE:
INFORMATION SOURCE: Z
DNR STATUS: NFA
CLEANUP REQUIRED: R
SOIL AFFECTED: Y
SURFACE WATER AFFECTED: N
NUM OF DRINKING WELLS AFFECTED: 0
GROUNDWATER AFFECTED: Y
MONITOR WELLS: Y

TASK INFORMATION

RAP

TASK ID NUMBER: **CLEANUP RESP:**
ORDER COMPLETION: **ACTUAL COMPLETION:**
PAYMENT DATE: **ACTUAL COST:**

RA

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 38 **DIST/DIR:** 0.02 SW **ELEVATION:** 38 **MAP ID:** 12

<p>NAME: BERGER FRED TRUSTEE ADDRESS: 6301 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE:</p>	<p>REV: 1/2/03 ID1: 298842286 ID2: 8842286 STATUS: CLOSED PHONE:</p>
--	---

TASK ID NUMBER: 61946	CLEANUP RESP:
ACTUAL COST:	YEARS TO COMP: 0

SRC

ACTION TYPE: NFA	SUBMIT DATE: 9/25/1995
REVIEW DATE: 10/4/1995	ISSUE DATE: 10/17/1995
COMMENT:	

SA

ID NUMBER: 45611	CLEANUP RESP: RP
COMPLETION DATE: 10/17/1995	PAYMENT DATE:
ACTUAL COST:	

SR

ID NUMBER: 45610	CLEANUP RESP: RP
ORAL DATE:	WRITTEN DATE:

FREE PROD REMOVAL:	SOIL REMOVAL:
TONNAGE REMOVED:	TREATMENT:
OTHER TREATMENT:	
COMPLETION DATE:	PAYMENT DATE:
COST:	
SR ALTERNATE PROCEDURE RECEIVED DATE:	
SR ALTERNATE PROCEDURE STATUS DATE:	
SR COMPLETION STATUS:	
SR ALTERNATE PROCEDURE COMMENT:	

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 97 **DIST/DIR:** 0.02 SW **ELEVATION:** 30 **MAP ID:** 14

NAME:	TAMPA DIESEL SERVICE INC	REV:	1/5/11
ADDRESS:	7728 E HILLSBOROUGH AVE	ID1:	298733866
	TAMPA FL 33610	ID2:	8733866.00
	HILLSBOROUGH	STATUS:	CLOSED
CONTACT:		PHONE:	(813) 963-0924
SOURCE:	FL DEP		

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JAN-1967	STAT DATE:	31-JAN-1975
TK STAT:	B - REMOVED		
CAPACITY(GAL):	350		
CONTENT:	L - WASTE OIL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 82 **DIST/DIR:** 0.02 SW **ELEVATION:** 37 **MAP ID:** 18

NAME: AVIS RENT A CAR-USED CAR SALES	REV: 1/5/11
ADDRESS: 6305 E HILLSBOROUGH AVE	ID1: 298628867
TAMPA FL 33610	ID2: 8628867.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: TOM MOFFETT	PHONE: (313) 340-5503
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 12

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1970	STAT DATE: 31-OCT-1987
TK STAT: B - REMOVED	
CAPACITY(GAL): 1000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 10	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1970	STAT DATE: 31-AUG-1987
TK STAT: B - REMOVED	
CAPACITY(GAL): 40	
CONTENT: Z - OTHER NON REGULATED	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 11	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1970	STAT DATE: 31-AUG-1987
TK STAT: B - REMOVED	
CAPACITY(GAL): 40	
CONTENT: Z - OTHER NON REGULATED	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 12	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUL-1970	STAT DATE: 31-AUG-1987
TK STAT: B - REMOVED	
CAPACITY(GAL): 40	
CONTENT: Z - OTHER NON REGULATED	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 2	STATUS: CLOSED
-------------------	-----------------------

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 82 **DIST/DIR:** 0.02 SW **ELEVATION:** 37 **MAP ID:** 18

NAME: AVIS RENT A CAR-USED CAR SALES	REV: 1/5/11
ADDRESS: 6305 E HILLSBOROUGH AVE	ID1: 298628867
TAMPA FL 33610	ID2: 8628867.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: TOM MOFFETT	PHONE: (313) 340-5503
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	31-OCT-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	250		
CONTENT:	L - WASTE OIL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	3	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	31-AUG-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	40		
CONTENT:	Z - OTHER NON REGULATED		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	4	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	31-AUG-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	40		
CONTENT:	Z - OTHER NON REGULATED		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	5	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	31-AUG-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	40		
CONTENT:	Z - OTHER NON REGULATED		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	6	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	31-AUG-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	40		
CONTENT:	Z - OTHER NON REGULATED		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	7	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	31-AUG-1987
TK STAT:	B - REMOVED		

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 82 **DIST/DIR:** 0.02 SW **ELEVATION:** 37 **MAP ID:** 18

NAME: AVIS RENT A CAR-USED CAR SALES	REV: 1/5/11
ADDRESS: 6305 E HILLSBOROUGH AVE	ID1: 298628867
TAMPA FL 33610	ID2: 8628867.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: TOM MOFFETT	PHONE: (313) 340-5503
SOURCE: FL DEP	

CAPACITY(GAL): 40
CONTENT: Z - OTHER NON REGULATED
PLACE: UNDERGROUND
TYPE: C - FUEL USER/NON-RETAIL

TANK ID: 8	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1970	STAT DATE: 31-AUG-1987	
TK STAT: B - REMOVED		
CAPACITY(GAL): 40		
CONTENT: Z - OTHER NON REGULATED		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 9	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUL-1970	STAT DATE: 31-AUG-1987	
TK STAT: B - REMOVED		
CAPACITY(GAL): 40		
CONTENT: Z - OTHER NON REGULATED		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 83 **DIST/DIR:** 0.02 SW **ELEVATION:** 38 **MAP ID:** 12

NAME:	BERGER FRED TRUSTEE	REV:	1/5/11
ADDRESS:	6301 E HILLSBOROUGH AVE	ID1:	298842286
	TAMPA FL 33610	ID2:	8842286.00
	HILLSBOROUGH	STATUS:	CLOSED
CONTACT:	FRED BERGER	PHONE:	(813) 367-2724
SOURCE:	FL DEP		

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-DEC-1992
TK STAT:	B - REMOVED		
CAPACITY(GAL):	250		
CONTENT:	L - WASTE OIL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

ERNS

SEARCH ID: 27 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 27

<p>NAME: DEALER S WHOLESALE OUTLET ADDRESS: 7400 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: EPA</p>	<p>REV: 4/19/99 ID1: 619891 ID2: STATUS: FIXED FACILITY PHONE:</p>
--	---

SPILL INFORMATION

DATE OF SPILL: 4/19/99 **TIME OF SPILL:** 1100

PRODUCT RELEASED (1): OIL, MISC: MOTOR
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO	GROUNDWATER: NO
LAND: YES	FIXED FACILITY: NO
WATER: NO	OTHER: NO

WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO	EQUIPMENT FAILURE: NO
NATURAL PHENOMENON: NO	OPERATOR ERROR: NO
OTHER CAUSE: NO	TRANSP. ACCIDENT: NO
UNKNOWN: NO	

ACTIONS TAKEN: NONE
RELEASE DETECTION: OIL PANS/DUMPING OLD MOTOR OIL DRAINED FROM CARS AT FENCE LINE BEHIND SHOP IN THE GRASS
MISC. NOTES: SIZE OF IMPACTED AREA:2-3FT W X 10-20FT L

DISCHARGER INFORMATION

DISCHARGER ID: 619891	DUN and BRADSTREET :
TYPE OF DISCHARGER: PRIVATE ENTERPRISE	
NAME OF DISCHARGER: DEALER S WHOLESALE OUTLET	
ADDRESS: 7400 EAST HILLSBOROUGH AV TAMPA FL 33610	

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 119 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

<p>NAME: CIRCLE K 8532 ADDRESS: 7220 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP</p>	<p>REV: 1/5/12 ID1: 298840270 ID2: 8840270.00 STATUS: FACILITY OPEN PHONE: (813) 363-6243</p>
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SITE INFORMATION

OPERATOR: FRANCES FRANCONI
NAME UPDATED:
ADDR UPDATED: 09/08/2006
BAD ADDR INDICATOR: N

RP ID: 4045
RP ROLE: ACCOUNT OWNER
RP BEGIN: 08/18/1995
NAME: CIRCLE K STORES INC
12911 N TELECOM PKWY ATTN: FRANCES FRANCONI
TAMPA FL 33637

PHONE: (813)910-6884

DISCHARGE INFORMATION

DISCHARGE DATE: 04/15/1988
COMBINED:
SCORE: 85
SCORE DATE: 04/02/2010
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: ACTIVE
DISCHARGE CLEANUP STATUS: RA - RA ONGOING
INFO SOURCE: E - EDI
OTHER SOURCE:
SITE MANAGER: KOECHLEIN_H
MANAGER END DATE:
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

DISCHARGE DATE: 04/27/2004
COMBINED:
SCORE: 85
SCORE DATE: 04/02/2010
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: INACTIVE
DISCHARGE CLEANUP STATUS: SA - SA ONGOING
INFO SOURCE: C - CLOSURE REPORT
OTHER SOURCE:
SITE MANAGER: KOECHLEIN_H
MANAGER END DATE:
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: Z - OTHER NON REGULATED
GALLONS DISCHARGED:
DRINK WELLS AFFECTED: 0
MONITORING WELLS: YES
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED: YES

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 119 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

NAME: CIRCLE K 8532
ADDRESS: 7220 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: FL DEP

REV: 1/5/12
ID1: 298840270
ID2: 8840270.00
STATUS: FACILITY OPEN
PHONE: (813) 363-6243

OTHER DESCRIPTION:

POLLUTANT: B - UNLEADED GAS
GALLONS DISCHARGED:
DRINK WELLS AFFECTED:
MONITORING WELLS:
SOIL AFFECTED: YES
S WATER AFFECTED:
G WATER AFFECTED:
OTHER DESCRIPTION:

APPLICATION RECD: 12/20/1988
ELIGIBILITY STATUS: E
ELIGIBILITY DATE: 8/8/1991
LETTER OF INTENT: 06/05/1991
ELIG LETTER SENT: 08/08/1991
REDETERMINED: N
INSPECTION DATE: 07/24/1989
DEDUCTIBLE AMOUNT:
DED PAID TO DATE: 0
CO PAY AMOUNT:
CO-PAID PAID TO DATE: 0
CAP AMOUNT:

UST INFORMATION

TOTAL NUMBER OF TANKS: 8
FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID: 1 **STATUS:** OPEN
TVI: TANK **DEP CO:** NO
INSTALLED: 01-APR-1988 **STAT DATE:**
TK STAT: U - IN SERVICE
CAPACITY(GAL): 9816
CONTENT: B - UNLEADED GAS
PLACE: UNDERGROUND
TYPE: A - RETAIL STATION

TANK ID: 2 **STATUS:** OPEN
TVI: TANK **DEP CO:** NO
INSTALLED: 01-APR-1988 **STAT DATE:**
TK STAT: U - IN SERVICE
CAPACITY(GAL): 9816
CONTENT: B - UNLEADED GAS
PLACE: UNDERGROUND
TYPE: A - RETAIL STATION

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 119 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

NAME: CIRCLE K 8532	REV: 1/5/12
ADDRESS: 7220 E HILLSBOROUGH AVE	ID1: 298840270
TAMPA FL 33610	ID2: 8840270.00
HILLSBOROUGH	STATUS: FACILITY OPEN
CONTACT:	PHONE: (813) 363-6243
SOURCE: FL DEP	

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-APR-1988	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	9816		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	C - GASOHOL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	5	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	6	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1982	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	C - GASOHOL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	7	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	8	STATUS:	OPEN
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- More Details Exist For This Site; Max Page Limit Reached -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 6 **DIST/DIR:** 0.03 NW **ELEVATION:** 61 **MAP ID:** 21

NAME:	CRIBBS and RIOS AUTOBODY	REV:	1/10/12
ADDRESS:	6012 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH	ID1:	FLD982081432
CONTACT:		ID2:	
SOURCE:	EPA	STATUS:	SGN
		PHONE:	

SITE INFORMATION

CONTACT INFORMATION: DICK PUSTELNIK
E HILLSBOROUGH AVE
TAMPA FL 33610-5436

PHONE: 8136266200

OWNER NAME: FRED CRIBBS
OWNER TYPE: P-PRIVATE
OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS: 6012 E HILLSBOROUGH AVE
TAMPA, FL 33610-5436

UNIVERSE INFORMATION:

RECEIVED DATE: 03/15/1995

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N
IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 6 **DIST/DIR:** 0.03 NW **ELEVATION:** 61 **MAP ID:** 21

NAME: CRIBBS and RIOS AUTOBODY
ADDRESS: 6012 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD982081432
ID2:
STATUS: SGN
PHONE:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste

F003 - The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent non- halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F005 - The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 23 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

NAME: CIRCLE K 8532	REV: 1/10/12
ADDRESS: 7220 E HILLSBOROUGH TAMPA FL 33610 HILLSBOROUGH	ID1: FLD984256180
CONTACT:	ID2:
SOURCE: EPA	STATUS: VGN
	PHONE:

SITE INFORMATION

CONTACT INFORMATION: STEVE BELIN
FAULKENBURG RD
TAMPA FL 33619

PHONE: 8136898161

OWNER NAME: STEVE BELIN
OWNER TYPE: P-PRIVATE
OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS: 500 FAULKENBURG RD
TAMPA, FL 33619

UNIVERSE INFORMATION:

RECEIVED DATE: 04/06/1993

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 23 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

NAME: CIRCLE K 8532
ADDRESS: 7220 E HILLSBOROUGH
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD984256180
ID2:
STATUS: VGN
PHONE:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D018 - Benzene

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 89 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

<p>NAME: CIRCLE K 8532 ADDRESS: 7220 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: FRANCES FRANCONI SOURCE: FL DEP</p>	<p>REV: 1/5/11 ID1: 298840270 ID2: 8840270.00 STATUS: OPEN PHONE: (813) 910-6884</p>
--	---

SITE INFORMATION

TOTAL NUMBER OF TANKS: 8

FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-APR-1988	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	9816		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-APR-1988	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	9816		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-APR-1988	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	9816		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	C - GASOHOL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	5	STATUS:	OPEN
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 89 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

NAME: CIRCLE K 8532	REV: 1/5/11
ADDRESS: 7220 E HILLSBOROUGH AVE	ID1: 298840270
TAMPA FL 33610	ID2: 8840270.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: FRANCES FRANCONI	PHONE: (813) 910-6884
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	6	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1982	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	C - GASOHOL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	7	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	8	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1970	STAT DATE:	30-APR-1988
TK STAT:	B - REMOVED		
CAPACITY(GAL):	550		
CONTENT:	L - WASTE OIL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

- 1 E - FIBERGLASS
- 1 I - DOUBLE WALL
- 1 M - SPILL CONTAINMENT BUCKET
- 1 N - FLOW SHUT-OFF
- 1 O - TIGHT FILL
- 1 S - DEP APPROVED CONTAINMENT
- 2 E - FIBERGLASS
- 2 I - DOUBLE WALL
- 2 M - SPILL CONTAINMENT BUCKET
- 2 N - FLOW SHUT-OFF
- 2 O - TIGHT FILL
- 2 S - DEP APPROVED CONTAINMENT
- 3 E - FIBERGLASS
- 3 I - DOUBLE WALL

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 89 **DIST/DIR:** 0.03 NW **ELEVATION:** 46 **MAP ID:** 26

NAME: CIRCLE K 8532	REV: 1/5/11
ADDRESS: 7220 E HILLSBOROUGH AVE	ID1: 298840270
TAMPA FL 33610	ID2: 8840270.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: FRANCES FRANCONI	PHONE: (813) 910-6884
SOURCE: FL DEP	

3	M - SPILL CONTAINMENT BUCKET
3	N - FLOW SHUT-OFF
3	O - TIGHT FILL
3	S - DEP APPROVED CONTAINMENT

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	C - FIBERGLASS
1	F - DOUBLE WALL
1	J - PRESSURIZED PIPING SYSTEM
1	K - DISPENSER LINERS
2	C - FIBERGLASS
2	F - DOUBLE WALL
2	J - PRESSURIZED PIPING SYSTEM
2	K - DISPENSER LINERS
3	C - FIBERGLASS
3	F - DOUBLE WALL
3	J - PRESSURIZED PIPING SYSTEM
3	K - DISPENSER LINERS

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	1 - CONTINUOUS ELECTRONIC SENSING
1	2 - VISUAL INSPECT PIPE SUMPS
1	3 - ELECTRONIC MONITOR PIPE SUMPS
1	4 - VISUAL INSPECT DISPENSER LINERS
1	F - MONITOR DBL WALL TANK SPACE
1	H - MECHANICAL LINE LEAK DETECTOR
1	K - MONITOR DBL WALL PIPE SPACE
2	1 - CONTINUOUS ELECTRONIC SENSING
2	2 - VISUAL INSPECT PIPE SUMPS
2	3 - ELECTRONIC MONITOR PIPE SUMPS
2	4 - VISUAL INSPECT DISPENSER LINERS
2	F - MONITOR DBL WALL TANK SPACE
2	H - MECHANICAL LINE LEAK DETECTOR
2	K - MONITOR DBL WALL PIPE SPACE
3	1 - CONTINUOUS ELECTRONIC SENSING
3	2 - VISUAL INSPECT PIPE SUMPS
3	3 - ELECTRONIC MONITOR PIPE SUMPS
3	4 - VISUAL INSPECT DISPENSER LINERS
3	F - MONITOR DBL WALL TANK SPACE
3	H - MECHANICAL LINE LEAK DETECTOR
3	K - MONITOR DBL WALL PIPE SPACE

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 120 **DIST/DIR:** 0.03 SE **ELEVATION:** 46 **MAP ID:** 31

NAME: MOBIL-ORIENT 129 ADDRESS: 7209 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP	REV: 1/5/12 ID1: 298625063 ID2: 8625063.00 STATUS: FACILITY OPEN PHONE: (813) 681-4279
--	---

DISCHARGE INFORMATION

DISCHARGE DATE: 11/30/1988
COMBINED:
SCORE: 80
SCORE DATE: 11/04/1997
CLEANUP REQUIRED: R - CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: SRCR - SRCR COMPLETE
INFO SOURCE: E - EDI
OTHER SOURCE:
SITE MANAGER: MCKELVEY_M
MANAGER END DATE: 11/03/2000
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: B - UNLEADED GAS
GALLONS DISCHARGED:
DRINK WELLS AFFECTED: 0
MONITORING WELLS: NO
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED: NO
OTHER DESCRIPTION:

APPLICATION RECD: 12/7/1988
ELIGIBILITY STATUS: E
ELIGIBILITY DATE: 3/18/1991
LETTER OF INTENT: 10/02/1990
ELIG LETTER SENT: 03/18/1991
REDETERMINED: N
INSPECTION DATE: 01/23/1990
DEDUCTIBLE AMOUNT:
DED PAID TO DATE: 0
CO PAY AMOUNT:
CO-PAID PAID TO DATE: 0
CAP AMOUNT:

UST INFORMATION

TOTAL NUMBER OF TANKS: 6
FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-OCT-1990
TK STAT:	B - REMOVED		

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 120 **DIST/DIR:** 0.03 SE **ELEVATION:** 46 **MAP ID:** 31

NAME: MOBIL-ORIENT 129	REV: 1/5/12
ADDRESS: 7209 E HILLSBOROUGH AVE	ID1: 298625063
TAMPA FL 33610	ID2: 8625063.00
HILLSBOROUGH	STATUS: FACILITY OPEN
CONTACT:	PHONE: (813) 681-4279
SOURCE: FL DEP	

CAPACITY(GAL): 6000
CONTENT: B - UNLEADED GAS
PLACE: UNDERGROUND
TYPE: A - RETAIL STATION

TANK ID: 1R1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-OCT-1990	STAT DATE:
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 2	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED:	STAT DATE: 31-OCT-1990
TK STAT: B - REMOVED	
CAPACITY(GAL): 6000	
CONTENT: A - LEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 2R1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-OCT-1990	STAT DATE:
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 3	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED:	STAT DATE: 31-OCT-1990
TK STAT: B - REMOVED	
CAPACITY(GAL): 6000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 3R1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-OCT-1990	STAT DATE:
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 120 **DIST/DIR:** 0.03 SE **ELEVATION:** 46 **MAP ID:** 31

NAME: MOBIL-ORIENT 129
ADDRESS: 7209 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: FL DEP

REV: 1/5/12
ID1: 298625063
ID2: 8625063.00
STATUS: FACILITY OPEN
PHONE: (813) 681-4279

TYPE: A - RETAIL STATION

1R1 A - BALL CHECK VALVE
1R1 F - FIBERGLASS CLAD STEEL
1R1 I - DOUBLE WALL
1R1 M - SPILL CONTAINMENT BUCKET
1R1 O - TIGHT FILL
2R1 A - BALL CHECK VALVE
2R1 F - FIBERGLASS CLAD STEEL
2R1 I - DOUBLE WALL
2R1 M - SPILL CONTAINMENT BUCKET
2R1 O - TIGHT FILL
3R1 A - BALL CHECK VALVE
3R1 F - FIBERGLASS CLAD STEEL
3R1 I - DOUBLE WALL
3R1 M - SPILL CONTAINMENT BUCKET
3R1 O - TIGHT FILL

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1R1	C - FIBERGLASS
1R1	F - DOUBLE WALL
1R1	J - PRESSURIZED PIPING SYSTEM
1R1	K - DISPENSER LINERS
2R1	C - FIBERGLASS
2R1	F - DOUBLE WALL
2R1	J - PRESSURIZED PIPING SYSTEM
2R1	K - DISPENSER LINERS
3R1	C - FIBERGLASS
3R1	F - DOUBLE WALL
3R1	J - PRESSURIZED PIPING SYSTEM
3R1	K - DISPENSER LINERS

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1R1	2 - VISUAL INSPECT PIPE SUMPS
1R1	4 - VISUAL INSPECT DISPENSER LINERS
1R1	F - MONITOR DBL WALL TANK SPACE
1R1	H - MECHANICAL LINE LEAK DETECTOR
1R1	K - MONITOR DBL WALL PIPE SPACE
2R1	2 - VISUAL INSPECT PIPE SUMPS
2R1	4 - VISUAL INSPECT DISPENSER LINERS
2R1	F - MONITOR DBL WALL TANK SPACE
2R1	H - MECHANICAL LINE LEAK DETECTOR
2R1	K - MONITOR DBL WALL PIPE SPACE
3R1	2 - VISUAL INSPECT PIPE SUMPS
3R1	4 - VISUAL INSPECT DISPENSER LINERS
3R1	F - MONITOR DBL WALL TANK SPACE

- More Details Exist For This Site; Max Page Limit Reached -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 108 **DIST/DIR:** 0.03 SE **ELEVATION:** 60 **MAP ID:** 28

<p>NAME: L and J TRANSPORT ADDRESS: 5017 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP</p>	<p>REV: 1/5/12 ID1: 299101483 ID2: 9101483.00 STATUS: FACILITY CLOSED PHONE:</p>
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DISCHARGE INFORMATION

DISCHARGE DATE: 02/07/1991
COMBINED:
SCORE:
SCORE DATE:
CLEANUP REQUIRED: N - NO CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NREQ - CLEANUP NOT REQUIRED
INFO SOURCE: A - ABANDONED TANK RESTORATION
OTHER SOURCE:
SITE MANAGER: MCKELVEY_M
MANAGER END DATE: 03/11/1999
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: L - WASTE OIL
GALLONS DISCHARGED:
DRINK WELLS AFFECTED: 0
MONITORING WELLS: NO
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED: NO
OTHER DESCRIPTION:

UST INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-MAR-1991
TK STAT:	B - REMOVED		
CAPACITY(GAL):	600		
CONTENT:	L - WASTE OIL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 8 **DIST/DIR:** 0.03 SE **ELEVATION:** 62 **MAP ID:** 22

NAME: EXXON RAS 40146	REV: 11/9/11
ADDRESS: HILLSBOROUGH 156TH ST TAMPA FL 33610 HILLSBOROUGH	ID1: FLD984175927
CONTACT:	ID2:
SOURCE: EPA	STATUS: VGN
	PHONE:

SITE INFORMATION

CONTACT INFORMATION: CAROLYN JONES
PO BOX 4552
HOUSTON TX 77210-4552

PHONE: 7136569075

OWNER NAME: EXXONMOBIL OIL CORP
OWNER TYPE: P-PRIVATE

OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS: PO BOX 4552
HOUSTON, TX 77210-4552

UNIVERSE INFORMATION:

RECEIVED DATE: 09/30/2011

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 8	DIST/DIR: 0.03 SE	ELEVATION: 62	MAP ID: 22
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NAME: EXXON RAS 40146	REV: 11/9/11
ADDRESS: HILLSBOROUGH 156TH ST TAMPA FL 33610 HILLSBOROUGH	ID1: FLD984175927
CONTACT:	ID2:
SOURCE: EPA	STATUS: VGN
	PHONE:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 22 **DIST/DIR:** 0.03 SE **ELEVATION:** 39 **MAP ID:** 25

NAME: ADSTAFF INC ADDRESS: 7439 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: EPA	REV: 1/10/12 ID1: FLD982144149 ID2: STATUS: SGN PHONE:
--	---

SITE INFORMATION

CONTACT INFORMATION: ANNE CULBERTSON
E HILLSBOROUGH AVE
TAMPA FL 33610

PHONE: 8136284503

OWNER NAME: ANNE CULBERTSON
OWNER TYPE: P-PRIVATE
OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS: 7439 E HILLSBOROUGH AVE
TAMPA, FL 33610

UNIVERSE INFORMATION:

RECEIVED DATE: 05/07/1990

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 22	DIST/DIR: 0.03 SE	ELEVATION: 39	MAP ID: 25
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NAME: ADSTAFF INC
ADDRESS: 7439 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD982144149
ID2:
STATUS: SGN
PHONE:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.03 SE **ELEVATION:** 60 **MAP ID:** 28

NAME: L and J TRANSPORT
ADDRESS: 5017 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE:

REV: 1/2/03
ID1: 299101483
ID2: 9101483
STATUS: CLOSED
PHONE:

SITE INFORMATION

RELATED PARTY:

ID NUMBER: 7153
ROLE: ACCOUNT OWNER
BEGIN: 4/2/1991

NAME: FIRST FL BANK N A
1308 W SLIGH AVE

TAMPA FL 33604 5902

PHONE: (813) 932-1779

BAD ADDR INDICATOR: N
FAC CONTAM ID: 16885
CLEAN UP STATUS: NREQ
SCORE:
RANK:

DISCHARGE INFORMATION

DATE OF DISCHARGE: 2/7/1991
DATE OF INSPECTION: 4/24/1991
CLEANUP WORK STATUS: COMPLETED
LEAD AGENCY: LP
SUBSTANCE DISCHARGED: L
AMOUNT DISCHARGED:
SCORE:
SCORE DATE:
INFORMATION SOURCE: A
DNR STATUS: NREQ
CLEANUP REQUIRED: N

SOIL AFFECTED: Y
SURFACE WATER AFFECTED: N
NUM OF DRINKING WELLS AFFECTED: 0
GROUNDWATER AFFECTED: N
MONITOR WELLS: N

TASK INFORMATION

RAP

TASK ID NUMBER: **CLEANUP RESP:**
ORDER COMPLETION: **ACTUAL COMPLETION:**
PAYMENT DATE: **ACTUAL COST:**

RA

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.03 SE **ELEVATION:** 60 **MAP ID:** 28

<p>NAME: L and J TRANSPORT ADDRESS: 5017 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE:</p>	<p>REV: 1/2/03 ID1: 299101483 ID2: 9101483 STATUS: CLOSED PHONE:</p>
--	---

TASK ID NUMBER: **CLEANUP RESP:**
ACTUAL COST: **YEARS TO COMP:**

SRC

ACTION TYPE: **SUBMIT DATE:**
REVIEW DATE: **ISSUE DATE:**
COMMENT:

SA

ID NUMBER: 46573 **CLEANUP RESP:** RP
COMPLETION DATE: **PAYMENT DATE:**
ACTUAL COST:

SR

ID NUMBER: 46572 **CLEANUP RESP:** RP
ORAL DATE: **WRITTEN DATE:**

FREE PROD REMOVAL: **SOIL REMOVAL:** Y
TONNAGE REMOVED: **TREATMENT:**

OTHER TREATMENT: **PAYMENT DATE:**
COMPLETION DATE:

COST:
SR ALTERNATE PROCEDURE RECEIVED DATE:
SR ALTERNATE PROCEDURE STATUS DATE:
SR COMPLETION STATUS:
SR ALTERNATE PROCEDURE COMMENT:

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 91 **DIST/DIR:** 0.03 SE **ELEVATION:** 46 **MAP ID:** 31

NAME: MOBIL-ORIENT 129	REV: 1/5/11
ADDRESS: 7209 E HILLSBOROUGH AVE	ID1: 298625063
TAMPA FL 33610	ID2: 8625063.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: RICK HERWEH	PHONE: PHY ADDRESS: 1201 O
SOURCE:	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 6

FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED:	STAT DATE: 31-OCT-1990
TK STAT: B - REMOVED	
CAPACITY(GAL): 6000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 1R1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-OCT-1990	STAT DATE:
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 2	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED:	STAT DATE: 31-OCT-1990
TK STAT: B - REMOVED	
CAPACITY(GAL): 6000	
CONTENT: A - LEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 2R1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-OCT-1990	STAT DATE:
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 3	STATUS: OPEN
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 91 **DIST/DIR:** 0.03 SE **ELEVATION:** 46 **MAP ID:** 31

NAME: MOBIL-ORIENT 129	REV: 1/5/11
ADDRESS: 7209 E HILLSBOROUGH AVE	ID1: 298625063
TAMPA FL 33610	ID2: 8625063.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: RICK HERWEH	PHONE: PHY ADDRESS: 1201 O
SOURCE:	

TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	31-OCT-1990
TK STAT:	B - REMOVED		
CAPACITY(GAL):	6000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	3R1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-OCT-1990	STAT DATE:	
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

1R1	A - BALL CHECK VALVE
1R1	F - FIBERGLASS CLAD STEEL
1R1	I - DOUBLE WALL
1R1	M - SPILL CONTAINMENT BUCKET
1R1	O - TIGHT FILL
2R1	A - BALL CHECK VALVE
2R1	F - FIBERGLASS CLAD STEEL
2R1	I - DOUBLE WALL
2R1	M - SPILL CONTAINMENT BUCKET
2R1	O - TIGHT FILL
3R1	A - BALL CHECK VALVE
3R1	F - FIBERGLASS CLAD STEEL
3R1	I - DOUBLE WALL
3R1	M - SPILL CONTAINMENT BUCKET
3R1	O - TIGHT FILL

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1R1	C - FIBERGLASS
1R1	F - DOUBLE WALL
1R1	J - PRESSURIZED PIPING SYSTEM
1R1	K - DISPENSER LINERS
2R1	C - FIBERGLASS
2R1	F - DOUBLE WALL
2R1	J - PRESSURIZED PIPING SYSTEM
2R1	K - DISPENSER LINERS
3R1	C - FIBERGLASS
3R1	F - DOUBLE WALL
3R1	J - PRESSURIZED PIPING SYSTEM
3R1	K - DISPENSER LINERS

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 91 **DIST/DIR:** 0.03 SE **ELEVATION:** 46 **MAP ID:** 31

<p>NAME: MOBIL-ORIENT 129 ADDRESS: 7209 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: RICK HERWEH SOURCE:</p>	<p>REV: 1/5/11 ID1: 298625063 ID2: 8625063.00 STATUS: OPEN PHONE: PHY ADDRESS: 1201 O</p>
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MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1R1	2 - VISUAL INSPECT PIPE SUMPS
1R1	4 - VISUAL INSPECT DISPENSER LINERS
1R1	F - MONITOR DBL WALL TANK SPACE
1R1	H - MECHANICAL LINE LEAK DETECTOR
1R1	K - MONITOR DBL WALL PIPE SPACE
2R1	2 - VISUAL INSPECT PIPE SUMPS
2R1	4 - VISUAL INSPECT DISPENSER LINERS
2R1	F - MONITOR DBL WALL TANK SPACE
2R1	H - MECHANICAL LINE LEAK DETECTOR
2R1	K - MONITOR DBL WALL PIPE SPACE
3R1	2 - VISUAL INSPECT PIPE SUMPS
3R1	4 - VISUAL INSPECT DISPENSER LINERS
3R1	F - MONITOR DBL WALL TANK SPACE
3R1	H - MECHANICAL LINE LEAK DETECTOR
3R1	K - MONITOR DBL WALL PIPE SPACE

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 93 **DIST/DIR:** 0.03 SE **ELEVATION:** 39 **MAP ID:** 32

NAME: SUNCOAST SCHOOLS FEDERAL CREDIT UNION	REV: 1/5/11
ADDRESS: 6801 E HILLSBOROUGH AVE	ID1: 299601386
TAMPA FL 33610	ID2: 9601386.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: EARL BRENDLE	PHONE: (813) 621-7511
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 3

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-FEB-1994	STAT DATE: 01-FEB-1994
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 1000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 2	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-FEB-1994	STAT DATE: 01-FEB-1994
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 1000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 3	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-MAY-1999	STAT DATE: 01-MAY-1999
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 1500	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

- 1 C - STEEL
- 1 I - DOUBLE WALL
- 1 M - SPILL CONTAINMENT BUCKET
- 1 O - TIGHT FILL
- 1 P - LEVEL GAUGES/ALARMS
- 2 C - STEEL
- 2 I - DOUBLE WALL
- 2 M - SPILL CONTAINMENT BUCKET
- 2 O - TIGHT FILL
- 2 P - LEVEL GAUGES/ALARMS
- 3 C - STEEL

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 93 **DIST/DIR:** 0.03 SE **ELEVATION:** 39 **MAP ID:** 32

<p>NAME: SUNCOAST SCHOOLS FEDERAL CREDIT UNION ADDRESS: 6801 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: EARL BRENDLE SOURCE: FL DEP</p>	<p>REV: 1/5/11 ID1: 299601386 ID2: 9601386.00 STATUS: OPEN PHONE: (813) 621-7511</p>
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- | | |
|---|------------------------------|
| 3 | I - DOUBLE WALL |
| 3 | M - SPILL CONTAINMENT BUCKET |
| 3 | O - TIGHT FILL |
| 3 | P - LEVEL GAUGES/ALARMS |

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	B - STEEL/GALVANIZED METAL
1	I - SUCTION PIPING SYSTEM
2	A - ABV, NO SOIL CONTACT
2	B - STEEL/GALVANIZED METAL
2	I - SUCTION PIPING SYSTEM
3	A - ABV, NO SOIL CONTACT
3	B - STEEL/GALVANIZED METAL
3	I - SUCTION PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS
2	F - MONITOR DBL WALL TANK SPACE
2	Q - VISUAL INSPECTION OF ASTS
3	F - MONITOR DBL WALL TANK SPACE
3	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 87 **DIST/DIR:** 0.03 SE **ELEVATION:** 37 **MAP ID:** 30

NAME: SUNCOAST SCHOOLS FEDERAL CREDIT UNION	REV: 1/5/11
ADDRESS: 6633 E HILLSBOROUGH AVE	ID1: 298841916
TAMPA FL 33610	ID2: 8841916.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: EARL BRENDLE	PHONE: (813) 621-7511
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED:	STAT DATE:
TK STAT: B - REMOVED	
CAPACITY(GAL): 888	
CONTENT: A - LEADED GAS	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 60 **DIST/DIR:** 0.03 SE **ELEVATION:** 60 **MAP ID:** 28

NAME: L and J TRANSPORT
ADDRESS: 5017 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: FL DEP

REV: 1/5/11
ID1: 299101483
ID2: 9101483.00
STATUS: CLOSED
PHONE: (813) 932-1779

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1 **STATUS:** CLOSED
TVI: TANK **DEP CO:** NO
INSTALLED: **STAT DATE:** 31-MAR-1991
TK STAT: B - REMOVED
CAPACITY(GAL): 600
CONTENT: L - WASTE OIL
PLACE: ABOVEGROUND
TYPE: C - FUEL USER/NON-RETAIL

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 61 **DIST/DIR:** 0.03 SE **ELEVATION:** 62 **MAP ID:** 22

NAME: MARATHON 453-HILLSBOROUGH	REV: 1/5/11
ADDRESS: 5555 E HILLSBOROUGH	ID1: 299047530
TAMPA FL 33610	ID2: 9047530.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: JOHN P MYERS JR	PHONE: (813) 342-3624
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 5

FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-SEP-1990	STAT DATE: 01-NOV-2003
TK STAT: B - REMOVED	
CAPACITY(GAL): 12000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 2	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-SEP-1990	STAT DATE: 01-NOV-2003
TK STAT: B - REMOVED	
CAPACITY(GAL): 12000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 3	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-SEP-1990	STAT DATE: 01-NOV-2003
TK STAT: B - REMOVED	
CAPACITY(GAL): 12000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 4	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-DEC-2004	STAT DATE: 01-JAN-2005
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 15000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: A - RETAIL STATION	

TANK ID: 5	STATUS: OPEN
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 61 **DIST/DIR:** 0.03 SE **ELEVATION:** 62 **MAP ID:** 22

NAME: MARATHON 453-HILLSBOROUGH	REV: 1/5/11
ADDRESS: 5555 E HILLSBOROUGH	ID1: 299047530
TAMPA FL 33610	ID2: 9047530.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: JOHN P MYERS JR	PHONE: (813) 342-3624
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-DEC-2004	STAT DATE:	01-JAN-2005
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	15000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

- 4 A - BALL CHECK VALVE
- 4 C - STEEL
- 4 M - SPILL CONTAINMENT BUCKET
- 4 O - TIGHT FILL
- 4 R - DOUBLE WALL - TANK JACKET
- 5 A - BALL CHECK VALVE
- 5 C - STEEL
- 5 L - COMPARTMENTED
- 5 M - SPILL CONTAINMENT BUCKET
- 5 O - TIGHT FILL
- 5 R - DOUBLE WALL - TANK JACKET

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
4	C - FIBERGLASS
4	F - DOUBLE WALL
4	J - PRESSURIZED PIPING SYSTEM
4	K - DISPENSER LINERS
5	C - FIBERGLASS
5	F - DOUBLE WALL
5	J - PRESSURIZED PIPING SYSTEM
5	K - DISPENSER LINERS

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
4	3 - ELECTRONIC MONITOR PIPE SUMPS
4	4 - VISUAL INSPECT DISPENSER LINERS
4	F - MONITOR DBL WALL TANK SPACE
4	H - MECHANICAL LINE LEAK DETECTOR
4	L - AUTOMATIC TANK GAUGING - USTS
5	3 - ELECTRONIC MONITOR PIPE SUMPS
5	4 - VISUAL INSPECT DISPENSER LINERS
5	F - MONITOR DBL WALL TANK SPACE
5	H - MECHANICAL LINE LEAK DETECTOR
5	L - AUTOMATIC TANK GAUGING - USTS

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 99 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

<p>NAME: BELK LINDSEY ADDRESS: 5701 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP</p>	<p>REV: 1/5/12 ID1: 299047284 ID2: 9047284.00 STATUS: FACILITY CLOSED PHONE: (813) 621-9421</p>
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DISCHARGE INFORMATION

DISCHARGE DATE: 06/10/1992
COMBINED:
SCORE: 59
SCORE DATE: 11/22/2002
CLEANUP REQUIRED: N - NO CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NREQ - CLEANUP NOT REQUIRED
INFO SOURCE: D - DISCHARGE NOTIFICATION
OTHER SOURCE:
SITE MANAGER: MCKELVEY_M
MANAGER END DATE: 03/11/1999
TANK OFFICE: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

POLLUTANT: D - VEHICULAR DIESEL
GALLONS DISCHARGED:
DRINK WELLS AFFECTED: 0
MONITORING WELLS: NO
SOIL AFFECTED: YES
S WATER AFFECTED: NO
G WATER AFFECTED: NO
OTHER DESCRIPTION:

UST INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-FEB-1976	STAT DATE:	30-JUN-1992
TK STAT:	B - REMOVED		
CAPACITY(GAL):	250		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 116 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

<p>NAME: VERIZON WIRELESS-TAMPA CALL CTR ADDRESS: 5701 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: SOURCE: FL DEP</p>	<p>REV: 1/5/12 ID1: 298625684 ID2: 8625684.00 STATUS: FACILITY OPEN PHONE: (678) 339-8025</p>
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DISCHARGE INFORMATION

DISCHARGE DATE: 12/31/1992
COMBINED:
SCORE:
SCORE DATE:
CLEANUP REQUIRED: N - NO CLEANUP REQUIRED
WORK STATUS: COMPLETED
DISCHARGE CLEANUP STATUS: NREQ - CLEANUP NOT REQUIRED
INFO SOURCE: C - CLOSURE REPORT
OTHER SOURCE:
SITE MANAGER:
MANAGER END DATE:
TANK OFFICE: -

UST INFORMATION

TOTAL NUMBER OF TANKS: 5
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1976	STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1976	STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	3	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-1976	STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

LUST

SEARCH ID: 116 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: VERIZON WIRELESS-TAMPA CALL CTR	REV: 1/5/12
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 298625684
TAMPA FL 33610	ID2: 8625684.00
HILLSBOROUGH	STATUS: FACILITY OPEN
CONTACT:	PHONE: (678) 339-8025
SOURCE: FL DEP	

PLACE: UNDERGROUND
TYPE: C - FUEL USER/NON-RETAIL

TANK ID: 4	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUN-1976	STAT DATE: 31-OCT-1992	
TK STAT: B - REMOVED		
CAPACITY(GAL): 1000		
CONTENT: L - WASTE OIL		
PLACE: UNDERGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

TANK ID: 5	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-JUN-2000	STAT DATE: 01-JUN-2000	
TK STAT: U - IN SERVICE		
CAPACITY(GAL): 1000		
CONTENT: G - EMERG GENERATOR DIESEL		
PLACE: ABOVEGROUND		
TYPE: C - FUEL USER/NON-RETAIL		

5	C - STEEL
5	M - SPILL CONTAINMENT BUCKET
5	P - LEVEL GAUGES/ALARMS
5	R - DOUBLE WALL - TANK JACKET

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
5	A - ABV, NO SOIL CONTACT
5	B - STEEL/GALVANIZED METAL
5	I - SUCTION PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
5	F - MONITOR DBL WALL TANK SPACE
5	Q - VISUAL INSPECTION OF ASTS

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 10 **DIST/DIR:** 0.03 SW **ELEVATION:** 56 **MAP ID:** 23

NAME:	HILLSBOROUGH BP	REV:	1/10/12
ADDRESS:	5601 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH	ID1:	FLD984211730
CONTACT:		ID2:	
SOURCE:	EPA	STATUS:	VGN
		PHONE:	

SITE INFORMATION

CONTACT INFORMATION: ABRAHAM GHOBRIAL
EAST HILLSBOROUGH AVE
TAMPA FL 33610

PHONE: 8136214300

OWNER NAME: DONALD PELT
OWNER TYPE: P-PRIVATE
OPERATOR: ABRAHAM GHOBRIAL
OPERATOR TYPE: P-PRIVATE
MAILING ADDRESS: 5601 E HILLSBOROUGH AVE
TAMPA, FL 33610-54

UNIVERSE INFORMATION:

RECEIVED DATE: 09/30/2011

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 10 **DIST/DIR:** 0.03 SW **ELEVATION:** 56 **MAP ID:** 23

NAME: HILLSBOROUGH BP
ADDRESS: 5601 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD984211730
ID2:
STATUS: VGN
PHONE:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste
D002 - Corrosive waste
D008 - Lead
D018 - Benzene

***Environmental FirstSearch
Site Detail Report***

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

RCRAGN

SEARCH ID: 12 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: OKLAHOMA INSTALLATION CO
ADDRESS: 5701 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE: EPA

REV: 2/16/10
ID1: FL0000070912
ID2:
STATUS: VGN
PHONE:

SITE INFORMATION

UNIVERSE TYPE:

CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS: GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE

SIC INFORMATION:

0011 - DISCONTINUED, CHANGED, OR UNKNOWN
0011 - DISCONTINUED, CHANGED, OR UNKNOWN

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 36 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: MONTGOMERY WARDS AUTO CTR
ADDRESS: 5701 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE:

REV: 1/2/03
ID1: 298625684
ID2: 8625684
STATUS: CLOSED
PHONE:

SITE INFORMATION

RELATED PARTY:

ID NUMBER: 1001
ROLE: ACCOUNT OWNER
BEGIN: 5/20/1994 5:38:44 PM
NAME: MONTGOMERY WARD and CO
140 CLEARWATER MALL
CLEARWATER FL 34624
PHONE: (813) 796-8950
BAD ADDR INDICATOR: N
FAC CONTAM ID: 16626
CLEAN UP STATUS: NREQ
SCORE:
RANK:

DISCHARGE INFORMATION

DATE OF DISCHARGE: 12/31/1992
DATE OF INSPECTION:
CLEANUP WORK STATUS: COMPLETED
LEAD AGENCY: LP
SUBSTANCE DISCHARGED: L
AMOUNT DISCHARGED:
SCORE:
SCORE DATE:
INFORMATION SOURCE: C
DNR STATUS: NREQ
CLEANUP REQUIRED: N
SOIL AFFECTED: Y
SURFACE WATER AFFECTED: N
NUM OF DRINKING WELLS AFFECTED: 0
GROUNDWATER AFFECTED: N
MONITOR WELLS: N

TASK INFORMATION

RAP

TASK ID NUMBER: **CLEANUP RESP:**
ORDER COMPLETION: **ACTUAL COMPLETION:**
PAYMENT DATE: **ACTUAL COST:**

RA

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 36 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: MONTGOMERY WARDS AUTO CTR
ADDRESS: 5701 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE:

REV: 1/2/03
ID1: 298625684
ID2: 8625684
STATUS: CLOSED
PHONE:

TASK ID NUMBER: **CLEANUP RESP:**
ACTUAL COST: **YEARS TO COMP:**

SRC

ACTION TYPE: **SUBMIT DATE:**
REVIEW DATE: **ISSUE DATE:**
COMMENT:

SA

ID NUMBER: **CLEANUP RESP:**
COMPLETION DATE: **PAYMENT DATE:**
ACTUAL COST:

SR

ID NUMBER: **CLEANUP RESP:**
ORAL DATE: **WRITTEN DATE:**

FREE PROD REMOVAL: **SOIL REMOVAL:**
TONNAGE REMOVED: **TREATMENT:**
OTHER TREATMENT:

COMPLETION DATE: **PAYMENT DATE:**

COST:
SR ALTERNATE PROCEDURE RECEIVED DATE:
SR ALTERNATE PROCEDURE STATUS DATE:
SR COMPLETION STATUS:
SR ALTERNATE PROCEDURE COMMENT:

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 33 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: BELK LINDSEY	REV: 1/2/03
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 299047284
TAMPA FL 33610	ID2: 9047284
HILLSBOROUGH	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE:	

SITE INFORMATION

RELATED PARTY:

ID NUMBER:	1816
ROLE:	ACCOUNT OWNER
BEGIN:	10/12/1990
NAME:	BELK LINDSEY TAMPA 5701 E HILLSBOROUGH AVE TAMPA FL 33610 5413
PHONE:	(813) 621-9421
BAD ADDR INDICATOR:	Y
FAC CONTAM ID:	16682
CLEAN UP STATUS:	REPT
SCORE:	
RANK:	

DISCHARGE INFORMATION

DATE OF DISCHARGE:	6/10/1992
DATE OF INSPECTION:	
CLEANUP WORK STATUS:	INACTIVE
LEAD AGENCY:	LP
SUBSTANCE DISCHARGED:	D
AMOUNT DISCHARGED:	
SCORE:	59
SCORE DATE:	11/22/2002
INFORMATION SOURCE:	
DNR STATUS:	REPT
CLEANUP REQUIRED:	

SOIL AFFECTED:	Y
SURFACE WATER AFFECTED:	N
NUM OF DRINKING WELLS AFFECTED:	0
GROUNDWATER AFFECTED:	N
MONITOR WELLS:	N

TASK INFORMATION

RAP

TASK ID NUMBER:	CLEANUP RESP:
ORDER COMPLETION:	ACTUAL COMPLETION:
PAYMENT DATE:	ACTUAL COST:

RA

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

SPILLS

SEARCH ID: 33 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: BELK LINDSEY
ADDRESS: 5701 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT:
SOURCE:

REV: 1/2/03
ID1: 299047284
ID2: 9047284
STATUS: CLOSED
PHONE:

TASK ID NUMBER: **CLEANUP RESP:**
ACTUAL COST: **YEARS TO COMP:**

SRC

ACTION TYPE: **SUBMIT DATE:**
REVIEW DATE: **ISSUE DATE:**
COMMENT:

SA

ID NUMBER: **CLEANUP RESP:**
COMPLETION DATE: **PAYMENT DATE:**
ACTUAL COST:

SR

ID NUMBER: **CLEANUP RESP:**
ORAL DATE: **WRITTEN DATE:**

FREE PROD REMOVAL: **SOIL REMOVAL:**
TONNAGE REMOVED: **TREATMENT:**
OTHER TREATMENT:

COMPLETION DATE: **PAYMENT DATE:**

COST:
SR ALTERNATE PROCEDURE RECEIVED DATE:
SR ALTERNATE PROCEDURE STATUS DATE:
SR COMPLETION STATUS:
SR ALTERNATE PROCEDURE COMMENT:

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 64 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

<p>NAME: NETPARK- CP SHIPS ADDRESS: 5701 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: NAT CHERRY SOURCE: FL DEP</p>	<p>REV: 1/5/11 ID1: 299807456 ID2: 9807456.00 STATUS: OPEN PHONE: (813) 621-7575</p>
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SITE INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-NOV-2000	STAT DATE:	01-NOV-2000
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	3000		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

1	C - STEEL
1	M - SPILL CONTAINMENT BUCKET
1	O - TIGHT FILL
1	P - LEVEL GAUGES/ALARMS
1	R - DOUBLE WALL - TANK JACKET

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	B - STEEL/GALVANIZED METAL
1	I - SUCTION PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 57 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: HUMANA	REV: 1/5/11
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 299810973
TAMPA FL 33610	ID2: 9810973.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: MELISSA PHIPPS	PHONE: (813) 789-2517
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-DEC-2008	STAT DATE: 01-JAN-2009
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 2000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

1	C - STEEL
1	I - DOUBLE WALL
1	M - SPILL CONTAINMENT BUCKET
1	O - TIGHT FILL
1	P - LEVEL GAUGES/ALARMS

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	I - SUCTION PIPING SYSTEM
1	Z - DEP APPROVED PIPING

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	I - CONTINUOUS ELECTRONIC SENSING
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 58 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: J C PENNEY	REV: 1/5/11
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 299101663
TAMPA FL 33610	ID2: 9101663.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: JACK BAILEY	PHONE: (813) 621-7551
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 2

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-AUG-1976	STAT DATE: 28-FEB-1988
TK STAT: A - CLOSED IN PLACE	
CAPACITY(GAL): 550	
CONTENT: L - WASTE OIL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 2	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-AUG-1976	STAT DATE: 01-FEB-1998
TK STAT: B - REMOVED	
CAPACITY(GAL): 1000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 62 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

<p>NAME: MEDCO HEALTH SOULTIONS INC ADDRESS: 5701 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: ERIC MCPHERSON SOURCE: FL DEP</p>	<p>REV: 1/5/11 ID1: 299804216 ID2: 9804216.00 STATUS: OPEN PHONE: (813) 317-2953</p>
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SITE INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-AUG-2001	STAT DATE:	01-AUG-2001
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	1200		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

1	C - STEEL
1	I - DOUBLE WALL
1	M - SPILL CONTAINMENT BUCKET
1	N - FLOW SHUT-OFF
1	O - TIGHT FILL

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	I - SUCTION PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 59 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: J C PENNEYS
ADDRESS: 5701 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT: JIM THOMPSON
SOURCE: FL DEP

REV: 1/5/11
ID1: 298733823
ID2: 8733823.00
STATUS: CLOSED
PHONE: (813) 621-7551

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1976	STAT DATE:	30-JUN-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	550		
CONTENT:	L - WASTE OIL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 63 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: NETPARK	REV: 1/5/11
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 299808208
TAMPA FL 33610	ID2: 9808208.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: NAT CHERRY	PHONE: (813) 621-7575
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-MAY-2006	STAT DATE: 01-MAY-2006
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 2000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	
1	C - STEEL
1	I - DOUBLE WALL
1	M - SPILL CONTAINMENT BUCKET
1	P - LEVEL GAUGES/ALARMS

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	A - ABV, NO SOIL CONTACT
1	I - SUCTION PIPING SYSTEM
1	N - APPROVED SYNTHETIC MATERIAL

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 69 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: PHILLIPS 66-EASTLAKE	REV: 1/5/11
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 298627495
TAMPA FL 33610	ID2: 8627495.00
HILLSBOROUGH	STATUS: CLOSED
CONTACT: JIM THOMPSON	PHONE: (813) 621-7551
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 3

FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-DEC-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 10000		
CONTENT: B - UNLEADED GAS		
PLACE: UNDERGROUND		
TYPE: A - RETAIL STATION		

TANK ID: 2	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-DEC-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 10000		
CONTENT: A - LEADED GAS		
PLACE: UNDERGROUND		
TYPE: A - RETAIL STATION		

TANK ID: 3	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-DEC-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 10000		
CONTENT: B - UNLEADED GAS		
PLACE: UNDERGROUND		
TYPE: A - RETAIL STATION		

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 44 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: BAYCARE HEALTH SYSTEM-DATA CENTER	REV: 1/5/11
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 299809214
TAMPA FL 33610	ID2: 9809214.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: MIKE JONES	PHONE: (813) 635-7696
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 4

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-MAY-2007	STAT DATE: 01-MAY-2007
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 6000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 2	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-FEB-2011	STAT DATE: 01-MAR-2011
TK STAT: U - IN SERVICE	
CAPACITY(GAL): 6000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 3	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-FEB-2011	STAT DATE: 01-APR-2011
TK STAT: D - DELETED	
CAPACITY(GAL): 6000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 4	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-FEB-2011	STAT DATE: 25-MAR-2011
TK STAT: X	
CAPACITY(GAL): 2000	
CONTENT: G - EMERG GENERATOR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

1 C - STEEL

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 44 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

<p>NAME: BAYCARE HEALTH SYSTEM-DATA CENTER ADDRESS: 5701 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: MIKE JONES SOURCE: FL DEP</p>	<p>REV: 1/5/11 ID1: 299809214 ID2: 9809214.00 STATUS: OPEN PHONE: (813) 635-7696</p>
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- | | |
|---|-------------------------------|
| 1 | M - SPILL CONTAINMENT BUCKET |
| 1 | N - FLOW SHUT-OFF |
| 1 | O - TIGHT FILL |
| 1 | P - LEVEL GAUGES/ALARMS |
| 1 | R - DOUBLE WALL - TANK JACKET |
| 2 | C - STEEL |
| 2 | M - SPILL CONTAINMENT BUCKET |
| 2 | N - FLOW SHUT-OFF |
| 2 | P - LEVEL GAUGES/ALARMS |
| 2 | R - DOUBLE WALL - TANK JACKET |

PIPING INFORMATION

- | <u>TANK ID:</u> | <u>DESCRIPTION:</u> |
|-----------------|---------------------------------|
| 1 | A - ABV, NO SOIL CONTACT |
| 1 | B - STEEL/GALVANIZED METAL |
| 1 | I - SUCTION PIPING SYSTEM |
| 2 | A - ABV, NO SOIL CONTACT |
| 2 | B - STEEL/GALVANIZED METAL |
| 2 | D - EXTERNAL PROTECTIVE COATING |
| 2 | I - SUCTION PIPING SYSTEM |

MONITORING INFORMATION

- | <u>TANK ID:</u> | <u>DESCRIPTION:</u> |
|-----------------|-----------------------------------|
| 1 | 1 - CONTINUOUS ELECTRONIC SENSING |
| 1 | Q - VISUAL INSPECTION OF ASTS |
| 1 | R - MONITOR TANK BOTTOM SPACE |
| 2 | F - MONITOR DBL WALL TANK SPACE |
| 2 | Q - VISUAL INSPECTION OF ASTS |
| 2 | R - MONITOR TANK BOTTOM SPACE |

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 81 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: VERIZON WIRELESS-TAMPA CALL CTR	REV: 1/5/11
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 298625684
TAMPA FL 33610	ID2: 8625684.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: PAT DINGELS DARROCH	PHONE: (678) 339-8025
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 5

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUN-1976	STAT DATE:
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: A - LEADED GAS	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 2	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUN-1976	STAT DATE:
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 3	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUN-1976	STAT DATE:
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: B - UNLEADED GAS	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 4	STATUS: OPEN
TVI: TANK	DEP CO: NO
INSTALLED: 01-JUN-1976	STAT DATE: 31-OCT-1992
TK STAT: B - REMOVED	
CAPACITY(GAL): 1000	
CONTENT: L - WASTE OIL	
PLACE: UNDERGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 5	STATUS: OPEN
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Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 81 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: VERIZON WIRELESS-TAMPA CALL CTR	REV: 1/5/11
ADDRESS: 5701 E HILLSBOROUGH AVE	ID1: 298625684
TAMPA FL 33610	ID2: 8625684.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: PAT DINGELS DARROCH	PHONE: (678) 339-8025
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUN-2000	STAT DATE:	01-JUN-2000
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	1000		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		
5	C - STEEL		
5	M - SPILL CONTAINMENT BUCKET		
5	P - LEVEL GAUGES/ALARMS		
5	R - DOUBLE WALL - TANK JACKET		

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
5	A - ABV, NO SOIL CONTACT
5	B - STEEL/GALVANIZED METAL
5	I - SUCTION PIPING SYSTEM

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
5	F - MONITOR DBL WALL TANK SPACE
5	Q - VISUAL INSPECTION OF ASTS

Environmental FirstSearch
Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 45 **DIST/DIR:** 0.03 SW **ELEVATION:** 50 **MAP ID:** 24

NAME: BELK LINDSEY
ADDRESS: 5701 E HILLSBOROUGH AVE
TAMPA FL 33610
HILLSBOROUGH
CONTACT: J ANDERSON
SOURCE: FL DEP

REV: 1/5/11
ID1: 299047284
ID2: 9047284.00
STATUS: CLOSED
PHONE: (813) 621-9421

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-FEB-1976	STAT DATE:	30-JUN-1992
TK STAT:	B - REMOVED		
CAPACITY(GAL):	250		
CONTENT:	G - EMERG GENERATOR DIESEL		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 47 **DIST/DIR:** 0.03 SW **ELEVATION:** 56 **MAP ID:** 23

<p>NAME: BP-HILLSBOROUGH 324 ADDRESS: 5601 E HILLSBOROUGH AVE TAMPA FL 33610 HILLSBOROUGH CONTACT: RICK HERWEH SOURCE:</p>	<p>REV: 1/5/11 ID1: 298521238 ID2: 8521238.00 STATUS: OPEN PHONE: PHY ADDRESS: 1201 O</p>
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SITE INFORMATION

TOTAL NUMBER OF TANKS: 11

FACILITY TYPE: A - RETAIL STATION
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAR-1968	STAT DATE:	31-MAY-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	1R1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-1987	STAT DATE:	01-MAY-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	2	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAR-1968	STAT DATE:	31-MAY-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	2R1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-1987	STAT DATE:	01-MAY-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	3	STATUS:	OPEN
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Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 47 **DIST/DIR:** 0.03 SW **ELEVATION:** 56 **MAP ID:** 23

NAME: BP-HILLSBOROUGH 324	REV: 1/5/11
ADDRESS: 5601 E HILLSBOROUGH AVE	ID1: 298521238
TAMPA FL 33610	ID2: 8521238.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: RICK HERWEH	PHONE: PHY ADDRESS: 1201 O
SOURCE:	

TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAR-1968	STAT DATE:	31-MAY-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	3R1	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-1987	STAT DATE:	01-MAY-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	4	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAR-1968	STAT DATE:	31-MAY-1987
TK STAT:	B - REMOVED		
CAPACITY(GAL):	4000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	5	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-1987	STAT DATE:	05-OCT-2001
TK STAT:	B - REMOVED		
CAPACITY(GAL):	500		
CONTENT:	L - WASTE OIL		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	6	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-2001	STAT DATE:	01-MAY-2001
TK STAT:	U - IN SERVICE		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	A - RETAIL STATION		

TANK ID:	7	STATUS:	OPEN
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAY-2001	STAT DATE:	01-MAY-2001
TK STAT:	U - IN SERVICE		

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

UST

SEARCH ID: 47 **DIST/DIR:** 0.03 SW **ELEVATION:** 56 **MAP ID:** 23

NAME: BP-HILLSBOROUGH 324	REV: 1/5/11
ADDRESS: 5601 E HILLSBOROUGH AVE	ID1: 298521238
TAMPA FL 33610	ID2: 8521238.00
HILLSBOROUGH	STATUS: OPEN
CONTACT: RICK HERWEH	PHONE: PHY ADDRESS: 1201 O
SOURCE:	

CAPACITY(GAL): 10000
CONTENT: B - UNLEADED GAS
PLACE: UNDERGROUND
TYPE: A - RETAIL STATION

TANK ID: 8	STATUS: OPEN	
TVI: TANK	DEP CO: NO	
INSTALLED: 01-MAY-2001	STAT DATE: 01-MAY-2001	
TK STAT: U - IN SERVICE		
CAPACITY(GAL): 10000		
CONTENT: B - UNLEADED GAS		
PLACE: UNDERGROUND		
TYPE: A - RETAIL STATION		

- 6 F - FIBERGLASS CLAD STEEL
- 6 I - DOUBLE WALL
- 6 M - SPILL CONTAINMENT BUCKET
- 6 N - FLOW SHUT-OFF
- 6 O - TIGHT FILL
- 7 F - FIBERGLASS CLAD STEEL
- 7 I - DOUBLE WALL
- 7 M - SPILL CONTAINMENT BUCKET
- 7 N - FLOW SHUT-OFF
- 7 O - TIGHT FILL
- 8 F - FIBERGLASS CLAD STEEL
- 8 I - DOUBLE WALL
- 8 M - SPILL CONTAINMENT BUCKET
- 8 N - FLOW SHUT-OFF
- 8 O - TIGHT FILL

PIPING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
6	J - PRESSURIZED PIPING SYSTEM
6	K - DISPENSER LINERS
6	M - DOUBLE WALL - PIPE JACKET
6	N - APPROVED SYNTHETIC MATERIAL
7	J - PRESSURIZED PIPING SYSTEM
7	K - DISPENSER LINERS
7	M - DOUBLE WALL - PIPE JACKET
7	N - APPROVED SYNTHETIC MATERIAL
8	J - PRESSURIZED PIPING SYSTEM
8	K - DISPENSER LINERS
8	M - DOUBLE WALL - PIPE JACKET
8	N - APPROVED SYNTHETIC MATERIAL

MONITORING INFORMATION

<u>TANK ID:</u>	<u>DESCRIPTION:</u>
------------------------	----------------------------

- More Details Exist For This Site; Max Page Limit Reached -

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

NFRAP – No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W – Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: BIA INDIAN LANDS AND NATIVE ENTITIES IN FLORIDA - database of American Indian reservations in Florida.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: FL DER/DEP/EPA FLORIDA SITES LIST - database of identified facilities and/or locations that the Florida Department of Environmental Regulation has recognized with potential or existing environmental contamination.

SUPERFUND HAZARDOUS WASTE SITES- database that correlates to the NPL list and includes active, delisted, and Federal sites.

State Spills 90: FDEP PETROLEUM CONTAMINATION AND CLEANUP REPORTS - database of

contaminated facility reports provide the Facility ID, Facility Type, Score, Rank, Operator Information, and Owner Information, for facilities that currently have contamination

State/Tribal SWL: *FDEP* SOLID WASTE FACILITIES LIST - database concerned with the handling of waste and includes locations identified with solid waste landfilling or associated activities involving the handling of solid waste. The presence of a site on this list does not necessarily indicate existing environmental contamination, but rather the potential. The FDEP assigns scores to the sites based on the threat to human health and the environment. The Rank is determined by the site's Score and reflects the state's priority for remedial action on that site. Typically, the lower the Rank value, the greater the priority for remedial action from the state.

State/Tribal LUST: *FDEP* LEAKING UNDERGROUND STORAGE TANKS LIST - database of petroleum storage tank systems that have reported the possible release of contaminants. Included within this list are sites that are in the Florida Early Detection Incentive (EDI) Program, the Abandoned Tank Restoration Program (ATRP) and the Petroleum Liability Insurance Restoration Program (PLIRP). These programs support remedial action or reimbursement for those sites with environmental problems due to leaking fuel storage tanks. Some sites listed in the report have not yet been accepted in these programs.

State/Tribal UST/AST: *FDEP/EPA* STORAGE TANK AND CONTAMINATION MONITORING DATABASE - Database of all storage tank facilities registered with the Department and tracked for active storage tanks, storage tank history, or petroleum cleanup activity. Information includes facility identification number, site location information, and basic storage tank information such as size, placement, substance stored, installation date and current tank status.

TRIBAL LAND UNDERGROUND STORAGE TANKS - database of underground storage tanks that are reported to be on Native American lands. These sites are reported to the region 4 office of the EPA by the local tribal governments. The sites can be identified by their ID: NL-FL- number.

State/Tribal EC: *FDEP* INSTITUTIONAL CONTROLS REGISTRY DATABASE Subset- database of sites that have institutional controls and engineering controls was developed to assist with tracking those properties upon which an institutional control has been imposed pursuant to the provisions contained in Chapters 376 or 403, F.S. For Brownfield sites the ICR has been prepared for the public and local governments to monitor the status of those controls.

State/Tribal IC: *FDEP* INSTITUTIONAL CONTROLS REGISTRY DATABASE - database of institutional controls was developed to assist with tracking those properties upon which an institutional control has been imposed pursuant to the provisions contained in Chapters 376 or 403, F.S. For Brownfield sites the ICR has been prepared for the public and local governments to monitor the status of those controls.

State/Tribal VCP: *FL DEP* VOLUNTARY CLEANUP PROGRAM- A static state wide database of sites that have or may receive a tax credit. Tax credits are issued based on a percentage of the costs of "voluntary" cleanup. In other words, the person conducting cleanup is paying for it rather than the site being cleaned up using state funding through the Drycleaning Solvent Cleanup Program. The following three types of sites may be eligible for tax credits: (1) A drycleaning solvent contaminated site eligible for state-funded site rehabilitation under s. 376.3078(3), F.S.; (2) A drycleaning solvent contaminated site at which cleanup is undertaken by the real property owner pursuant to s. 376.3078(10), F.S., if the real property owner is not also, and has never been, the owner or operator of the drycleaning facility where the contamination exists; or (3) A brownfield site in a designated brownfield area under s. 376.80, F.S.

State/Tribal Brownfields: *FDEP* BROWNFIELDS REDEVELOPMENT PROGRAM DATABASE- database of reports generated from the Brownfield Access Database which tracks the number of designated Brownfield areas, executed Brownfield site rehabilitation agreements, state and federal programs funding, and local Brownfield coordinators' contact information

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Other: *FDEP* SINKHOLES - database of sinkholes from the Florida Geological Survey Sinkholes. DRYCLEANERS LIST - database of dry cleaning facilities registered with the Department. Information includes facility identification number, site location information, related party (owner) information, and facility type and status. Data is taken from the Storage Tank & Contamination Monitoring database, the registration

repository of dry cleaner facility data.

CATTLE DIPPING VATS - database of vats that were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides such as DDT were also widely used. This is a static list from 1910 through 1950s.

State Other: *US DOJ* NATIONAL CLANDESTINE LABORATORY REGISTER - Database of addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Dry Cleaners: *FDEP* DRYCLEANERS LIST - database of dry cleaning facilities registered with the Department. Information includes facility identification number, site location information, related party (owner) information, and facility type and status. Data is taken from the Storage Tank & Contamination Monitoring database, the registration repository of dry cleaner facility data.

Environmental FirstSearch Database Sources

NPL: *EPA* Environmental Protection Agency

Updated quarterly

NPL DELISTED: *EPA* Environmental Protection Agency

Updated quarterly

CERCLIS: *EPA* Environmental Protection Agency

Updated quarterly

NFRAP: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA TSD: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA GEN: *EPA/MA DEP/CT DEP* Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

ERNS: *EPA/NRC* Environmental Protection Agency

Updated annually

Tribal Lands: *BIA* Bureau of Indian Affairs

Updated when available

Tribal Lands: *DOI/BIA* United States Department of the Interior

Updated annually

State/Tribal Sites: *FL DER/DEP/EPA* Florida Department of Environmental Protection, Bureau of Waste Cleanup

Updated quarterly

State Spills 90: FDEP Florida Department of Environmental Protect

Updated quarterly

State/Tribal SWL: FDEP Florida Department of Environmental Protection

Updated annually

State/Tribal LUST: FDEP Florida Department of Environmental Protection

Updated quarterly

State/Tribal UST/AST: FDEP/EPA Florida Department of Environmental Protection

Updated quarterly

State/Tribal EC: FDEP Florida Department of Environmental Protect

Updated quarterly

State/Tribal IC: FDEP Florida Department of Environmental Protect

Updated quarterly

State/Tribal VCP: FL DEP Florida Department of Environmental Protection

Updated no longer available

State/Tribal Brownfields: FDEP The Florida Department of Environmental Protection, Division of Waste Management.

Updated quarterly

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

State Other: FDEP Florida Department of Environmental Protection Storage Tank & Contamination Monitoring.
Florida Department of Environmental Protection Cattle Dipping Vats

Updated quarterly

State Other: US DOJ U.S. Department of Justice

Updated when available

Dry Cleaners: *FDEP* Florida Department of Environmental Protection Storage Tank & Contamination Monitoring.

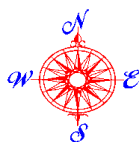
Updated quarterly

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: HILLSBOROUGH AVE
TAMPA FL 33610

JOB: 5067733-9

Street Name	Dist/Dir	Street Name	Dist/Dir
Ansley Cir	0.11 SE	N 48th St	0.14 NW
Bonacker Dr	0.08 NE	N 50th St	0.00 --
Boran Dr	0.16 NW	N 53rd St	0.25 NW
Cone Rd	0.25 SE	N 56th St	0.00 --
Darin Ct	0.14 SW	N 59th St	0.01 NW
Deleuil Ave	0.20 NE	N Schipman Ct	0.22 NW
E Comanche Ave	0.13 NE	Orient Rd	0.00 --
E Giddens Ave	0.07 SW	Parke East Blvd	0.24 NE
E Henry Ave	0.25 N-	Phlox St	0.09 SW
E Hillsborough Ave	0.00 --	Rainbow Tr Pk	0.12 SW
E Mohawk Ave	0.07 NE	Rose Ln	0.07 SW
E Powhatan Ave	0.21 NE	Schipman Ct	0.19 NW
E Shadowlawn St	0.13 SE	Shadowlawn Ave	0.03 SE
Harney Rd	0.00 --	Spencer Cir	0.20 SE
Hila Ct	0.17 SW	St Charles Pl	0.10 SE
I-4	0.03 SE	Staley Dr	0.01 NE
Kingsbury Cir	0.10 SE	Thrasher Dr	0.10 SE
Kyra Ct	0.14 SW	Travis Blvd	0.10 SE
Le Tourneau Cir	0.13 SE	Vinson Dr	0.10 SW
Lenox Dr	0.01 NW	Violet Dr	0.02 SW
Lilac Dr	0.05 SW	Walton Way	0.00 --
Lyle Dr	0.14 SW	Zemeis Dr	0.13 NE
N 47th St	0.24 NW		

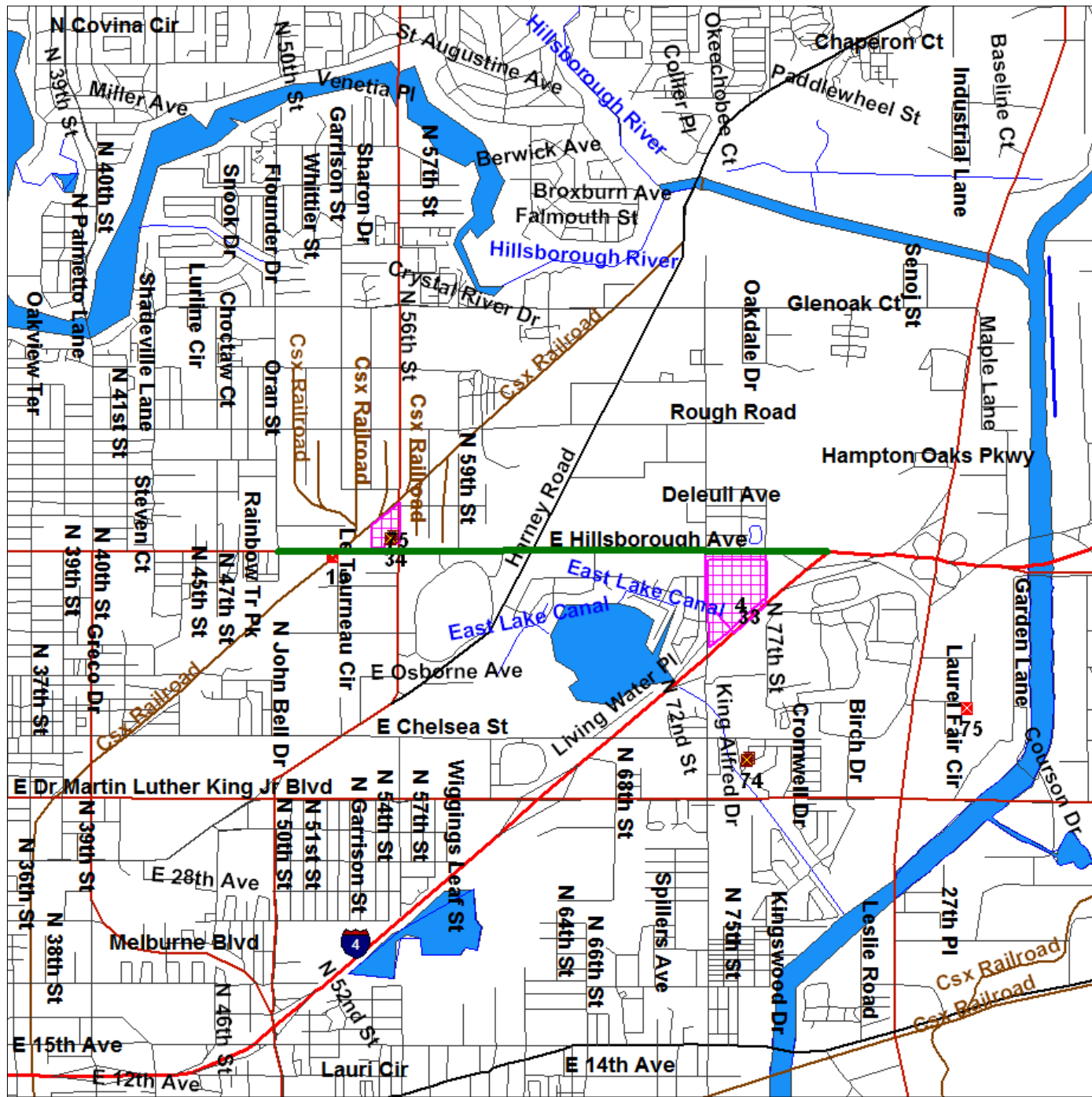


Environmental FirstSearch

1 Mile Radius from Line
ASTM Map: NPL RCACOR STATE Sites

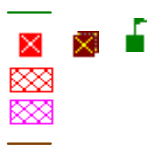


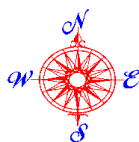
I S R T P F 3361



Source: 2005 U.S. Census TIGER Files

- Linear Search Line
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Railroads



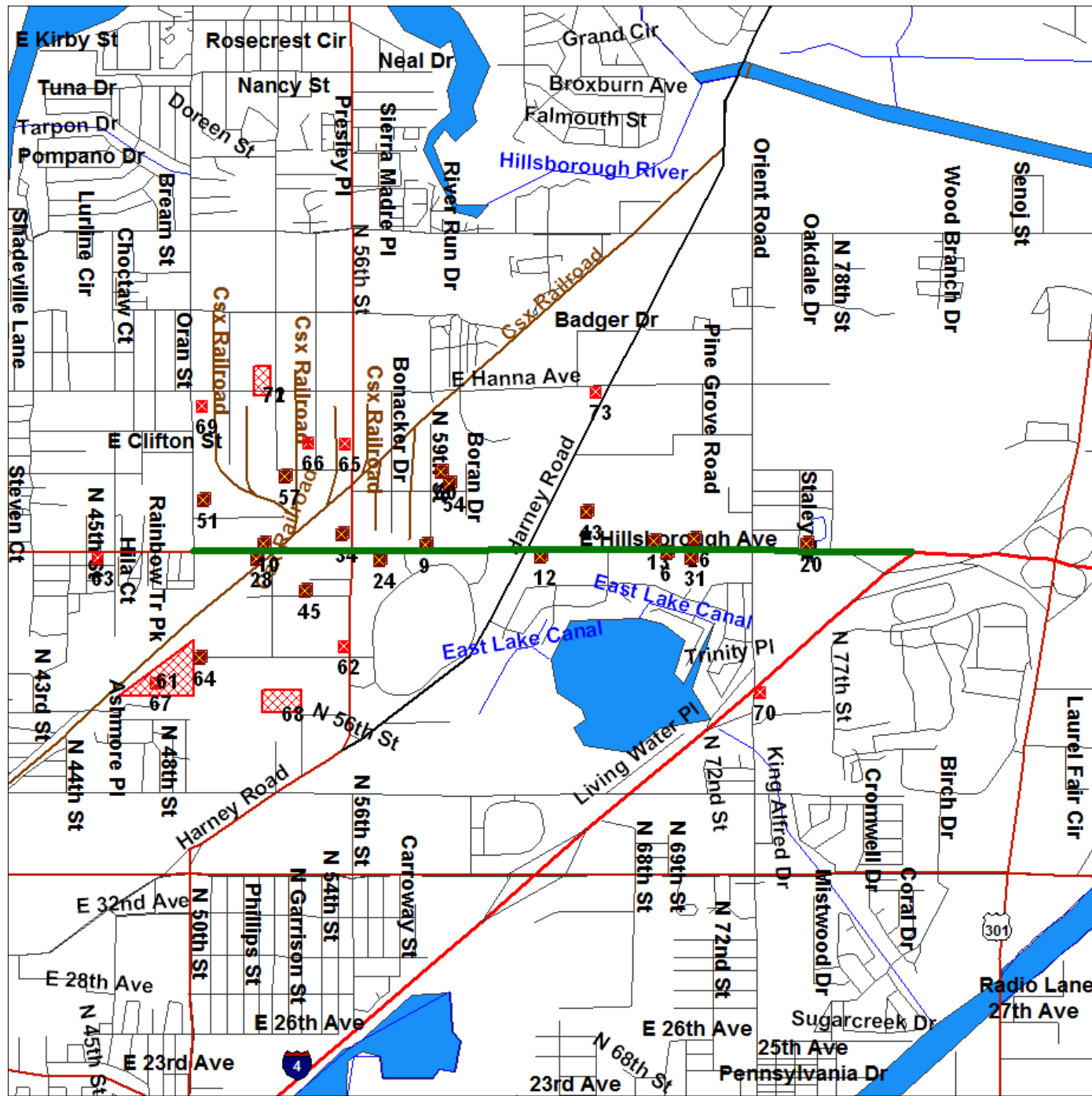


Environmental FirstSearch

.5 Mile Radius from Line
ASTM Map: CERCLIS RCRATSD LUST SWL

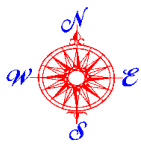


I S R T P F 3361



Source: 2005 U.S. Census TIGER Files

- Linear Search Line
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Railroads

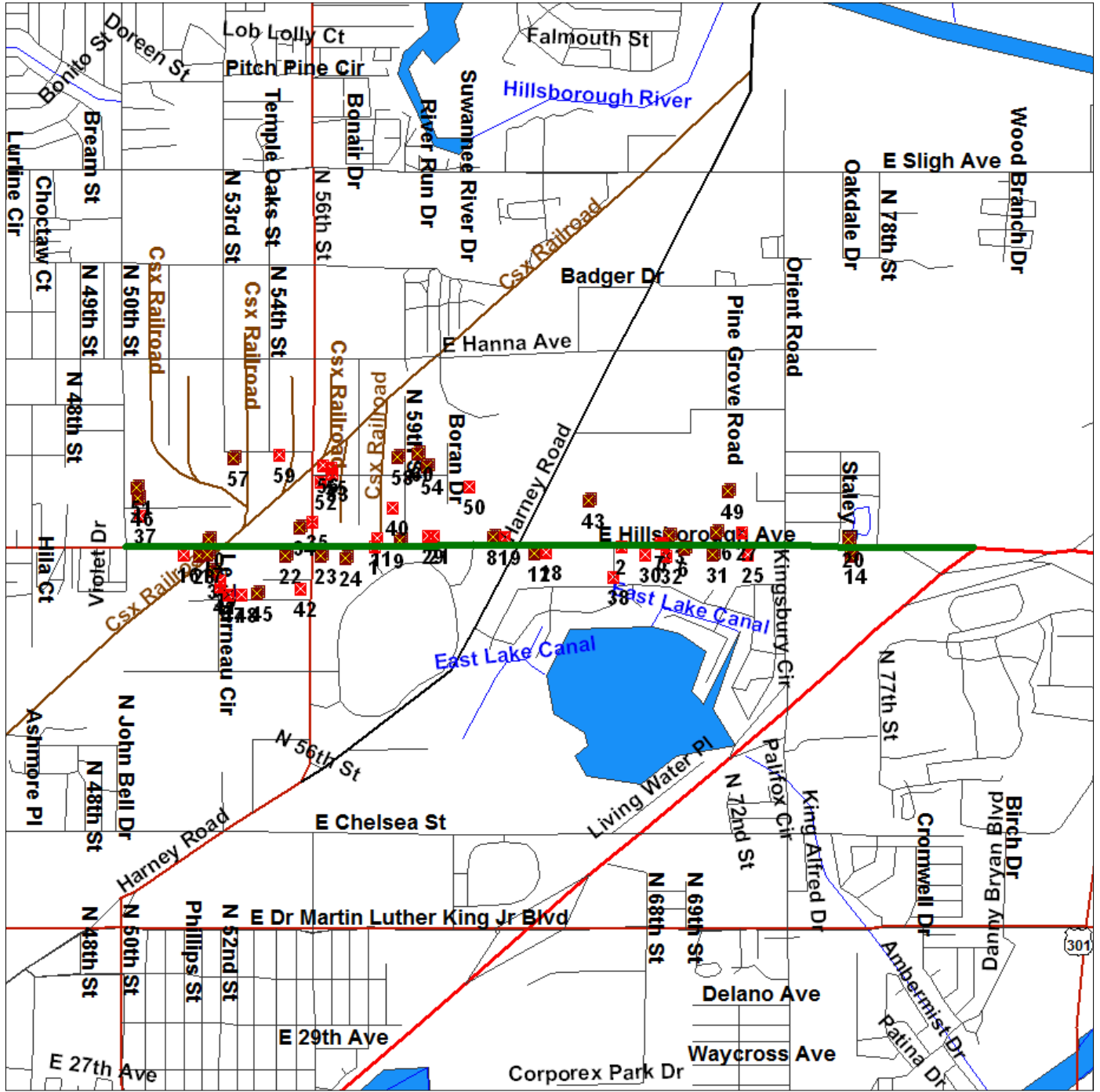


Environmental FirstSearch

.25 Mile Radius from Line
 ASTM Map: RC RAGEN ERNS UST FED IC/EC METH LABS



I S R T P F 3361



Source: 2005 U.S. Census TIGER Files

- Linear Search Line
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Railroads

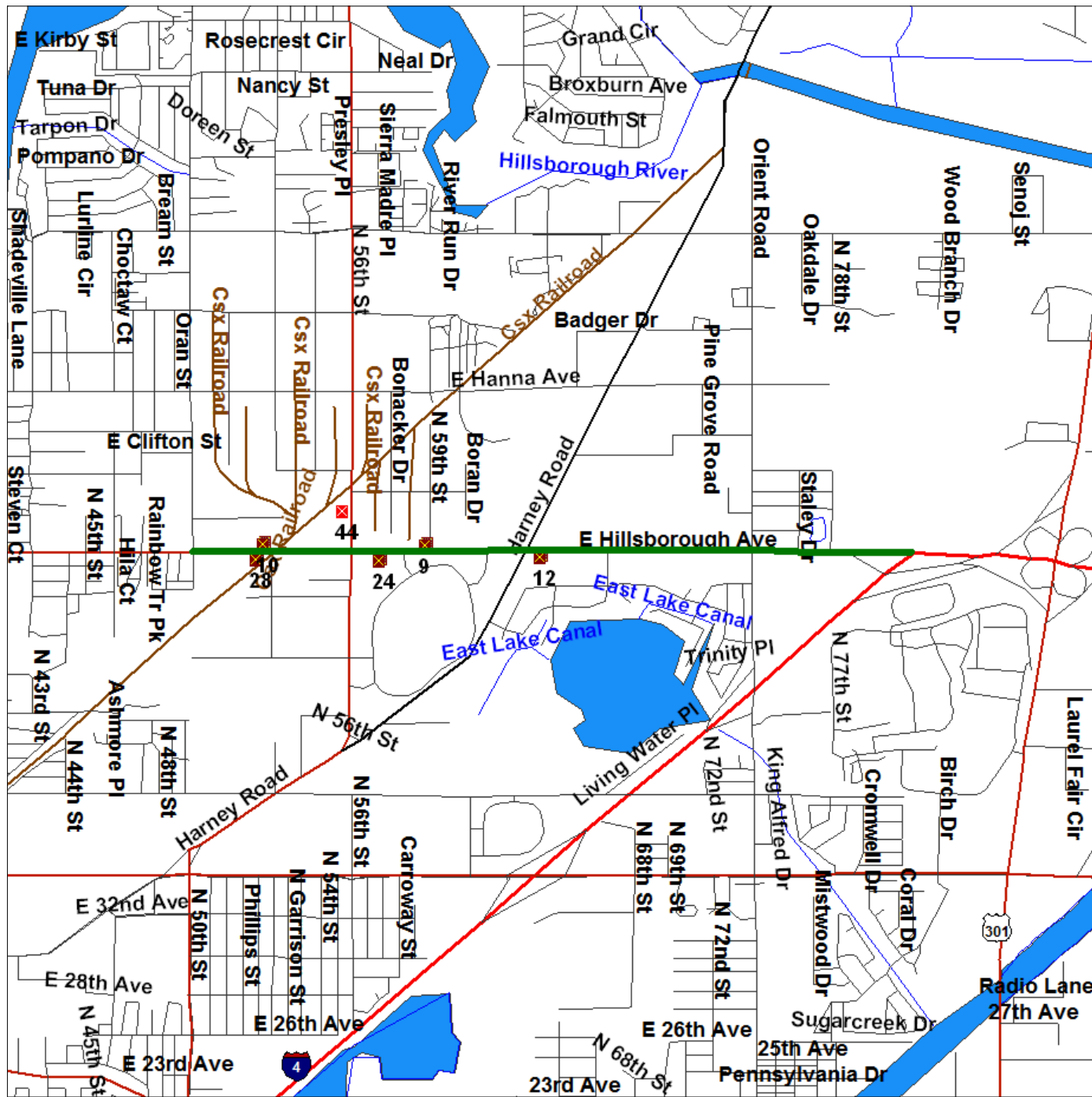


Environmental FirstSearch

.5 Mile Radius from Line
Non-ASTM Map: Spills 90 Other Brownfield



I S R T P F 3361



Source: 2005 U.S. Census TIGER Files

Linear Search Line	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
National Historic Sites and Landmark Sites	
Railroads	

APPENDIX I

*Contamination Site
Photographs*



Site 1 – L&J Transport



Site 2 – NetPark



Site 3 – Cummins Southeastern Power



Site 4 – Fred Berger Trustee (FL Wrecker Sales)



Site 5 – Suncoast Schools Federal Credit Union



Site 6 – Mobil Orient 129



Site 7 – Circle K #8532



Site 8 – Chevron Seminole 181



Site 9 – Marathon 453 (Formerly Exxon 40146)



Site 10 – Hillsborough BP #324



Site 11 – Tri W Rental (Abundant Love Worship Center)



Site 12 – Cribbs and Rios Autobody



Site 13 – American Trailers/Performance Ford



Site 14 – Uncle Willies Sandwich Shop/Citgo Station



Site 15 – House of Prayer (Formerly Avis Rent-a-Car)



Site 16 – Suncoast Schools Federal Credit Union



Site 17 – Suncoast Schools Federal Credit Union



Site 18 – Suncoast Schools Federal Credit Union



Site 19 – Suncoast Schools Federal Credit Union



Site 20 – Dealer's Wholesale Outlet



Site 21 – AdStaff Inc



Site 22 – Tampa Diesel Service



Site 23 – Steward-Mellon Inc



Site 24 – Tamco



Site 25 – Averitt Express

APPENDIX J

*Contamination Site
Support Documentation*

Site 2 – Belk

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SCANNED DOCUMENT

SCORE TRACKING SHEET

Facility ID 299047284 Discharge Date 10/10/92
Site Name Belle Lumber Old Score 0
Type File: Score _____ Rescore _____ Requested By: W. J. Miller

	Date	Initials		STB Discharge #
1	12/22/02	AJ	Scoring Packet Received by STB	1
2	10/22/02	AJ	Well Survey Checked/Requested	

Owner Verification Needed? : _____ Yes _____ No, go to # 8

3			Written Request to DEP for courthouse check
4			Written Approval received from DEP
5			Assigned to STB Field Office for Owner Verification Branch Location _____
6			Verification Received from STB Field Office
7			DEP Database Updated with Correct Owner Information
8	11/22/02	AJ	All Information Received for Scoring
9	11/22/02	AJ	Scored with PCT Updated & Letter Printed
10	11/22/02	AJ	Letter Mailed & Packet sent to STB Scanning

Letter Type (Circle One)

- A = Low Score, No CDF
- B = High Score, CDF Requested
- C = PCPP High, CDF Requested

New Score

59

(Date CDF requested must be transferred to CDF list)

11			Scanned
12			Indexed

Number of Pages:

5

13

NOTES

Site Priority Ranking Sheet

Facility #: 269047284
 Site Name: Belle Lindsay
 Site Address: 5701 E Hillborough Ave
 Latitude: 27 59 39 Longitude: 82 23 22 *gust 00*
 Discharge Date: 6/10/92 *11/22/02*

Criteria: Yes No Points

Fire/Explosion Hazard:

- | | | | |
|--|-------|--------------|--------------|
| 1. Free product or volatilized petroleum products at or above 20% of the Lower Explosive Limit (LEL) in existing utility conduits or vaults, buildings or other inhabited confined spaces (60 points). | _____ | <u> / </u> | <u> 0 </u> |
| 2. Ignitable free product on surface waters or impoundments (60 points). | _____ | <u> / </u> | <u> 0 </u> |

Threat to Uncontaminated Drinking Water Supplies:

- | | | | |
|--|-------|-------|---------------|
| 1. Uncontaminated municipal or community well fields of greater than 100,000 gallons per day permitted capacity with a well within 1/2 mile of the site (30 points). | _____ | _____ | <u> 30 </u> |
|--|-------|-------|---------------|

SI DWDB HRS
 Y 1/15/02

PWS 6290497

- Additionally:
- | | | | |
|---|-------|--------------|--------------|
| a. If the well field's 1 foot draw down contour is known to encompass the site regardless of the well field's distance from the site (20 points). | _____ | _____ | _____ |
| or | | | |
| b. If the well field is located down gradient of the site (15 points). | _____ | <u> / </u> | <u> 0 </u> |
| 2. Uncontaminated private wells constructed prior to date of contamination discovery, or uncontaminated public water system well field with less than 100,000 gallons per day permitted capacity with a well within 1/4 mile of the site (20 points). | _____ | <u> / </u> | <u> 0 </u> |

SI DWDB HRS
 N N

- Additionally:
- | | | | |
|---|-------|--------------|--------------|
| a. If the well field's 1 foot draw down contour is known to encompass the site regardless of the well field's distance from the site (10 points). | _____ | <u> / </u> | <u> 0 </u> |
| or | | | |
| b. If the well field is located down gradient of the site (5 points). | _____ | <u> / </u> | <u> 0 </u> |
| 3. Uncontaminated surface water body used as a public water system supply within 1/2 mile of the site (10 points). | _____ | <u> / </u> | <u> 0 </u> |

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Site 4 – Fred Berger

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SITE MANAGER SUMMARY REPORT

Facility ID# 298842286
Facility Name: Berger Fred Trustee
Facility Address: 6301 E Hillsborough Ave
Tampa

Discharge 1

Lead Agency: LP
Score: No score
Technical Status NFA

A discharge reporting form was submitted 4/95 in response to contamination discovered by soil boring and visual inspection during a Phase II Environmental Investigation that involved three areas on the property. The three areas of concern were the former waste oil UST area, the former gasoline UST area and the floor drain/concrete sump/sump discharge area. An IRA was completed 5/95 where approximately 80 tons of excessively contaminated soils were removed. The assessment was initiated 7/95 and finalized 10/95. The discharge was granted No Further Action status 10/17/95.

LCAR Needed No Eligibility Info
Discharge Date: 4/7/95
Program: No Program
Eligibility Status: No Eligibility Info Available
Determination Date:
Discharge Combined: No
Funding Cap: NA
Deductible Amount: NA
Deductible Paid: NA

AMOUNT SPENT

State Cleanup	NA
Utility Invoices	NA
NPDES Permits	NA
Reimbursement	NA
Preapproval	NA

CAP AMOUNT REMAINING NA

SEE ATTACHED STCM REPORT SCREEN

REVIEWED BY York STB, Inc.
REVIEWER Kristin Kelly
DATE 10/21/04

Task Report Information										
Del. #	W.O #	Co.	Facility	Discharge Date	Task Name	Report Type	Due Date	Received	Status	Comment & Date
		28	8842286	08/21/1995	SA	SAR		08/21/1995	I	08/30/1995
		28	8842286	08/21/1995	SA	SARA	08/29/1995	08/29/1995	A	10/04/1995
		28	8842286	08/21/1995	SA	SARA		10/02/1995	A	10/17/1995

Tab to "Comment", then press (Ctrl+E) to enter Comments

Chapter 62 770 Source Removal Task Information

Facility	29	3042286	Name:	BERGER FRED TRUSTEE	Tracking Number
Discharge Date	08/21/1995			5301 E HILLSBOROUGH AVE	
Combined With			TAMPA	FL	33618
Discharge	1	of	1		
Cleanup Responsible	RP	Funding Eligibility Type		Actual Cost	
				Completion Date	
					Payment Date
Source Removal Notification					
Oral Date		Soil Removal	<input checked="" type="checkbox"/>	Soil Treatment	<input type="checkbox"/>
Written Date	08/21/1995	Free Product Removal	<input type="checkbox"/>	Other Treatment	<input type="checkbox"/>
		Soil Tonnage Removed	00		
Alternative Procedure					
Received		Status & Date		Explanation / Comments	

Document Request Form

Person Requesting Kristin Kelly

Date Requested 8/4/04

Facility ID# 298842286 Facility Name Berger Fred Trustee

Document Requested IRA 8/31/95 7pgs/ **Date** 10/21

REPORT:

SAR 8/21/95 143pgs ✓
SARA 8/29/95 15pgs ✓

LETTERS: SARA 10/2/95 65pgs ✓

****Please send ALL documents that can be found. There is no information in**

OCULUS.** SARA approval 10/4/95 1pg ✓

SAR review comments 8/30/95 2pgs ✓

NFA approval 10/17/95 3pgs ✓

Approval letter 10/4/95 1pg ✓

Site 5 – SCFCU

(This page intentionally left blank)



1310 Cross Creek Circle
Suite B
Tallahassee, FL 32301-3728




Petroleum Cleanup Program
Division of Waste Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Facility Locations - Comparison of DEP and DOH Data

Distance between DOH and DEP locations (ft.

DEP Data



DEP Facility ID

DESCRIPTION: STATUS

NAME:

ADDRESS1:

CITY:

ZIP5: COUNTY:

OPERATOR:

DEP Longitude

DEP Latitude

DEP location method

Collection Date

Reference

Facility Cleanup Status Status Effective Date

LAST_PBC_Report

LAST_SA_Report


LAST_RAP_Report

LAST_RA_Report

_LAST_PBC_Report

Number_discharges CURRENT_SCORE

DOH Data



DOH Facility ID

Facility Name:

STREET:

CITY:

ZIPCODE:

Type of Facility

DOH Longitude

DOH Latitude

DOH location method

DOH GPS Date

Selection Criteria

Fac_ID DOH CORRECT DEP CORRECT OTHER CORRECT

correct latitude NO CORRECT

correct longitude Incorrect Facility ID





















Vehicular Spill Deliverable completed

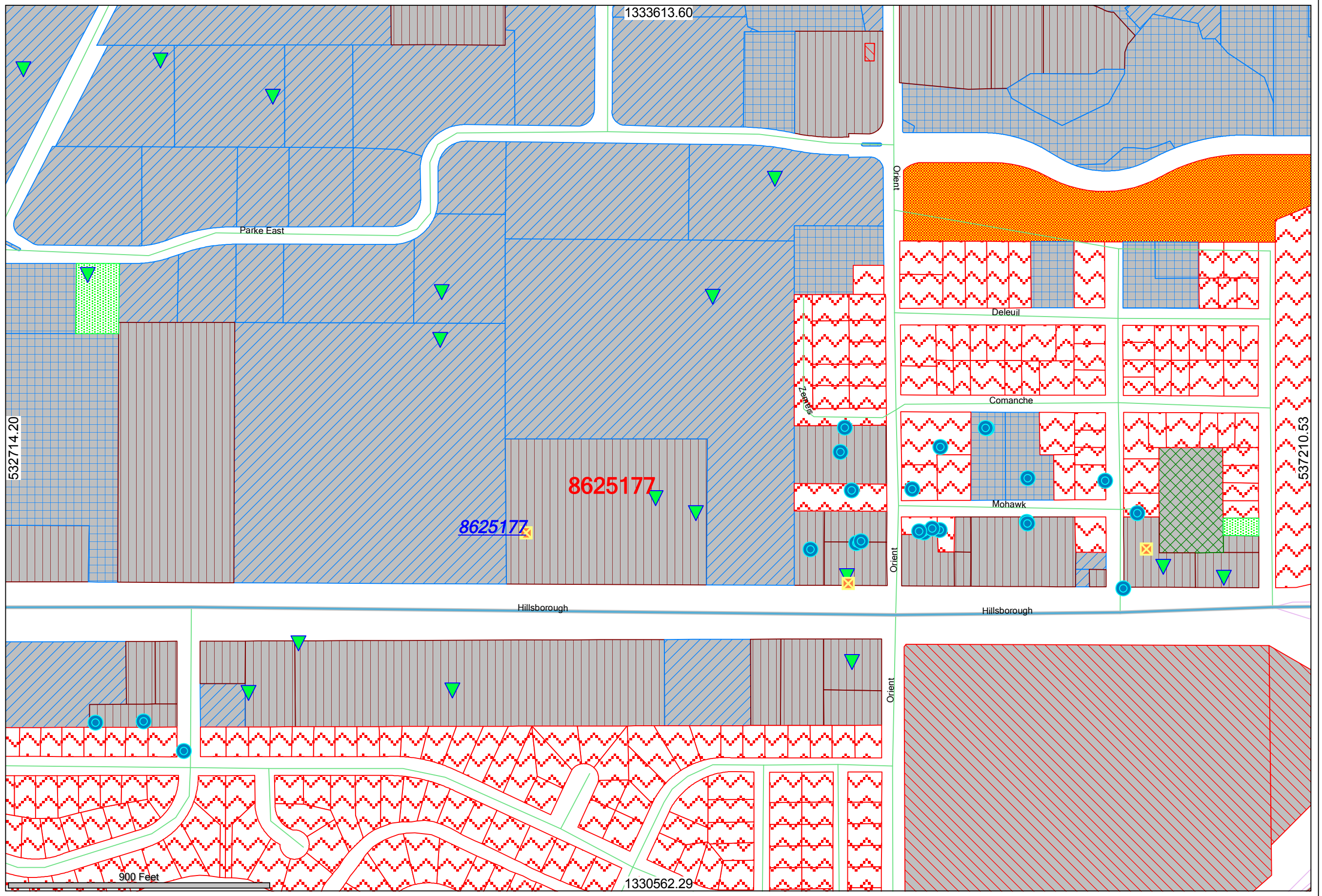
Selection Based on OCULUS Documents
 Insufficient OCULUS Documentation
 Selection Based on Address

Both points are on the same parcel, but neither point is at the former UST location. This site has been significantly redeveloped. Historic aeriels are included for clarification.

Are any Locations in Gulf?:

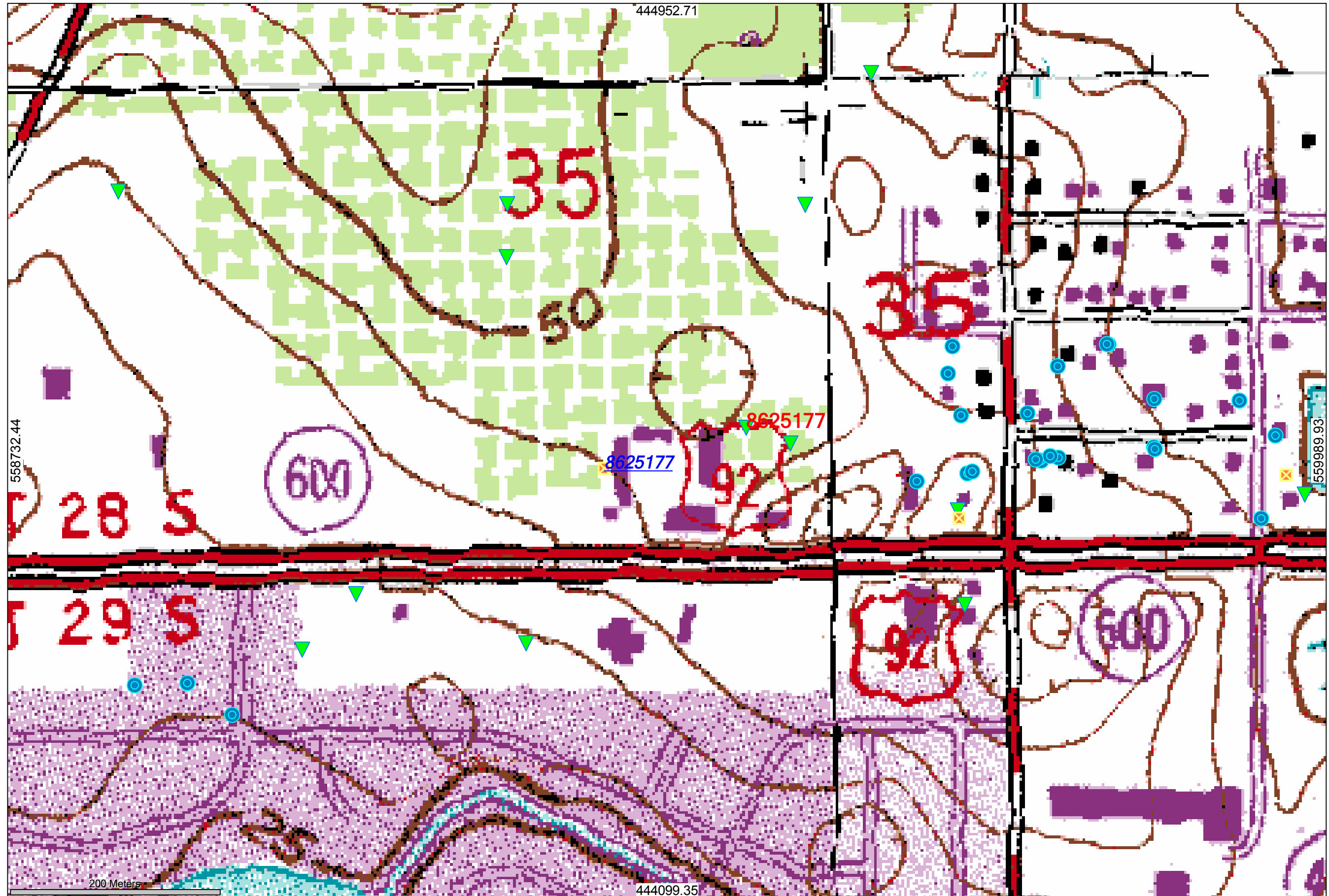
County

-  DOH_facilities.shp
-  STCMfacilites.shp
-  Wells.shp
- roads06.shp**
 -  Interstate
 -  Local
 -  Primary
 -  Secondary
 -  Special/cloverleaf/round
 -  Trail
 -  Walkway/Alley
- Hillsborough.shp**
 -  ACREAGE NON AGRIC
 -  AGRICULTURAL
 -  CENTRALLY ASSESSI
 -  COMMERCIAL
 -  GOVERNMENT
 -  INDUSTRIAL
 -  INSTITUTIONAL
 -  Miscellaneous
 -  RESIDENTIAL
 -  Unknown



view 1

-  dohfac.shp
-  stcmfac.shp
-  wells.shp



Search Results

Storage Tanks
292 total

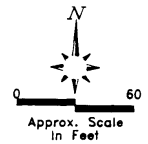
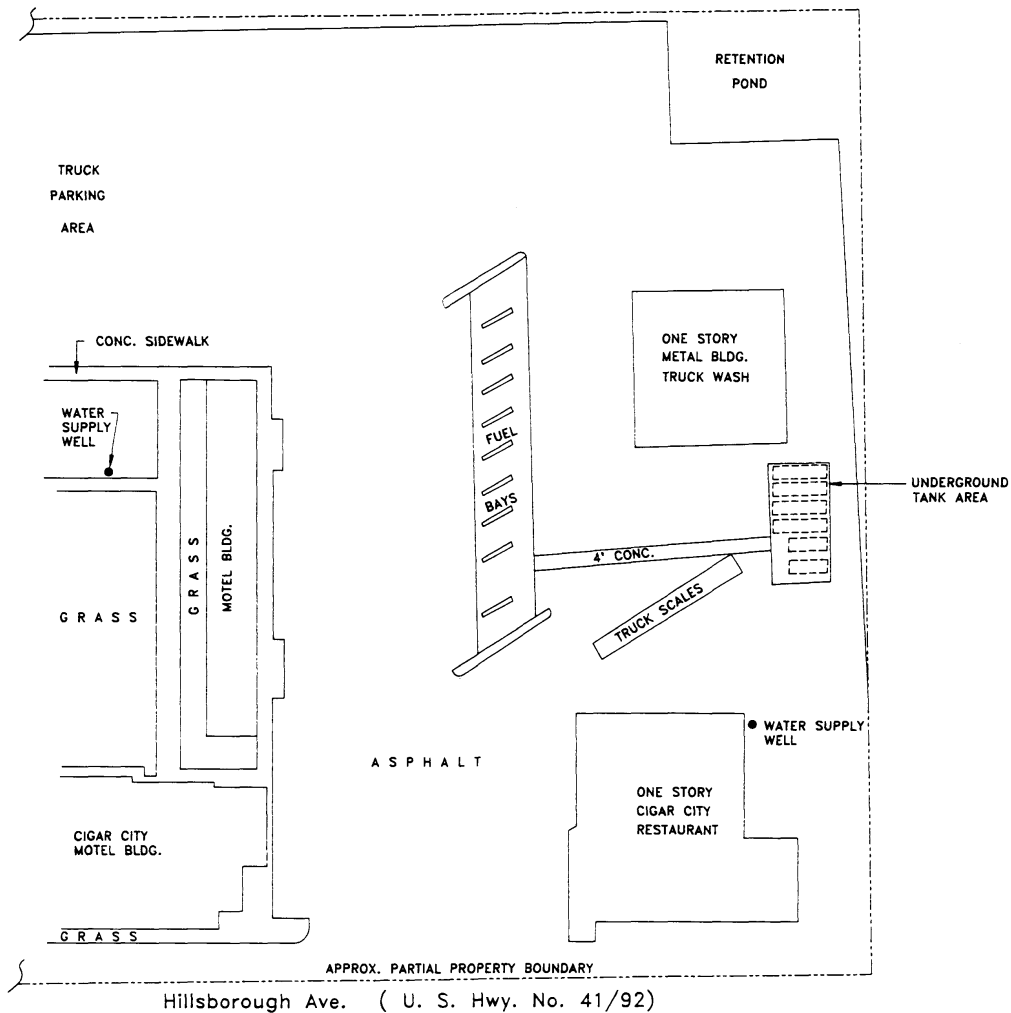
[Storage Tanks_Restricted \(1\)](#)

Result/Page: 55 Sort: Document Type Refresh Add to Favorites

Operations: View Select Turn Previewer on

Showing Result(s) 166 to 220
Pages: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

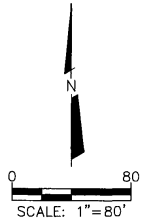
	Profile	Facility-Site ID	Document Date	Received Date	Document Type	Document Subject	County
	Fiscal	8625177	05-10-1999	05-11-1999	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	09-12-1996	09-20-1996	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	05-02-1996	05-06-1996	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	09-19-2002	09-19-2002	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	08-09-2002	08-12-2002	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	12-09-2004	12-13-2004	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	02-01-2006	02-03-2006	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	02-09-2007	02-12-2007	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	01-28-2008	01-30-2008	PROPOSAL RELATED	2008-29-W69855	HILLSBOROUGH S
	Fiscal	8625177	11-08-1996	01-22-1997	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	12-13-1996	12-18-1996	PROPOSAL RELATED		HILLSBOROUGH S
	Fiscal	8625177	11-09-1999	12-06-1999	PROPOSAL RELATED		HILLSBOROUGH S
	Reimbursement	8625177	12-26-1997	12-26-1997	REIMBURSEMENT APPLICATION-CORR		HILLSBOROUGH S



ENVIRONMENTAL PROTECTION
COMMISSION(EPC) OF
HILLSBOROUGH COUNTY
TAMPA, FLORIDA

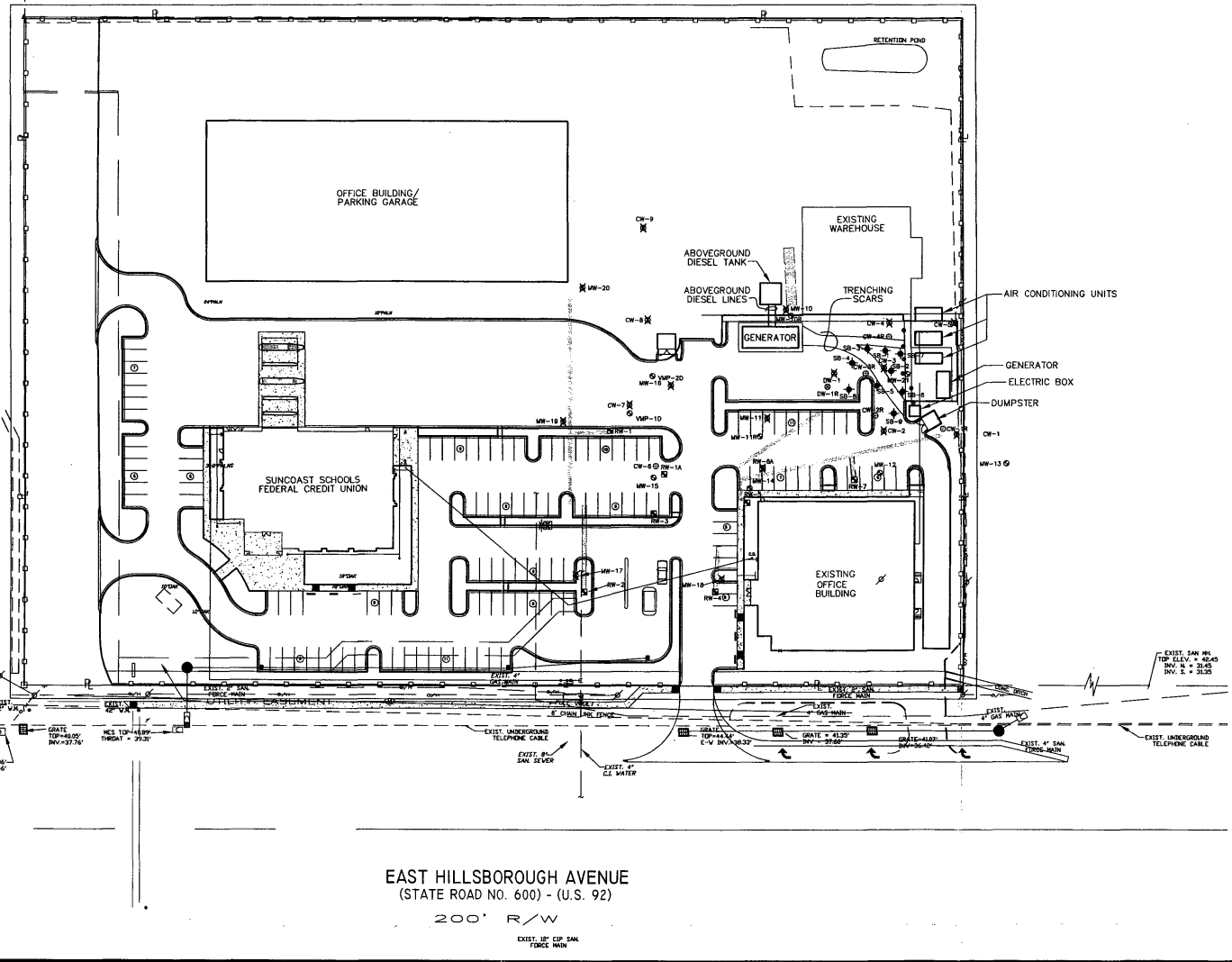


CIGAR CITY TRUCK STOP PLAZA
TAMPA, FLORIDA
SITE MAP
JOB NO. 5705970700 FIGURE 2



LEGEND

- ⊙ - MONITORING WELL
- ⊕ - COMPLIANCE WELL
- ⊗ - DESTROYED COMPLIANCE WELL
- ⊠ - RECOVERY WELL
- ⊡ - DESTROYED WELL
- ⊢ - DESTROYED RECOVERY WELL
- ⊣ - DEEP MONITORING WELL
- ⊤ - DESTROYED DEEP MONITORING WELL
- PREVIOUSLY EXISTING STRUCTURES
- UNDERGROUND PIPING



EAST HILLSBOROUGH AVENUE
 (STATE ROAD NO. 600) - (U.S. 92)
 200' R/W
 EXIST. 24" COP SAN
 TRENCH

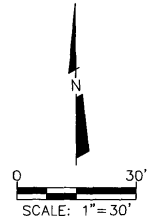
FIGURE 1
 SITE PLAN

SUNCOAST SCHOOLS FEDERAL CREDIT UNION
 6804 EAST HILLS BOROUGH AVENUE
 TAMPA, FLORIDA
 08-26-08

111 Kelsey Lane, Suite E
 Tampa, Florida 33619
 Telephone: (813) 626-4646
 Fax: (813) 626-1898



OFFICE BUILDING/
PARKING GARAGE



- LEGEND**
- - MONITORING WELL
 - ⊙ - COMPLIANCE WELL
 - ⊗ - DESTROYED COMPLIANCE WELL
 - ⊠ - RECOVERY WELL
 - ⊡ - DESTROYED RECOVERY WELL
 - ⊕ - DEEP MONITORING WELL
 - ⊗ - DESTROYED DEEP MONITORING WELL
 - - SOIL BORING
 - PREVIOUSLY EXISTING STRUCTURES
 - UNDERGROUND PIPING

SB-2	- SAMPLE ID
8-5-08	- DATE SAMPLED
10' BLS	- DEPTH INTERVAL (BLS)
<1.5	- BENZENE IN mg/kg
2.2 I	- TOLUENE IN mg/kg
<1.4	- ETHYLBENZENE IN mg/kg
<1.7	- TOTAL XYLENES IN mg/kg
<3.4	- MTBE IN ug/kg

I - ANALYTE DETECTED BELOW QUANTIFICATION LIMITS

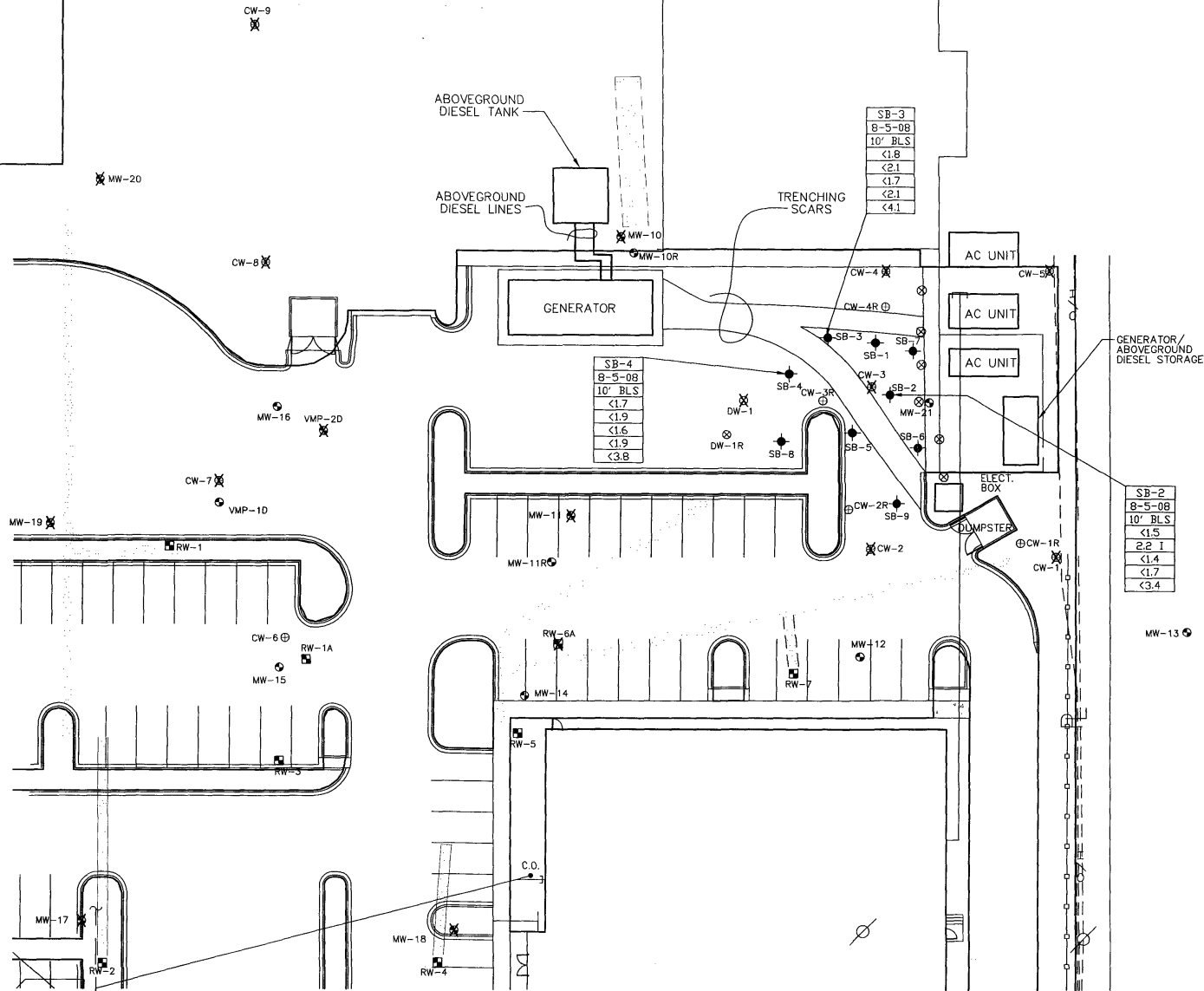


FIGURE 4A
SOIL ANALYTICAL
SUMMARY MAP
(BTEX/MTBE)

SUNCOAST SCHOOLS FEDERAL CREDIT UNION
6804 EAST HILLS BOROUGH AVENUE
TAMPA, FLORIDA

08-27-08

111 Keelsey Lane, Suite E
Tampa, Florida 33619
Telephone (813) 928-4466
Fax (813) 928-1898



Jan 23, 1995

Emels Dr

DEP 27.997316666667, -82.375622222222

Former USTs 27.997112, -82.375226

DCH 27.996985, -82.377005

92

E Hillsborough Ave

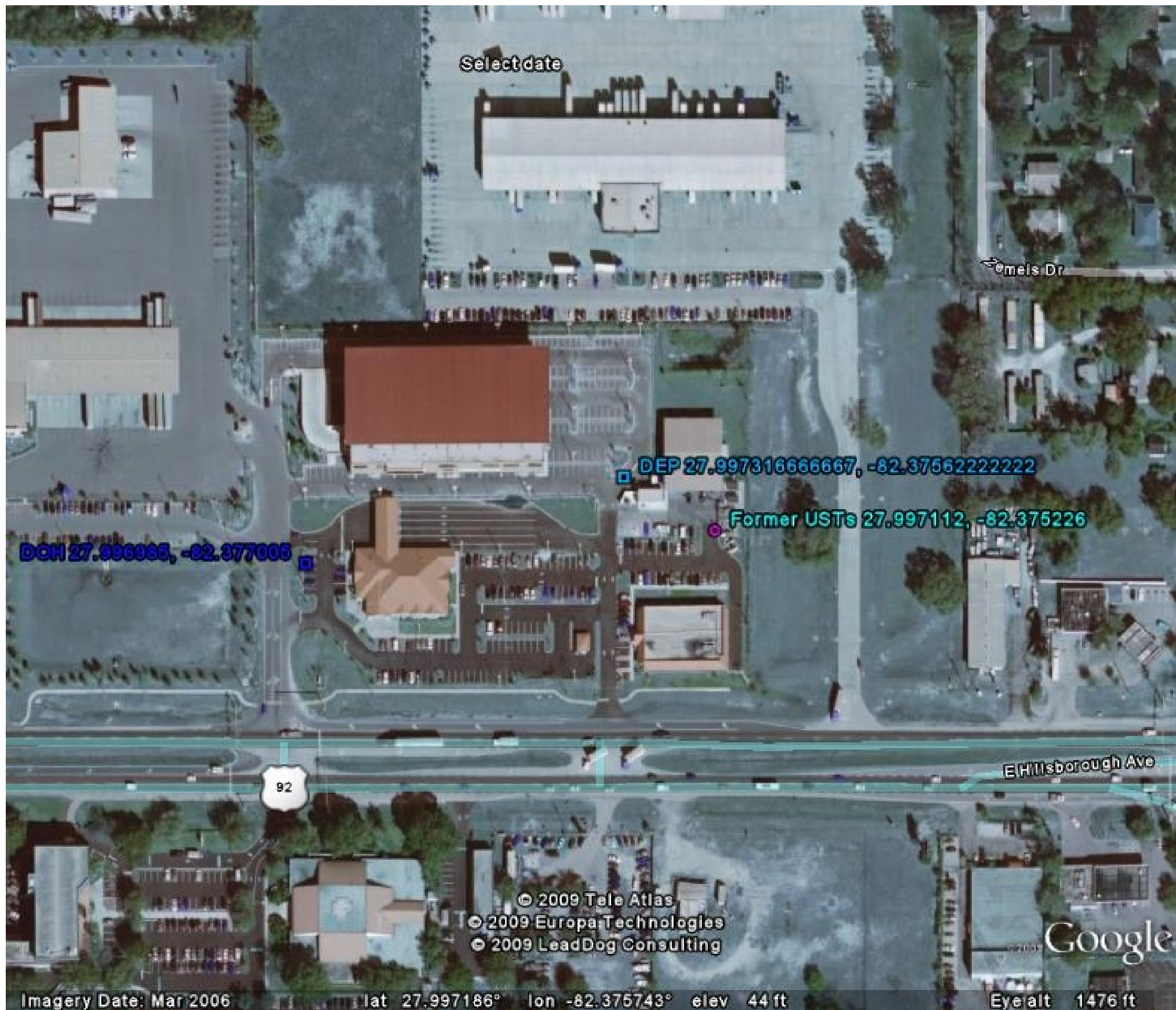
© 2009 Tele Atlas
© 2009 Europa Technologies
© 2009 LeadDog Consulting
Image U.S. Geological Survey

© 2009 Google

Imagery Date: Jan 24, 1995

lat 27.997186° lon -82.375743° elev 44 ft

Eye alt 1476 ft



Select date

Emels Dr

DCH 27.996965, -82.377005

DEP 27.997316666667, -82.375622222222

Former USTs 27.997112, -82.375226

E Hillsborough Ave

92

© 2009 Tele Atlas
© 2009 Europa Technologies
© 2009 LeadDog Consulting

Google

Imagery Date: Mar 2006 lat 27.997186° lon -82.375743° elev 44 ft Eye alt 1476 ft



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

August 18, 1995

Al Garcia
New Cigar City, Inc.
6804 E. Hillsboro Avenue
Tampa, Florida 33610-4111

Re: New Cigar City Truck Stop
6804 E. Hillsboro Avenue
Tampa, Hillsboro County, Florida
FDEP Facility ID #298625177

Dear Mr. Garcia:

Chapter 95-2, Laws of Florida, became law during the 1995 legislative session. This law directs that the cleanup of petroleum contaminated sites be done in priority order pursuant to the site priority ranking score assigned according to Chapter 62-771 Florida Administrative Code. This law also requires that the Florida Department of Environmental Protection (FDEP or department) approve the scope of work and cost for any program task begun after March 28, 1995, if state funds will be used to pay for the task.

Based upon your site's priority ranking score of **75**, funding is available for work at this site.

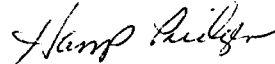
According to our records, the current program task for this site is **Remedial Action** and the contractor performing the work is **Handex of Florida**. Please notify us if any of this information is incorrect.

Please complete the enclosed "Contractor Designation Form" to confirm your choice of contractor. You may also use the attached form to designate an alternative contact if you would prefer that we coordinate our efforts with your representative. The form must be notarized and returned to the Petroleum Cleanup Section at Mail Station #4545 as soon as possible. If you choose not to designate a contractor, the Department will select one for you.

Letter to Mr. Garcia
August 18, 1995
Page Two

Please contact Laura Barrett at 904/487-3299 or the above address if you have any questions.

Sincerely,



FBL Brian J. Dougherty
Environmental Administrator
Petroleum Cleanup Section
Bureau of Waste Cleanup

Enclosure

cc: Nancy Evans, FDEP Southwest District Office
Hooshang Boostani, Hillsboro County EPC
Donald Johnson, Handex of Florida

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Site 6 – Mobile

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Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

August 24, 1995

Mr. Ricardo Alvear
Amoco Oil Co.
600 Corporate Drive #500
Fort Lauderdale, Florida 33334-3607

Re: CITGO-ORIENT & HILLSBORO
FDEP Facility ID #298625063

Dear Mr. Alvear:

Chapter 95-2, Laws of Florida, became law during the 1995 legislative session. This law directs that the cleanup of petroleum contaminated sites be done in priority order pursuant to the site priority ranking score assigned according to Chapter 62-771, Florida Administrative Code. This law also requires that the Florida Department of Environmental Protection (FDEP or Department) approve the scope of work and cost for any program task begun after March 28, 1995, if state funds will be used to pay for the task.

Based upon this site's score of 80, funding is available for work at this site under the preapproval program. According to our records, the current program task for this site is Remedial Action and the contractor performing the work is Law Environmental, Inc.

Our records further indicate that remedial action may have begun at this site prior to March 28, 1995. If actual on site work was begun before that date, then you have the option of switching to the preapproval program or continuing under the existing reimbursement program. If actual on site work was not started before March 28, 1995, then you must obtain prior approval from the FDEP to continue with the remedial action.

Under the preapproval program, the FDEP works directly with the contractor to negotiate the scope of work and cost for that work. Payment is made promptly upon completion of the work. Under the current reimbursement program, the consultant does not know how much of its scope of work will be reimbursed by the FDEP, cannot submit a claim until the entire task is completed and must wait months to be reimbursed for the work that is approved.

Mr. Ricardo Alvear
August 24, 1995
Page Two

If you are required or choose to participate in the preapproval program please complete the enclosed "Contractor Designation Form" to confirm your choice of contractor. You may also use the enclosed form to designate an alternative contact if you would prefer that we coordinate our efforts with your representative. The form must be notarized and returned to the Petroleum Cleanup Section at Mail Station #4545 as soon as possible. If you choose not to designate a contractor, the Department will select one for you.

Please contact Richard O'Leary at 904/487-3299 or the above address if you have any questions.

Sincerely,



Brian J. Dougherty
Environmental Administrator
Petroleum Cleanup Section
Bureau of Waste Cleanup

Enclosure

cc: Nancy Evans, Southwest District
Mr. Robert Lue, Hillsborough County
Law Environmental, Inc
Richard O'Leary

File Number 294952
 Site Name Phillips 66, Orient
 Fac ID# 298625063
 Latitude 27 59 45 Longitude 82 22 25
 Brandon

SITE PRIORITY RANKING - EDI PROGRAM

Criteria	Yes	No	Points
----------	-----	----	--------

Fire/Explosion Hazard

1. Free product or volatilized petroleum products at or above 20% of the Lower Explosive Limit (LEL) in existing utility conduits or vaults, buildings or other inhabited confined spaces (60 pts.)		X	0
---	--	---	---

2. Ignitable free product on surface waters or impoundments (60 pts.)		X	0
---	--	---	---

Threat to Uncontaminated Drinking Water Supplies

1. Uncontaminated municipal or community well fields of greater than 100,000 gallons per day permitted capacity with a well within 1/2 mile of site (30 pts.)	X		30
---	---	--	----

SI N Topo Y
 Additionally: T = 150,000 gal = 7,920,000
 SE = .00125 R = 1161 for Tampa
 Q = 4261
 DWDB HRS CAR

a. If the well field's 1 foot drawdown contour is known to encompass the site regardless of the well field's distance from the site (20 pts.)		X	0
---	--	---	---

or

b. If the well field is located down-gradient of the site (15 pts.)	X		15
---	---	--	----

2. Uncontaminated private wells constructed prior to date of contamination discovery, or uncontaminated public water system well field with less than 100,000 gallons per day permitted capacity, with a well within 1/4 mile of site (20 pts.)	X		20
---	---	--	----

SI Topo DWDB HRS CAR
 Y N Y
 Additionally:

a. If the well field's 1 foot drawdown contour is known to encompass the site regardless of the well field's distance from the site (10 pts.)		X	0
---	--	---	---

or

b. If well field is located down-gradient of the site (5 pts.)	X		5
--	---	--	---

3. Uncontaminated surface water body used as a public water system supply within 1/2 mile of site (10 pts.)		X	0
---	--	---	---

Migration Potential

1. Source characteristics (select one only)
- a. Recent spill or free product found in wells/boreholes (4 pts.) except free product of 2 inches or more in 2 or more wells/boreholes (6 pts.) X 0
- b. Recent product loss or wells/groundwater contaminated but no free product (2 pts.) X 2
2. Product Type (select only one)
- a. Light petroleum product (kerosene, gasoline, aviation fuel and similar petroleum products) with water soluble additives or enhancers (MTBE, ethanol and similar substances) (3 pts.) X 0
- b. Light petroleum product with no additives or enhancers (2 pts.) X 2
- c. Heavy petroleum product (fuel oil, diesel and similar petroleum products) (1 pt.) X 0

Environmental Setting

1. Site located in G-1 area (4 pts.) X 0
2. Site located in G-2 aquifer (2 pts.) X 2
3. Site located in high recharge/permeability geological area (4 pts.) X 4
4. Site located within 1/2 mile of an Outstanding Florida Water (1 pt.) X 0

Program Task completed by owner or operator

1. Free product recovery conducted within 30 days of discharge discovery in accordance with Section 17-70, F.A.C. (3 pts.) X 0
2. Excavation of greater than 30 cubic yards of excessively contaminated soils, as defined in Section 17-70, F.A.C., within 30 days of discharge discovery (2 pts.) X 0
3. Contamination Assessment Report to be completed in accordance with Section 17-70.009, F.A.C., or a Consent Order, if applicable (2 pts.) X 0
4. Remedial Action Plan and Remedial Action to be completed in accordance with Section 17-70.010 and 17-70.011, F.A.C., or Consent Order, if applicable (5 pts.) X 0

Total points 80

Comments Soil contamination around all three submersible pumps. SE has 15 potable wells w/in 1/4 mile; assumed at least one is w/in 1/4 mile

Rachelle Garcia
Signature

4/23/90
Date

Shaw's
8/22/96
ST LP mailed

Preapproval Site Assignment

Facility ID: 298 625 063 Score: 80 Date: 8/20/96
Site Name: SA
Site Address: _____

Designated Contractor: SA
Contact: _____
Address: _____

Qualified? Yes No Expired Date Checked 8/20/96

Program Task: IRA CA RAP RAC O&M MO Other _____

Case Manager: LP Jean I - ST
Title: _____
Org: _____
Sign by: Case Manager: _____ LP Manager: _____ Other: _____

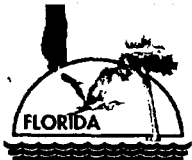
CCs: Owner: SA
Company: _____
Address: _____

District: NE NW C SE SW S

County: Alachua Brevard Broward Collier Dade
 Duval Escambia Hillsborough Lee Orange
 Palm Beach Santa Rosa Sarasota Volusia

Other CC: John KNIGHTLY
Company: _____
Address: _____

Letter: Drafted: _____ by _____ Mailed: _____



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

August 22, 1996

Mr. Brian Richards
Handex of Florida, Inc.
4510 Oak Fair Boulevard, Suite 120
Tampa, Florida 33610

Re: Orient Citgo
P O Box 1110
Brandon, Florida 33509-1110
FDEP Facility ID #298625063

Dear Mr. Richards:

You have been designated as the cleanup contractor at the above site and you have satisfactorily met the requirements to perform work under the Florida Department of Environmental Protection (FDEP) Preapproval Program.

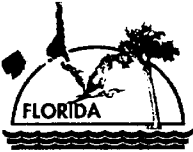
According to our records you are performing Monitoring Only under the reimbursement program. Please contact Robert Lue, Hillsborough County Environmental Protection Commission, 1900 9th Avenue, Tampa, Florida 33605 so that we may coordinate the transition of this site to the preapproval program.

If you have any questions you may contact me at 904/487-3299 or by mail using the above address at mail station 4540.

Sincerely,

Shawn L. Abbott
Environmental Manager
Petroleum Cleanup Section 1
Bureau of Waste Cleanup

cc: Nancy Evans, Southwest DEP District
Robert Lue, Hillsborough County
John Knightly
File



Department of Environmental Protection

SW DIST
score 80
EDI (R)
MOP 6/8/96
Yuly's in
MO

RECEIVED
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Twin Towers Office Building
2600 Blair Stone Road, Tallahassee, Florida 32399-2400
JUL 11 AM 10:30

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

CONTRACTOR DESIGNATION / POINT OF CONTACT DESIGNATION

Chapter 96-277, Laws of Florida, became effective on July 1, 1996 and directs that the cleanup of petroleum contaminated sites be done in priority order. This law also requires that the Florida Department of Environmental Protection (FDEP) approve the scope of work and cost for any program task begun after March 28, 1995, if state funds will be used to pay for the task.

The Department is ready to proceed with the cleanup of your site based on its priority score. You may designate a contractor for the Department to work with on your site. In addition, if you wish the Department to coordinate our actions with your representative, you can use this form to designate an alternative contact.

Please return this form to Mail Station 4530 in the Petroleum Cleanup Section at the letterhead address. If this form is not returned within 30 days or should you choose not to return this form, we will assume that our records reflect the correct owner and contact information and that you do not intend to designate a contractor or an alternate point of contact. If you choose not to designate a contractor, the Department will select one for you. Thank you for your cooperation.

Part 1 - Owner Identification: I, W. McKnight, own the property located at 7209 East Hillsborough Avenue, Tampa, Florida 33610, currently doing business as Orient Citgo.
Owner Mailing Address PO Box 1110, Brandon, Florida 33509-1110
FDEP Facility ID# 2986245063

Part 2 - Contractor Designation: I designate the following firm: Handex of Florida, Inc.
4510 Oak Fair Boulevard, Suite 120, Tampa, Florida 33610
(Attn: Don Bodie)
(Company Name, Address/Telephone #/Contact Person)
to perform the necessary cleanup of petroleum contamination at the referenced facility.

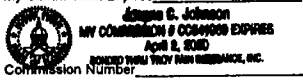
Part 3 - Owner Designated Contact: In addition, I designate the following individual as the Point of Contact, John P. Knightly, PO Box 1110, Brandon, FL 33509-1110 (813)681-4279
(Name/Address/Telephone #)
and to serve as my representative regarding the cleanup of my site.

W McKnight _____
(Signature of Owner) President
(Title if owner is a business)

Notarization (required)

Sworn to and subscribed before me this 31st day of July, 19 96.
Personally known Produced identification Type: _____

Joseph C. Johnson
(Notary Signature)
My Commission Expires _____
Notary Public, State of Florida
Commission Number _____



(Print, Type or Stamp Notary's Name)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.



Handex[®]

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

96 AUG 14 AM 10:30

BUREAU OF WASTE CLEANUP
DOCUMENT MANAGEMENT
CENTER

August 9, 1996

Mr. Hamp Pridgen
Florida Dept. Of Environmental Protection
Twin Towers Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: **W. McKnight**
Orient Citgo
P.O. Box 1110,
Brandon, FL 33509-1110
FDEP No. 298625063

Dear Mr. Pridgen:

Enclosed please find a Contractor Designation/Point of Contact Designation on the above mentioned client. Please process as soon as possible.

Thanking you in advance for your time and cooperation in this matter.

Sincerely,

Donald L. Bodie, Jr.
Vice President

Enclosure

Site 7 – Circle K

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FDEP Scoring Review

Deliverable Date: April 02, 2010

FacilityID 2 4 2

atitude 2 5 4 6556 N

ongitude 2 22 24 636

CIRC 532

7220 E HILLSBOROUGH AVE

TAMPA FL 33610

Scoring Date:

Scored by:

Requested by:

Well Survey Requested:

Comments:

Disc arge Date	Disc arge ID	ligibility Date	Program	ligibility	Previous Score	Ne Score
04/15/1988	20573	08/08/1991	EDI	ELIGIBLE	95	85
04/27/2004	55450				95	85



FDEP Scoring Review

Deliverable Date: April 02, 2010

FacilityID 2 4 2 latitude 2 5 4 6556 N longitude 2 22 24 636

Fire explosion hazard

1 Free product or volatile petroleum products at or above 2 foot over explosive limit () in existing utility conduits or vaults buildings or other inhabited confined spaces (6 points)	0
2 Ignitable free product on surface waters or impoundments (6 points)	0

Treat to uncontaminated Drinking Water Supplies

1 uncontaminated municipal or community wells of greater than 1 million gallons per day permitted capacity within a mile of the site (3 points)	30
all the wells within 1 foot drawdown contour is known to encompass the site regardless of the wells distance from the site (2 points)	0
all the wells are located down gradient of the site (15 points)	0
2 uncontaminated private wells constructed prior to date of contamination discovery or uncontaminated public water system well field of less than 1 million gallons per day permitted capacity within 1/4 mile of the site (2 points)	30
10 or more wells 10 points.	30
all the wells within 1 foot drawdown contour is known to encompass the site regardless of the wells distance from the site (1 point)	10
On-site well.	5
all the wells are located down gradient of the site (5 points)	5
3 uncontaminated surface water body used as a public water system supply within 1/2 mile of the site (1 point)	0

Migration Potential

1 Source Characteristics (select only one)	2
a Recent spills or free product found in wells boreholes (4 points) except free product of 2 inches or more in 2 or more wells boreholes (6 points)	
b Recent product loss or wells ground water contaminated but no free product (2 points)	
2 Product Type (select only one)	2
a light petroleum product (kerosene gasoline aviation fuel and similar petroleum products) with water soluble additives or enhancers (Tetanol and similar substances) (3 points)	
b light petroleum product with no additives or enhancers (2 points)	
c heavy petroleum product (fuel oil diesel and similar petroleum products) (1 point)	

Environmental Setting

1 Site located in -1 aquifer (4 points) or -2 aquifer (2 points)	2
2 Site located in a high recharge permeability geological area (4 points)	4
3 Site located within 1/2 mile of an outstanding Florida water (1 point)	0

Total **5**

SCANNED DOCUMENT

SCORE TRACKING SHEET

Facility ID 298840270 Discharge Date 4/15/88
Site Name Circle K #8532 Old Score 95
Type File: Score _____ Rescore _____ Requested By: SWAPP

- | | Date | Initials | | STB Discharge # |
|--|-----------------|-------------------|---|-----------------|
| 1 | <u>7/27/07</u> | <u>[initials]</u> | Scoring Packet Received by STB | <u>1</u> |
| 2 | <u>7/27/07</u> | <u>[initials]</u> | Well Survey Checked/Requested | |
| Owner Verification Needed? : _____ Yes _____ No, go to # 8 | | | | |
| 3 | | | Written Request to DEP for courthouse check | |
| 4 | | | Written Approval received from DEP | |
| 5 | | | Assigned to STB Field Office for Owner Verification | |
| Branch Location _____ | | | | |
| 6 | | | Verification Received from STB Field Office | |
| 7 | | | DEP Database Updated with Correct Owner Information | |
| 8 | <u>12/27/07</u> | <u>[initials]</u> | All Information Received for Scoring | |
| 9 | <u>12/27/07</u> | <u>[initials]</u> | Scored with PCT Updated & Letter Printed | |
| 10 | <u>12/27/07</u> | <u>[initials]</u> | Letter Mailed & Packet sent to STB Scanning | |

Letter Type (Circle One)
A = Low Score, No CDF
B = High Score, ~~CDF Requested~~
C = PCPP High, CDF Requested

New Score 95

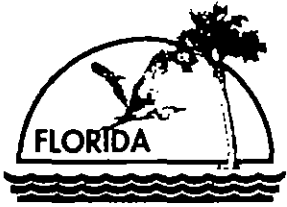
(Date CDF requested must be transferred to CDF list)

- | | | | |
|----|--|--|---------|
| 11 | | | Scanned |
| 12 | | | Indexed |

Number of Pages:

13 _____

NOTES



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

December 27, 2004

Ms. Frances Franconi
Circle K Stores, Inc.
12911 N Telecom Pkwy
Tampa, FL 33637

Re: Determination of Priority Score for Petroleum Contamination Cleanup
Circle K # 8532
7220 E Hillsborough Ave
Tampa, FL
FDEP Facility # 298840270
Discharge Date (s): April 15, 1988

Dear Ms. Franconi:

The Florida Department of Environmental Protection is required to direct the cleanup of petroleum contamination sites in priority order and by preapproval of the scope and cost of all work that is funded by the State. The priority order for cleanup is determined pursuant to the Petroleum Cleanup Site Priority Ranking Rule, Chapter 62-771, Florida Administrative Code.

Each site eligible for cleanup funding assistance is scored according to this system. The above site has received a score of (95). Availability of funding is determined based on Legislative appropriations and historical expenditures. Currently, funding is available to continue cleanup work for sites with a priority score of 31 or greater.

If you should have any questions, please contact me at (850) 671-6362, York STB, Inc., Administrative Services Contractor to the Bureau of Petroleum Storage Systems (BPSS), Mail Station 4595, at the letterhead address.

Sincerely,

Alan Sakole
Environmental Supervisor
BPSS Administrative Contractor
York STB, Inc., Environmental Division

Enclosure (PCT printout)

cc: BPSS Site File
Southwest District DEP Office
Mike McKelvey, Hillsborough County

"More Protection, Less Process"

Visit Our Internet Site At: www.dep.state.fl.us/waste/categories/pcp/default.htm

Printed on recycled paper.

Storage Tank/Contamination Tracking - Discharge Information

Co: / Facility		Facility Name and Address		Manager	Role
28	3810770	CIRCLE K #532		AYER TO	CLPSM
Facility Status		7220 E HILLSBOROUGH AVE		Facility Cleanup Status	ONGO
OPEN	TAMPA	Florida		Highest Discharge Score	95
Cleanup Info		Info Source	EDI	Discharge Score	95
ACTIVE	Lead Agency	LP	LOCAL PROGRAM	Score Effective Date	12/27/2004
Clean Required		R	CLEANUP REQUIRED	Rank	117 of 14990 on 11/01/2004
Discharge Info		Discharge Date	04/16/1988	Inspection Date	07/24/1989
Combined With		Cleanup Status Date	RA	07/10/2001	
Eligibility and Application Info	Application Received	Cleanup Program	Lead	Status	Determination Letter Sent
	12/20/1988	ED	R	ED	08/08/1991
					Redetermined?

FDEP Site Priority Score Sheet

Facility ID#: 298840270 Site Name: Orchard #8572
 Site Address: 7200 E Hillborough Ave
 Latitude: 27 59 47 Longitude: 82 22 25

<u>Criteria:</u>	<u>Yes</u>	<u>No</u>	<u>Points</u>
------------------	------------	-----------	---------------

Fire/Explosion Hazard:

- | | | | |
|--|-------|----------|----------|
| 1. Free product or volatilized petroleum products at or above 20% of the Lower Explosive Limit (LEL) in existing utility conduits or vaults, buildings or other inhabited confined spaces (60 points). | _____ | <u>X</u> | <u>0</u> |
| 2. Ignitable free product on surface waters or impoundments (60 points). | _____ | <u>X</u> | <u>0</u> |

Threat to Uncontaminated Drinking Water Supplies:

- | | | | |
|--|-------|-------|-----------|
| 1. Uncontaminated municipal or community well fields of greater than 100,000 gallons per day permitted capacity with a well within 1/2 mile of the site (30 points). | _____ | _____ | <u>30</u> |
|--|-------|-------|-----------|

MWS 6290797.

SI DWDB HRS
 Additionally: Y YJ
8/2/04

a. If the well field's 1 foot draw down contour is known to encompass the site regardless of the well field's distance from the site (20 points).

_____	_____	<u>20</u>
-------	-------	-----------

Or

- | | | | |
|--|-------|----------|----------|
| b. If the well field is located down gradient of the site (15 points). | _____ | <u>X</u> | <u>0</u> |
|--|-------|----------|----------|

- | | | | |
|---|-------|-------|-----------|
| 2. Uncontaminated private wells constructed prior to date of contamination discovery, or uncontaminated public water system well field with less than 100,000 gallons per day permitted capacity with a well within 1/4 mile of the site (20 points). | _____ | _____ | <u>20</u> |
|---|-------|-------|-----------|

SI DWDB HRS
 Additionally: Y YB

- | | | | |
|---|-------|-------|-----------|
| a. If the well field's 1 foot draw down contour is known to encompass the site regardless of the well field's distance from the site (10 points). | _____ | _____ | <u>10</u> |
|---|-------|-------|-----------|

Or

- | | | | |
|---|-------|-------|----------|
| b. If the well field is located down gradient of the site (5 points). | _____ | _____ | <u>5</u> |
|---|-------|-------|----------|

- | | | | |
|--|-------|----------|----------|
| 3. Uncontaminated surface water body used as a public water system supply within 1/2 mile of the site (10 points). | _____ | <u>X</u> | <u>0</u> |
|--|-------|----------|----------|

Yes No Points

Migration Potential:

1. Source Characteristics (select only one)

- a. Recent spills or free product found in wells/
boreholes (4 points) **except** free product of 2
inches or more in 2 or more wells/boreholes (6 points).
- b. Recent product loss or wells/groundwater
contaminated but no free product (2 points).

_____ + 0
 _____ — 1

2. Product Type (select only one):

- a. Light petroleum product (kerosene, gasoline,
aviation fuel and similar petroleum products) with
water soluble additives or enhancers (MTBE, ethanol
and similar substances) (3 points).
- b. Light petroleum product with no additives or
enhancers (2 points).
- c. Heavy petroleum product (fuel oil, diesel and
similar petroleum products) (1 point).

_____ + 0
 _____ — 2
 _____ + 0

Environmental Setting:

- 1. Site located in G-1 aquifer (4 points).
- 2. Site located in a G-2 aquifer (2 points).
- 3. Site located in high recharge/permeability geological
area (4 points).
- 4. Site located within 1/2 mile of an Outstanding Florida
Water (1 point).

_____ + 0
 _____ — 2
 _____ — 4
 _____ + 0

Total Points: 95

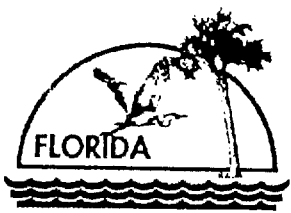
Comments: _____

[Signature]

 Signature

12/27/04

 Date



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

November 20, 1996

Steve Belin
Circle K Stores, Inc
5650 Breckenridge Park Drive #300
Tampa, FL 33610

Re: Circle K #8532; FDEP Facility No. 298840270.

Dear Mr. Belin:

The Site Priority Ranking Rule, Chapter 62-771, Florida Administrative Code, establishes a scoring system the Department uses to assign priority scores to petroleum contaminated sites. The scoring system is based upon the potential threat to public health, safety, and welfare; drinking water supplies; and the environment.

Each site eligible for cleanup funding assistance is scored according to this system. The above site has received a score of **95**. Each eligible site is ranked in relation to all other eligible sites. Ranking and funding are performed by the DEP quarterly in February, May, August, and November of each year. A letter will be sent to the registered site owner indicating the facility's score and rank following the next quarterly ranking. Thereafter, all program sites receive an annual ranking letter in November.

If you have any questions or comments on your site's score or rank, please contact me at the letterhead address, Mail Station 4535 or call 904/487-3299.

Sincerely,

Stacey Arrington
Environmental Specialist
Petroleum Cleanup Section

SA/ajm
Enclosure: PCT006



cc: Southwest District DEP Office
Bobby Lue, Hillsborough County EPC
Barry A. Reda, Handex of Florida, Inc., Suite 120, 4510 Oak Fair Boulevard, Tampa, FL 33610

Facility ID#: 298840270
 Site Name: CIRCLE K # 8532
 Site Address: 7270 EAST HILLSBOROUGH AVE, TALLAHASSEE, FL 32309
 Latitude: 27 59 46 Longitude: 82 22 25
BRANDON

Site Priority Ranking

Criteria: Yes No Points

Fire/Explosion Hazard:

- | | | | |
|--|-------|---|---|
| 1. Free product or volatilized petroleum products at or above 20% of the Lower Explosive Limit (LEL) in existing utility conduits or vaults, buildings or other inhabited confined spaces (60 points). | _____ | / | 0 |
| 2. Ignitable free product on surface waters or impoundments (60 points). | _____ | / | 0 |

Threat to Uncontaminated Drinking Water Supplies:

- | | | | |
|--|---|-------|----|
| 1. Uncontaminated municipal or community well fields of greater than 100,000 gallons per day permitted capacity with a well within 1/2 mile of the site (30 points). | / | _____ | 30 |
|--|---|-------|----|

SI **PWS 114** DWDB HRS
N **Y (1)** **N**

Additionally:

- | | | | |
|---|---|-------|----|
| a. If the well field's 1 foot draw down contour is known to encompass the site regardless of the well field's distance from the site (20 points). | / | _____ | 20 |
|---|---|-------|----|
- PWS ID 6290797 @ 0.50 275930 822210**
HEAD / SOUTH CENTRAL
 $Q = 34.772 \text{ MGD}$
 $S = 0.0008$
 $T = 10027$
 $U = 0.547$
 $W(u) = 0.027$
 $W(s) = 2.4$
 $r = 75997$

or

- | | | | |
|--|---|-------|----|
| b. If the well field is located down gradient of the site (15 points). | / | _____ | 15 |
|--|---|-------|----|

- | | | | |
|---|---|-------|----|
| 2. Uncontaminated private wells constructed prior to date of contamination discovery, or uncontaminated public water system well field with less than 100,000 gallons per day permitted capacity with a well within 1/4 mile of the site (20 points). | / | _____ | 20 |
|---|---|-------|----|

SI **PWS 114** DWDB HRS
N **Y (7)** **N**

Additionally:

- | | | | |
|---|-------|---|---|
| a. If the well field's 1 foot draw down contour is known to encompass the site regardless of the well field's distance from the site (10 points). | _____ | / | 0 |
|---|-------|---|---|

or

- | | | | |
|---|---|-------|---|
| b. If the well field is located down gradient of the site (5 points). | / | _____ | 5 |
|---|---|-------|---|

- | | | | |
|--|-------|---|---|
| 3. Uncontaminated surface water body used as a public water system supply within 1/2 mile of the site (10 points). | _____ | / | 0 |
|--|-------|---|---|

Yes No Points

Migration Potential:

1. Source Characteristics (select only one)

a. Recent spills or free product found in wells/
boreholes (4 points) except free product of 2
inches or more in 2 or more wells/boreholes (6 points).

_____ / 0

b. Recent product loss or wells/groundwater
contaminated but no free product (2 points).

/ _____ 2

2. Product Type (select only one):

a. Light petroleum product (kerosene, gasoline,
aviation fuel and similar petroleum products) with
water soluble additives or enhancers (MTBE, ethanol
and similar substances) (3 points).

_____ / 0

b. Light petroleum product with no additives or
enhancers (2 points).

_____ / 0

c. Heavy petroleum product (fuel oil, diesel and
similar petroleum products) (1 point).

/ _____ 1

Environmental Setting:

1. Site located in G-1 aquifer (4 points).

_____ / 0

2. Site located in a G-2 aquifer (2 points).

/ _____ 2

3. Site located in high recharge/permeability geological
area (4 points).

_____ / 0

4. Site located within 1/2 mile of an Outstanding Florida
Water (1 point).

_____ / 0

Total Points: 95

Comments: _____

Alasdair J. Massey
Signature

20 NOVEMBER 1986
Date

File Number 298813
 Site Name Circle K #8532
 Fac ID# 298840270
 Latitude 27-56-46 Longitude 82-22-25

Riverside

SITE PRIORITY RANKING - EDI PROGRAM

Criteria Yes No Points

Fire/Explosion Hazard

1. Free product or volatilized petroleum products at or above 20% of the Lower Explosive Limit (LEL) in existing utility conduits or vaults, buildings or other inhabited confined spaces (60 pts.) / 0

2. Ignitable free product on surface waters or impoundments (60 pts.) / 0

Threat to Uncontaminated Drinking Water Supplies

1. Uncontaminated municipal or community well fields of greater than 100,000 gallons per day permitted capacity with a well within 1/2 mile of site (30 pts.) / 0

ST *TOPO* *DWPG* *HRS* *CAR*
N *N*

Additionally:

a. If the well field's 1 foot drawdown contour is known to encompass the site regardless of the well field's distance from the site (20 pts.) / 0

or

b. If the well field is located down-gradient of the site (15 pts.)

2. Uncontaminated private wells constructed prior to date of contamination discovery, or uncontaminated public water system well field with less than 100,000 gallons per day permitted capacity, with a well within 1/4 mile of site (20 pts.) / / 20

ST *TOPO* *DWPG* *HRS* *CAR*
Y *100 yd down* *N*

Additionally:

a. If the well field's 1 foot drawdown contour is known to encompass the site regardless of the well field's distance from the site (10 pts.) / 0

or

b. If well field is located down-gradient of the site (5 pts.) / 5

3. Uncontaminated surface water body used as a public water system supply within 1/2 mile of site (10 pts.) / 0

Migration Potential

- | | | | |
|---|----------|----------|----------|
| 1. Source characteristics (select one only) | | | |
| a. Recent spill or free product found in wells/boreholes (4 pts.) <u>except</u> free product of 2 inches or more in 2 or more wells/boreholes (6 pts.) | | <u>1</u> | <u>0</u> |
| b. Recent product loss or wells/groundwater contaminated but no free product (2 pts.) | <u>1</u> | | <u>2</u> |
| 2. Product Type (select only one) | | | |
| a. Light petroleum product (kerosene, gasoline, aviation fuel and similar petroleum products) with water soluble additives or enhancers (MTBE, ethanol and similar substances) (3 pts.) | | <u>1</u> | <u>0</u> |
| b. Light petroleum product with no additives or enhancers (2 pts.) | <u>1</u> | | <u>2</u> |
| c. Heavy petroleum product (fuel oil, diesel and similar petroleum products) (1 pt.) | | <u>1</u> | <u>0</u> |

Environmental Setting

- | | | | |
|---|----------|----------|----------|
| 1. Site located in G-1 area (4 pts.) | | <u>1</u> | |
| 2. Site located in G-2 aquifer (2 pts.) | <u>1</u> | | <u>2</u> |
| 3. Site located in high recharge/permeability geological area (4 pts.) | <u>1</u> | | <u>4</u> |
| 4. Site located within 1/2 mile of an Outstanding Florida Water (1 pt.) | | <u>1</u> | <u>0</u> |

Program Task completed by owner or operator

- | | | | |
|---|--|----------|----------|
| 1. Free product recovery conducted within 30 days of discharge discovery in accordance with Section 17-70, F.A.C. (3 pts.) | | <u>1</u> | <u>0</u> |
| 2. Excavation of greater than 30 cubic yards of excessively contaminated soils, as defined in Section 17-70, F.A.C., within 30 days of discharge discovery (2 pts.) | | <u>1</u> | <u>0</u> |
| 3. Contamination Assessment Report to be completed in accordance with Section 17-70.009, F.A.C., or a Consent Order, if applicable (2 pts.) | | <u>1</u> | <u>0</u> |
| 4. Remedial Action Plan and Remedial Action to be completed in accordance with Section 17-70.010 and 17-70.011, F.A.C., or Consent Order, if applicable (5 pts.) | | <u>1</u> | <u>0</u> |

Total points 35

Comments odor

L. Henderson
Signature

1/10/90
Date

**BPSS Combination Discharge Project
Combined Discharge QA Worksheet**

Facility ID# 298840270

Discharge Information: (See Attached STCM Screens)

2 total discharges

REQUIRED EDITS

STCM

OCULUS

N/A

Notes: No changes made to RA screens:

Added comments to RA screens.

Facility Contact: N/A

REQUIRED CORRECTIVE ACTION

Amended Order

Rescission Order

Other (*See Notes*)

N/A

Notes: County letter dated 1/12/05 states the 4/27/04 discharge will be incorporated with the 4/15/88 discharge's SRCO/NFA when it is issued.

Reviewed by: York STB, Inc.

Reviewer: Kevin McCranie

Date: 7/8/05

Reviewed by: BPSS-DEP

Reviewer:

Date:

JF
7/20/05

<input type="checkbox"/> 28 <input type="checkbox"/> 10/20 CIRCLE K #632 720 E HILLESBOROUGH AVE TAMPA		AYER TO CL 04 0000 00 00	
<input type="checkbox"/> ACTIVE	<input type="checkbox"/> E EM <input type="checkbox"/> LP LOCAL PROGRAM <input type="checkbox"/> R CLEANUP REQUIRED	<input type="checkbox"/> 05 <input type="checkbox"/> 12/2/2004 <input type="checkbox"/> 05/22/2005	<input type="checkbox"/> 00 <input type="checkbox"/> 14017
<input type="checkbox"/> DISPOSED	<input type="checkbox"/> 04/16/2008 <input type="checkbox"/>	<input type="checkbox"/> 07/24/2008 <input type="checkbox"/> 07/18/2007	
<input type="checkbox"/> RECALL <input type="checkbox"/> RECALL <input type="checkbox"/> RECALL		<input type="checkbox"/> RECALL <input type="checkbox"/> RECALL <input type="checkbox"/> RECALL	

<input type="checkbox"/> OPEN <input type="checkbox"/> COMPLETE		CIRCLE # <input type="text" value="1182"/> 723 F WILSON ROAD TAMPA	RENTZ_C CIPON CNGO
<input type="checkbox"/> CLOSURE REPORT <input type="checkbox"/> LOCAL PROGRAM <input type="checkbox"/> NO CLEANUP REQUIRED	C LP N	04/27/2004 06/21/2004 01/23/2004	85 12/07/2004 06/02/2004
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

COMMISSION
Brian Blair
Kathy Castor
Ken Hagan
Jim Norman
Thomas Scott
Mark Sharpe
Ronda Storms



Executive Director
Richard D. Garrity, Ph.D.

January 12, 2005

Mr. Steve Belin
ConocoPhillips Company
10150 Highland Manor Drive, Suite 200
Tampa, Florida 33610

Dear Mr. Belin:

**SUBJECT: CIRCLE K #8532, 7220 EAST HILLSBOROUGH AVENUE,
TAMPA, FLORIDA, FDEP FACILITY ID #298840270 -
PETROLEUM DISCHARGE DISCOVERED ON APRIL 27, 2004**

On December 14, 2004, Environmental Protection Commission (EPC) staff received the December 9, 2004 Limited Contamination Assessment Report (LCAR) for a Site Rehabilitation Funding Allocation (SRFA) that has been submitted in response to EPC Petroleum Cleanup Section staff's September 22, 2004 letter to you. The LCAR for SRFA helps to address the above-referenced unleaded gasoline discharge.

EPC staff has reviewed the December 9, 2004 LCAR for SRFA for completeness in accordance with the Florida Department of Environmental Protection (FDEP) Bureau of Petroleum Storage Systems' (BPSS) document entitled, NEW NON-ELIGIBLE DISCHARGES AT EXISTING ELIGIBLE SITES - LIMITED CONTAMINATION ASSESSMENT REPORT (LCAR) TO SUPPORT A SITE REHABILITATION FUNDING ALLOCATION AGREEMENT UNDER SECTION 376.30714, F.S. - PREPARATION GUIDANCE JUNE 17, 1999.

The geologist of record concludes that a SRFA agreement is unnecessary at this time. He states, "The costs associated with site rehabilitation should continue to be funded 100% via the Florida Petroleum Preapproval Program." In regard to the conclusions and recommendations that are provided in Sections 3.0 and 4.0 of the LCAR for SRFA, please be advised of the following:

Per the FDEP BPSS' policy, in cases where there are multiple petroleum discharges on top of each other, and it cannot be determined that one of the discharges has been cleaned up, the FDEP BPSS will wait for all of the petroleum discharges to be cleaned up and issue an Site Rehabilitation Completion Order (SRCO) for all of them at the same time. Based on the FDEP BPSS' policy, EPC staff will wait for the preexisting (historical)

Administrative Offices,
Legal & Water Management Division
1900 - 9th Ave. • Tampa, FL 33605
Ph. (813) 272-5960 • Fax (813) 272-5157
Waste Management, Wetlands &
Environmental Resource Management Divisions
3629 Queen Palm Dr. • Tampa, FL 33619
Waste Fax (272-2256) Wetlands Fax (272-7144)
Air Management Division
1410 N. 21st St. • Tampa, FL 33605
Fax (272-5605)

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
2005 JAN 18 PM 2:47
BUREAU OF PETROLEUM
STORAGE SYSTEMS
LICENSURE MANAGEMENT
CENTER

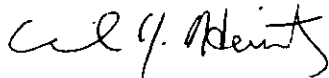


Page 2 of 2
January 12, 2005
Mr. Belin

April 15, 1988 EDI-eligible petroleum discharge to be cleaned up before drafting an SRCO for the April 27, 2004 non-program petroleum discharge for issuance by the FDEP.

Please call me at (813) 272-5960 ext. 1302 if you wish to discuss these matters. Please reference the FDEP Facility ID # if you call.

Sincerely,



Carl J. Heintz, P.G.
Professional Geologist

c: Grace Rivera, FDEP Tallahassee
Mark Wallinga, P.G., ATC Associates, Inc.
Alan J. Cubberley, Circle K Stores, Incorporated, 12911 North Telecom Parkway,
Tampa, Florida 33637
Monthly Report File
Correspondence File
FDEP Facility #298840270 File



RECEIVED
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

7001 0320 0002 9509 294

BUREAU OF PETROLEUM
STORAGE SYSTEMS
DOCUMENT CONTROL UNIT

John Skopak
Region Manager
ConocoPhillips Company
600 North Dairy Ashford
Houston, TX 77079-1175
832-379-6451

Handwritten signature: *Chuck Williams*

Mr. Michael E. Ashey
Florida Department of Environmental Protection
Bureau of Petroleum Storage Tanks
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

REGISTER MAIL # 7001 0320 0002 9509 294

Subject: ConocoPhillips Corrective Action Responsibilities Relative to Stock Sale of Circle K Stores, Inc.

On December 17, 2003 (referred herein as "Closing Date"), Alimentation Couche-Tard Inc. (parent of The Circle K Corporation and Circle K Stores, Inc.), a corporation organized under the laws of the Province of Québec, Canada (referred herein as "ACTI") acquired The Circle K Corporation and Circle K Stores, Inc. ("Circle K") from ConocoPhillips Company (referred herein as "COP") in a stock purchase transaction.

Provisions of the Environmental Liability Agreement (referred herein as "Agreement") control the baseline assessment, reporting, and remediation of petroleum contamination at Circle K facilities. Under the Agreement, among other things:

- 1) COP will be the responsible party with respect to all Baseline Contamination and will be responsible for all Baseline⁽¹⁾ Corrective Action and Baseline Corrective Action Costs at the following:
 - (i) those Circle K sites that had active or planned remediation or monitoring on the Closing Date or known or identified contamination on the Closing Date (a list of these sites in Florida is attached hereto as Exhibit A); and
 - (ii) those additional Circle K sites (if any) that are identified within 180 days after the Closing Date to reveal contamination requiring corrective action, based on assessments to be completed during that 180-day period (through June 14, 2004) based upon procedures agreed to by the parties.
- 2) ACTI will be responsible for New⁽²⁾ Corrective Action and New Corrective Action Costs and will be responsible for any related reporting required by applicable environmental laws as current owner and operator.

⁽¹⁾ In the Agreement, the contamination described in clauses (i) and (ii) above is called "Baseline Contamination", the related corrective action is called "Baseline Corrective Action" and the related costs are called "Baseline Corrective Action Costs".

⁽²⁾ In the Agreement, any contamination at any of the Circle K sites that is not Baseline Contamination, including any release commencing after the Closing Date, is called "New Contamination". ACTI is responsible for New Contamination and related "New Corrective Action" and "New Corrective Action Costs".

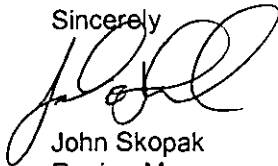
Handwritten number: 298840270

- 3) COP will have the right to conduct all negotiations with the Agency with respect to *Baseline Corrective Action* and, as between COP and ACTI, will have the lead responsibility for setting policy, establishing direction and conducting those negotiations. ACTI may attend those negotiations but will not intentionally contact or negotiate with agencies independent of COP.
- 4) COP request that the Florida Department of Environmental Protection (FDEP) assist in the transfer to COP all permits associated with the *Baseline Corrective Action* including but not limited to the operating permits for any remediation equipment, monitoring well permits and discharge permits. Please note that all of Circle K's UST systems were registered under, and remain registered under, the existing corporate name of Circle K Stores, Inc. Therefore, its tank registrations and other commercial permits are not required to be transferred or re-registered as a result of the transaction.
- 5) COP will have the right to pursue, control, settle, waive or release reimbursement claims from the Inland Protection Trust Fund ("UST Fund") relating to *Baseline Corrective Action* Costs incurred by COP. COP will have the right to receive any reimbursements from the UST Fund as a result of *Baseline Corrective Costs* incurred by COP (to the extent payable in accordance with the laws and regulations applicable to the UST Fund), and Circle K hereby assigns to COP its rights to receive any such reimbursements.

In light of the requirements of the agreement on ACTI and COP listed above, the parties believe it would be most efficient if FDEP was to deal directly with COP regarding all matters relating to *Baseline Corrective Action* and related *Baseline Corrective Action Costs* (including the reimbursement of such costs from the state's UST Fund). Likewise, FDEP is expected to deal directly with ACTI regarding all other matters as the registered owner and /or operator of the UST systems at the Circle K sites within Florida.

If you have any questions regarding this notice, please contact me or Steve Belin, Site Manager, at 813-314-2142.

Sincerely



John Skopak
Region Manager
ConocoPhillips Company
600 North Dairy Ashford
Houston, TX 77079-1175
(832) 379-6451

Attachment: Exhibit A - Active or planned remediation or monitoring or known or identified contamination as of Closing Date

CC: File
William Bunch - ACTI
Robert Staab - ConocoPhillips

Exhibit A is
filed in
058501141

Bureau of Waste Cleanup

9-26, 1992

OCT 1 1992

Petroleum Cleanup &
Reimbursement Section

Mr. Charles Williams
Department of Environmental Regulation
Bureau of Waste Cleanup
Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re:

Circle K
7320 East Hillsborough
Tampa Florida
DER Facility ID#: 298840270

Dear Mr. Williams,

PACO Consulting and Engineering, Inc. (PACO C&E) will be conducting a contamination assessment at the referenced site pursuant to Sections 17-770.600 FAC. Please accept this letter as ~~10~~ ^{one} days notification of:

- Monitor Well Installation (4 wells)
- Groundwater Sampling
- Soil Borings and OVA Headspace Analysis

The indicated activities have been scheduled for:

Drill 9/27/92 @ 1:00 pm / sample 10/7/92
per Hillsboro EPC

If there are any questions regarding this schedule, please contact the undersigned at (813) 286-4101.

Sincerely,

PACO CONSULTING & ENGINEERING, INC.

Melinda Hanisher

Hydrogeologist

cc: Hillsboro EPC

Charles Marken

Project Director



May 12, 1992

Mr. Charles Williams
Department of Environmental Regulation
Bureau of Waste Cleanup
Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Bureau of Waste Cleanup

MAY 18 1992

Re: Circle K 8536
7026 E. Hillside / Ocean
Tampa, Florida
DER Facility ID#: 248840270

Petroleum Cleanup &
Reimbursement Section

Dear Mr. Williams,

PACO Consulting and Engineering, Inc. (PACO C&E) will be conducting a contamination assessment at the referenced site pursuant to Sections 17-770.600 FAC. Please accept this letter as 10 days notification of:

- Monitor Well Installation (8 wells)
- Groundwater Sampling
- Soil Borings and OVA Headspace Analysis

The indicated activities have been scheduled for:

well installation 6/1/92, sample 6/4/92

If there are any questions regarding this schedule, please contact the undersigned at (813) 286-4101.

Sincerely,

PACO CONSULTING & ENGINEERING, INC.

Melinda Hamsher

Hydrogeologist

Charles D. Macken, P.E.

Project Director

cc: Greg Cowden - HCP

(This page intentionally left blank)

Site 8 - Chevron

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FDEP Scoring Review

Deliverable Date: April 01, 200

FacilityID 2 62565

atitude 2 5 4 5 N

ongitude 2 22 13

C R N-S IN 1 1

7702 E HILLSBOROUGH AVE

TAMPA FL 33610

Scoring Date: 03/26/2008

Scored by: ohn Bachmann

Requested by: Hillsborough County Area III

Well Survey Requested: 09/27/2007

Comments: Distance between DOH and STCM site coordinates is 84.6 ft.

Disc arge Date	Disc arge ID	ligibility Date	Program	ligibility	Previous Score	Ne Score
01/05/1987	20904	06/22/1991	EDI	ELIGIBLE	95	45



FDEP Scoring Review

Deliverable Date: April 01, 200

FacilityID 2 62565

Latitude 2 5 4 5 N

Longitude 2 22 13

Fire Explosion Hazard

1 Free product or volatile petroleum products at or above 2 feet over explosive limit () in existing utility conduits or vaults buildings or other inhabited confined spaces (6 points)	0
2 Ignitable free product on surface waters or impoundments (6 points)	0

Treat to uncontaminated Drinking Water Supplies

1 uncontaminated municipal or community wells of greater than 1 gallons per day permitted capacity that are within 1/2 mile of the site (3 points)	0
a If the wells 1 foot drawdown contour is known to encompass the site regardless of the wells distance from the site (2 points)	0
b If the well is located down gradient of the site (15 points)	0
2 uncontaminated private wells constructed prior to date of contamination discovery or uncontaminated public water system well field of less than 1 gallons per day permitted capacity that are within 1/4 mile of the site (2 points)	30
10 or more wells 10 points.	30
a If the wells 1 foot drawdown contour is known to encompass the site regardless of the wells distance from the site (1 points)	0
b If the well is located down gradient of the site (5 points)	5
3 uncontaminated surface water body used as a public water system supply within 1/2 mile of the site (1 points)	0

Migration Potential

1 Source Characteristics (select only one)	2
a Recent spills or free product found in wells boreholes (4 points) except free product of 2 inches or more in 2 or more wells boreholes (6 points)	
b Recent product loss or wells groundwater contaminated but no free product (2 points)	
2 Product Type (select only one)	2
a Light petroleum product (kerosene gasoline aviation fuel and similar petroleum products) that are soluble additives or enhancers (Tetanol and similar substances) (3 points)	
b Light petroleum product that has no additives or enhancers (2 points)	
c Heavy petroleum product (fuel oil diesel and similar petroleum products) (1 point)	
2/6/08 O M	2

Environmental Setting

1 Site located in -1 aquifer (4 points) or -2 aquifer (2 points)	2
2 Site located in a high recharge permeability geological area (4 points)	4
3 Site located within 1/2 mile of an outstanding Florida water (1 point)	0

Total 45

BUREAU OF WASTE CLEANUP

February 1, 1996

FEB 05 1996

Mr. William Scanlan
Florida Department of Environmental Protection
Bureau of Waste Cleanup
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

PETROLEUM CLEANUP SECTION

**Re: Re-Ranking of Facility Priority Score
United 500 Station #592
7702 E. Hillsborough Avenue
Tampa, Florida
DEP Facility #298625659**

Dear Mr. Scanlan:

The referenced site is an EDI eligible site (approved on June 22, 1991) with a priority ranking score of 38. In December 1992, a Contamination Assessment Report (CAR) was submitted to the Hillsborough County Environmental Protection Commission (HCEPC). A Remedial Action Plan (RAP) was submitted to the HCEPC in March of 1995. Metcalf & Eddy (M&E) received comments from HCEPC on August 11, 1995 concerning the accuracy of the RAP cost estimate. Subsequently, M&E obtained three bids for the work scope and a RAP Addendum is in preparation for submittal to HCEPC. Refer to **Appendix A** for a copy of the HCEPC comment letter and the EDI Site Priority Ranking form for this facility.

M&E is concerned with the eligibility ranking of this facility. The score does not reflect site conditions. Therefore, M&E respectfully requests re-scoring of the referenced facility based on the following reasons:

- Free product exists under the building at this facility. **Figure 1** from the RAP depicts the current separate-phase plume. Free product exists in all monitoring wells surrounding the facility. The maximum product thickness currently existing at this facility is 4.6 feet from within monitoring well MW-23.
- The interior of the building was screened with an OVA-FID on November 6, 1995, in response to the observation of a noticeable petroleum odor in the building by M&E personnel. Areas where cracks in the foundation/exterior walls occurred were screened with the OVA-FID. Responses fluctuated between 5 and 15 ppm on the meter. These responses are not high enough to indicate an

Page 2
Mr. William Scanlan
February 1, 1996

explosive atmosphere. However, the air conditioning system is run constantly to circulate the air in the building, which would reduce the OVA-FID readings as fresh outside air is mixed with the interior air. Should the air conditioning be shut off or break down, a hazardous atmosphere could result and create a threat to public health and safety. M&E feels that this shows significant cause to expedite remediation.

- The referenced facility does not obtain its water supply from the City of Tampa or Hillsborough County. One potable well is utilized on-site. Both municipalities were contacted on November 7, 1995, by a M&E geologist and it was confirmed that water in the immediate area was not provided by either the City of Tampa or Hillsborough County. A potable well survey was requested from SWFWMD and six potable wells were identified in a ¼ mile radius of the site. However, a compliance checklist performed by HCEPC on November 2, 1995 indicates that ten public supply wells exist within a ½ mile radius of the facility. Additionally, 94 private use wells exist within a ¼ mile radius of the site. A copy of the compliance checklist and SWFWMD database search are provided in **Appendix B**.
- As of this month, the Shady Palm Boarding Home, a residential area ½ mile west of the facility, was connected to the City of Tampa water supply. However, municipal water supply does not extend east of that location.
- In the past, this site was listed as strictly a diesel contaminated site. Ground water samples collected on January 10, 1995 and analyzed by EPA Method 602 indicated significantly high concentrations of volatile organic compounds including MTBE and Benzene. Elevated concentrations were detected in ground water sampled from monitoring wells MW-9, MW-10, MW-11 and MW-20. Refer to **Appendix C** for a copy of the laboratory analytical report. Further, as reported in the CAR, dispensers 5/6 (gasoline/diesel) and dispensers 7/8 (gasoline) had signs of internal leakage with saturated soils during the initial site investigation. With this evidence, it should be recognized that the product type is actually mixed light and heavy petroleum.

The aforementioned information should provide the Department with a better idea of the site conditions. M&E respectfully requests re-evaluation of the site priority score based on the information and documentation provided.

Page 3
Mr. William Scalan
February 1, 1996

Please call me at (954) 450-5163 should you have any questions or require additional information during your review of the provided data.

Sincerely,

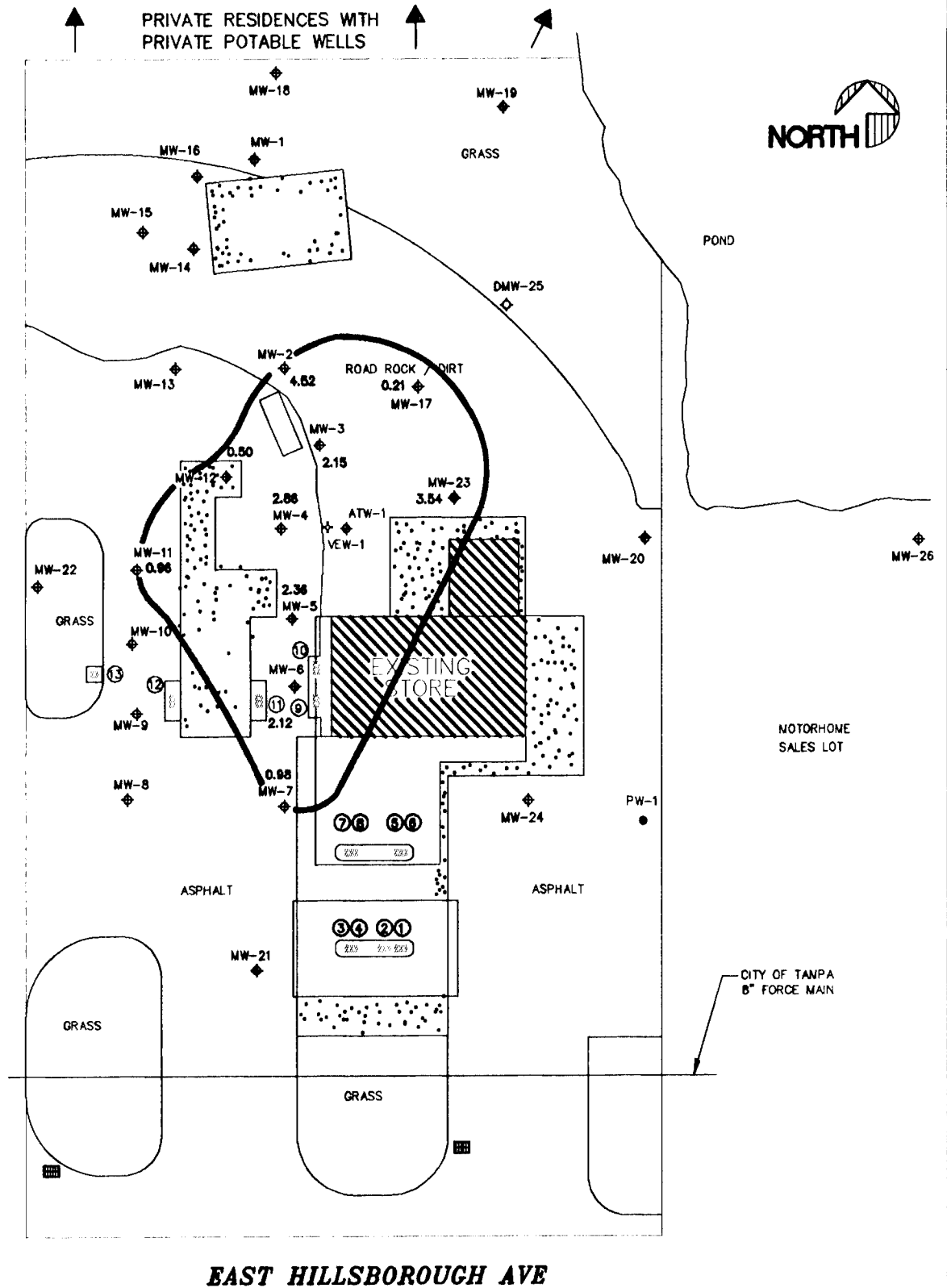

Anthony Sullivan
Manager

Enclosures

pc: V. Shahbaz -HCEPC
T. D. McRae -United Petroleum
F. Hearne -Hearne, Graziano & Nader, P.A.
B. Carrick -M&E/Orlando

FIGURE 1

CURRENT SEPARATE-PHASE PLUME



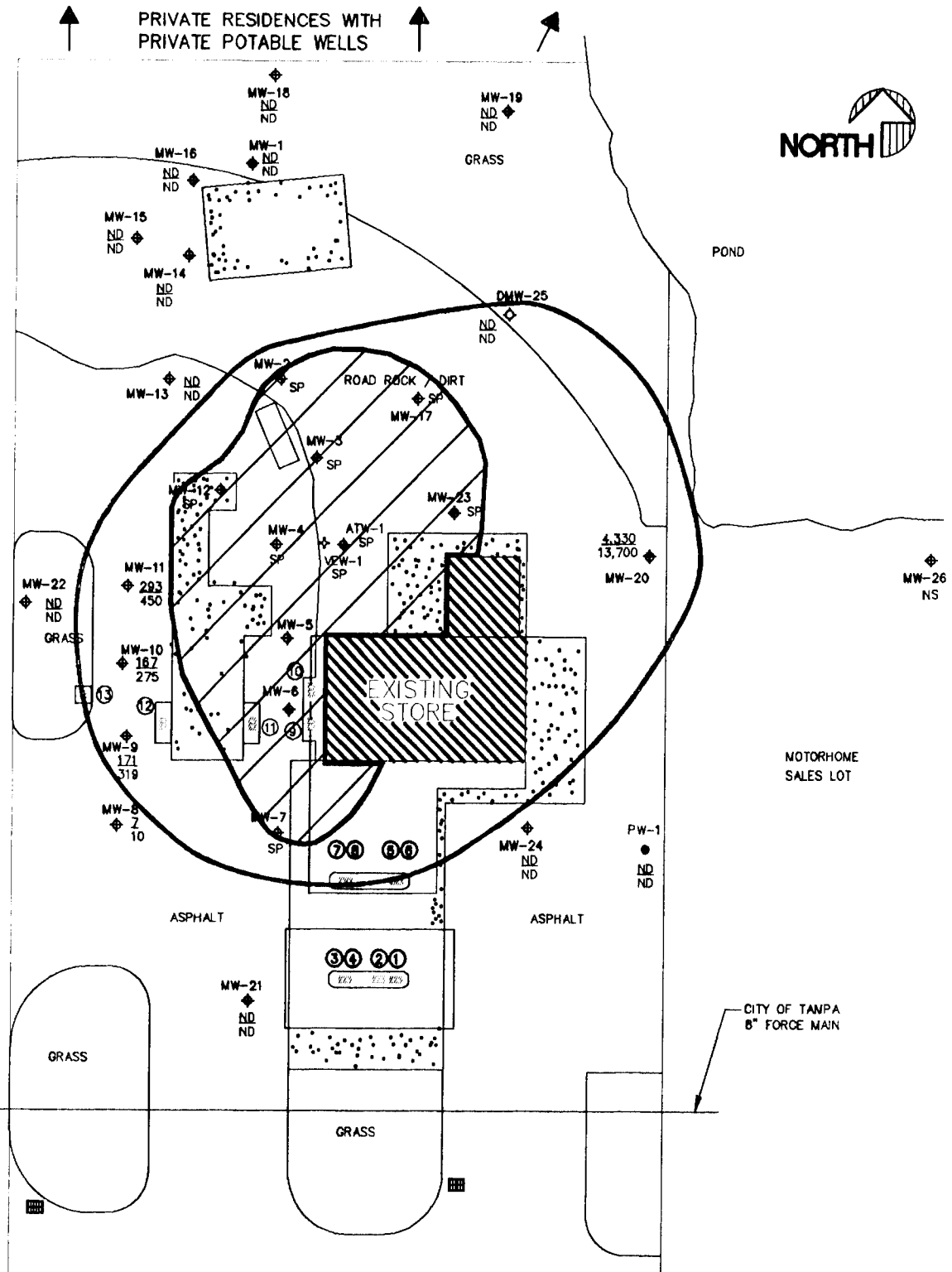
- LEGEND:
- ◆ MONITORING WELL
 - ◇ DEEP MONITORING WELL
 - PRIVATE POTABLE WELL
 - ⑦ DISPENSER NUMBER
 - 2.86 SEPARATE-PHASE HYDROCARBON THICKNESS
 - ◆ AQUIFER TEST WELL
 - ◆ VAPOR EXTRACTION WELL

DATE REVISED:
12/5/95

DRAWN BY:
PC

FILE NAME:
UNITED_P

UNITED 500 STATION #592, 7702 EAST HILLSBOROUGH AVENUE, TAMPA, FLORIDA
CURRENT EXTENT OF SEPARATE-PHASE HYDROCARBON IN GROUNDWATER

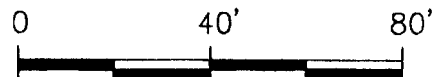


STALEY DRIVE



SAMPLING DATES:
 1/10/95 MW-1, MW-8, MW-9, MW-10,
 MW-11, MW-13, MW-14, MW-15,
 MW-16, MW-18, MW-19, MW-20,
 MW-21, MW-22, MW-24, DMW-25
 2/10/94 PW-1

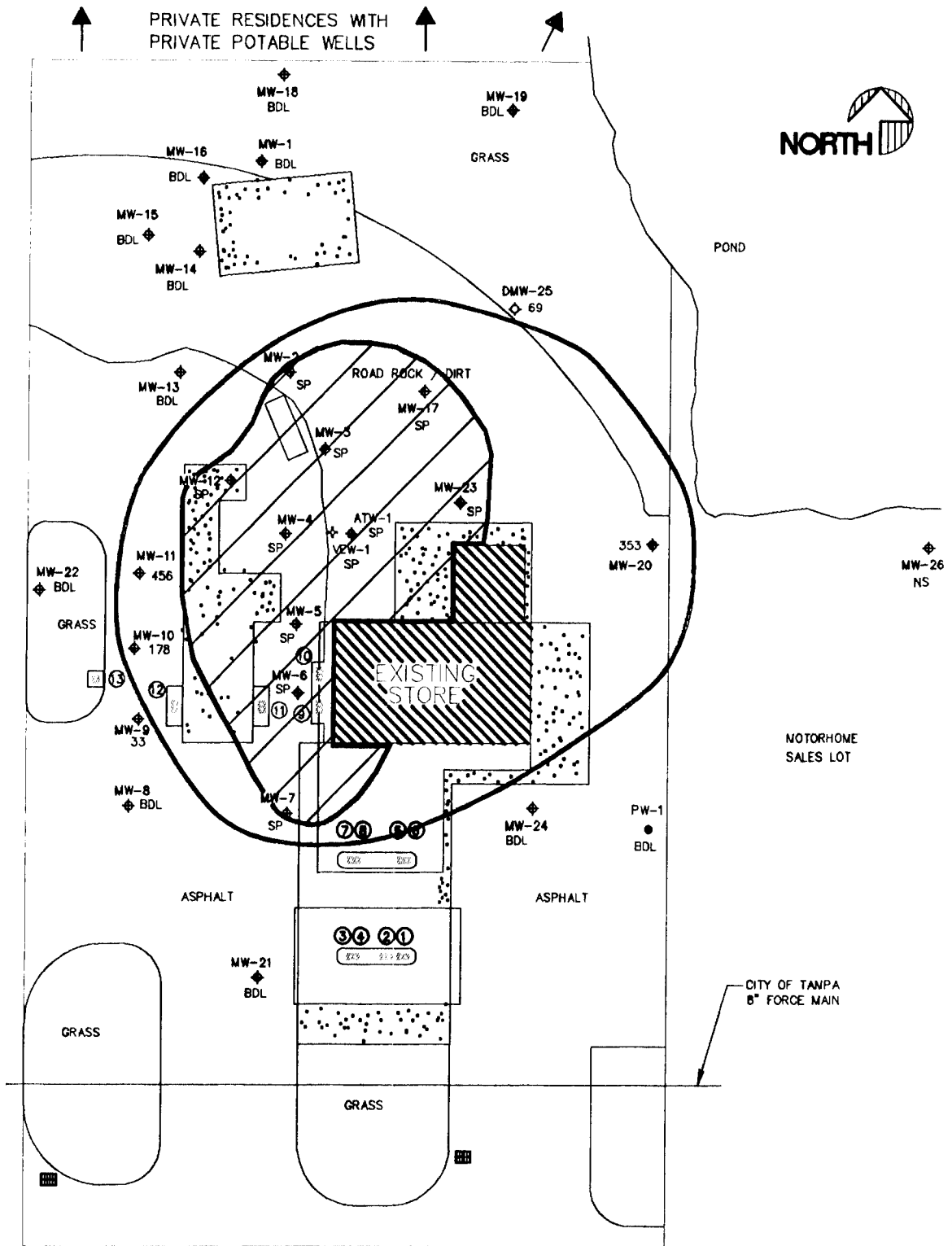
EAST HILLSBOROUGH AVE



◆ MONITORING WELL	◆ AQUIFER TEST WELL	NS NOT SAMPLED
◇ DEEP MONITORING WELL	◇ VAPOR EXTRACTION WELL	⊞ SEPARATE-PHASE HYDROCARBON
● PRIVATE POTABLE WELL	442 BENZENE ppb 1506 BTEX ppb	
⑦ DISPENSER NUMBER	○ APPROXIMATE EXTENT OF 50ppb TOTAL VOA CONTOUR LINE	
	ND NOT DETECTED	

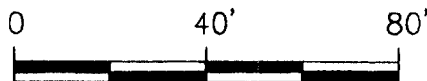
DATE REVISED:	12/5/95
DRAWN BY:	PC
FILE NAME:	UNITED_P

UNITED 500 STATION #592, 7702 EAST HILLSBOROUGH AVENUE, TAMPA, FLORIDA
 CURRENT BTEX PLUME MAP
 FIGURE 10



SAMPLING DATES:
 1/12/95 MW-8, MW-11, MW-14
 1/10/95 MW-1, MW-9 THROUGH MW-11,
 MW-13 THROUGH MW-16,
 MW-18 THROUGH MW-22,
 MW-24, DNW-25
 2/10/94 PW-1

EAST HILLSBOROUGH AVE



<p>LEGEND:</p> <ul style="list-style-type: none"> ◆ MONITORING WELL ◆ DEEP MONITORING WELL ◆ PRIVATE POTABLE WELL ⑦ DISPENSER NUMBER ⊖ SEPARATE PHASE HYDROCARBONS ◆ AQUIFER TEST WELL ◆ VAPOR EXTRACTION WELL BDL BELOW DETECTION LIMITS 44 TOTAL NAPHTHALENES ppb ○ APPROXIMATE EXTENT OF 100ppb TOTAL NAPHTHALENES CONTOUR LINE ND NOT DETECTED NS NOT SAMPLED
--

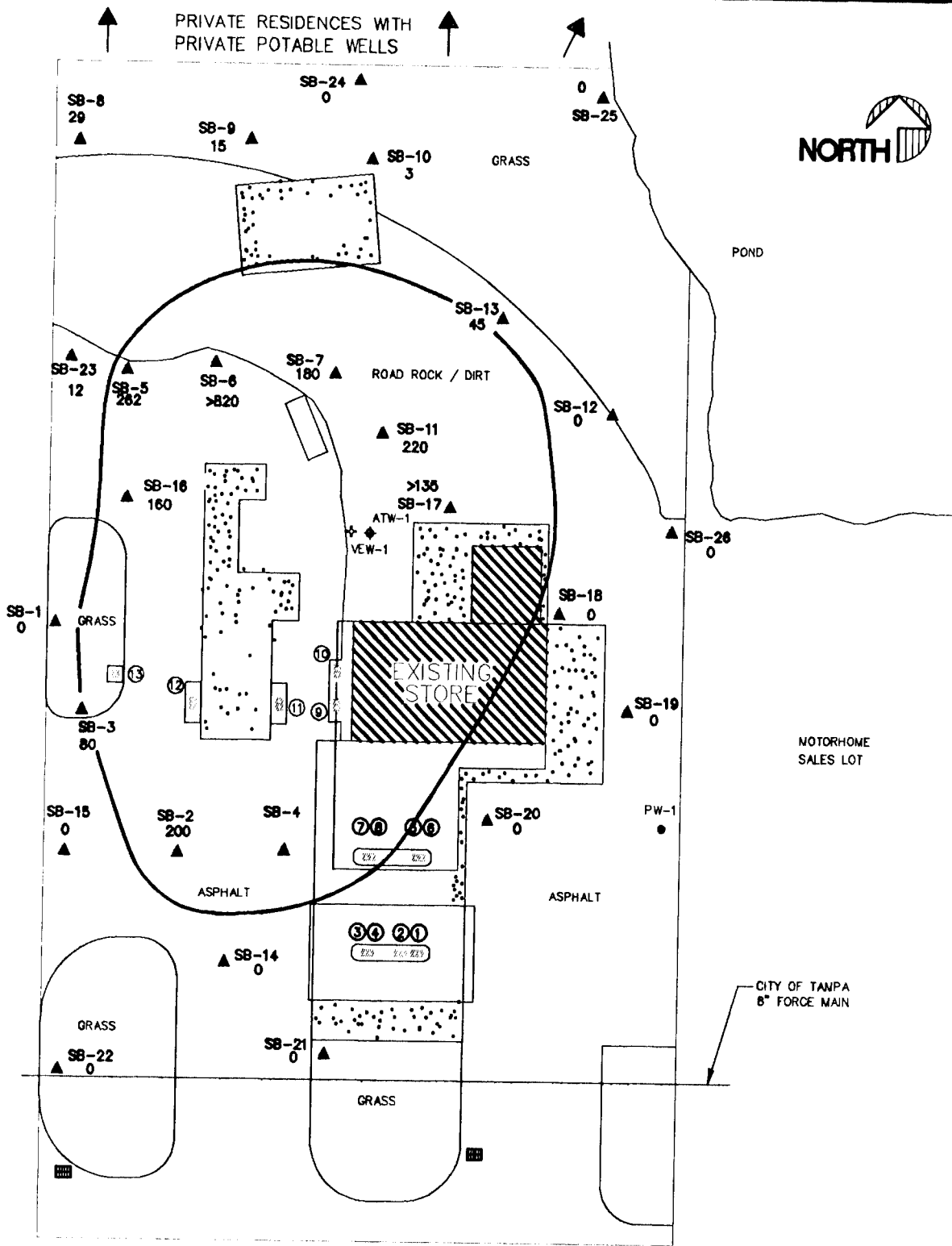
DATE REVISED:	12/5/95
DRAWN BY:	PC
FILE NAME:	UNITED_P

UNITED 500 STATION #592, 7702 EAST HILLSBOROUGH AVENUE, TAMPA, FLORIDA
CURRENT NAPHTHALENES PLUME MAP **FIGURE 11**

PRIVATE RESIDENCES WITH
PRIVATE POTABLE WELLS

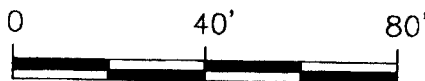


STALEY DRIVE



SAMPLING DATES:
 12/11/92 SB-1
 06/04/92 SB-16 THROUGH SB-23
 05/13/92 SB-12 THROUGH SB-15,
 SB-24 THROUGH SB-26
 03/28/92 SB-2
 04/02/92 SB-3 THROUGH SB-11

EAST HILLSBOROUGH AVE



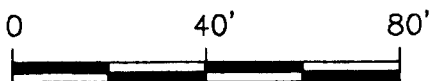
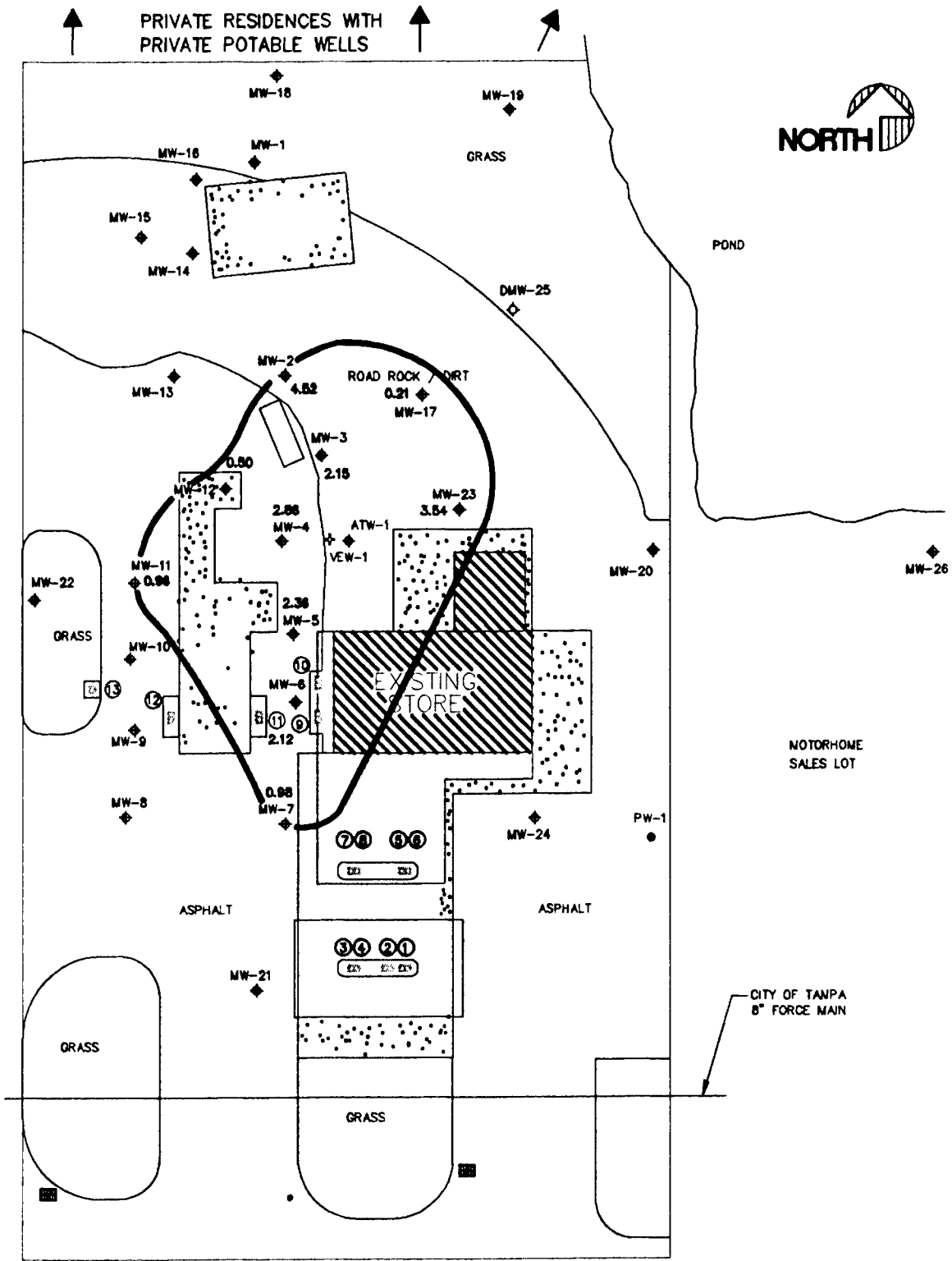
LEGEND:

- ▲ SOIL BORING
- PRIVATE POTABLE WELL
- ⑦ DISPENSER NUMBER
- ◆ AQUIFER TEST WELL
- ⊕ VAPOR EXTRACTION WELL
- 200 OVA RESPONSE
- ◊ APPROXIMATE EXTENT OF 50 ppm PETROLEUM HYDROCARBON CONTOUR LINE

DATE REVISED:
12/5/95
 DRAWN BY:
PC
 FILE NAME:
UNITED_P

UNITED 500 STATION #592, 7702 EAST HILLSBOROUGH AVENUE, TAMPA, FLORIDA
EXTENT OF HYDROCARBON VAPORS IN SOIL

FIGURE 6



- LEGEND:
- ◆ MONITORING WELL
 - ◆ DEEP MONITORING WELL
 - PRIVATE POTABLE WELL
 - ⑦ DISPENSER NUMBER
 - 2.86 SEPARATE-PHASE HYDROCARBON THICKNESS
 - ◆ AQUIFER TEST WELL
 - ◆ VAPOR EXTRACTION WELL

DATE REVISED: 12/5/95

DRAWN BY: PC

FILE NAME: UNITED_P

UNITED 500 STATION #592, 7702 EAST HILLSBOROUGH AVENUE, TAMPA, FLORIDA
 CURRENT EXTENT OF SEPARATE-PHASE HYDROCARBON IN GROUNDWATER

APPENDIX A

**HCEPC COMMENT LETTER
EDI SITE PRIORITY RANKING FORM**

COMMISSION

DOTTIE BERGER
PHYLLIS BUSANSKY
JOE CHILLURA
CHRIS HART
JIM NORMAN
ED TURANCHIK
SANDRA WILSON

EXECUTIVE DIRECTOR

ROGER P. STEWART



ADMINISTRATIVE OFFICES, LEGAL &
WATER MANAGEMENT DIVISION
1900 - 9TH AVENUE
TAMPA, FLORIDA 33605
TELEPHONE (813) 272-5960
FAX (813) 272-5157

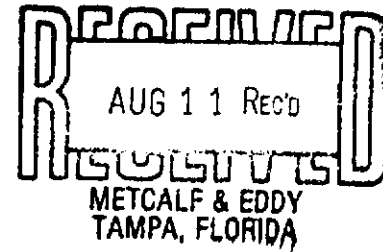
AIR MANAGEMENT DIVISION
TELEPHONE (813) 272-5530

WASTE MANAGEMENT DIVISION
TELEPHONE (813) 272-5788

WETLANDS MANAGEMENT DIVISION
TELEPHONE (813) 272-7104

August 9, 1995

Ms. Daralene L. Pondo
Project Manager
Metcalf & Eddy, Inc.
6200 Courtney Campbell Causeway, Suite 460
Tampa, Florida 33607



Dear Ms. Pondo:

SUBJECT: REMEDIAL ACTION PLAN SUBMITTAL OF 03/28/95 FOR UNITED 500
#592 LOCATED AT 7702 E. HILLSBOROUGH AVENUE, TAMPA, FLORIDA
FDEP FAC NO. 298625659

The staff of the Environmental Protection Commission of Hillsborough County has reviewed the Remedial Action Plan submittal for the above captioned site. As the submittal indicates remediation will be accomplished in two phases. Phase one will include remediation of the excessively contaminated soils and removal of the free product by excavation and off site thermal treatment. Phase two will include remediation of contaminated ground water by means of a system which will be designed after completion of phase one. Cost of completion of phase one, that is the cost associated with excavation and thermal treatment of approximately 3300 cu.Yd of contaminated soils, disposal, free product recovery, ground water assessment and tank removal costs has been estimated to be \$188,700, or 57.20 \$/cu.Yd. However, based on our experience the cost of excavation, off site treatment, disposal, clean fill and repaving (not including free product recovery, ground water assessment and tank removal costs) will be about 90 to 120 \$/cu.Yd. Thus, the cost of phase one remediation will be about \$297,000. to \$396,000 and can exceed \$400,000 when free product recovery, ground water assessment and tank removal costs are added. In light of the above, free product recovery and soil vapor extraction technology should be reconsidered with the aim to minimize the off-gas treatment cost by utilizing a thermal oxidizer capable of running on off gases when possible.

Please note that because your site has been assigned a priority score of 38 pursuant to Rule 62-771, F.A.C., you may complete the Remedial Action Plan program task if you so

D. L. Pondo
United 500 #592
August 9, 1995
Page Two

choose as per Chapter 95-2, Laws of Florida and request reimbursement after RAP approval, or you may elect not to proceed and request reimbursement for partially completed program task activities performed prior to March 27, 1995. Please note that because your site has been assigned a priority score of greater than 25 pursuant to Rule 62-771, F.A.C., you may complete the Remedial Action Plan program

Meanwhile, processing of the proposed Remedial Action Plan will be held in abeyance pending your timely response.

If you have any questions, please do not hesitate to call me.

Sincerely,



Vahid Shahbaz
Environmental Engineer II

cc: Dallas Troutt - DEP - Tallahassee
T.D. McRae - United 500 Station #592

IMAGE QUALITY

AS YOU REVIEW THE NEXT GROUP OF IMAGES, PLEASE NOTE THAT THE ORIGINAL DOCUMENTS WERE OF POOR QUALITY.

File Number 29-0003
 Facility Petrol United 600 / Branch Canal
 Latitude 27 09 49 Longitude 82 23 11

Site Priority Ranking - EDI Program

<u>Criteria</u>	<u>Yes</u>	<u>No</u>	<u>Points</u>
<u>Fire/Explosion Hazard</u>			
1. Free product or vapors at or above 20% of the Lower Explosive Limit (LEL) in utility lines, buildings or other confined spaces (60 pts.)	_____	<u>✓</u>	<u>0</u>
2. Ignitable free product on surface water or impoundments (60 pts.)	_____	<u>✓</u>	<u>0</u>
<u>Threat to Uncontaminated Drinking Water Supplies</u>			
1. Uncontaminated municipal or community well fields of greater than 100,000 gallons per day permitted capacity with a well within 1/2 mile of site (30 pts.)	_____	<u>✓</u>	<u>0</u>
<i>SI, topo, DW DB, HES</i>			
Additionally:	_____	<u>✓</u>	<u>0</u>
a. If the well field's 1 foot drawdown contour is known to encompass the site regardless of the well field's distance from the site (20 pts.)	_____		
or			
b. If the well field is located down-gradient of the site (15 pts.)	_____	<u>✓</u>	<u>0</u>
2. Uncontaminated private wells or "uncontaminated public water system well field with less than 100,000 gallons per day permitted capacity, with a well within 1/4 mile of site (20 pts.)	<u>✓</u>	_____	<u>20</u>
<i>area should be an munic. H₂O SI checked w/ City of TAMPA water supply</i>			
Additionally: <i>Shady Palm Boarding Home Home Km. west 27 09 49 82 23 11</i>			
a. If the well field's 1 foot drawdown contour is known to encompass the site regardless of the well field's distance from the site (10 pts.)	_____	<u>✓</u>	<u>0</u>

or

b. If well field is located down-gradient of the site (5 pts.)

✓

5

3. Uncontaminated surface water body used as a public water system supply within 1/2 mile of site (10 pts.)

✓

0

6

Yes No Points

Migration Potential

1. Source characteristics (select one only)

a. Recent spill or free product found in wells/boreholes (4 pts.) except free product of 2 inches or more in 2 or more wells/boreholes (6 pts.)

✓ _____ 6

b. Recent product loss (2 pts.)

_____ _____ _____

c. Wells/groundwater contaminated but no free product (2 pts.)

_____ _____ _____

2. Product Type (select only one)

a. Light petroleum product (kerosene, gasoline, aviation fuel and similar petroleum products) with water soluble additives or enhancers (MTBE, ethanol and similar substances) (3 pts.)

_____ _____ _____

b. Light petroleum product with no additives or enhancers (2 pts.)

_____ _____ _____

c. Heavy petroleum product (fuel oil, diesel and similar petroleum products) (1 pt.)

✓ _____ 1

Environmental Setting

1. Site located in G-1 area (4 pts.)

_____ ✓ 0

2. Site located in G-2 aquifer (2 pts.)

✓ _____ 2

3. Site located in high recharge/permeability geological area (4 pts.)

✓ _____ 4

USGS OFR 84-4210

4. Site located within 1/2 mile of an Outstanding Florida Water (1 pt.)

_____ ✓ 0

Total Points 30

Comments inventory leaks don't indicate problem w/ tanks, problems

may be due to spills and or dispersed leaks

Connie Ganett
Signature

4/1/87
Date

APPENDIX B

**HCEPC COMPLIANCE CHECKLIST
SWFWMD DATABASE SEARCH**

.

If yes to 9, check one:

- c. Monitoring wells are contaminated but contain no free product (vapors only).
- d. Soil contamination and/or recent product loss.

Check one:

- 10. Contamination Product Type
 - a. Light petroleum (kerosene, gasoline, aviation fuel, etc.)
 - b. Heavy petroleum (fuel oil, diesel or similar petroleum products)
 - c. Unknown or other _____

Check those that apply:

This facility is located within S-35, T-29S, R-19E but borders sections 1, 2, & 36

- 11. Potable water
 - a. Within 1/2 mile: Large wells >100,000 gpd
 - 1. Indicate direction: SW Fwmd lists 10 public supply wells
 - 2. Estimate distance: within S-1, 2, 35, 36 T-29S R-19E
 - b. Within 1/4 mile: small wells <100,000 gpd
 - 1. Indicate direction: SW Fwmd lists 94 private use wells
 - 2. Estimate distance: within S-1, 2, 35, 36 T-29S R-19E
 - c. Surface water body used as a public water system.

The adjacent residential neighborhood is on potable water
- 12. Indicate below proximity to population centers: (restaurant, shopping center, house, etc.)
 - a. < 500 feet: Indicate distance: < 100 ft residential homes
 - b. > 500 feet: Estimate distance: _____

Please indicate how the site scoring and ranking information was determined. file review & SW Fwmd potable well log

Comments: Date of discovery 4-12-91. Above grade discharge - cause not determined
Facility is an EDI eligible site & free product (>1ft) has been documented in existing monitor wells.

Forsyth Lucey
Compliance Inspector

11-09-95
Inspection Date

DER District: _____ (or) Local Program: EPC Hillsborough



An Equal Opportunity Employer

Southwest Florida Water Management District

2379 Broad Street • Brooksville, Florida 34609-6899 • 1-800-423-1476 (Florida Only) or
(904) 796-7211 • SUNCOM 628-4150 • T.D.D. Number Only (Florida Only): 1-800-231-6103

7601 Highway 301 North
Tampa, Florida 33637-6759
1-800-836-0797 or (813) 985-7481
SUNCOM 578-2070

170 Century Boulevard
Barlow, Florida 33830-7700
1-800-492-7862 or (941) 534-1448
SUNCOM 572-6200

115 Corporation Way
Venice, Florida 34292-3524
1-800-320-3503 or (941) 483-5970
SUNCOM 549-5970

2303 Highway 44 West
Inverness, Florida 34453-3809
(904) 637-1360

November 8, 1995

Metcalfe & Eddy
ATTN: Ms. Pamela Coffin
6200 Courtney Campbell Causeway Suite 460
Tampa FL 33607

Re: Request for Water Use Permit Printout(s)

Dear Ms. Coffin:

Enclosed please find the computer printout(s) generated to meet the specifications of your letter dated October 26, 1995.

Due to the relatively small size of the report, there will be no fee assessed for this reports generation.

The District does not discriminate based on disability. Anyone requiring reasonable accommodation as provided for in the ADA should contact BJ Jarvis at (904) 796-7211 or 1-800-423-1476.

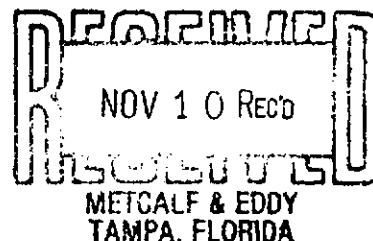
If you have any questions regarding the printout, please don't hesitate to call our office.

Sincerely,

MAUREEN T. MASON
Office Specialist
Processing & Records Section

MTM/

Excellence
Through
Quality
Service



SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WATER USE PERMITTING

SELECTION CRITERIA - FULL DETAIL WITH CONDITIONS

MUR312-01
21:11:29

PERMIT NUMBER: 20-6675-03
 PERMITTEE NAME: WCRMSA & CITY OF TAMPA (TAMPA)
 ADDRESS: 2535 LANDMARK DRIVE SUITE 211
 CITY, STATE, ZIP: CLEARWATER, FL 34621-3930
 BASIN: HILLSBOROUGH RIVE
 COUNTY: HILLSBOROUGH

SECTION(S): 26
 TOWNSHIP: 19
 RANGE: 19

SECTION(S): 1
 TOWNSHIP: 29
 RANGE: 19

OWNER ID: 185583
 OWNER NAME: WCRMSA & CITY OF TAMPA (TAMPA)
 ADDRESS: 2535 LANDMARK DRIVE SUITE 211
 CITY, STATE, ZIP: CLEARWATER, FL 34621-3930

APPL. RCVD. DATE: 11/01/93
 EXPIRE DATE: 11/21/00
 ISSUE DATE: 2/15/94

DIST ID	W/D TYP	DEPTH	W/D LAT	W/D LON	FROM SURFACE	SOURCE NAME	DIAMETER	AVG PUMPAGE	PEAK PUMPAGE	MAX PUMPAGE	WUCA
1	S	0	280057.00	822212.00			36.00	20,000,000	40,000,000	40,000,000	NTB
48	S	0	280057.00	822210.00			999.00	0	0	0	NTB
49	S	0	280059.00	822228.00			999.00	0	0	0	NTB
50	S	35	275647.00	822322.00			2.00	0	0	0	NTB
51	S	0	275647.00	822406.00			999.00	0	0	0	NTB
52	S	0	280022.00	822045.00			999.00	0	0	0	NTB
53	S	37	280022.00	822102.00			4.00	0	0	0	NTB
54	S	310	280022.00	822032.00			8.00	0	0	0	NTB
55	S	89	280055.00	822038.00			6.00	0	0	0	NTB
56	S	110	280055.00	822227.00			6.00	0	0	0	NTB
57	S	100	280103.00	822109.00			6.00	0	0	0	NTB
58	S	100	280105.00	822228.00			6.00	0	0	0	NTB
59	S	130	280109.00	822228.00			2.00	0	0	0	NTB
60	S	0	280109.00	822221.00			999.00	0	0	0	NTB
61	S	0	280105.00	822215.00			999.00	0	0	0	NTB
62	S	0	280105.00	822215.00			999.00	0	0	0	NTB

PERMITTED AVG (GPD): 20,000,000
 DAILY C.U. (GPD): 40,000,000
 NUM GWD PIS ACTIVE: 10
 NUM SMD PIS ACTIVE: 6
 TOTAL ACRES: 1.00
 ACREAGE OWNED: 1.00
 CONTROLLED: 1.00
 SERVICED: 0.00
 LEASED: 0.00

DIST ID	USE CODE	USE DESCRIPTION	USE/AVG DAILY USE ACRES	REC FRQ	RPT DUE	EFF DATE	J	F	M	A	M	J	J	A	S	O	N	D	REPORT
0	P090	OTHER USES (UNMETERED)	0.00	00	07/93	07/93	N	N	N	N	N	N	N	N	N	N	N	N	J
0	205	ADOPT WATER CONSERVATION ORIENTED RATE STRUCTURE		00	07/93	07/93	N	N	N	N	N	N	N	N	N	N	N	N	A
0	219	AUGMENTATION ONLY DURING SPECIFIED TIMES		00	05/01	05/01	N	N	N	N	N	N	N	N	N	N	N	N	M
0	220	AUGMENTATION PLAN/SCHEDULE AS SPECIFIED		00	02/01	02/01	N	N	N	N	N	N	N	N	N	N	N	N	J
0	221	AUTHORIZED USE OF WATER AS SHOWN ON TABLE		00	02/01	02/01	N	N	N	N	N	N	N	N	N	N	N	N	A
0	228	CEASE/REDUCE WITHDRAWAL UNDER SPECIFIED CONDITIONS		00	05/01	05/01	N	N	N	N	N	N	N	N	N	N	N	N	M
0	264	DISTRICT APPROVAL OF SPECIFIC PLAN/CONDITION		00	06/91	06/91	N	N	N	N	N	N	N	N	N	N	N	N	J

MUR312-01
 21:11:29

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 WATER USE PERMITTING

SELECTION CRITERIA - FULL DETAIL WITH CONDITIONS

APPENDIX C
LABORATORY ANALYTICAL REPORT



Received From:
M&E Pieco/PONDO
400 Sawgrass CorpPky
Sunrise, FL 33325

Date Reported : Jan20 1995
Project Number : United 500
PO Number : 81760
FDHRSW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

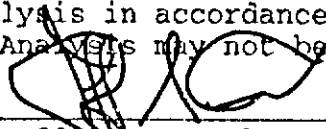
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10341 MW18	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	105.	Jan19 1995

Data Release Authorization

Sample integrity and reliability certified by Lab personnel prior to analysis.
Methods of analysis in accordance with FCL QA and EPA approved methodology.
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Jefferson S. Flowers, Ph.d.
President/Technical Director



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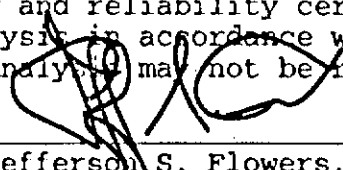
Date Reported : Jan20 1995
Project Number : United 500
PO Number : 81760
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FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10342 MW20	
		Detection Limit				
Dilution_Factor		-	-	-	10.0	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<5.00	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<5.00	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<5.00	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	4330	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<5.00	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	574.	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	5870	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	2950	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	2990	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	13700	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	109.	Jan19 1995

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FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602
Date Sampled:Jan10 1995 Date Received:Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10343 MW21	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	106.	Jan19 1995

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A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

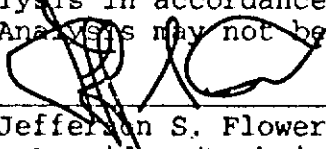
Date Sampled:Jan10 1995 Date Received:Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10344 MW22	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	106.	Jan19 1995

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FDHRSW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10345 MW24	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	2.41	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	108.	Jan19 1995

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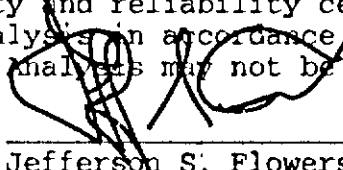
Date Reported : Jan20 1995
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FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10346 MW25	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	104.	Jan19 1995

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FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10347 DUPI	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	326.	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	38.3	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	10.6	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	114.	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	113.	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	489.	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	107.	Jan19 1995

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FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10348 DUP2	
		Detection Limit				
Dilution_Factor		-	-	-	10.0	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<5.00	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<5.00	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<5.00	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	5330	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<5.00	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	653.	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	6690	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	3610	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	4300	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	16300	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	127.	Jan19 1995

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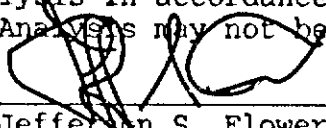
Date Reported : Jan20 1995
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FDER COMQAPNum : 86-0008G
AZLA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10349 EQ1	
		Detection Limit				
Dilution_Factor			-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	110.	Jan19 1995

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SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10350 EQ2	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	108.	Jan19 1995

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FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10351 MW1	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	109.	Jan19 1995

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SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10352 MW8	
		Detection Limit				
Dilution Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	6.75	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	1.07	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	2.00	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	9.82	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	107.	Jan19 1995

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NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10353 MW9	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	171.	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	77.5	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	10.1	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	61.2	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	44.2	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	319.	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	139.	Jan19 1995

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REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10355 MW11	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	293.	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	50.2	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	8.95	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	97.8	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	96.5	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	450.	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	108.	Jan19 1995

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SCDHEC Number : 96019

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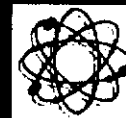
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10356 MW13	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	107.	Jan19 1995

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SCDHEC Number : 96019

For: 602
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10357 MW14	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	109.	Jan19 1995

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A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

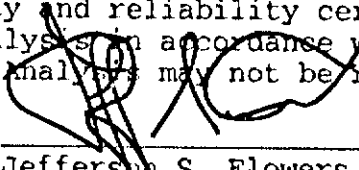
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10358 MW15	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	107.	Jan19 1995

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

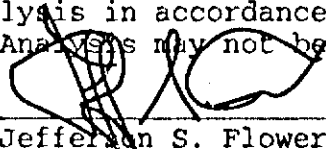
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10359 MW16	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	106.	Jan19 1995

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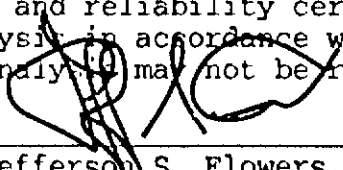
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10360 MW19	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	107.	Jan19 1995

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NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10361 MW10	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	313.	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	105.	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	13.6	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	94.5	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	185.	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	526.	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	93.1	Jan19 1995

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SCDHEC Number : 96019

For: 602
Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	10362 EQ	
		Detection Limit				
Dilution_Factor		-	-	-	1.00	Jan19 1995
o-dichlorobenzene	ug/L	0.500	98.2	7.18	<0.500	Jan19 1995
m-dichlorobenzene	ug/L	0.500	99.0	7.92	<0.500	Jan19 1995
Para-dichlorobenzene	ug/L	0.500	99.9	6.42	<0.500	Jan19 1995
Benzene	ug/L	0.500	109.	6.38	<0.500	Jan19 1995
Chlorobenzene	ug/L	0.500	103.	8.63	<0.500	Jan19 1995
Ethylbenzene	ug/L	0.500	103.	7.47	<0.500	Jan19 1995
Toluene	ug/L	0.500	109.	10.1	<0.500	Jan19 1995
Xylene	ug/L	0.500	112.	7.79	<0.500	Jan19 1995
Methyl-tert-butyleth	ug/L	0.500	115.	2.49	<0.500	Jan19 1995
Total_BTEX	ug/L	0.500	109.	7.90	<0.500	Jan19 1995
PID_Spike	ug/L	0.500	117.	7.68	105.	Jan19 1995

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REPORT OF INFORMATION

Parameter	Unit	Limit	Expected	Value	Range	Correlation
				10341		
PID_Spike	ug/L	153.	101.	105.		
				10342		
Benzene	ug/L	15000	2120	4330		
Ethylbenzene	ug/L	23700	686.	574.		
Toluene	ug/L	37700	2330	5870		
Xylene	ug/L	35100	4810	2950	202	
Methyl-tert-butyleth	ug/L	32400	1470	2990		
Total_BTEX	ug/L	44300	8300	13700	185	
PID_Spike	ug/L	153.	101.	109.		
				10343		
PID_Spike	ug/L	153.	101.	106.		
				10344		
PID_Spike	ug/L	153.	101.	106.		
				10345		
Methyl-tert-butyleth	ug/L	32400	1470	2.41		
PID_Spike	ug/L	153.	101.	108.		
				10346		
PID_Spike	ug/L	153.	101.	104.		

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.



Received From:
M&E Pieco/PONDO
400 Sawgrass CorpPky
Sunrise, FL 33325

Date Reported : Jan20 1995
Project Number : United 500
PO Number : 81760
FDHRS Number : 83139
FDER Number : E83018
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled:Jan10 1995 Date Received:Jan18 1995 Lab Numbers: 10341-10362

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected	Value	Range	Correlation
				10347		
Benzene	ug/L	15000	2120	326.		
Ethylbenzene	ug/L	23700	686.	38.3		
Toluene	ug/L	37700	2330	10.6		
Xylene	ug/L	35100	2100	114.		
Methyl-tert-butyleth	ug/L	32400	1470	113.		
Total_BTEX	ug/L	44300	4710	489.		
PID_Spike	ug/L	153.	101.	107.		
				10348		
Benzene	ug/L	15000	2120	5330		
Ethylbenzene	ug/L	23700	1650	653.		
Toluene	ug/L	37700	2330	6690		
Xylene	ug/L	35100	5680	3610		202
Methyl-tert-butyleth	ug/L	32400	1470	4300		
Total_BTEX	ug/L	44300	10200	16300		185
PID_Spike	ug/L	153.	101.	127.		
				10349		
PID_Spike	ug/L	153.	101.	110.		
				10350		
PID_Spike	ug/L	153.	101.	108.		
				10351		
PID_Spike	ug/L	153.	101.	109.		

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.



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400 Sawgrass CorpPky
Sunrise, FL 33325

Date Reported : Jan20 1995
Project Number : United 500
PO Number : 81760
FDHRS Number : 83139
FDER Number : E83018
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
					10352
Benzene	ug/L	15000	2120	6.75	
Ethylbenzene	ug/L	23700	686.	1.07	
Xylene	ug/L	35100	2100	2.00	
Total_BTEX	ug/L	44300	4710	9.82	
PID_Spike	ug/L	153.	101.	107.	
					10353
Benzene	ug/L	15000	2120	171.	
Ethylbenzene	ug/L	23700	686.	77.5	
Toluene	ug/L	37700	2330	10.1	
Xylene	ug/L	35100	2100	61.2	
Methyl-tert-butyleth	ug/L	32400	1470	44.2	
Total_BTEX	ug/L	44300	4710	319.	
PID_Spike	ug/L	153.	101.	139.	
					10354
Benzene	ug/L	15000	2120	167.	
Ethylbenzene	ug/L	23700	686.	58.6	
Toluene	ug/L	37700	2330	7.12	
Xylene	ug/L	35100	2100	42.5	
Methyl-tert-butyleth	ug/L	32400	1470	103.	
Total_BTEX	ug/L	44300	4710	275.	
PID_Spike	ug/L	153.	101.	104.	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.



Received From:
M&E Pieco/PONDO
400 Sawgrass CorpPky
Sunrise, FL 33325

Date Reported : Jan20 1995
Project Number : United 500
PO Number : 81760
FDHRS Number : 83139
FDER Number : E83018
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled:Jan10 1995 Date Received:Jan18 1995 Lab Numbers: 10341-10362

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
				10355	
Benzene	ug/L	15000	2120	293.	
Ethylbenzene	ug/L	23700	686.	50.2	
Toluene	ug/L	37700	2330	8.95	
Xylene	ug/L	35100	2100	97.8	
Methyl-tert-butyleth	ug/L	32400	1470	96.5	
Total_BTEX	ug/L	44300	4710	450.	
PID_Spike	ug/L	153.	101.	108.	
				10356	
PID_Spike	ug/L	153.	101.	107.	
				10357	
PID_Spike	ug/L	153.	101.	109.	
				10358	
PID_Spike	ug/L	153.	101.	107.	
				10359	
PID_Spike	ug/L	153.	101.	106.	
				10360	
PID_Spike	ug/L	153.	101.	107.	
				10361	
Benzene	ug/L	15000	2120	313.	
Ethylbenzene	ug/L	23700	686.	105.	
Toluene	ug/L	37700	2330	13.6	
Xylene	ug/L	35100	2100	94.5	
Methyl-tert-butyleth	ug/L	32400	1470	185.	
Total_BTEX	ug/L	44300	4710	526.	
PID_Spike	ug/L	153.	101.	93.1	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.



Received From:
M&E Pieco/PONDO
400 Sawgrass CorpPky
Sunrise, FL 33325

Date Reported : Jan20 1995
Project Number : United 500
PO Number : 81760
FDHRS Number : 83139
FDER Number : E83018
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
PID_Spike	ug/L	153.	101.	10362 105.	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.



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NCDEHNR Number : 296
SCDHEC Number : 96019

For: 602

Date Sampled: Jan10 1995 Date Received: Jan18 1995 Lab Numbers: 10341-10362

REPORT OF INFORMATION

Correlation Pairs Referenced

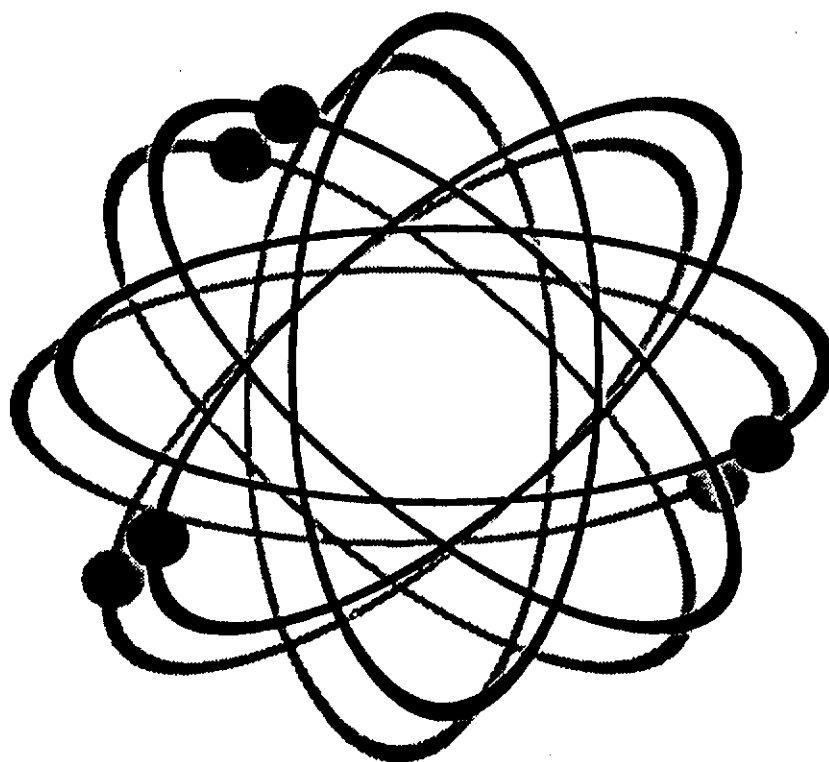
185	Ethylbenzene	Total_BTEX
202	Total_BTEX	Xylene

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.

Quality Assurance Report

Prepared for: M&E Pieco/PONDO
Project Number: United 500
Lab Numbers: 10341 - 10350

Report date: 20-Jan-95





FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10341 - 10350

Sample Handling

Sample handling and holding time criteria were met for all samples.

Surrogate Compound Recoveries:

The recovery limits were met for all samples as shown in section 1. This represents complete success.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.

The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.

The RSD was exceeded for 2 compounds as shown in section 2. This represents a 80.0% success rate.

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were exceeded for 1 compound as shown in section 4. This represents a 90.0% success rate.



FLOWERS CHEMICAL LABORATORIES, INC.

Section 1

Surrogate Compound Recovery

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10341 - 10350

PID_Spike for EPA602

Unit of measure: ug/L

Surrogate Expected: 100

Acceptability Limits: 74.6 - 130

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
10341	MW-18	105	105
10342	MW-20	109	109
10343	MW-21	106	106
10344	MW-22	106	106
10345	MW-24	108	108
10346	MW-25	104	104
10347	dup. 1	107	107
10348	dup. 2	127	127
10349	EQ1	110	110
10350	EQ2	108	108



FLOWERS CHEMICAL LABORATORIES, INC.

Section 2

Matrix Spike Recovery

Client: M&E Pieco/PONDO
 Project Number: United 500
 P.O. Number: 81760
 Date Sampled: 10-Jan-95
 Lab Numbers: 10341 - 10350

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	RSD Rec.	Acceptable Limits
o-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	41.3	103%	37.3	93.2%	28.8 - 49.2	2.82	0 - 5.22
m-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	41.8	105%	37.4	93.4%	28.9 - 49.7	3.13	0 - 5.20
Para-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	41.8	104%	38.2	95.4%	28.3 - 49.9	2.57	0 - 5.10
Benzene	ug/L	EPA602	01-19-95	40	<0.5	45.6	114%	41.6	104%	30.1 - 48.4	2.78	0 - 3.43
Chlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	43.6	109%	38.6	96.5%	29.4 - 48.6	3.55	0 - 5.33
Ethylbenzene	ug/L	EPA602	01-19-95	40	<0.5	43.2	108%	38.9	97.2%	29.5 - 48.2	3.07	0 - 3.63
Toluene	ug/L	EPA602	01-19-95	40	<0.5	46.9	117%	40.6	101%	30.5 - 47.5	4.43	0 - 3.34
Xylene	ug/L	EPA602	01-19-95	120	<0.5	141	118%	126	105%	89.3 - 142	10.4	0 - 10.8
Methyl-tert-butylether	ug/L	EPA602	01-19-95	40	<0.5	47.0	118%	45.4	113%	28.4 - 48.9	1.15	0 - 5.18
Total BTEX	ug/L	EPA602	01-19-95	240	<0.5	277	115%	248	103%	184 - 281	20.7	0 - 18.9



FLOWERS CHEMICAL LABORATORIES, INC.

Section 3

Method Blank Report

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10341 - 10350

Analyte	Unit	Method	Date	Concentration
o-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
m-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
Para-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
Benzene	ug/L	EPA602	01-19-95	<0.5
Chlorobenzene	ug/L	EPA602	01-19-95	<0.5
Ethylbenzene	ug/L	EPA602	01-19-95	<0.5
Toluene	ug/L	EPA602	01-19-95	<0.5
Xylene	ug/L	EPA602	01-19-95	<0.5
Methyl-tert-butylether	ug/L	EPA602	01-19-95	<0.5
Total_BTEX	ug/L	EPA602	01-19-95	<0.5



FLOWERS CHEMICAL LABORATORIES, INC.

Section 4

QCCS Sample Recovery

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10341 - 10350

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
o-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	42.9	107%	32.8 - 47.4
m-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	42.7	107%	33.2 - 46.7
Para-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	42.5	106%	32.2 - 47.3
Benzene	ug/L	EPA602	01-19-95	40.0	42.7	107%	35.0 - 44.6
Chlorobenzene	ug/L	EPA602	01-19-95	40.0	44.1	110%	32.0 - 47.9
Ethylbenzene	ug/L	EPA602	01-19-95	40.0	43.5	109%	33.3 - 46.3
Toluene	ug/L	EPA602	01-19-95	40.0	45.7	112%	34.9 - 44.6
Xylene	ug/L	EPA602	01-19-95	120	134	111%	100 - 138
Methyl-tert-butylether	ug/L	EPA602	01-19-95	40.0	42.4	106%	31.4 - 47.8
Total_BTEX	ug/L	EPA602	01-19-95	240	264	110%	191 - 284

Parameter	Symbol	Unit	MM-1 10651	MM-8 10652	MM-9 10653	MM-10 10654	MM-11 10655	MM-12 10656	MM-13 10657	MM-14 10658	MM-15 10659	MM-16 10660	MM-17 10661	Matrix	CA	Section	%C	Analysis Date	
Dilution Factor	*		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					DO	01-16-95
Ortho-chlorophenol	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	7.18	56.2	DO	01-19-95
meta-chlorophenol	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	7.92	26.0	DO	01-19-95
para-chlorophenol	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	4.42	26.8	DO	01-19-95
Benzene	*	ug/L	<0.5	6.75	1.71	167	293	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	4.34	106	DO	01-19-95
Chlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	4.59	109	DO	01-19-95
1,2-Dichlorobenzene	*	ug/L	<0.5	1.07	7.75	58.6	50.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	7.47	109	DO	01-19-95
Toluene	*	ug/L	<0.5	<0.5	10.1	7.12	8.95	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	10.1	106	DO	01-19-95
Xylene	*	ug/L	<0.5	2.00	61.2	42.5	97.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	7.79	112	DO	01-19-95
Diethylstilbestrol	*	ug/L	<0.5	44.2	103	96.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	2.44	118	DO	01-19-95
Total STEX	*	ug/L	<0.5	9.82	319	275	450	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA602	0.5	7.90	106	DO	01-19-95
P.O. Spike	*	ug/L	109	107	139	104	108	107	109	107	106	107	107	EPA602	0.5	7.64	117	DO	01-19-95

Project Number: United 500 Date Rec'd: 01-19-95 Type: Spike

PO Number: 81760 Date Sampled: 01-10-95

Date Analyzed: 1

Compound: 1

From: Memphis

Unit Cost: \$400

APAC: \$47180

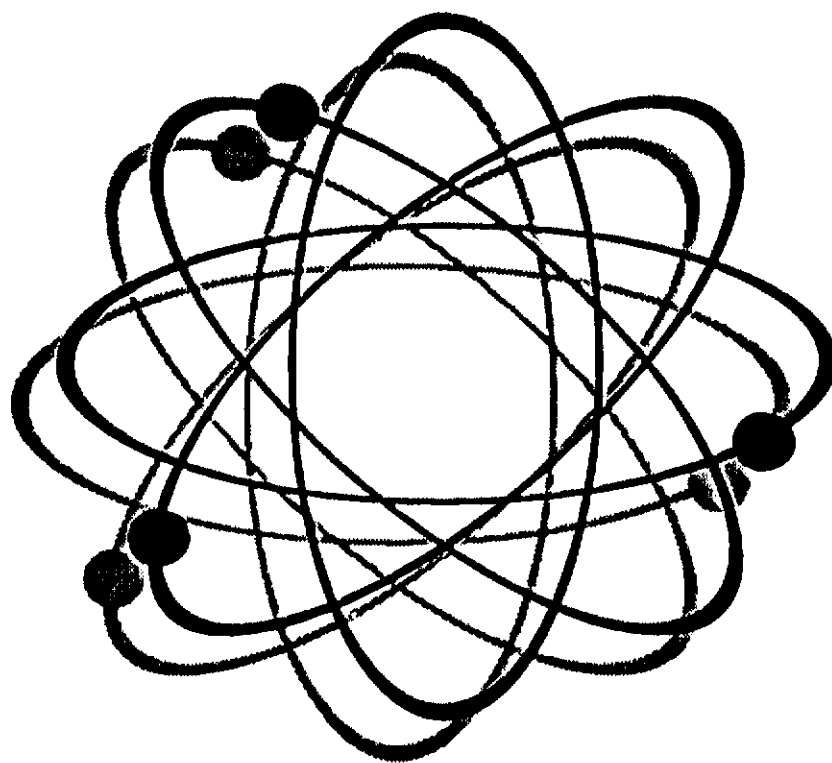
Discount: 1

0.00

Quality Assurance Report

Prepared for: M&E Pieco/PONDO
Project Number: United 500
Lab Numbers: 10351 - 10360

Report date: 20-Jan-95





FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10351 - 10360

Sample Handling

Sample handling and holding time criteria were met for all samples.

Surrogate Compound Recoveries:

The recovery limits were exceeded for 1 samples as shown in section 1. This represents a 90.0% success rate.

Surrogate exceedences are attributed to matrix interferences.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.

The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.

The RSD was exceeded for 2 compounds as shown in section 2. This represents a 80.0% success rate.

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were exceeded for 1 compound as shown in section 4. This represents a 90.0% success rate.



FLOWERS CHEMICAL LABORATORIES, INC.

Section 1

Surrogate Compound Recovery

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10351 - 10360

PID_Spike for EPA602
Unit of measure: ug/L

Surrogate Expected: 100
Acceptability Limits: 74.6 - 130

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
10351	MW-1	109	109
10352	MW-8	107	107
10353	MW-9	139	139
10354	MW-10	104	104
10355	MW-11	108	108
10356	MW-13	107	107
10357	MW-14	109	109
10358	MW-15	107	107
10359	MW-16	106	106
10360	MW-19	107	107



FLOWERS CHEMICAL LABORATORIES, INC.

Section 2

Matrix Spike Recovery

Client: M&E Pieco/PONDO
 Project Number: United 500
 P.O. Number: 81760
 Date Sampled: 10-Jan-95
 Lab Numbers: 10351 - 10360

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	RSD Rec.	Acceptable Limits
o-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	41.3	103%	37.3	93.2%	28.8 - 49.2	2.82	0 - 5.22
m-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	41.8	105%	37.4	93.4%	28.9 - 49.7	3.13	0 - 5.20
Para-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	41.8	104%	38.2	95.4%	28.3 - 49.9	2.57	0 - 5.10
Benzene	ug/L	EPA602	01-19-95	40	<0.5	45.6	114%	41.6	104%	30.1 - 48.4	2.78	0 - 3.43
Chlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	43.8	109%	38.6	96.5%	29.4 - 48.6	3.55	0 - 5.33
Ethylbenzene	ug/L	EPA602	01-19-95	40	<0.5	43.2	108%	38.9	97.2%	29.5 - 48.2	3.07	0 - 3.63
Toluene	ug/L	EPA602	01-19-95	40	<0.5	46.9	117%	40.6	101%	30.5 - 47.5	3.43	0 - 3.34
Xylene	ug/L	EPA602	01-19-95	120	<0.5	141	118%	126	105%	89.3 - 142	10.4	0 - 10.8
Methyl-tert-butylether	ug/L	EPA602	01-19-95	40	<0.5	47.0	118%	45.4	113%	28.4 - 48.9	1.15	0 - 5.18
Total_BTEX	ug/L	EPA602	01-19-95	240	<0.5	277	115%	248	103%	184 - 281	20.7	0 - 18.9



FLOWERS CHEMICAL LABORATORIES, INC.

Section 3

Method Blank Report

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10351 - 10360

Analyte	Unit	Method	Date	Concentration
o-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
m-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
Para-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
Benzene	ug/L	EPA602	01-19-95	<0.5
Chlorobenzene	ug/L	EPA602	01-19-95	<0.5
Ethylbenzene	ug/L	EPA602	01-19-95	<0.5
Toluene	ug/L	EPA602	01-19-95	<0.5
Xylene	ug/L	EPA602	01-19-95	<0.5
Methyl-tert-butylether	ug/L	EPA602	01-19-95	<0.5
Total_BTEX	ug/L	EPA602	01-19-95	<0.5



FLOWERS CHEMICAL LABORATORIES, INC.

Section 4

QCCS Sample Recovery

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10351 - 10360

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
o-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	42.9	107%	32.8 - 47.4
m-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	42.7	107%	33.2 - 46.7
Para-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	42.5	106%	32.2 - 47.3
Benzene	ug/L	EPA602	01-19-95	40.0	42.7	107%	35.0 - 44.6
Chlorobenzene	ug/L	EPA602	01-19-95	40.0	44.1	110%	32.0 - 47.9
Ethylbenzene	ug/L	EPA602	01-19-95	40.0	43.5	109%	33.3 - 46.3
Toluene	ug/L	EPA602	01-19-95	40.0	44.7	112%	34.9 - 44.6
Xylene	ug/L	EPA602	01-19-95	120	134	111%	100 - 138
Methyl-tert-butyl ether	ug/L	EPA602	01-19-95	40.0	42.4	106%	31.4 - 47.8
Total BTEX	ug/L	EPA602	01-19-95	240	264	110%	191 - 284

Parameter	Symbol	Unit	MM-18	MM-20	MM-21	MM-22	MM-24	MM-25	Jan 1	Jan 2	EQ1	EQ2	CA	Section	Survey	Agency	Date
Chloride	CL	mg/L	100	100	100	100	100	100	100	100	100	100	1	7.14	86.3	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		7.92	80.0	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		8.42	80.8	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		6.34	109	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		8.62	109	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		7.47	109	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		10.1	109	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		7.79	112	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		2.49	115	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		7.50	109	DO	01-19-95
Chloride	CL	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		7.64	117	DO	01-19-95

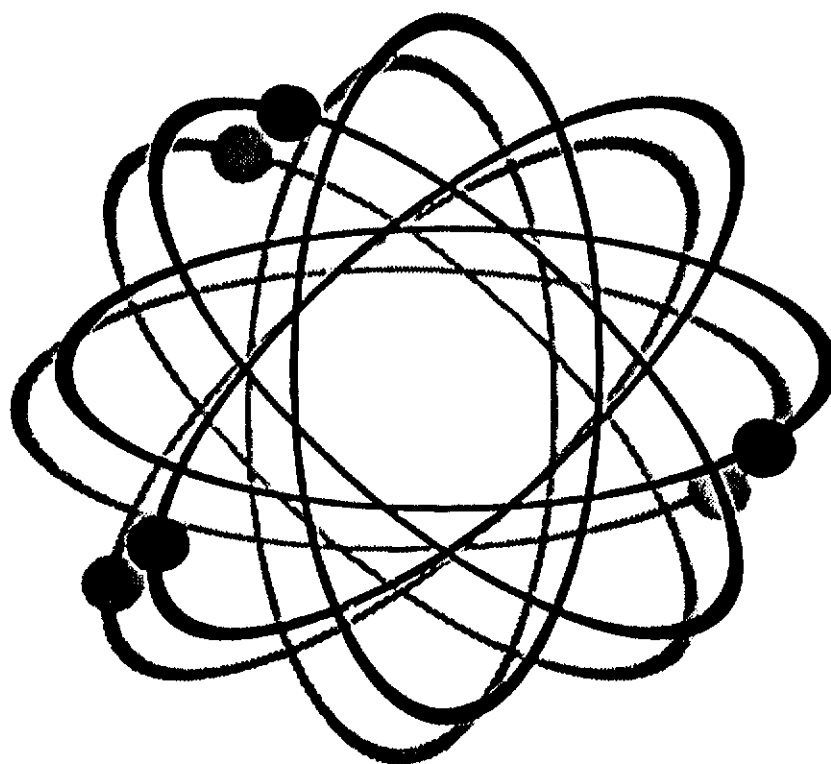
Project Number: United 500
 PO Number: 41760
 Date Sampled: 01-10-95
 Date Analyzed: 01-10-95
 Completed: 1
 Formal: Nonformal
 Unit Cost: 4600
 EPA#02: 47160
 Disposal: 1

Date Received: 01-18-95
 Type: TYPED
 Date: 01-20-95
 Sent: 01-20-95

Quality Assurance Report

Prepared for: M&E Pieco/PONDO
Project Number: United 500
Lab Numbers: 10361 - 10362

Report date: 20-Jan-95





FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client: M&E Piaco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10361 - 10362

Sample Handling

Sample handling and holding time criteria were met for all samples.

Surrogate Compound Recoveries:

The recovery limits were met for all samples as shown in section 1. This represents complete success.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.

The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.

The RSD was met for all compounds as shown in section 2.

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were met for all compounds as shown in section 4.



FLOWERS CHEMICAL LABORATORIES, INC.

Section 1

Surrogate Compound Recovery

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10361 - 10362

PID_Spike for EPA602

Unit of measure: ug/L

Surrogate Expected: 100

Acceptability Limits: 74.6 - 129

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
10361	MW-10	93.1	93.1
10362	EQ	105	105



FLOWERS CHEMICAL LABORATORIES, INC.

Section 2

Matrix Spike Recovery

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10361 - 10362

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	RSD Rec.	Acceptable Limits
o-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	36.9	92.1%	39.5	98.9%	28.8 - 49.2	1.90	0 - 5.25
m-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	39.4	98.6%	39.1	97.7%	28.9 - 49.6	0.266	0 - 5.21
Para-dichlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	35.9	89.7%	37.4	93.5%	28.3 - 49.9	1.09	0 - 5.11
Benzene	ug/L	EPA602	01-19-95	40	<0.5	37.6	93.9%	38.3	95.8%	30.1 - 48.3	0.534	0 - 3.43
Chlorobenzene	ug/L	EPA602	01-19-95	40	<0.5	38.4	96.0%	38.5	96.2%	29.4 - 48.6	0.061	0 - 5.34
Ethylbenzene	ug/L	EPA602	01-19-95	40	<0.5	36.4	91.0%	37.4	93.4%	29.5 - 48.2	0.690	0 - 3.63
Toluene	ug/L	EPA602	01-19-95	40	<0.5	37.8	94.6%	38.5	96.3%	30.5 - 47.5	0.478	0 - 3.35
Xylene	ug/L	EPA602	01-19-95	120	<0.5	115	95.6%	118	98.5%	89.3 - 142	2.51	0 - 10.8
Methyl-tert-butylether	ug/L	EPA602	01-19-95	40	<0.5	43.3	108%	47.2	118%	28.4 - 49.0	2.77	0 - 5.17
Total_BTEX	ug/L	EPA602	01-19-95	240	<0.5	226	94.4%	232	96.8%	184 - 281	4.21	0 - 18.9



FLOWERS CHEMICAL LABORATORIES, INC.

Section 3

Method Blank Report

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10361 - 10362

Analyte	Unit	Method	Date	Concentration
o-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
m-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
Para-dichlorobenzene	ug/L	EPA602	01-19-95	<0.5
Benzene	ug/L	EPA602	01-19-95	<0.5
Chlorobenzene	ug/L	EPA602	01-19-95	<0.5
Ethylbenzene	ug/L	EPA602	01-19-95	<0.5
Toluene	ug/L	EPA602	01-19-95	<0.5
Xylene	ug/L	EPA602	01-19-95	<0.5
Methyl-tert-butylether	ug/L	EPA602	01-19-95	<0.5
Total_BTEX	ug/L	EPA602	01-19-95	<0.5



FLOWERS CHEMICAL LABORATORIES, INC.

Section 4

QCCS Sample Recovery

Client: M&E Pieco/PONDO
Project Number: United 500
P.O. Number: 81760
Date Sampled: 10-Jan-95
Lab Numbers: 10361 - 10362

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
o-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	37.3	93.2%	32.8 - 47.4
m-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	38.5	96.1%	33.0 - 46.9
Para-dichlorobenzene	ug/L	EPA602	01-19-95	40.0	37.2	93.0%	32.2 - 47.3
Benzene	ug/L	EPA602	01-19-95	40.0	37.5	93.7%	34.9 - 44.6
Chlorobenzene	ug/L	EPA602	01-19-95	40.0	37.8	94.5%	32.0 - 47.9
Ethylbenzene	ug/L	EPA602	01-19-95	40.0	38.0	94.9%	33.3 - 46.3
Toluene	ug/L	EPA602	01-19-95	40.0	39.0	97.5%	34.9 - 44.6
Xylene	ug/L	EPA602	01-19-95	120	126	104%	100 - 138
Methyl-tert-butylether	ug/L	EPA602	01-19-95	40.0	37.7	94.4%	31.4 - 47.8
Total_BTEX	ug/L	EPA602	01-19-95	240	239	99.6%	191 - 284

FLOWERS CHEMICAL LABORATORIES
ANALYTICAL RESULTS FORM

MS Number 83132

Parameter	Symbol	Unit	MM-10		Date Received	Type	Date Received	Type	Date Received	Type	CA	Section	Method	MDL	%RSD	%Rec	Analyt	Date
			10581	10582														
Dialkyl Ester	*	%	1.00	1.00	01-18-95	Typical	01-20-95	Start	01-20-95			Method	0.5	7.14	44.2	DO	01-19-95	
Chloroacetylene	*	ug/L	<0.5	<0.5								EPA822	0.5	7.82	20.0	DO	01-19-95	
m-Guanidinobenzene	*	ug/L	<0.5	<0.5								EPA822	0.5	4.42	6.54	DO	01-19-95	
p-Nitrochlorobenzene	*	ug/L	<0.5	<0.5								EPA822	0.5	4.65	105	DO	01-19-95	
Benzenes	*	ug/L	313	<0.5								EPA822	0.5	7.47	109	DO	01-19-95	
Chlorobenzene	*	ug/L	<0.5	<0.5								EPA822	0.5	10.1	112	DO	01-19-95	
Fluorobenzene	*	ug/L	105	<0.5								EPA822	0.5	2.49	118	DO	01-19-95	
Toluene	*	ug/L	13.6	<0.5								EPA822	0.5	7.90	109	DO	01-19-95	
Xylene	*	ug/L	94.5	<0.5								EPA822	0.5	7.64	117	DO	01-19-95	
Methylchlorobenzene	*	ug/L	185	<0.5								EPA822	0.5			DO	01-19-95	
Total BTX	*	ug/L	526	<0.5								EPA822	0.5			DO	01-19-95	
P.O. Spec	*	ug/L	93.1	105								EPA822	0.5			DO	01-19-95	

Project Number: United 500
 PO Number: 81760
 Date Sampled: 1 01-10-95
 Date Analyzed: 1
 Completed: 1
 Comment: None
 Unit Cost: 4400
 EPA#08: 47180
 Overall: 1
 Date Received: 01-18-95
 Type: Typical
 Date Received: 01-20-95
 Type: Start
 Date Received: 01-20-95
 Type: Start

M & E

Metcalf & Eddy, Inc

400 Sawgrass Corp. Pkwy
Sunrise, Florida 33325
Tel. # (305) 646-6011
Fax # (305) 646-6886

NUMBER: N^o 0375

WORK ORDER / PO #

CHAIN OF CUSTODY RECORD

MATRIX

WATER

SOIL

OTHER

Project Manager:

Paralela Pardo

Analyzing Lab:

FLOWERS

Sampler Name (Print):

Pamela Blackwelder

Project Number: *014359-7702-004*
Site Location: *7702 E. Hillborough, United 580*
I attest that the proper sampling procedures were used during the collection of these samples.

Lab #	Sample Description	Date	Time	Composite Grab	Preservative	Container Size	# of Containers	Comments
10341	MW-18	1/10/95	1400	✓	3	A	2	EPA 239.2 (LEAD) EPA 418.1 (TRPH) EPA 504 (EDB) EPA 601 (PH) EPA 602 (BTEX & MTBE) EPA 610 (PAH) EPA 8010 (HVO) EPA 8020 (AVO) EPA 8100 (PAH) EPA 8073 (TRPH) TOTAL METALS (As, Ba, Cd, Cr, Pb, Hg, Se, Ag) TCLP METALS (As, Ba, Cd, Cr, Pb, Hg, Se, Ag) EPA 8252 (TOTAL ORGANIC HALIDES)
42	MW-20		1340	✓	3	A	2	✓
43	MW-21		1330	✓	3	A	2	✓
44	MW-22		1320	✓	3	A	2	✓
45	MW-24		1310	✓	3	A	2	✓
46	MW-25		1300	✓	3	A	2	✓
47	Dup 1		1550	✓	3	A	2	✓
48	Dup 2		1600	✓	3	A	2	✓
49	EQ 1		1440	✓	3	A	2	✓
10350	EQ 2		1610	✓	3	A	2	✓

Container Size	Preservative
A 40 ml	1 HCl
B 60 ml	2 HNO3
C 120 ml	3 HCl
D 250 ml	4 HNO3
E 500 ml	5 OTHER
F 1 liter	

REINQUISHED BY SAMPLER: _____ DATE: _____ TIME: _____ RECEIVED BY: _____

REINQUISHED BY: *Plattner* DATE: *1/16/95* TIME: *4:30 pm* RECEIVED BY: _____

REINQUISHED BY: _____ DATE: _____ TIME: _____ RECEIVED BY: _____

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

M & E

NUMBER: N2 0376

CHAIN OF CUSTODY RECORD

400 Sawgrass Corp. Pkwy
Sunrise, Florida 33325
Tel # (305) 846-8011
Fax # (305) 846-8888

WORK ORDER / PO #

MATRIX WATER SOIL OTHER

Project Number:

Project Manager:

014359-7702-004

Daralene Pardo

Site Location: 7702 E Hillsborough,
United 500 Tampa

Analyzing Lab:

Flowers

Sampler Name (Print):

I attest that the proper sampling
procedures were used during
the collection of these samples.

Parrela Blackwelder.

Lab #	Sample Description	Date	Time	Composite Grab	Preservative	Container Size	# of Containers	Comments
10351	MW-1	1/10/95	1540	✓	3	A	2	EPA 239.2 (LEAD) EPA 418.1 (TRPH) EPA 504 (EDB) EPA 601 (PH) EPA 602 (BTEX & MTBE) EPA 610 (PAH) EPA 8010 (HVO) EPA 8020 (AVO) EPA 8100 (PAH) EPA 9073 (TRPH) TOTAL METALS (As, Ba, Cd, Cr, Pb, Hg, Se, Ag) TCLP METALS (As, Ba, Cd, Cr, Pb, Hg, Se, Ag) EPA 9252 (TOTAL ORGANIC HALIDES)
52	MW-8		1530	✓	3	A	2	
53	MW-9		1520	✓	3	A	2	
54	MW-10		1510	✓	3	A	1	
55	MW-11		1500	✓	3	A	2	
56	MW-13		1450	✓	3	A	2	
57	MW-14		1430	✓	3	A	2	
58	MW-15		1420	✓	3	A	2	
59	MW-16		1410	✓	3	A	2	
10360	MW-19		1350	✓	3	A	2	

Container Size	Preservative
1 40 ml	1 40%
2 60 ml	2 100%
3 120 ml	3 10%
4 250 ml	4 100%
5 500 ml	5 OTHER
6 1 liter	

RELINQUISHED BY SAMPLER _____ DATE _____ TIME _____ RECEIVED BY _____

RELINQUISHED BY _____ DATE _____ TIME _____ RECEIVED BY _____

RELINQUISHED BY *P. Artis* DATE *1/14/95* TIME *4:50pm* RECEIVED BY LAB _____

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

M & E

Metcalf & Eddy, Inc

400 Sawgrass Corp Pkwy
Sunrise, Florida 33325
Tel # (305) 846-6611
Fax # (305) 846-8866

NUMBER: N 9 0377

WORK ORDER / PO #

CHAIN OF CUSTODY RECORD

WATER MATRIX SOIL OTHER

Project Number:

014359-702

Project Manager:

Darlene Pardo

Site Location:

Unk'd STD

Analyzing Lab:

FLOWERS

I attest that the proper sampling procedures were used during the collection of these samples.

Sampler Name (Print):

Parula Blackwelder

Lab #	Sample Description	Date	Time	Composite Grab	Preservative	Container Size	# of Containers	Comments
10361	MW-10	1/14/95	1320	✓		3	2 A	X
10362	EQ	1/14/95	1340	✓		3	2 A	X

- EPA 239.2 (LEAD)
- EPA 418.1 (TRPH)
- EPA 504 (EDB)
- EPA 601 (PH)
- EPA 602 (BTEX & MTBE)
- EPA 610 (PAH)

- EPA 8010 (HVO)
- EPA 8020 (AVO)
- EPA 8100 (PAH)
- EPA 8073 (TRPH)
- TOTAL METALS (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)
- TCLP METALS (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)
- EPA 8252 (TOTAL ORGANIC HALIDES)

Container Size	Parameter
A 40 ml	1 lead
B 60 ml	2 HNO3
C 125 ml	3 HNO3
D 250 ml	4 HNO3
E 500 ml	5 OTHER
F 1 liter	

REINQUISHED BY SAMPLER: DATE TIME RECEIVED BY

REINQUISHED BY: DATE TIME RECEIVED BY

REINQUISHED BY: DATE TIME RECEIVED BY

Alvarez

1/14/95 4:00pm

RECEIVED BY LAB

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

DALE TWACHTMANN
SECRETARY



BOB MARTINEZ
GOVERNOR

MICHAEL DEMARCO
UNITED PETROLEUM, INC.
7305 ROWLETT PARK DRIVE
TAMPA FL 33610

09/13/88

Dear MICHAEL DEMARCO,

The State Underground Petroleum Environmental Response Act of 1986 (SUPER Act) requires the Department of Environmental Regulation (DER) to rank all SUPER Act Sites to determine the order in which state-conducted cleanup will occur or reimbursement will be paid. The Site Priority Ranking Rule, Chapter 17-71, Florida Administrative Code (F.A.C.), establishes a scoring system the Department must use to accomplish this ranking. The scoring system considers the potential for damage to public health, safety or welfare, potable water supplies, and the environment. Each eligible site is ranked against all other eligible sites according to this system. Ranking and funding are performed by the DER quarterly.

Whether or not funds are obligated to any particular site depends on the site's rank and the estimated date of completion for site rehabilitation program tasks. These program tasks are: 1) initial remedial action; 2) contamination assessment report-remedial action plan and; 3) remedial action. Only those program tasks which will be completed within one year from the date of this quarter's ranking will be considered for funding. The exception is the remedial action program task which may be funded yearly until site rehabilitation is complete.

For this quarter's ranking, your site,
UNITED 500 #592
7702 E HILLSBOROUGH AVE, TAMPA
was assigned a rank of 46 out of 78, based on a score of 38. A high rank (i.e., 1) indicates a high funding priority.

Funds were not obligated for your site this quarter. However, your site will be RERANKED each quarter until funds are obligated.

If you have any questions on your site's score or rank, please contact Diane Donnally at 904/487-3299.

Sincerely,

Richard G. Wilkins, Director
Division of Waste Management

Facility I.D. #298625659 EDI/Reimbursement #290003

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APPENDIX K

*Essential Species Biological
Assessment Technical
Memorandum*

Hillsborough Avenue (US 92/SR 600)

Project Development and Environment (PD&E) Study

From 50th Street to the West of Interstate 4

Hillsborough County, Florida

FINAL

Endangered Species Biological Assessment Technical Memorandum

WPI Segment No.: 430054-1
FAP Number: Not Applicable
ETDM Project No.: 13312



Florida Department of Transportation
District Seven
11201 North McKinley Drive
Tampa, FL 33612-6456

Manuel Santos, EI
FDOT Project Manager

December 2012

PREFACE

The intent of this *Endangered Species Biological Assessment Technical Memorandum* is identify potential impacts to federally- and state-listed and protected species. This technical memorandum has been drafted to provide a separate document for regulatory agency review. This document is designated as Appendix K of the *Environmental Technical Memorandum (ETC)*.

This project was run through the Florida Department of Transportation's (FDOT) Efficient Transportation Decision Making (ETDM) process (project #13312). The following table provides the evaluation Degree of Effect and corresponding definitions used to evaluate the environmental impacts. As part of the screening process, the FDOT initiated the Advance Notification (AN) process with the Florida Clearinghouse using the Environmental Screening Tool (EST). An excerpt from the ETDM *Programming Screen Summary Report* can be found in **Attachment A**.

The Degree of Effect shown throughout this technical memorandum for each environmental category is based on the ETDM Programming Screen. Supplemental information is provided based upon the environmental analysis performed as part of this study to substantiate the impact designation noted on the Summary of Environmental Impacts Checklist and herein.

Degree of Effect – ETDM Programming Screen

Color Code	Degree of Effect	Definition	
		ETAT	Public Involvement
Purple	Not Applicable/ No Involvement	There is no presence of the issue in relationship to the project, or the issue is irrelevant in relationship to the proposed transportation action.	
Light Blue	None (after 12/5/2005)	The issue is present, but the project will have no impact on the issue; project has no adverse effect on ETAT resources; permit issuance or consultation involves routine interaction with the agency. The <i>None</i> degree of effect level is new as of 12/5/2005.	No community opposition to the planned project. No adverse effect on the community
Blue	Enhanced	Project has positive effect on the ETAT resource or can reverse a previous adverse effect leading to environmental improvement.	Affected community supports the proposed project. Project has positive effect.
Green	Minimal (after 12/5/2005)	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Log-cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
Yellow	Moderate	Agency resources are affected by the proposed project, but avoidance and minimization options are available and can be addressed during development with a moderate amount of agency involvement and moderate cost impact.	Project has adverse effect on elements of the affected community. Public involvement is needed to seek alternatives more acceptable to the community. Moderate community interaction will be required during Project Development.
Orange	Substantial	The project has substantial adverse effects, but ETAT understands the project need and will be able to seek avoidance and minimization or mitigation options during Project Development. Substantial interaction will be required during Project Development and permitting.	Project has substantial adverse effects on the community and faces substantial community opposition. Intensive community interaction with focused Public Involvement will be required during Project Development to address community concerns.
Red	Dispute Resolution (Programming)	Project does not conform to agency statutory requirements and will not be permitted. Dispute resolution is required before the project proceeds to programming.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
	No ETAT Consensus	ETAT members from different agencies assigned a different degree of effect to this project, and the ETDM coordinator has not assigned a summary degree of effect.	
	No ETAT Reviews	No ETAT members have reviewed the corresponding issue for this project, and the ETDM coordinator has not assigned a summary degree of effect.	

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Attachment A ETDM Programming Screen Summary Report (Excerpt)

Attachment B USFWS Concurrence Letter

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INTRODUCTION

Hillsborough Avenue (Roadway ID No. 10-030-000) is an east/west facility, which in its entirety, extends from a western terminus at US 19 in Pinellas County to an eastern terminus east of Orient Road with a direct connection to Interstate 4 (I-4). Within the limits of this project, Hillsborough Avenue is designated as US 92/SR 600. **Figure A** shows an aerial location map of the study area.

Project Description

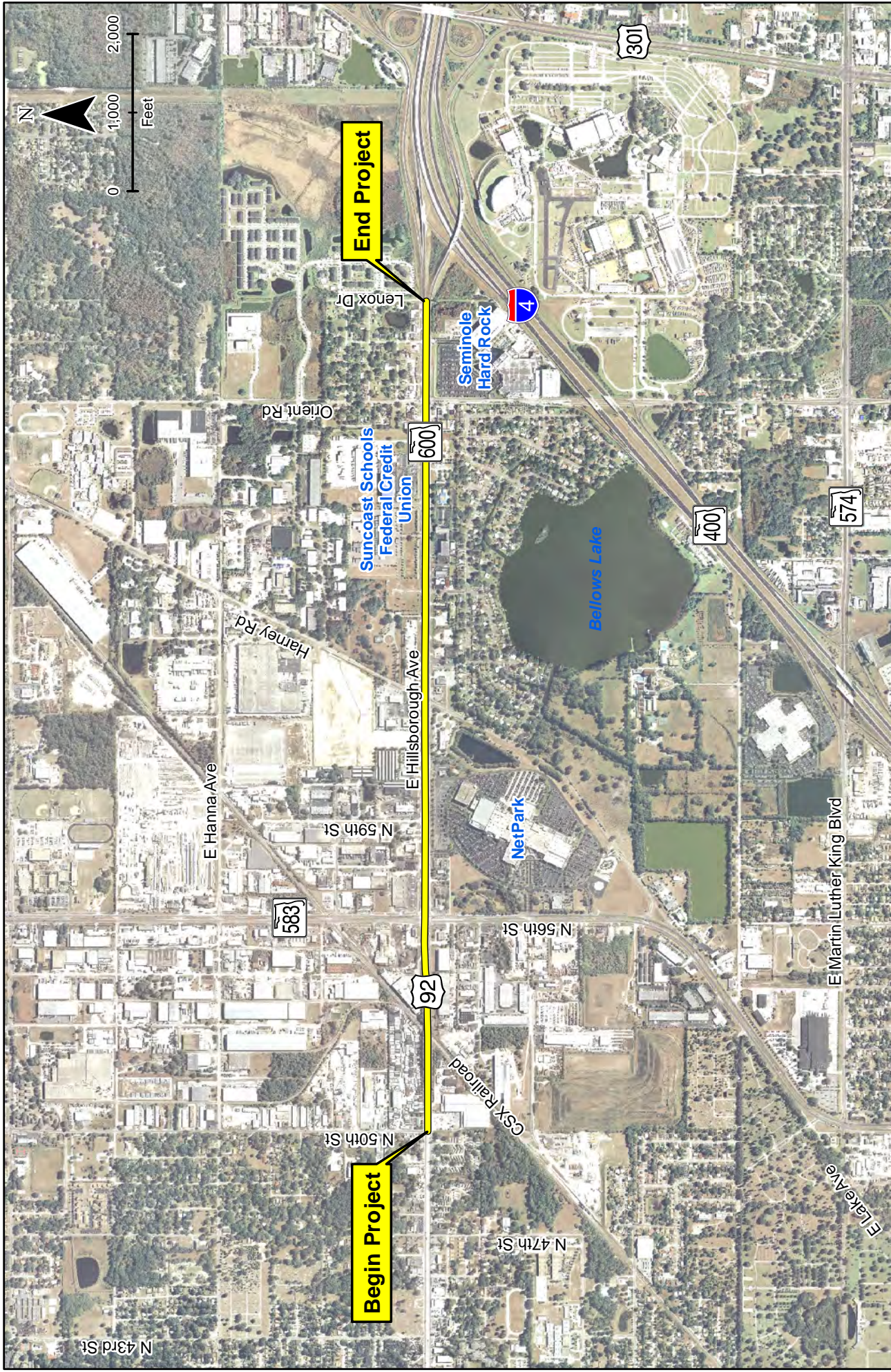
The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study to evaluate the widening of approximately 2 miles along Hillsborough Avenue from 50th Street to west of I-4. Hillsborough Avenue is a major east-west arterial in central Hillsborough County that connects US 301 and I-4 and provides access to many commercial, industrial and residential areas within central Hillsborough County. The roadway is to be improved from an existing 4-lane divided to a 6-lane divided roadway.

The sections, townships, and ranges where the project is located are summarized in **Table A**.

Table A Sections, Townships, Ranges

Sections	Townships	Ranges
Hillsborough County		
33, 34, 35, 36	28 S	19 E
01, 02, 03, 04	29 S	19E

The purpose of this report along with other support documents is to document the engineering and environmental analysis performed to support decisions related to project alternatives. In addition, it summarizes existing conditions, documents the purpose and need for the project, and documents other data related to preliminary design concepts. These preliminary design concepts establish the functional or conceptual requirements that will be the starting point for the final design phase.




Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
 WPI Segment No. 430054-1
 Hillsborough County

Project Location Map
Figure A

Study Purpose and PD&E Process

The objective of the PD&E study process is to provide the documentation necessary to reach a decision on the type, conceptual design, and specific location of the improvements identified as being needed. Factors considered include transportation needs, socioeconomic and environmental impacts, and engineering requirements. In general terms, the process involves the following steps:

- (1) the establishment of project need
- (2) the gathering and analysis of detailed information regarding the natural and cultural features of the study area
- (3) the development of a number of alternatives for meeting the project need
- (4) the selection of a Recommended Alternative, and
- (5) documenting the entire process in a series of reports

During the process, communication with the affected public is accomplished directly, through public meetings, and indirectly, through interaction with elected officials and agency representatives.

The FDOT's Efficient Transportation Decision Making (ETDM) process provides agencies and the public access to project planning information, as well as potentially affected environmental resources through use of the internet via the Environmental Screening Tool (EST). The tool allows interaction among transportation planners, regulatory agencies and affected communities to provide input on projects. The agency representatives involved in the interaction are referred to as the Environmental Technical Advisory Team, or ETAT members. The team provides a review of the projects on a variety of areas such as environmental and community impacts. Key features of the ETDM Process include:

- early agency and community involvement
- early identification of avoidance and mitigation strategies
- access to comprehensive data in standardized formats
- reviews and studies focused on key issues
- permit issuance linked to National Environmental Policy Act (NEPA) reviews
- maximized use of technology for coordination, project scoping and communication

ETDM provides the ability for early agency interaction and coordination during project development, which can improve the quality of decisions and reduce cost and time delays during the PD&E Study.

Project Purpose and Need

The purpose and need for the proposed project includes the following items:

- To provide **additional highway capacity** along Hillsborough Avenue to meet future travel demands.
- To **safely accommodate** future vehicle traffic as well as non-motorized users.
- To provide improved **hurricane/emergency evacuation** for portions of Hillsborough County.
- To provide improvements **consistent with local transportation plans** while obtaining **community support** and **minimizing community impacts**.
- To develop a transportation solution that is **financially feasible** for FDOT to build, operate, and maintain.

Additional factors are discussed below.

The Regional Network and FIHS/SIS Requirements

The Hillsborough Avenue project would provide an important link in the regional transportation network. Hillsborough Avenue is a major east-west facility within Hillsborough County that connects I-4 and US 301. With this improvement there will be 6-lanes of capacity along Hillsborough Avenue from US 19 in Pinellas County to I-4 in Hillsborough County. East of I-4, this roadway is a 2-lane facility that connects to eastern Hillsborough County and into Polk County.

Hillsborough Avenue is functionally classified as an “urban principal arterial – other”. While Hillsborough Avenue is not on the Strategic Intermodal System (SIS), it terminates east of Orient Road with a direct connection to I-4 which connects to I-75 and I-275, both of which are SIS facilities. The SIS is a statewide network of highways, railways, waterways and transportation hubs that handle the bulk of Florida’s passenger and freight traffic.

Transportation Demand and Levels of Service

There are five signalized intersections located within the study limits, all of which have at least one approach operating at Level of Service (LOS) E or F during the existing design hour. In 2010, Hillsborough Avenue, from 50th Street to west of I-4, carried between 36,200 and 41,900 vehicles per day (vpd). This segment of Hillsborough Avenue is projected to carry volumes between 67,600 and 79,600 vpd by 2040, which would yield a failing LOS. Without this proposed project, the traffic congestion is expected to become more severe and could hinder economic growth in the areas served by this corridor.

Emergency Evacuation

Hillsborough Avenue is designated as an emergency evacuation route by Hillsborough County Emergency Management. This roadway connects to major highways including I-4, US 301, and I-

275. As Hillsborough County’s population grows, this existing route’s capability to provide a satisfactory LOS for emergency evacuation will continue to decrease.

Multimodal Service

Currently, there are no designated bicycle facilities located within the study limits; however, there are existing paved shoulders that bicyclists can use. Bicycle and pedestrian facilities are planned for the proposed project and will be evaluated as part of this PD&E Study. The Hillsborough Area Regional Transit (HART) currently has four bus routes that run along Hillsborough Avenue and three bus routes that intersect Hillsborough Avenue within the study limits. There is an existing bus transfer facility at the Netpark Transfer Center located approximately 0.5 mile south of Hillsborough Avenue along 56th Street near Harney Road. HART is presently studying a potential East-West Metro Rapid Line (Bus Rapid Transit), a portion of which is planned to run along Hillsborough Avenue from I-275 (west of the project) to 56th Street.

Safety

There were 726 crashes reported between 50th Street and I-4 on Hillsborough Avenue during the 5-year period of 2005-2009. Rear-end crashes accounted for 50 percent of the total crashes, angle crashes accounted for 22 percent, sideswipe crashes accounted for 7 percent, left-turn crashes accounted for 6 percent, and the remaining 15 percent of the crashes were the result of other miscellaneous traffic movements. It is anticipated that safety will be enhanced due to capacity improvements as well as related intersection improvements. The proposed improvements would reduce congestion and improve congestion-related safety issues.

Consistency with Transportation Plans

This project is included in the Hillsborough County Metropolitan Planning Organization’s (MPO’s) Year 2035 Long-Range Transportation Plan (LRTP) in the Cost Affordable Plan. The West Central Florida MPO Chair’s Coordinating Committee (CCC) Hillsborough Avenue is in the Cost Affordable 2025 Plan classified as a “regional road” in west central Florida.

Table B Hillsborough MPO LRTP Cost Affordable Plan

Phase	Time Period
PD&E/Preliminary Engineering	2016-2020
Right of Way	2021-2025
Construction	2026-2030

Existing Conditions

Hillsborough Avenue currently has a 4-lane divided rural typical section; the predominant typical section is shown in **Figure B**. The existing roadway has 12-foot travel lanes, 5-foot paved outside shoulders and a 40-foot grassed median from west of 56th Street to the western terminus of I-4 ramps. The posted speed limit is 45 miles per hour (mph), except for a short segment from east of Harney Road to the western terminus of the I-4 ramps, which is posted at 50 mph. The existing right-of-way (ROW) width varies from 104 to 240-feet, with 200 feet being the most typical width. There are five signalized intersections included within the study limits: Hillsborough Avenue at 56th Street (SR 583), Net Park Driveway, Harney Road, Suncoast Schools Federal Credit Union/Averitt Express Driveway, and Orient Road.

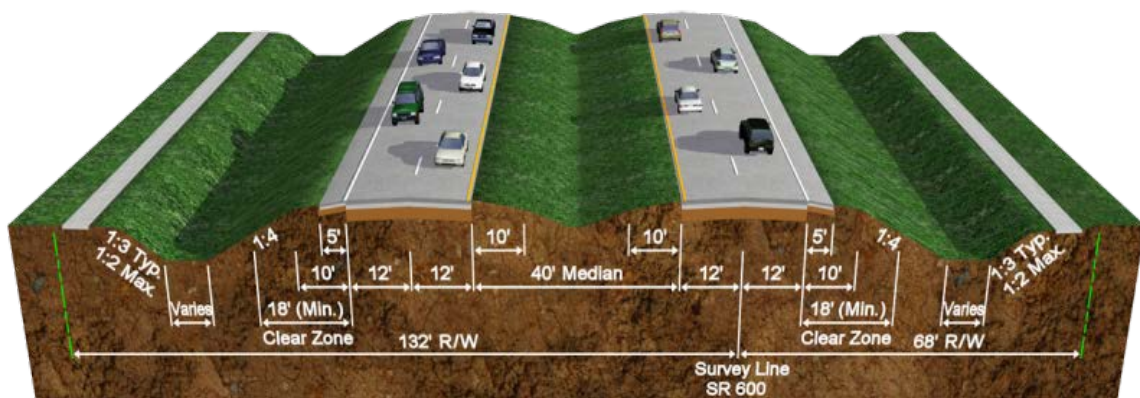


Figure B Existing Roadway Typical Section

Sidewalks are nearly continuous on the north side, and new sidewalk is being constructed on the south side as part of a 3R (resurfacing) project to be let in late 2012 (FPID nos. 427149-1-52-01 and 427169-1-52-01). This 3R project will also complete the sidewalk gaps on the north side. The existing typical sections do not include bicycle lanes; however, 5-foot paved shoulders are available for use by bicyclists in most areas. In addition, the planned 3R project includes construction of “keyhole” bicycle lanes between right-turn lanes and thru lanes to provide for bicycle lane continuity.

There is one bridge structure (Bridge No. 100021) located within the study limits: the Hillsborough Avenue Bridge over the CSX Railroad, between 50th and 56th Streets. The bridge typical section is shown in **Figure C**. The existing bridge consists of a poured-in-place concrete deck supported by steel I-beams on prestressed concrete pile bents. This bridge was originally constructed in 1936 with a 55-foot main span and two 54-foot-3-inch approach spans. This bridge was widened in 1954 to provide dual 26-foot clear roadway sections separated by a raised 4-foot wide concrete separator, with 3-foot wide sidewalks with 1-foot 1-inch concrete post and rail barriers. The latest bridge inspection report gave a sufficiency rating of 86.6, a health index of 96.63 and a classification of “functionally obsolete”. The existing bridge is recommended for replacement instead of widening due to its substandard horizontal and vertical clearances, age of the structure, existing deficiencies and long-term maintenance costs.

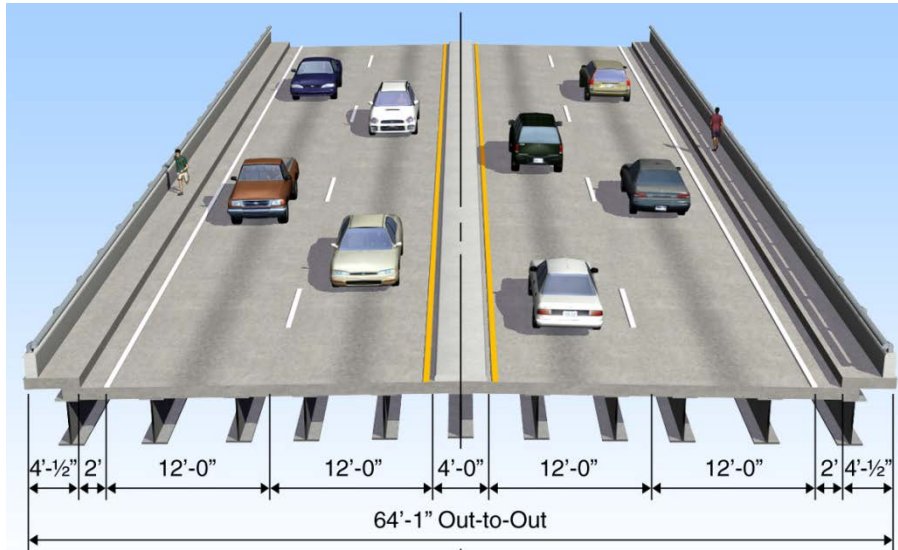


Figure C Existing Bridge Typical Section

With respect to existing drainage conditions, the existing conveyance system is an open system of roadside and median ditches and swales. There are also segments of closed storm drain that discharge to the roadside ditches. There are no permitted storm water management facilities (SMFs) associated with the existing roadway.

Proposed Improvements

The “Build” Alternative includes widening the existing roadway to six lanes, as well as intersection improvements (adding auxiliary turn lanes) at 56th Street, Net Park Driveway, Harney Road, and Orient Road and construction of storm water management facilities. Modifications to the medians are also proposed at three locations to improve safety and traffic operations. A preliminary recommended roadway typical section is shown in **Figure D**. A “No-Build” Alternative will also be considered. The proposed project is not funded in FDOT’s current 5-year work program. Alternative bridge typical sections for the bridge over the CSX railroad are shown in **Figure E**.

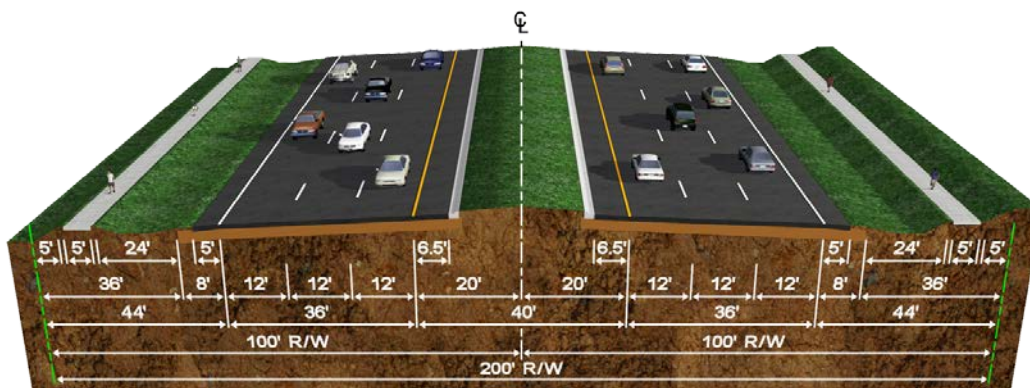
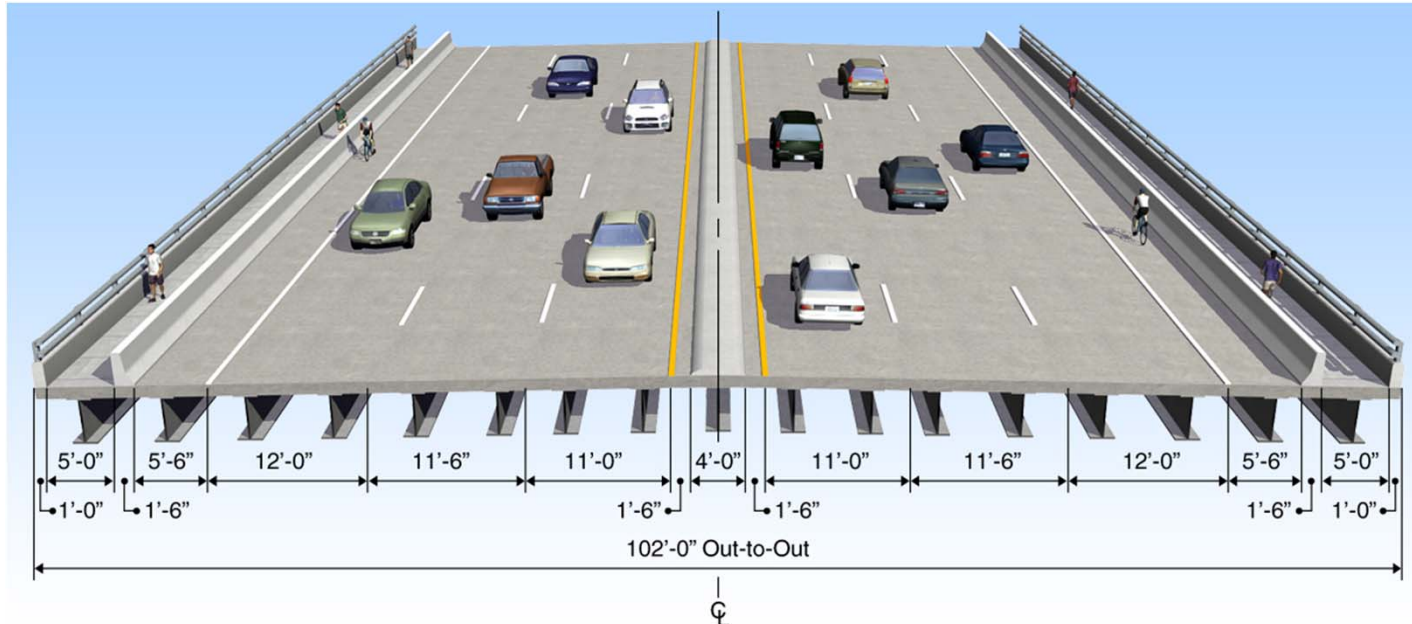
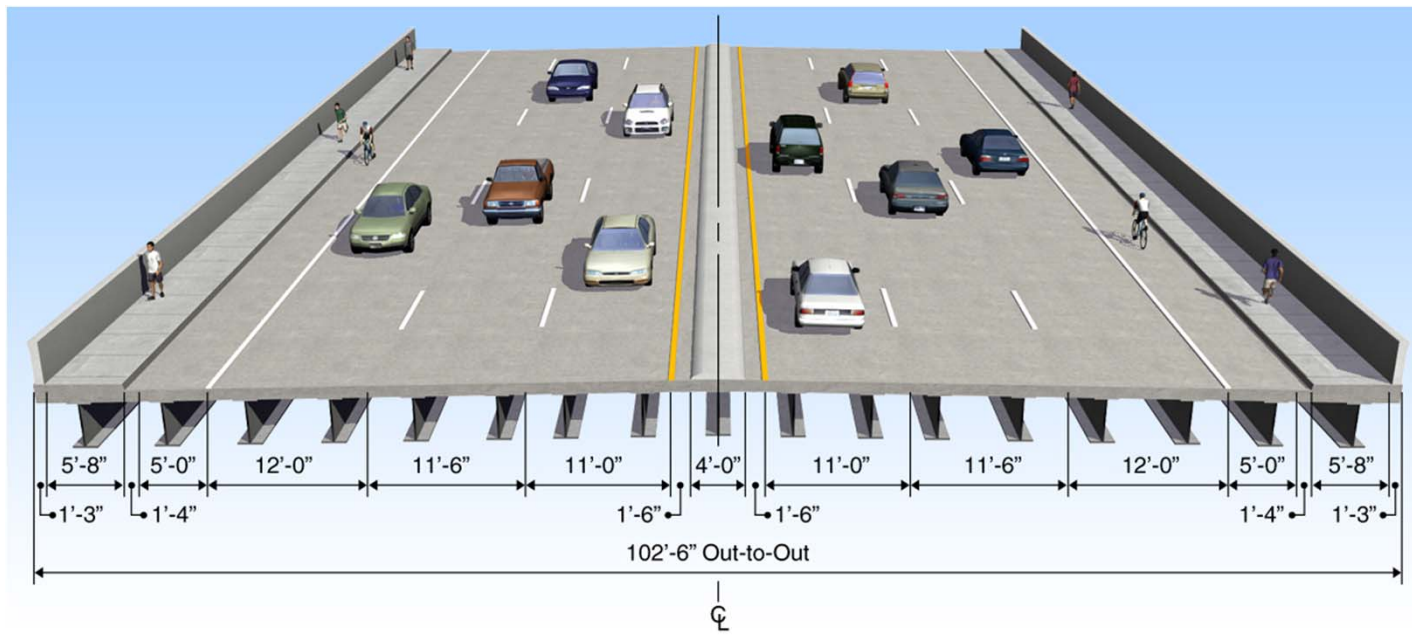


Figure D Proposed Suburban Roadway Typical Section

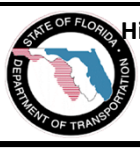


Alternative B-1



Alternative B-2

Note: out-to-out dimensions could vary slightly depending on the type of bridge traffic railing used.



Hillsborough Avenue (SR 600/US 92) PD&E Study
 From 50th Street to Interstate 4
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**Alternative Typical Sections
 for Bridge over CSX**

Figure E

SECTION 1 – LAND USE

The Efficient Transportation Decision Making (ETDM) *Programming Screen Summary Report* documented the following Degrees of Effect for Land Use Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

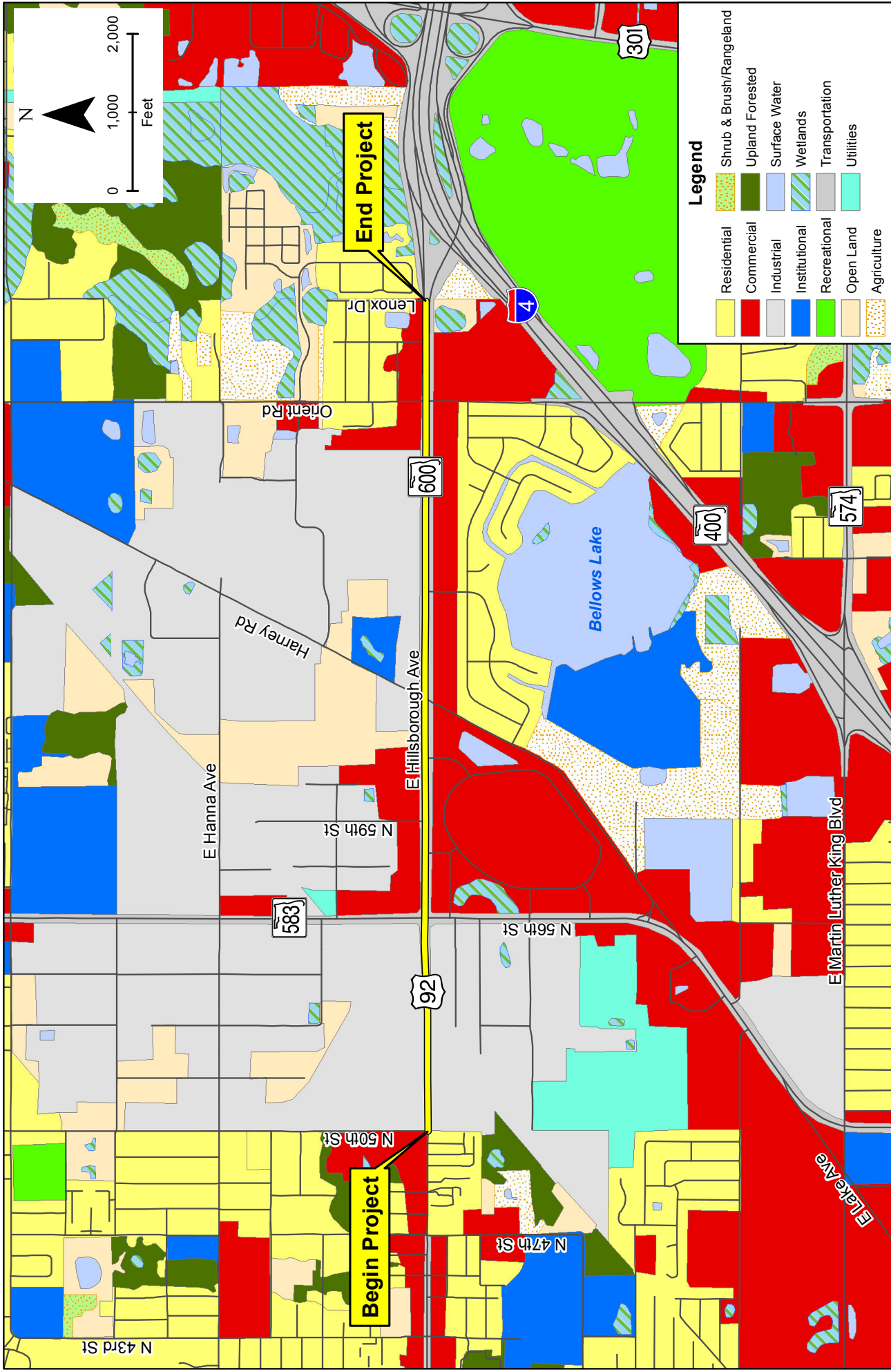
Agency	Degree of Effect
Hillsborough County MPO	None
FDCA	None
Summary Degree of Effect	
Final Summary Degree of Effect	None

1.1 Existing Land Use

General land use within the project corridor can be categorized as commercial and industrial immediately adjacent to Hillsborough Avenue. Residential land uses can be found outside the immediate project corridor with the adjacent commercial and industrial areas providing a buffer from Hillsborough Avenue. For purposes of this analysis, the following generalizations were made: Heavy and Light Commercial were combined into Commercial; Heavy and Light Industrial were combined into Industrial; and Mobile Home Park, Multi-Family, Single Family/Mobile Home, and Two Family were combined into Residential. The existing land uses within and adjacent to the project corridor can be found in **Figure 1-1**. The project corridor is a highly urbanized area with very little undeveloped land. An analysis of this data was performed by creating a 500-foot buffer in all directions from the centerline of Hillsborough Avenue to estimate the existing land uses within and adjacent to the corridor. This data is summarized below in **Table 1-1**.

Table 1-1 Existing Land Use

Land Use Description	Land Use Acreage w/in Project Buffer	Land Use Percentage w/in Project Buffer
Agriculture	1.17	0.45%
Commercial	95.47	37.09%
Industrial	93.13	36.18%
Institutional	2.52	0.98%
Open Land	3.66	1.42%
Residential	20.54	7.98%
Transportation (R/W)	36.29	14.10%
Water	1.65	0.64%
Wetlands	2.97	1.15%
Total	257.39	100%



Hillsborough Avenue (SR 600/US 92) Corridor Study
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Existing Land Use Map

Figure 1-1

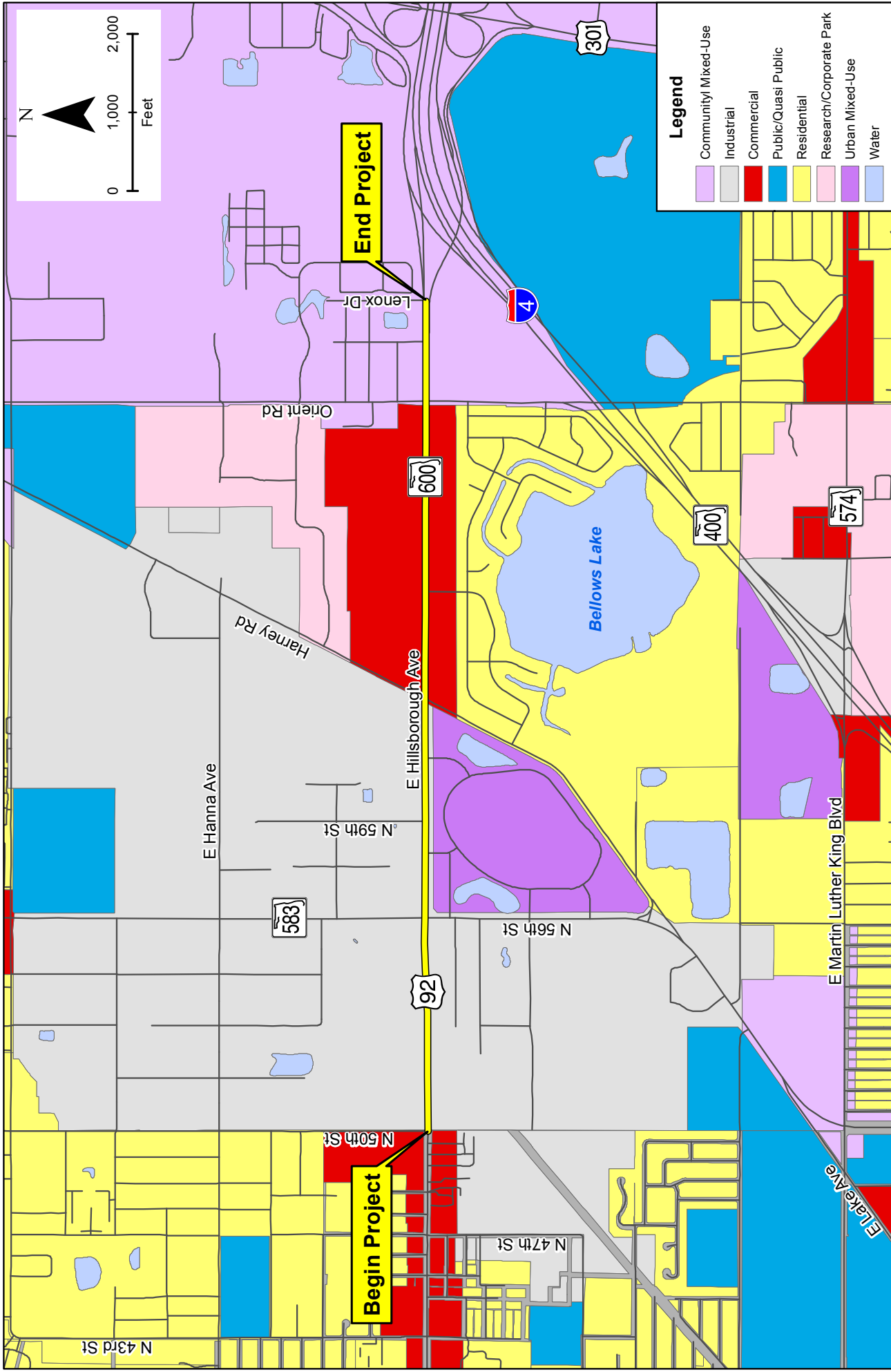
Source: SWFWMD

1.2 Future Land Use

Because the project corridor is currently a highly urbanized area, no major changes are expected to occur to the future land use. Hillsborough County and City of Tampa future land use geographical information system (GIS) data was analyzed to determine what, if any, changes could be expected to the land uses surrounding Hillsborough Avenue. The majority of the project is located within unincorporated Hillsborough County, with a small portion at the west end of the project located within the City of Tampa. Based on the available data, the area immediately adjacent to Hillsborough Avenue is anticipated to experience minimal changes in land use. Transportation/Right-of-way (ROW) decreases from approximately 14 percent (existing) to less than 1 percent (future), based on the fact that Hillsborough County data does not include this category. It is assumed that Transportation/ROW will not decrease in the future and is included in other future land use categories. Future land use data from Hillsborough County and City of Tampa is shown in **Figure 1-2**. An analysis of this data was also conducted and utilized the same 500-foot buffer from the Hillsborough Avenue centerline that was used to analyze the existing land use. **Table 1-2** below summarizes the future land use acreages anticipated to be found along the corridor. The proposed roadway improvements should have no impact or change to land use patterns along the project corridor. Therefore, this category had been designated as NONE on the Summary of Environmental Impacts Checklist.

Table 1-2 Future Land Use

Future Land Use Description	Future Land Use Acreage w/in Project Buffer	Future Land Use Percentage w/in Project Buffer
Commercial	83.32	32.37%
Community Mixed-Use	35.84	13.92%
Industrial	103.09	40.06%
Residential	9.89	3.84%
Right-of-way	1.16	0.45%
Urban Mixed-Use	21.91	8.51%
Water	2.16	0.84%
Total	257.37	100.00%



Hillsborough Avenue (SR 600/US 92) Corridor Study
From 50th Street to West of Interstate 4 (I-4)
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Future Land Use Map

Figure 1-2

Source: Hillsborough County, City of Tampa

SECTION 2 – WILDLIFE AND HABITAT

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Wildlife and Habitat Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
SWFWMD	Minimal
FFWCC	Minimal
USFWS	Minimal
Summary Degree of Effect	
Final Summary Degree of Effect	Minimal

2.1 Introduction and Methodology

The project corridor was reviewed for potential suitable habitat for federal and state-listed species during field reviews conducted in accordance with 50 Code of Federal Regulations (CFR) Part 402 of the Endangered Species Act of 1973, as amended, and Part 2, Chapter 27 of the FDOT *PD&E Manual: Wildlife and Habitat Impacts*. A literature review and agency database search was also conducted to determine the presence and/or absence of federal and state-listed species and their critical habitat. Field surveys were conducted on September 21, 2011 to identify any protected species and/or critical or potential habitat within the project corridor.

Coordination with the Florida Fish and Wildlife Conservation Commission (FFWCC) and the USFWS, as well as other state and federal agencies, was initiated early in the PD&E Study process as part of the ETDM process to obtain comments and potential occurrence records on listed species within the project corridor. A copy of the ETDM Programming Screen Summary Report can be found in **Attachment A**.

2.2 Federal-Listed Species

Literature and data reviews, along with field observations, were conducted along the project corridor. No federally threatened or endangered floral species were observed within the project corridor during field reviews. No faunal species were observed during the field reviews; however, a few species which have been identified in the vicinity of the corridor or have the potential to occur are the wood stork, Eastern indigo snake and the bald eagle. Minimal habitat is present within the project corridor to support these species, although the ditches and surface waters located along the corridor potentially provide foraging habitat for the wood stork and other wading birds at times throughout the year. A detailed description of these species and habitat requirements is provided below.

Wood Stork (*Mycteria americana*)

The wood stork is listed as endangered both federally and in the state of Florida. Wood storks usually nest in inundated forested wetlands, such as cypress domes, hardwood swamps, and even mangrove fringes and forage in the shallow waters of marshes, swamps, ponds, tidal creeks, wet pastures and ditches, mainly searching for fish. The distribution of the wood stork is throughout Florida, but they are much less frequent in the panhandle and the Florida Keys. This

species has a Core Foraging Area (CFA) of 15 miles in central Florida, which includes Hillsborough County. The project corridor has some suitable foraging habitat for the wood stork, most of which is located outside the project limits or within the stormwater facilities. The project corridor falls within the CFA of seven known wood stork colonies (East Lake/Bellows Lake, Sheldon Road, Cypress Creek, Cross Creek, Colony #611310, 611110, and Colony #615333). The entire project area is located within the CFA of these rookeries. East Lake/Bellows Lake is the nearest wood stork colony to the project, located approximately 1,500 feet to the south of Hillsborough Avenue and is identified on **Figure 2-1**.

Since the project is located within the CFA of seven wood stork rookeries, all impacts to non-forested wetlands would need to be mitigated for within the CFA of these rookeries or a nearby wood stork rookery. No impacts to wetlands are anticipated to be impacted by the proposed project and any impacts to swales or ditches within the project corridor will be replaced or offset by construction of SMFs. Because wood storks forage over such an extensive area, no colony would be solely dependent on any of the foraging areas within the project corridor. No nesting areas will be impacted by this proposed project. It is anticipated this project will have no effect on the wood stork.

Eastern Indigo Snake (*Drymarchon couperi*)

The eastern indigo snake is federally and state listed as threatened. This snake utilizes a wide variety of habitats including pine flatwoods, hardwood forests, and other upland habitats. They also rely on a variety of wetland habitats for foraging and temperature regulation. This snake can be found throughout Florida, although rare in the Panhandle. Eastern indigo snakes typically require large tracts of suitable habitat to survive, which do not occur along the project corridor.

No eastern indigo snakes were observed in the field; however, they have adapted to living in urban settings due to habitat loss, although not very common. During construction, FDOT will adhere to the *Standard Protection Measures for the Eastern Indigo Snake*. Given the limited number of large tracts of suitable habitat and minimal acquisition of ROW from corner clips at intersections and pond sites, it is anticipated that the project will have no effect on the eastern indigo snake.

Bald Eagle (*Haliaeetus leucocephalus*)

Although the bald eagle is no longer afforded protection by the Endangered Species Act, protection for the species is afforded through the Migratory Birds Program per the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). The USFWS will still regulate activities if an active eagle's nest is within 660-feet of a proposed activity.

The bald eagle prefers habitats near coastal areas, including bays, rivers, lakes, and other open water bodies. These habitats provide food sources such as fish, waterfowl, and wading birds. Eagles usually nest in tall trees, but have been known to nest in lower-lying trees and even on the ground. The bald eagle is located throughout the state, especially near coastal areas.

According to the FFWCC eagle nest locator, the closest active eagle nest (HL055) is located approximately 400-feet north of the study corridor and was last surveyed and reported active in 2011. This nest location is shown on **Figure 2-1**.

The project is not expected to impact any existing foraging areas or any potential nesting trees in or adjacent to the corridor. Since a bald eagle nest has been identified within approximately 400 feet of the project corridor, the contractor will need to adhere to USFWS Monitoring Guidelines during construction. Monitoring of the bald eagle nest will need to be conducted if construction occurs within 660 feet of the nest from October 1 through May 15. Due to the proximity of the nest to the project corridor, it is anticipated that the project may affect the bald eagle.

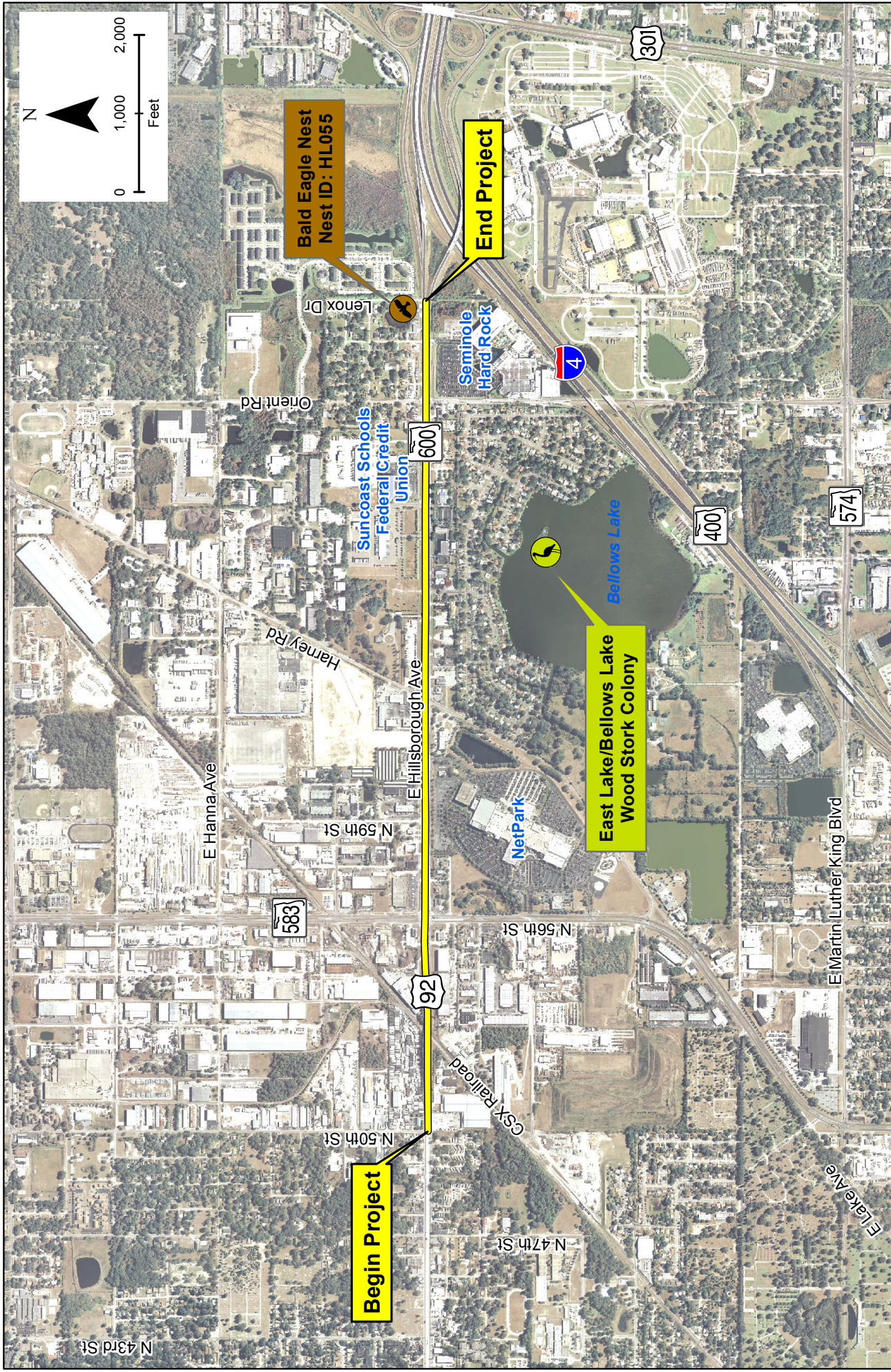
2.3 State-Listed Species

Literature and data reviews, along with field observations, were conducted along the project corridor. No state threatened or endangered floral species were observed within the project corridor during field reviews. No listed faunal species were observed during the field reviews as well; however, a few species which have been identified in the vicinity of the corridor or have the potential to occur are the Florida sandhill crane, little blue heron, snowy egret, tricolored heron, and white ibis. Minimal suitable habitat is present within the project corridor to support these species, with the exception of the ditches and surface waters located along the corridor potentially providing foraging habitat for wading birds at times throughout the year. A detailed description of these species and habitat requirements is provided below.

Florida Sandhill Crane (*Grus Canadensis pratensis*)

The Florida sandhill crane is listed as a species of special concern (SSC). It is a large, long-necked bird that is likely to be found in or near prairies, pasture lands, and freshwater marshes. This species prefers wetlands that consist mainly of pickerelweed (*Pontederia cordata*) and maidencane (*Panicum hemitomon*). They can also be found on golf courses, crop fields, and other open areas. Sandhill cranes are listed as a threatened species in Florida. Nesting season for the Florida sandhill crane ranges from January to June.

No sandhill cranes or their nests were observed during field reviews. No herbaceous wetland systems that would support nesting are located near the project corridor. Foraging habitat exists near the project corridor, in areas such as ditches, stormwater facilities, and existing wetlands. Mitigation for impacts to wetlands, surface waters or other foraging habitat will be assessed during the design phase of this project. Since minimal habitat exists near the project corridor and mitigation will be conducted to offset all impacts to wetlands, it is anticipated that the project will have no effect on the Florida sandhill crane.




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Wildlife Species Near Project Corridor Map
 Figure 2-1

Little Blue Heron (*Egretta caerulea*)

The little blue heron is listed as a SSC. It is a medium-sized wading bird that has its largest nesting colonies within coastal wetland habitats, but prefers to forage in freshwater wetlands, such as lakes, marshes and streams. In freshwater habitats, this species nests in cypress, red maple, willow and cabbage palms. The little blue heron can be found throughout Florida. No little blue herons were observed during field visits, but potential habitat does exist along the corridor.

No impacts are anticipated to wetlands that would serve as nesting areas for the little blue heron. Minimal foraging habitat exists near the project corridor, mainly ditches, swales and SMFs. Mitigation for impacts to wetlands and OSWs will be assessed during the design phase of this project. Mitigation will be conducted to offset all impacts to wetlands; therefore, it is anticipated that the project will have no effect on the little blue heron.

Snowy Egret (*Egretta thula*)

The snowy egret is a wading bird, listed as a SSC, which nests in shallow waters of both inland and coastal wetlands, usually in shrubs such as willows or mangroves. This species feeds in flooded wetlands, lakes, streams, manmade ditches and impoundments, and swamps. No snowy egrets were observed during field inspections, but suitable habitat is located near the project area.

Minimal foraging habitat exists near the project corridor; mainly ditches, swales and SMFs. Mitigation for impacts to wetlands and OSWs will be further assessed during the design phase of this project. Mitigation will be conducted to offset all impacts to wetlands and other surface waters; therefore, it is anticipated that the project will have no effect on the snowy egret.

Tricolored Heron (*Egretta tricolor*)

The tricolored heron is a medium-sized heron with dark slate-colored body and head and white underbody. This species prefers nesting on mangrove islands or in willow-dominated freshwater habitats. Nesting for the tricolored heron usually occurs within areas over standing water or on islands. The tricolored heron forages in flooded wetlands, mangrove and tidal wetlands, and along the edges of lakes and ponds. This species is found throughout Florida and is listed as a species of special concern. There are no willow-dominated wetlands found along the corridor, but there is minimal foraging habitat found near the project corridor. The foraging habitat consists mainly of swales, ditches, and SMFs.

There were no tricolored herons observed along the project corridor during field reviews. Impacts to wetlands or other surface waters will be further assessed during the design phase of this project and mitigation will be provided to offset any impacts to wetlands or OSWs. Therefore, it is anticipated that the proposed project have no effect on the tricolored heron.

White Ibis (*Eudocimus albus*)

The white ibis is listed as a SSC in Florida that inhabits many types of wetland habitats, such as forested wetlands, wet prairies, freshwater and saltwater marshes, swales, ditches, salt flats and inundated fields. Foraging for this species usually occurs in freshwater habitats, since a high-salt diet can affect the growth rate of offspring. White ibis can be found throughout the state, especially in summer months.

No white ibis were observed along the project corridor during field visits. Mitigation for impacts to wetlands will be assessed during the design phase of this project. Mitigation will be conducted to offset all impacts to wetlands; therefore, it is anticipated that the project will have no effect on the white ibis.

2.4 Coastal and Marine

The ETDM *Programming Screen Summary Report* documented the following Degrees of Effect for Coastal and Marine Issues assigned by agencies along with a Final Summary Degree of Effect assigned by FDOT:

Agency	Degree of Effect
SWFWMD	None
NMFS	No Involvement
Summary Degree of Effect	
Final Summary Degree of Effect	No Involvement

There are no coastal and marine resources located within or near the project corridor, and no potential Essential Fish Habitat (EFH) within the project corridor. Therefore, this category has been designated as NO INVOLVEMENT on the Summary of Environmental Impact Checklist.

2.5 Wildlife and Habitat Summary

The project corridor was reviewed for potential suitable habitat for federal and state-listed species during field reviews and literature and database analyses. No listed species were observed along the project corridor during the field visit conducted on September 21, 2011. Multiple listed species (shown above) have the potential to occur within the project corridor; however, after field reviews, habitat assessment, and impact evaluation, it has been determined that the proposed project will have no effect on federal or state-listed species; however, the project may affect the bald eagle, a species that is no longer afforded protection by the Endangered Species Act, but is afforded protection through the MBTA and the BGEPA. No wetlands are anticipated to be impacted by the proposed project. The only impacts that may occur would be to OSWs (swales used for stormwater conveyance) that do not provide wetland habitat. No mitigation should be required for these impacts. The US Fish & Wildlife Service concurred that the project is not likely to adversely affect resources on October 2, 2012. A copy of the letter is included in **Attachment B**. Therefore, this category has been designated as NOT SIGNIFICANT on the Summary of Environmental Impact Checklist.

Attachment A

*ETDM Programming Screen
Summary Report (Excerpt)*

ETDM Summary Report

Project #13312 - Hillsborough Avenue

Finalized Programming Screen - Published on 11/16/2011

Generated by Steve Love (on behalf of FDOT District 7)

Printed on: 12/23/2011

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Introduction to Programming Screen Summary Report

The Programming Screen Summary Report shown below is a read-only version of information contained in the Programming Screen Summary Report generated by the ETDM Coordinator for the selected project after completion of the ETAT Programming Screen review. The purpose of the Programming Screen Summary Report is to summarize the results of the ETAT Programming Screen review of the project; provide details concerning agency comments about potential effects to natural, cultural, and community resources; and provide additional documentation of activities related to the Programming Phase for the project. Available information for a Programming Screen Summary Report includes:

- Screening Summary Report chart
- Project Description information (including a summary description of the project, a summary of public comments on the project, and community-desired features identified during public involvement activities)
- Purpose and Need information (including the Purpose and Need Statement and the results of agency reviews of the project Purpose and Need)
- Alternative-specific information, consisting of descriptions of each alternative and associated road segments; an overview of ETAT Programming Screen reviews for each alternative; and agency comments concerning potential effects and degree of effect, by issue, to natural, cultural, and community resources.
- Project Scope information, consisting of general project commitments resulting from the ETAT Programming Screen review, permits, and technical studies required (if any)
- Class of Action determined for the project
- Dispute Resolution Activity Log (if any)

The legend for the Degree of Effect chart is provided in an appendix to the report.

For complete documentation of the project record, also see the GIS Analysis Results Report published on the same date as the Programming Screen Summary Report.

#13312 Hillsborough Avenue

District	District 7	Phase	Programming Screen
County	Hillsborough	From	50th Street
Planning Organization	FDOT District 7	To	Western Terminus of I-4 Ramps
Plan ID	3098	Financial Management No.	43005412201
Federal Involvement	No federal involvement has been identified.		
Contact Information	Name: Steve Love Phone: (813) 975-6410 E-mail: steve.love@dot.state.fl.us		
Snapshot Data From: Programming Screen Summary Report Re-published on 11/16/2011 by Steve Love			

Overview

	Evaluation of Direct Effects																					
	Natural							Cultural			Community											
	Air Quality	Coastal and Marine	Contaminated Sites	Farmlands	Floodplains	Infrastructure	Navigation	Special Designations	Water Quality and Quantity	Wetlands	Wildlife and Habitat	Historic and Archaeological Sites	Recreation Areas	Section 4(f) Potential	Aesthetics	Economic	Land Use	Mobility	Relocation	Social	Secondary and Cumulative Effects	
Legend																						
N/A	N/A / No Involvement																					
0	None (after 12/5/2005)																					
1	Enhanced																					
2	Minimal (after 12/5/2005)																					
3	Moderate																					
4	Substantial																					
5	Dispute Resolution (Programming)																					
ETAT Review Period: 08/09/2011 - 09/23/2011. Re-Published: 11/16/2011																						
Alternative #1	2	N/A	3	2	2	2	N/A	2	3	3	2	2	0	N/A	0	1	0	1	2	2	2	
From 50th Street to Western Terminus of I-4 Ramps																						

Project Description Data

Description Statement

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) study to evaluate the widening of Hillsborough Avenue (SR 600/US 92) from 50th Street to western limits of I-4 ramps from a 4-lane divided to a 6-lane divided roadway. The FDOT will be preparing a State Environmental Impact Report (SEIR) for this project. Hillsborough Avenue is a major regional east-west arterial in central Hillsborough County that connects to US 301 and I-4. This roadway provides access to many commercial, industrial and residential areas within central Hillsborough County.

Summary of Public Comments not available at this time

Consistency

- Consistent with Air Quality Conformity.
- Consistency information for Coastal Zone Management Program is not available.
- Consistent with Local Government Comp Plan.
- Consistent with MPO Goals and Objectives.

Lead Agency

FL Department of Transportation

Exempted Agencies

Agency Name	Justification	Date
Federal Transit Administration	FTA has requested to be exempt from reviewing any non-transit projects.	07/05/2011
US Coast Guard	No navigable waters within project limits.	07/05/2011
National Park Service	There are no National Park resources in the project area.	07/19/2011
US Forest Service	No national forests within project limits or vicinity of project area.	07/05/2011

Community Desired Features

No desired features have been entered into the database. This does not necessarily imply that none have been identified.

Purpose and Need

Purpose and Need Statement

Purpose

The purpose of this project is to widen Hillsborough Avenue from a 4-lane to 6-lane facility in order to accommodate increases in traffic due to growth along the project corridor and the surrounding areas. The west end of the study area will be connected to the existing 6-lane section that ends east of 50th Street. With this improvement there will be six lanes of capacity along Hillsborough Avenue from US 19 in Pinellas County to I-4 in Hillsborough County.

Need

There are five (5) signalized intersections located within the study limits, all of which have at least one approach operating at level of service (LOS) E or F during the design hour. In 2010, Hillsborough Avenue, from 50th Street to west of I-4, carried between 36,200 and 41,900 vehicles per day (vpd). This segment of Hillsborough Avenue is projected to carry volumes between 67,600 and 79,600 vpd by 2040, which would yield a failing LOS.

Regional Connectivity

Hillsborough Avenue is a major east-west facility within Hillsborough County that connects to I-4 and US 301. At 50th Street (the western terminus of this project), this roadway is a 6-lane facility west to Dale Mabry Highway, where Hillsborough Avenue changes to SR 580. This roadway continues west as a 6-lane facility to the Pinellas/Hillsborough County Line, where it changes again to Tampa Road (SR 584) and continues as a 6-lane facility to US 19 in Pinellas County. East of I-4, this roadway is a 2-lane facility that connects to eastern Hillsborough County and into Polk County.

Safety

There were 726 crashes reported between 50th Street and I-4 on Hillsborough Avenue during the 5-year period of 2005-2009. Rear-end crashes accounted for 50% of the total crashes, angle crashes accounted for 22%, sideswipe crashes accounted for 7%, left-turn crashes accounted for 6%, and the remaining 15% of the crashes were the result of other miscellaneous traffic movements. It is anticipated that safety will be enhanced due to capacity improvements as well as related intersection improvements. The proposed improvements would reduce congestion and improve congestion-related safety issues.

Plan Consistency

This project is not included in the FDOT's Five Year Work Program for Fiscal Years 2012-2016 for District 7. The proposed project is consistent with the Hillsborough County Metropolitan Planning Organization (MPO) 2035 Cost Affordable Long Range Transportation Plan. The 2035 Highway Cost Affordable component of the plan shows Hillsborough Avenue as six lanes from west of 50th Street to the western limits of the I-4 ramps (east of Orient Road). In addition, the Future of Hillsborough - Comprehensive Plan for Unincorporated Hillsborough County (amended June 5, 2008) includes creation of a commercial redevelopment area along Hillsborough Avenue from 56th Street to Orient Road.

Emergency Evacuation

Hillsborough Avenue is designated as an emergency evacuation route by Hillsborough County Emergency Management. This roadway connects to major highways including I-4, US 301, and I-275.

Future Population and Employment

According to the Future of Hillsborough - Comprehensive Plan for Unincorporated Hillsborough County (amended June 5, 2008) there are plans for a commercial redevelopment area along Hillsborough Avenue from 56th Street to Orient Road. According to Hillsborough County City-County Planning Commission: 2035 L RTP Socioeconomic Projections (Nov. 2008), Hillsborough County population is expected to grow from 1,173,360 to 1,729,300

(47% increase) between 2006 and 2035, and employment is expected to grow from 759,000 to 1,175,920 (55% increase) within this timeframe.

Future Traffic

In 2010, Hillsborough Avenue from 50th Street to west of I-4 had an Annual Average Daily Traffic (AADT) ranging between 36,200 and 41,900. Historic daily truck traffic is approximately 10 percent within the study area. The new Tampa Bay Regional Planning Model (TBRPM) - Version 7.0 indicates that the AADTs in 2035 area expected to range between 63,700 and 75,800. Assuming continued growth, this segment of Hillsborough Avenue is expected to have AADTs ranging between 67,600 and 79,600 by the design year (2040).

Multi-Modal Service

Currently, there are no designated bicycle facilities located within the study limits; however, there are existing paved shoulders that bicyclists can use. A sidewalk is located on the north side of Hillsborough Avenue between 56th Street and Harney Road. Bicycle and pedestrian facilities are planned for the proposed project and will be evaluated as part of the PD&E study. Hillsborough Area Regional Transit (HART) bus routes 15 and 32 (56th to Orient Rd.), 34 (west end to 56th Street), and 41 (56th Street to Harney Rd.) run along Hillsborough Avenue within the study limits. Routes 6, 39 and 23X intersect the project at 56th Street, and route 57 intersects at Orient Road. There is an existing bus transfer facility at the Netpark Transfer Center located approximately 0.5 mile south of Hillsborough Avenue along 56th Street near Harney Road. HART is presently studying a potential East-West Metro Rapid Line (enhanced bus and operations), a portion of which is planned to run along Hillsborough Avenue from I-275 (west of the project) to 56th Street.

Access to Intermodal Facilities and Freight Activity Centers

The East Central Tampa Industrial Area Freight Activity Center is located approximately 0.3 miles north of the Hillsborough Avenue/56th Street intersection. Also, Federal Express Freight is located just north of Hillsborough Avenue at the Suncoast Schools Federal Credit Union/Averitt Express Driveway. West of the study corridor, Hillsborough Avenue provides access to Tampa International Airport (TIA) for freight trucks. The entrance to TIA along Hillsborough Avenue (approximately 7 miles west of the project) is the Air Cargo entrance used by numerous freight and shipping companies.

Purpose and Need Reviews

Agency	Acknowledgment	Review Date
FDOT District 7	Accepted	10/03/2011
FL Department of Community Affairs	Understood	08/18/2011
FL Department of Environmental Protection	Understood	09/23/2011
FL Fish and Wildlife Conservation Commission	Understood	09/13/2011
Federal Transit Administration	Understood	09/02/2011
Hillsborough County MPO	Understood	09/23/2011
National Marine Fisheries Service	Understood	08/12/2011
National Park Service	Understood	09/15/2011
Natural Resources Conservation Service	Understood	08/25/2011
Southwest Florida Water Management District	Understood	09/19/2011
US Army Corps of Engineers	Understood	09/22/2011
US Environmental Protection Agency	Understood	09/13/2011
US Fish and Wildlife Service	Understood	08/24/2011

The following organizations were notified but did not submit a review of the Purpose and Need statement:

- FL Department of Agriculture and Consumer Services
- FL Department of State
- Federal Highway Administration
- Seminole Tribe of Florida

Alternative #1

Alternative Description

From:	50th Street	To:	Western Terminus of I-4 Ramps
Type:	Widening	Status:	ETAT Review Complete
Total Length:	1.999 mi.	Cost:	\$103,167,000.00
Modes:	Roadway Bicycle Pedestrian	SIS:	N

Segment Description(s)

Location and Length							
Segment No.	Name	Beginning Location	Ending Location	Length (mi.)	Roadway Id	BMP	EMP
	Hillsborough Avenue	50th Street	Western Terminus of I-4 Ramps	1.999	Digitized		

Jurisdiction and Class			
Segment No.	Jurisdiction	Urban Service Area	Functional Class
	FDOT	In	URBAN: Principal Arterial - Other

Base Conditions				
Segment No.	Year	AADT	Lanes	Config
	2010	41900	4	Lanes Divided

Interim Plan				
Segment No.	Year	AADT	Lanes	Config

Needs Plan				
Segment No.	Year	AADT	Lanes	Config
	2040	79600	6	Lanes Divided

Cost Feasible Plan				
Segment No.	Year	AADT	Lanes	Config
	2040		6	Lanes Divided

Funding Sources		
Segment No.	FDOT	Unknown
	X	

Project Effects Overview

Issue	Degree of Effect	Organization	Date Reviewed
Natural			
Air Quality	2 Minimal	US Environmental Protection Agency	09/13/2011
Coastal and Marine	0 None	Southwest Florida Water Management District	09/19/2011
Coastal and Marine	N/A N/A / No Involvement	National Marine Fisheries Service	08/12/2011
Contaminated Sites	3 Moderate	FL Department of Environmental Protection	09/23/2011
Contaminated Sites	2 Minimal	US Environmental Protection Agency	09/22/2011
Contaminated Sites	3 Moderate	Southwest Florida Water Management District	09/19/2011
Farmlands	2 Minimal	Natural Resources Conservation Service	08/25/2011
Floodplains	2 Minimal	Southwest Florida Water Management District	09/19/2011
Floodplains	0 None	US Environmental Protection Agency	09/13/2011
Infrastructure	0 None	Southwest Florida Water Management District	09/19/2011
Navigation	N/A N/A / No Involvement	US Army Corps of Engineers	09/22/2011
Special Designations	2 Minimal	US Environmental Protection Agency	09/23/2011
Special Designations	2 Minimal	Southwest Florida Water Management District	09/19/2011
Water Quality and Quantity	2 Minimal	US Environmental Protection Agency	09/23/2011
Water Quality and Quantity	2 Minimal	FL Department of Environmental Protection	09/23/2011
Water Quality and Quantity	3 Moderate	Southwest Florida Water Management District	09/19/2011

Wetlands	2	Minimal	Hillsborough County MPO	09/23/2011
Wetlands	2	Minimal	FL Department of Environmental Protection	09/23/2011
Wetlands	2	Minimal	US Environmental Protection Agency	09/23/2011
Wetlands	3	Moderate	US Army Corps of Engineers	09/22/2011
Wetlands	2	Minimal	Southwest Florida Water Management District	09/19/2011
Wetlands	2	Minimal	US Fish and Wildlife Service	09/13/2011
Wetlands	N/A	N/A / No Involvement	National Marine Fisheries Service	08/12/2011
Wildlife and Habitat	2	Minimal	Southwest Florida Water Management District	09/19/2011
Wildlife and Habitat	2	Minimal	FL Fish and Wildlife Conservation Commission	09/13/2011
Wildlife and Habitat	2	Minimal	US Fish and Wildlife Service	09/13/2011
Cultural				
Historic and Archaeological Sites	2	Minimal	FL Department of State	09/23/2011
Historic and Archaeological Sites	0	None	Southwest Florida Water Management District	09/19/2011
Historic and Archaeological Sites	2	Minimal	Seminole Tribe of Florida	08/18/2011
Recreation Areas	0	None	FL Department of Environmental Protection	09/23/2011
Recreation Areas	0	None	Southwest Florida Water Management District	09/19/2011
Recreation Areas	0	None	US Environmental Protection Agency	09/13/2011
Section 4(f) Potential	No reviews recorded.			
Community				
Aesthetics	No reviews recorded.			
Economic	No reviews recorded.			
Land Use	0	None	Hillsborough County MPO	09/23/2011
Land Use	0	None	FL Department of Community Affairs	08/18/2011
Mobility	1	Enhanced	Hillsborough County MPO	09/23/2011
Relocation	No reviews recorded.			
Social	2	Minimal	US Environmental Protection Agency	09/23/2011
Social	0	None	FL Department of Community Affairs	08/18/2011
Secondary and Cumulative				
Secondary and Cumulative Effects	2	Minimal	Southwest Florida Water Management District	09/19/2011

ETAT Reviews and Coordinator Summary: Natural Issues

Coordinator Summary: Air Quality Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the US Environmental Protection Agency (USEPA) and recommends a Degree of Effect of Minimal.

The USEPA noted that Hillsborough County and the Tampa area are not currently designated non-attainment or maintenance for ozone, carbon monoxide (CO) or particulate matter (PM) in accordance with the Clean Air Act. It is recommended that the study include an air impact analysis and hot spot analysis at the point in time and place where congestion is expected to be the greatest during the design life of the project. Air pollutants to be evaluated include CO, sulfur dioxide, ozone/nitrogen, dioxide particulate matter and lead.

The FDOT will commit to conducting an Air Quality Screening during the PD&E study using approved software such as MOBILE 6 and CAL3QHC for CO screening.

ETAT Reviews: Air Quality Issue: 1 found

2 Minimal assigned 09/13/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: Resources: Air Quality

Level of Importance: Air quality within the region is of a high level of importance. Traffic volumes on the roads in the vicinity are expected to increase due to anticipated population and growth in the area and within the region.

Comments on Effects to Resources: Hillsborough County and the Tampa area are not currently designated non-attainment or maintenance for ozone, carbon monoxide (CO) or particulate matter (PM) in accordance with the Clean Air Act. There are no violations of National Ambient Air Quality Standards (NAAQS). Nevertheless, the environmental review of this project should consider potential air quality impacts. This could include an air impact analysis which documents the current pollutant concentrations recorded at the nearest air quality monitors, an evaluation of anticipated emissions, and air quality trend analyses. It is recommended that the environmental review also include a hot spot analysis at the point in time and place where congestion is expected to be greatest during the design life of the project. FDOT should use approved software such as MOBILE 6 and CAL3QHC for CO screening. CO estimates should be compared to the one-hour and eight-hour NAAQS of 35 parts per million (ppm) and 9 ppm, respectively. Air pollutants to be evaluated (both short- and long-term) include carbon monoxide, sulfur dioxide, ozone/nitrogen, dioxide particulate matter (both PM 2.5 (microns) and PM 10), and lead.

Additional Comments (optional): As population growth and vehicle volumes increase, there is the potential to have air quality conformity and non-attainment issues in the future. FDOT, MPOs, municipalities, and regional planning agencies should conduct air quality modeling as traffic forecasts increase.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Air Quality issue for this alternative: Federal Highway Administration

Coordinator Summary: Coastal and Marine Issue

N/A N/A / No Involvement assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Southwest Florida Water Management District (SWFWMD) and National Marine Fisheries Service (NMFS) and recommends a Degree of Effect of None.

A review of the geographic information systems (GIS) data, there are no Coastal and Marine resources within the project buffers. The SWFWMD indicated that there no comments on effects to resources. The NMFS staff conducted a site review on August 10, 2011. NMFS staff states that there will be no direct or indirect impacts to NMFS trust resources.

ETAT Reviews: Coastal and Marine Issue: 2 found

0 None assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: No Involvement

Dispute Information:N/A

Identified Resources and Level of Importance: None found.

Comments on Effects to Resources: None found.

Coordinator Feedback: None

N/A N/A / No Involvement assigned 08/12/2011 by David A. Rydene, National Marine Fisheries Service

Coordination Document: No Involvement

Dispute Information:N/A

Identified Resources and Level of Importance: None.

Comments on Effects to Resources: NOAA's National Marine Fisheries Service (NMFS) has reviewed the information contained in the Environmental Screening Tool for ETDM Project # 13312. The Florida Department of Transportation District 7 proposes widening Hillsborough Avenue from 50th Street to the western terminus of the I-4 ramps in Hillsborough County, Florida. The road would be widened from four lanes to six lanes.

NMFS staff conducted a site inspection of the project area on August 10, 2011, to assess potential concerns regarding living aquatic resources. It does not appear that there will be any direct or indirect impacts to NMFS trust resources. Since the resources affected are not ones for which NMFS is responsible, we have no comment to provide regarding the project's impacts.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Coastal and Marine issue for this alternative: Federal Highway Administration

Coordinator Summary: Contaminated Sites Issue

3 Moderate assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Florida Department of Environmental Protection (FDEP), the US Environmental Protection Agency (USEPA), and the Southwest Florida Water Management District (SWFWMD) and recommends a Degree of Effect of Moderate.

The FDEP stated that there are 13 RCRA sites located within the 500-ft buffer of the project and that a Contamination Screening Evaluation be conducted along the project right-of-way.

The USEPA stated that the project area is heavily developed and future development in the area is expected. USEPA recommended that the FDOT coordinate with appropriate agencies to determine if the classification of the North 56th Street Area as a Brownfield Project will impact the design and/or construction of the project. It was noted that several gas and service stations are located within the project area. Potential impacts to contaminated sites would be minimized if the widening occurs within the existing ROW. USEPA recommends that a survey of the area be conducted to confirm the location of current listed contaminated site features, along with other contaminated site features which may have been previously located in the area or features that will be impacted by the project. The project should be designed such that negative impact to/from contaminated sites is avoided or minimized to the best extent practicable.

Environmental Screening Tool for ETDM Project # 13312. The Florida Department of Transportation District 7 proposes widening Hillsborough Avenue from 50th Street to the western terminus of the I-4 ramps in Hillsborough County, Florida. The road would be widened from four lanes to six lanes.

NMFS staff conducted a site inspection of the project area on August 10, 2011, to assess potential concerns regarding living aquatic resources. It does not appear that there will be any direct or indirect impacts to NMFS trust resources. Since the resources affected are not ones for which NMFS is responsible, we have no comment to provide regarding the project's impacts.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Wetlands issue for this alternative: Federal Highway Administration

Coordinator Summary: Wildlife and Habitat Issue

2 Minimal assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Southwest Florida Water Management District (SWFWMD), the Florida Fish and Wildlife Conservation Commission (FFWCC), and the US Fish and Wildlife Service (USFWS) and recommends a Degree of Effect of Minimal.

The project is located in a highly urbanized area of Hillsborough County that has minimal natural habitat for wildlife. The SWFWMD indicated that the site is listed as a USFWS Ecological Service Area for the piping plover, Florida scrub-jay, wood stork, red-cockaded woodpecker, eastern indigo snake and Florida golden aster. The USFWS stated that the majority of the direct and indirect impacts to natural resources have already occurred. The project passes through the Core Foraging Areas (CFA) of at least five nesting wood stork colonies and that the eastern indigo snake can be found in a wide variety of habitats, including urban settings.

The FDOT will coordinate with the appropriate agencies and will permit the project with SWFWMD and USACE. Since this project is located within a highly urbanized area, no impacts to wildlife or wildlife habitat is expected. The FDOT will prepare an Environmental Technical Compendium that will address potential impacts to wildlife and habitat within the project corridor during the PD&E study. The FDOT will coordinate and provide necessary mitigation if wildlife or habitat is impacted as a result of the project.

ETAT Reviews: Wildlife and Habitat Issue: 3 found

2 Minimal assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: Permit Required

Dispute Information: N/A

Identified Resources and Level of Importance: According to the FFWCC Strategic Habitat Conservation Area Richness report from 2009 the proposed site has a low ranking for species richness. Both the 100 foot buffer and the 200 foot buffer fall within the Scrub Jay Consultation Area as analyzed on August 9, 2011. The site is listed as a USFWS Ecological Service Area for the following Federally Listed Species: Piping Plover, Florida Scrub-Jay, Wood Stork, Red-Cockaded Woodpecker, Eastern Indigo Snake, and the Florida Golden Aster.

Comments on Effects to Resources: The expansion of Hillsborough Avenue with the filling of the roadside ditches may have a detrimental effect on the foraging birds within the vicinity of the project.

Additional Comments (optional): The proposed project area is located within a highly urbanized and industrial region with an existing high traffic roadway. Usage of this area, with the exception of the wetland located at the eastern terminus, by wildlife appears to be limited to foraging birds.

Coordinator Feedback: None

2 Minimal assigned 09/13/2011 by Scott Sanders, FL Fish and Wildlife Conservation Commission

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: No significant fish or wildlife issues identified.

Comments on Effects to Resources: Minimal impacts to fish or wildlife resources are anticipated from this project.

Coordinator Feedback: None

2 Minimal assigned 09/13/2011 by Jane Monaghan, US Fish and Wildlife Service

Coordination Document: To Be Determined: Further Coordination Required

Dispute Information: N/A

Identified Resources and Level of Importance: Federally protected species and the ecosystems upon which they depend.

Comments on Effects to Resources: This project is located in a highly urbanized area. The proposal involves widening Hillsborough Ave from four lanes to six lanes. The majority of the direct and indirect impacts to natural resources have already occurred as a result of the original highway construction.

Wood Stork *Mycteria americana*

The project passes through the Core Foraging Areas (CFA) for at least five active nesting colonies of the federally endangered wood stork. The following colonies are within a 15 mile radius of the road project: East Lake/Bellow Lake, Little Hillsborough River Swamp, Cross Creek, Cypress Creek and Sheldon road. The Service has determined that the loss of wetlands within a CFA due to an action could result in the loss of foraging habitat for the wood stork. To minimize adverse effects to the wood stork and other wetland dependent species, we recommend that impacts to wetlands be avoided. Please refer to the North Florida Field Office website for exact colony locations, definitions and the effect determination key.

Eastern Indigo Snake *Drymarchon corais couperi*

This species can be found in a wide variety of habitats, including urban settings. If suitable habitat is present and/or gopher tortoise burrows are found on site, the Eastern indigo snake guidelines for construction should be implemented. These guidelines can be found on the USFWS website (<http://www.fws.gov/northflorida>)

Level of Effect: Minimal

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Wildlife and Habitat issue for this alternative: Federal Highway Administration

ETAT Reviews and Coordinator Summary: Cultural Issues

Coordinator Summary: Historic and Archaeological Sites Issue

2 *Minimal* assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Florida Department of State (SHPO), the Southwest Florida Water Management District (SWFWMD), and the Seminole Tribe of Florida and recommends a Degree of Effect of Minimal.

There are no historic resources located within a half-mile of the project's corridor; however, the Seminole Tribe of Indians, Tampa Reservation is located within 100 feet of the project corridor at the eastern terminus of the proposed project. The Tampa Reservation land has a casino located on the site. There are no SWFWMD-owned lands or controlled lands within the project corridor. The Seminole Tribe of Indians Tribal Historic Preservation Office requests that a Cultural Resource Assessment Survey (CRAS) be conducted in order to determine effects, if any, to archaeological sites within the project area. The Seminole Tribe of Indians would like to review a CRAS prior to commenting on possible effects to archaeological sites.

The FDOT will conduct a CRAS as part of the PD&E study. Minimal to no impacts to historic or archaeological sites are anticipated by the proposed project. The FDOT will coordinate with the Seminole Tribe of Indians for any work that will be conducted adjacent to their land.

ETAT Reviews: Historic and Archaeological Sites Issue: 3 found

2 *Minimal* assigned 09/23/2011 by Alyssa McManus, FL Department of State

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: There are no historic resources located within a half-mile of this project's corridor. However, the Seminole Tribe of Indians, Tampa Reservation is located within 100 ft. of the corridor.

Comments on Effects to Resources: Although the Tampa Reservation lies within the 100' buffer of this proposed project, it is identified as having a casino on it.

Bridge # 100592 lies within 100' of the project corridor. However, it is not historic, having been built in 1999.

There are some neighborhoods and buildings that are beyond the adjacent parcels of this project corridor, constructed at least 50 years ago. As the project APE develops, these buildings, if impacted, will need to be recorded on FMSF forms.

This area has very low potential for significant archaeological discoveries. However, any unanticipated finds should be reported.

Additional Comments (optional): If the adjacent properties' buildings are demolished, this will have a direct effect on potential historic districts.

Coordinator Feedback: None

0 *None* assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: No Involvement

Dispute Information: N/A

Identified Resources and Level of Importance: There are no District owned or controlled lands within the proposed alignment. The Seminole Tribe of Indians - Tampa Reservation is located at the eastern terminus of the proposed route.

Comments on Effects to Resources: Expansion of Hillsborough Avenue along the eastern terminus may result in construction activities directly adjacent to land owned by The Seminole Tribe of Indians.

Additional Comments (optional): All proposed work on or adjacent to land established by the Seminole Tribe of Indians will need to be coordinated with the Seminole Tribe.

Coordinator Feedback: None

2 *Minimal* assigned 08/18/2011 by Elliott York, Seminole Tribe of Florida

Coordination Document: No Selection

Dispute Information: N/A

Identified Resources and Level of Importance: Due to the absence of a systematic Cultural Resources Assessment Survey for the proposed project corridor, the STOF-THPO would like to request a CRAS be conducted in order to determine effects, if any, to archaeological sites within the project area.

Comments on Effects to Resources: The STOF-THPO would like to review a CRAS before commenting on possible effects to archaeological sites in the project area.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Historic and Archaeological Sites issue for this alternative: Federal Highway Administration

Coordinator Summary: Recreation Areas Issue

0 *None* assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Florida Department of Environmental Protection (FDEP), the Southwest Florida Water Management District (SWFWMD), and the US Environmental Protection Agency (USEPA), and recommends a Degree of Effect of None.

There are no recreational lands, parks, or SWFWMD-owned or controlled lands located within the project corridor. No impacts to recreation areas will occur as a result of the proposed project.

ETAT Reviews: Recreation Areas Issue: 3 found

0 None assigned 09/23/2011 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: No Selection
Dispute Information:N/A
Identified Resources and Level of Importance: None found.
Comments on Effects to Resources: None found.
Coordinator Feedback: None

0 None assigned 09/19/2011 by Hank Higginbotham, Southwest Florida Water Management District

Coordination Document: No Involvement
Dispute Information:N/A
Identified Resources and Level of Importance: From the SWFWMD's Graphical Information System (GIS), there are no District owned / controlled lands within 200 feet of the proposed alignment.
Comments on Effects to Resources: None found.
Coordinator Feedback: None

0 None assigned 09/13/2011 by Madolyn Dominy, US Environmental Protection Agency

Coordination Document: No Selection
Dispute Information:N/A
Identified Resources and Level of Importance: None found.
Comments on Effects to Resources: None found.
Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Recreation Areas issue for this alternative: Federal Highway Administration

Coordinator Summary: Section 4(f) Potential Issue

N/A N/A / No Involvement assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) recommends a Degree of Effect of N/A / No Involvement.

There are no Section 4(f) resources located within the project corridor; therefore, no impacts to these resources are anticipated to be impacted by the proposed project.

ETAT Reviews: Section 4(f) Potential Issue: None found

The following organization(s) were expected to but did not submit a review of the Section 4(f) Potential issue for this alternative: Federal Highway Administration

ETAT Reviews and Coordinator Summary: Community Issues

Coordinator Summary: Aesthetics Issue

0 None assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) recommends a Degree of Effect of None.

The project is located within a heavily developed commercial and industrial area. The widening of Hillsborough Avenue should have no impacts to aesthetics within the highly urbanized project corridor. A review of the Geographic Information System (GIS) data indicates that there are approximately 0.22 acres of residential areas within the 100-foot buffer and 1.05 acres within the 200-foot buffer. Most of the residential areas are shielded by the commercial and industrial land uses directly adjacent to the project corridor.

ETAT Reviews: Aesthetics Issue: None found

The following organization(s) were expected to but did not submit a review of the Aesthetics issue for this alternative: Federal Highway Administration

Coordinator Summary: Economic Issue

1 Enhanced assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) recommends a Degree of Effect of Enhanced.

The project area is highly urbanized with commercial, industrial, and residential land uses. The widening of Hillsborough Avenue has the potential to increase business along the project corridor and within the surrounding area since the roadway will be able to handle increased traffic volumes. Hillsborough Avenue has direct connection to I-275 to the west and I-4 and US Hwy 301 at the eastern terminus of the project. This provides easy access to and from the Tampa Bay region.

ETAT Reviews: Economic Issue: None found

The following organization(s) were expected to but did not submit a review of the Economic issue for this alternative: Federal Highway Administration

Coordinator Summary: Land Use Issue

0 None assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from the Hillsborough County Metropolitan Planning Organization (MPO) and Florida Department of Community Affairs (DCA) and recommends a Degree of Effect of None.

Hillsborough County MPO stated that the Hillsborough Avenue widening is listed in the Eastlake Community Plan for Hillsborough County and on the MPO's 2035 Cost Affordable Plan. DCA indicates that the future land uses within the project area include Light Industrial, Urban Mixed Use, and Office Commercial and Community Mixed Use, and are consistent with the proposed roadway widening. The proposed widening will complete Hillsborough Avenue as a six-lane facility from I-275 to I-4. The project is included on the Hillsborough County MPO 2035 LRTP Cost Feasible Map.

ETAT Reviews: Land Use Issue: 2 found

0 None assigned 09/23/2011 by Wally Blain, Hillsborough County MPO

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Widening of Hillsborough Avenue is listed in the Eastlake Community Plan for Hillsborough County and on the MPO's 2035 Cost Affordable Plan. The Comprehensive Plan for Hillsborough County has an adopted mixed use development pattern along Hillsborough Avenue.

Comments on Effects to Resources: Alternatives for the widening of Hillsborough Avenue should consider connections with the community and cross access issues.

Coordinator Feedback: None

0 None assigned 08/18/2011 by Amie Longstreet, FL Department of Community Affairs

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Hillsborough County Comprehensive Plan

Comments on Effects to Resources: Comment:

The Future Land Use Categories that are around the proposed project include: Light Industrial, Urban Mixed Use, Office Commercial and Community Mixed Use (the Future of Hillsborough County Comprehensive Plan Future Land Use Map 2025, adopted June 5, 2008). These categories are consistent with the proposed roadway widening.

Comment: The Future of Hillsborough County Comprehensive Plan Transportation Corridor Conservation map depicts the improvement for Hillsborough Avenue from 50th Street to Orient Road. Future Land Use Element Policy 12.2 states that the County shall maximize arterial capacity by acquiring and protecting adequate rights-of-way, consistent with the Corridor Plan adopted as a part of the Transportation Element and Transportation Element Policy 1.5.1 states the Corridor Plan is adopted as part of the plan; therefore, the Corridor Conservation map is the County's Future Transportation map. The project is included on the Hillsborough County MPO 2035 LRTP Cost Feasible Map.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Land Use issue for this alternative: Federal Highway Administration

Coordinator Summary: Mobility Issue

1 Enhanced assigned 11/16/2011 by FDOT District 7

Comments: The Florida Department of Transportation (FDOT) has evaluated comments from Hillsborough County Metropolitan Planning Organization (MPO) and recommends a Degree of Effect of Enhanced.

The widening of Hillsborough Avenue within the project limits will complete the six-lane facility from I-275 to I-4. The Hillsborough County MPO stated that due to the heavy directional/peak commute pattern of this corridor, connection to I-4, and current planned transit service, solutions which address additional capacity through the special use lanes should be considered. Between 2005 and 2009, there have been 2 pedestrian fatalities within the project corridor.

The FDOT will coordinate with Hillsborough County MPO and consider other planned improvements along the corridor. Pedestrian and bicycle facilities will be evaluated as part of the PD&E study. The planned improvements should relieve congestion within the area and enhance mobility.

ETAT Reviews: Mobility Issue: 1 found

1 Enhanced assigned 09/23/2011 by Wally Blain, Hillsborough County MPO

Coordination Document: No Selection

Dispute Information:N/A

Identified Resources and Level of Importance: Pedestrian Crashes

Commute Pattern

Transit Service

Comments on Effects to Resources: Between 2005 and 2009 there have been 2 pedestrian fatalities. Widening of this corridor should include sidewalks on both sides of the road with adequate and safe crossing opportunities. Bicycle lanes should also be included in this project with appropriate signage and pavement markings.

Due to the heavy directional/peak commute pattern of this corridor, the connection with I-4, and current and planned transit service, solutions which address additional capacity through the special use lanes should be considered. This could include HOV/BRT lanes, Tolledd-lane concepts at intersections, or reversible lanes.

Coordinator Feedback: None

The following organization(s) were expected to but did not submit a review of the Mobility issue for this alternative: Federal Highway Administration

Coordinator Summary: Relocation Issue

Project Scope

General Project Commitments

No General Project Commitments Found

Required Permits

Permit Name	Type	Review Date
Construction Generic Permit	Stormwater	07/05/11
Environmental Resource Permit	Water	07/05/11
FDEP NPDES General Permit	Other	07/05/11
Environmental Resource Permit	State	07/05/11

Required Technical Studies

Technical Study Name	Type	Review Date
Final Preliminary Engineering Report (signed and sealed)	ENGINEERING	07/12/11
Noise Study Report	ENVIRONMENTAL	07/12/11
Conditions: Memorandum		
Contamination Screening Evaluation Report	ENVIRONMENTAL	07/12/11
Conditions: Memorandum		
Public Hearing Transcript	ENVIRONMENTAL	07/12/11
Cultural Resource Assessment	ENVIRONMENTAL	07/12/11
Traffic Analysis	ENGINEERING	07/12/11
State Environmental Impact Report (SEIR)	ENVIRONMENTAL	07/12/11
Project Development Summary Report (PDSR)	ENGINEERING	07/12/11
Wetlands Technical Memorandum	ENVIRONMENTAL	07/12/11
Endangered Species Biological Assessment Technical Memorandum	ENVIRONMENTAL	07/12/11

Class of Action

Class of Action Determination

Class of Action: State Environmental Impact Report with **Lead Agency** FL Department of Transportation

Other Actions: None

Class of Action Signatures

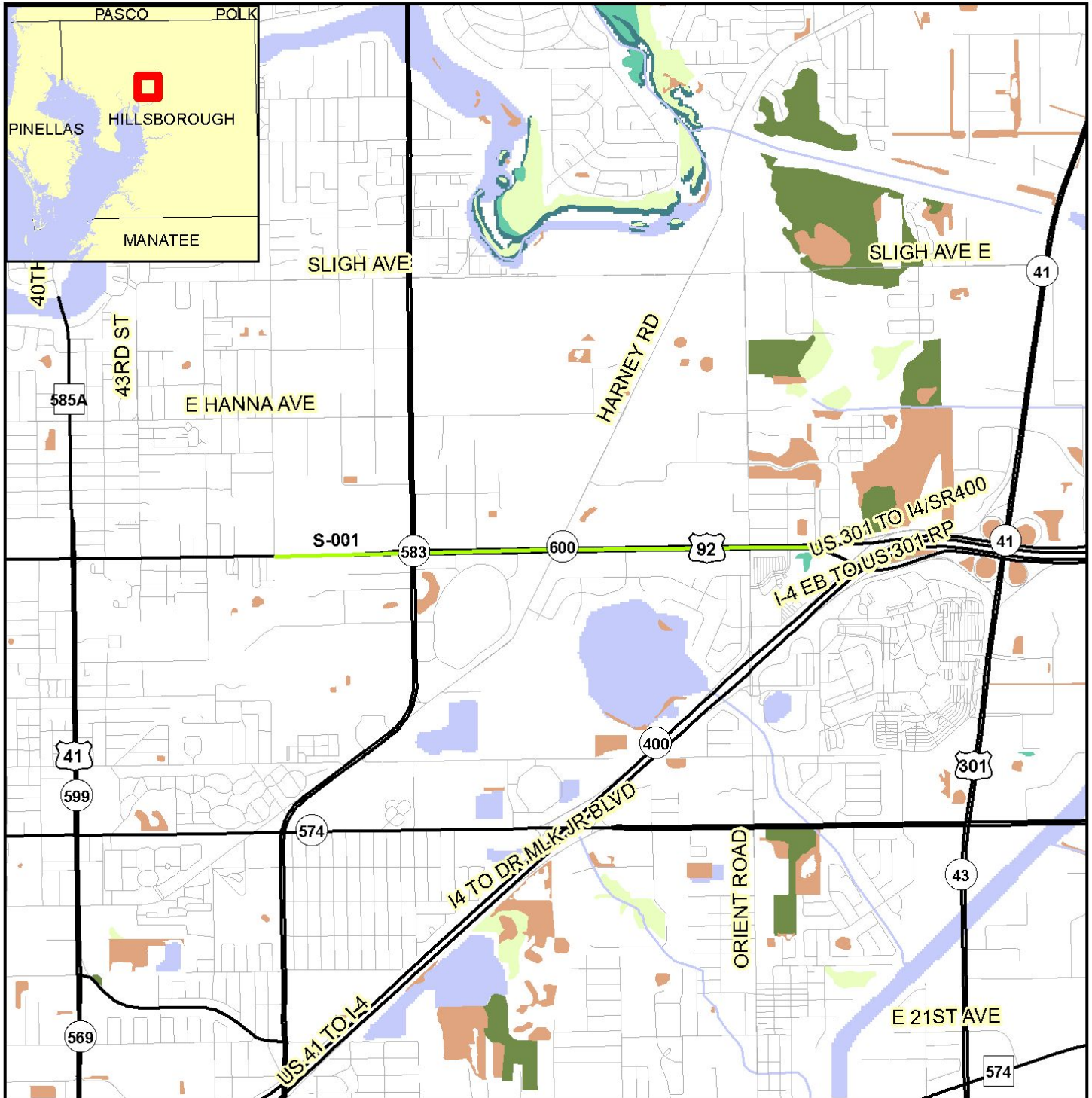
ACCEPTED by Steve C. Love, FDOT ETDM Coordinator for FDOT District 7 on 11/16/2011

Dispute Resolution Activity Log

No Dispute Actions Found.

Project-Level Hardcopy Maps

13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Coastal and Marine Resource Map

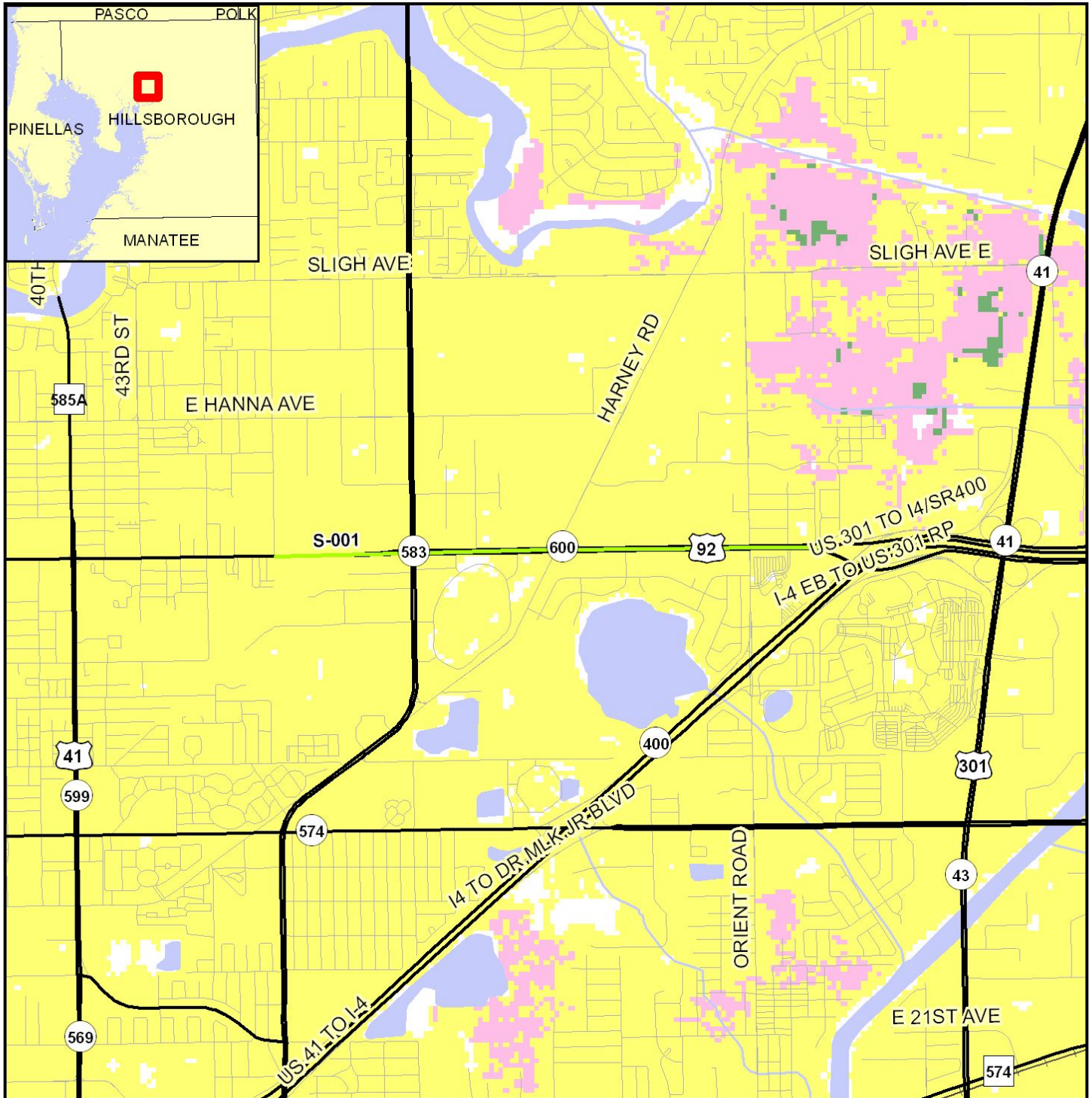
- | | | | | | |
|---|-----------|---------------------------|------------------------|-------------------------------|--------------------------------------|
| 0 | 0.7 Miles | ETDM Alternative Point | Major Road | Continuous Seagrass | Gravel Beach/Riprap |
| W | N | ETDM Alternative Terminus | Local Road or Trail | Discontinuous Seagrass | Exposed Tidal Flat |
| E | S | ETDM Alternative Segment | River, Stream or Canal | Coastal Barrier Resource Area | Sheltered Tidal Flat |
| S | | ETDM Alternative Polygon | Water Body | Swamp or Marsh | Mixed Sand And Gravel Beach |
| | | Aquatic Preserve | Exposed Rocky Platform | Sand Beach | Sheltered Rock/Seawall/Vegetated |
| | | Navigable Water Way | | | Exposed Vertical Rocky Shore/Seawall |

Data Sources: NAVTEQ; US Geological Survey; Florida Marine Research Institute; Florida Department of Transportation; Florida Department of Environmental Protection; National Oceanic and Atmospheric Association; Florida Water Management Districts

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Integrated Wildlife Habitat Ranking System Map

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ▨ ETDM Alternative Polygon
- Major Road
- Local Road or Trail
- Railroad
- River, Stream or Canal
- Water Body
- Low Habitat Quality
- Medium Habitat Quality
- High Habitat Quality

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Fish & Wildlife Conservation Commission

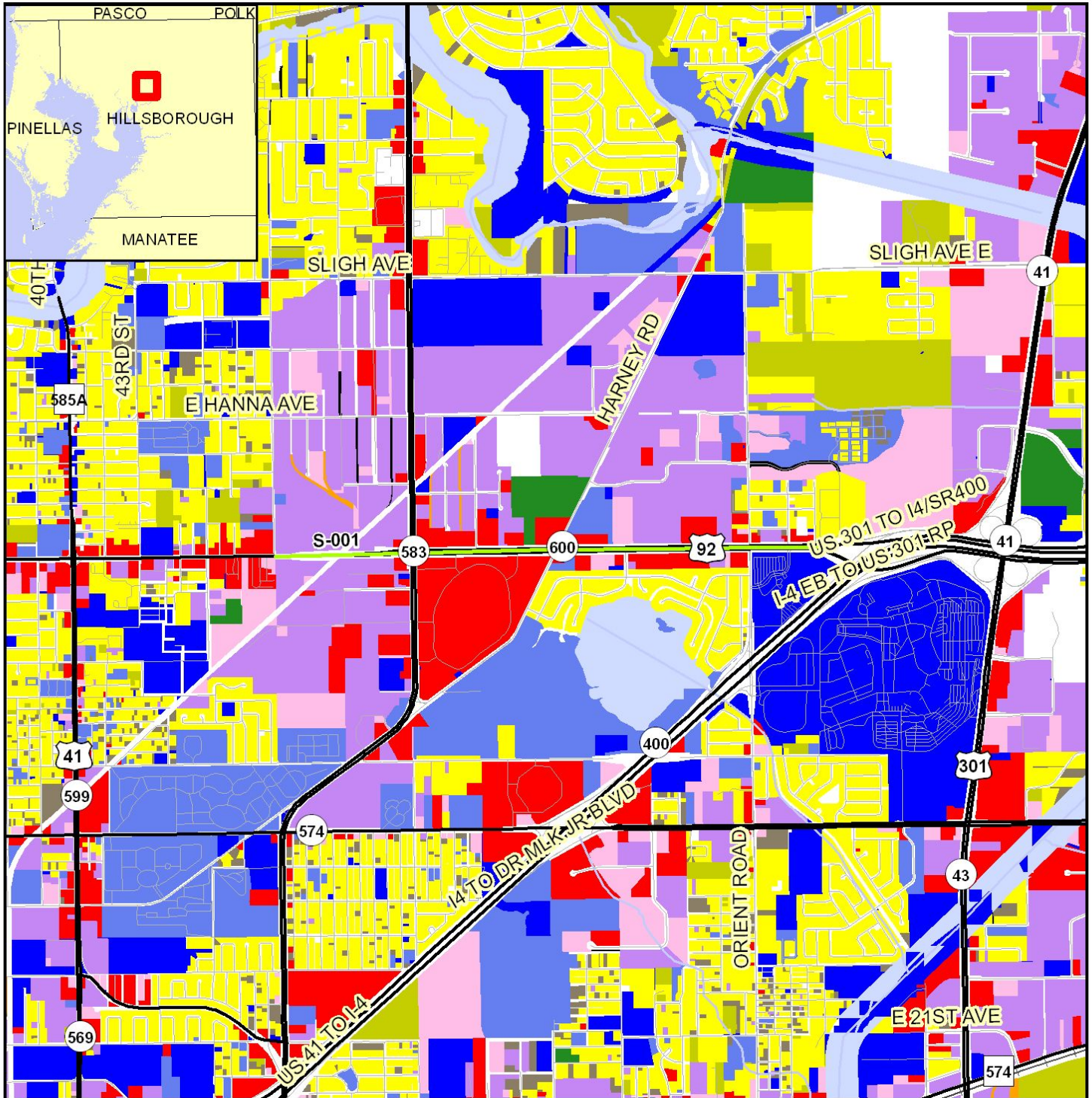
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Map Generated on: 7/19/2011



13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



0 0.25 Miles



Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Revenue
 Florida Department of Transportation
 Florida County Property Appraiser Offices

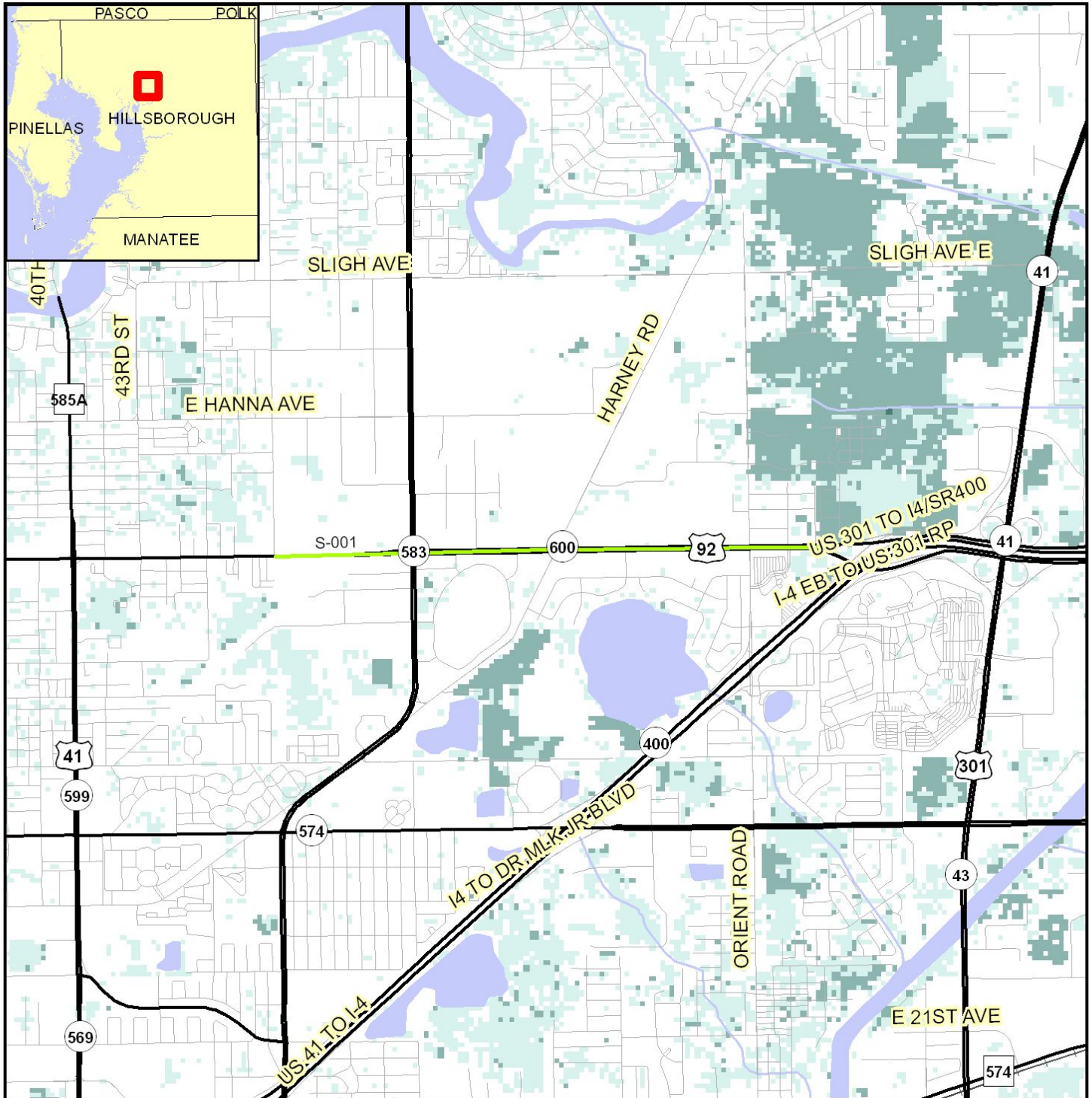
Land Use Map

- | | | | |
|---------------------------|------------------------|-------------------------|-------------------------|
| ETDM Alternative Point | Railroad | Open (Not Agricultural) | Retail/Office |
| ETDM Alternative Terminus | River, Stream or Canal | Other | Vacant (Residential) |
| ETDM Alternative Segment | Agricultural | Public | Vacant (Nonresidential) |
| ETDM Alternative Polygon | Industrial | Right-of-Way | Water |
| Major Road | Institutional | Recreational | No Data |
| Local Road or Trail | Mining | Residential | |

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Species Potential Habitat Model Map

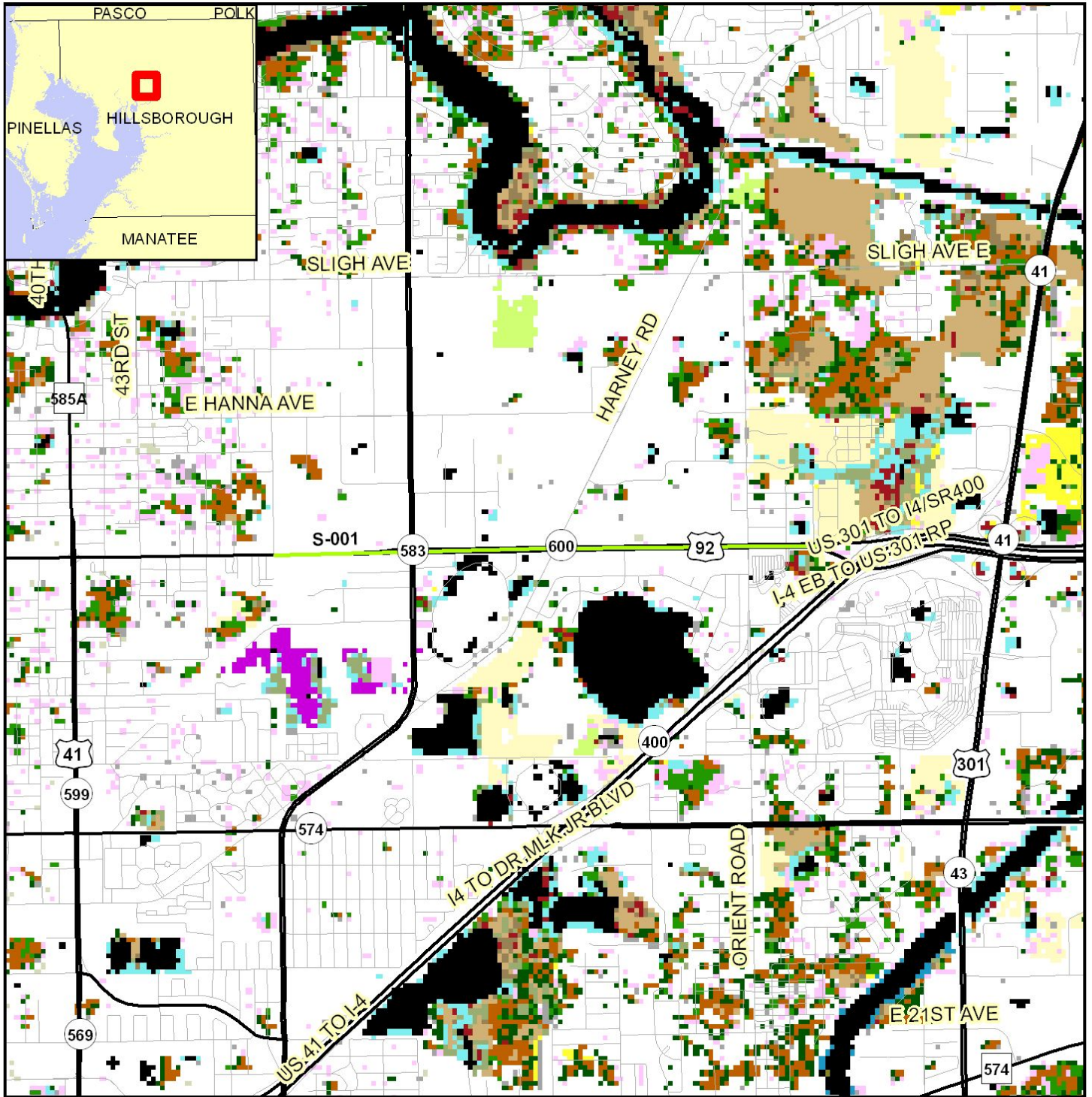
- | | | | |
|---------------------------|------------------------|-----------------------------------|-----------------|
| ETDM Alternative Point | Railroad | Potential Habitat Richness | |
| ETDM Alternative Terminus | River, Stream or Canal | 1 - 2 Species | 9 - 10 Species |
| ETDM Alternative Segment | Water Body | 3 - 5 Species | 11 - 13 Species |
| ETDM Alternative Polygon | Major Road | 6 - 8 Species | |
| Local Road or Trail | | | |

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Fish & Wildlife Conservation Commission

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



Vegetation and Land Cover Map

- | | | | | | | |
|---------------------------|----------------------------|----------------------------------|----------------------------|---------------------|---------------------|-------------------|
| ETDM Alternative Polygon | Not Classified | Hardwood Hammocks and Forests | Bay Swamp | Mangrove Swamp | Unimproved Pasture | Brazilian Pepper |
| ETDM Alternative Segment | Coastal Strand | Pinelands | Cypress Swamp | Scrub Mangrove | Sugarcane | High Impact Urban |
| ETDM Alternative Terminus | Sand/Beach | Cabbage Palm-live Oak Hammock | Cypress/Pine/Cabbage Palm | Tidal Flats | Citrus | Low Impact Urban |
| ETDM Alternative Point | Xeric Oak Scrub | Tropical Hardwood Hammock | Mixed Wetland Forest | Open Water | Row and Field Crops | Extractive |
| Major Road | Sand Pine Scrub | Freshwater Marsh and Wet Prairie | Hardwood Swamp | Shrub and Brushland | Other Agriculture | |
| Local Road or Trail | Sandhill | Sawgrass Marsh | Hydric Hammock | Grassland | Exotic Plants | |
| | Dry Prairie | Cattail Marsh | Bottomland Hardwood Forest | Bare Soil/Clearcut | Australian Pine | |
| | Mixed Hardwood-pine Forest | Shrub Swamp | Salt Marsh | Improved Pasture | Melaleuca | |

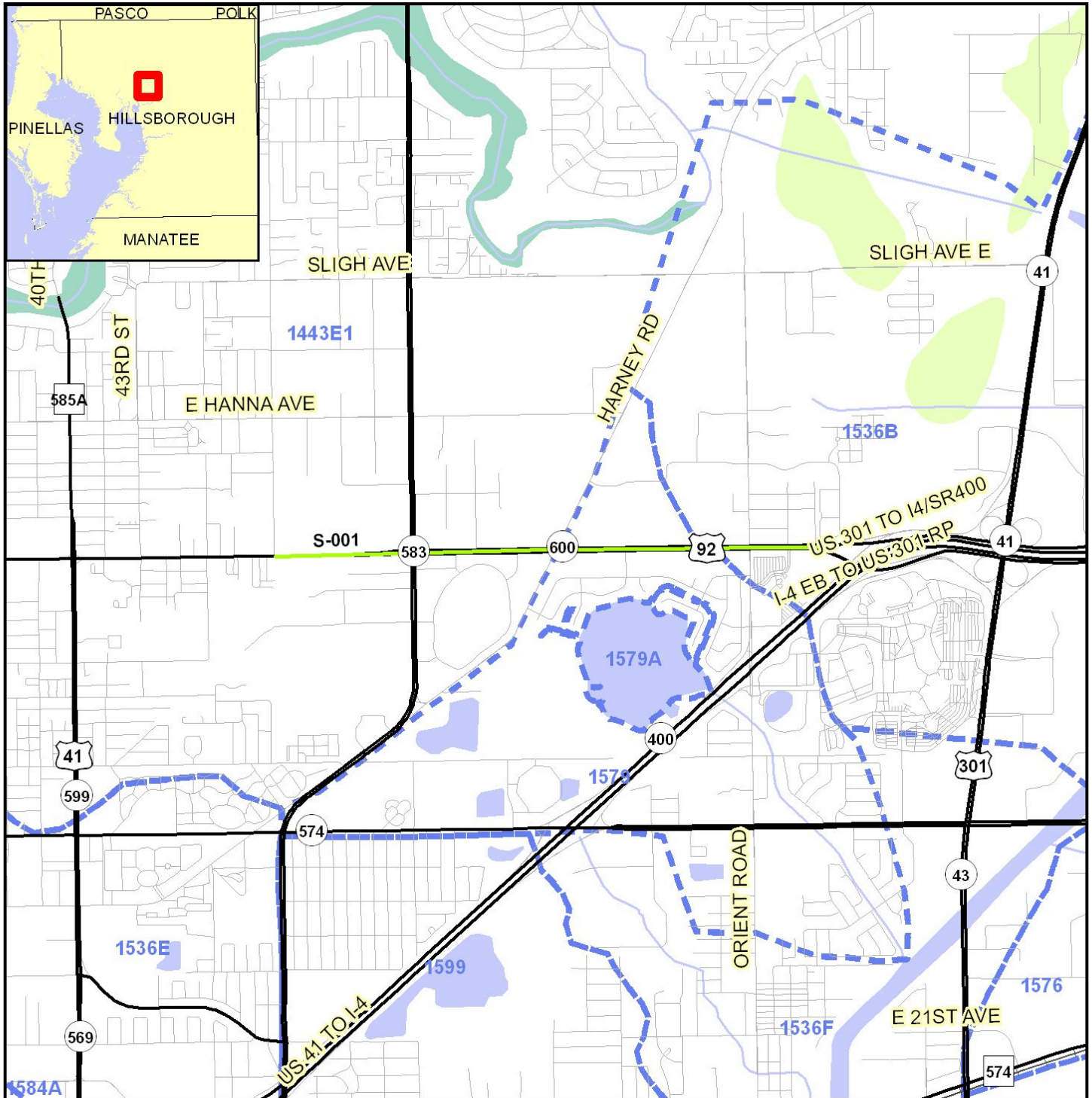
Data Sources:

NAVTEQ; Florida Department of Transportation; Florida Fish and Wildlife Conservation Commission

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



0 0.9 Miles

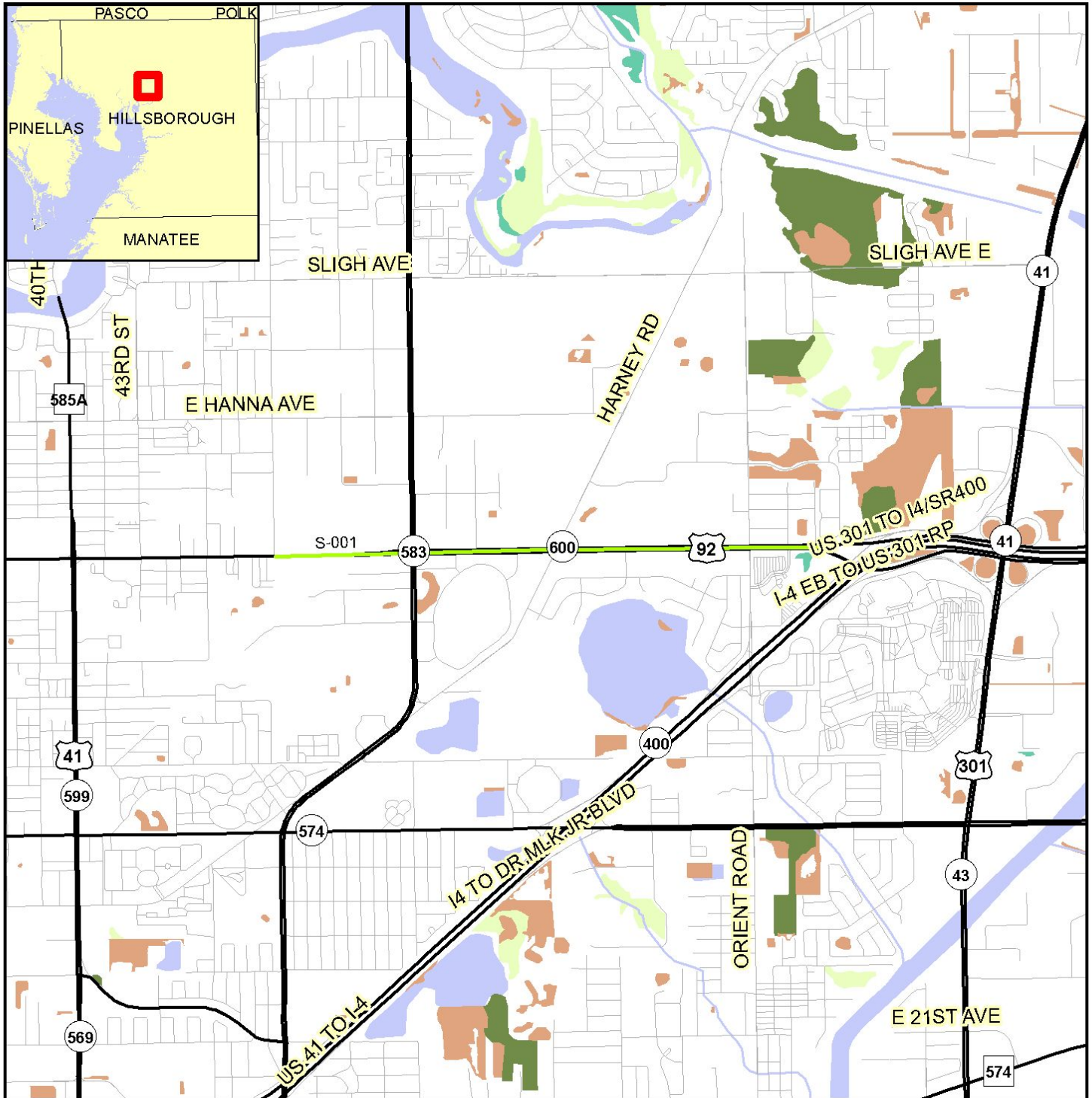
ETDM Alternative Point	Railroad	Surface Water Class I
ETDM Alternative Terminus	1st Magnitude Spring	Surface Water Class II
ETDM Alternative Segment	River, Stream or Canal	Water Body
ETDM Alternative Polygon	Navigable Water Way	Swamp/Marsh
Major Road	Drainage Basin	
Local Road or Trail	Outstanding Florida Water	

Data Sources: NAVTEQ, US Geological Survey, Florida Department of Transportation, Florida Department of Environmental Protection, Florida Geological Survey, US Bureau of Transportation Statistics

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13312 Hillsborough Avenue 50th Street to Western Terminus of I-4 Ramps



0 0.5 Miles

Wetland Resource Map

- | | | | | | |
|--|---------------------------|--|------------------------|--|--------------------------------|
| | ETDM Alternative Polygon | | Major Road | | Non-vegetated Wetland |
| | ETDM Alternative Segment | | Local Road or Trail | | Vegetated Non-forested Wetland |
| | ETDM Alternative Terminus | | River, Stream or Canal | | Wetland Forested Mixed |
| | ETDM Alternative Point | | Water Body | | Wetland Coniferous Forest |
| | | | | | Wetland Hardwood Forest |

Data Sources: NAVTEQ; Florida Water Management Districts; US Geological Survey

This map and its content is made available by the Florida Department of Transportation on an "as is," "as available" basis without warranties of any kind, express or implied.

Appendices

Degree of Effect Legend

Legend			
Color Code	Meaning	ETAT	Public Involvement
N/A	Not Applicable / No Involvement	There is no presence of the issue in relationship to the project, or the issue is irrelevant in relationship to the proposed transportation action.	
0	None (after 12/5/2005)	The issue is present, but the project will have no impact on the issue; project has no adverse effect on ETAT resources; permit issuance or consultation involves routine interaction with the agency. The <i>None</i> degree of effect is new as of 12/5/2005.	No community opposition to the planned project. No adverse effect on the community.
1	Enhanced	Project has positive effect on the ETAT resource or can reverse a previous adverse effect leading to environmental improvement.	Affected community supports the proposed project. Project has positive effect.
2	Minimal	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Low cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
2	Minimal to None (assigned prior to 12/5/2005)	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Low cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
3	Moderate	Agency resources are affected by the proposed project, but avoidance and minimization options are available and can be addressed during development with a moderated amount of agency involvement and moderate cost impact.	Project has adverse effect on elements of the affected community. Public Involvement is needed to seek alternatives more acceptable to the community. Moderate community interaction will be required during project development.
4	Substantial	The project has substantial adverse effects but ETAT understands the project need and will be able to seek avoidance and minimization or mitigation options during project development. Substantial interaction will be required during project development and permitting.	Project has substantial adverse effects on the community and faces substantial community opposition. Intensive community interaction with focused Public Involvement will be required during project development to address community concerns.
5	Potential Dispute (Planning Screen)	Project may not conform to agency statutory requirements and may not be permitted. Project modification or evaluation of alternatives is required before advancing to the LRTP Programming Screen.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
5	Dispute Resolution (Programming Screen)	Project does not conform to agency statutory requirements and will not be permitted. Dispute resolution is required before the project proceeds to programming.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
	No ETAT Consensus	ETAT members from different agencies assigned a different degree of effect to this project, and the ETDM coordinator has not assigned a summary degree of effect.	
	No ETAT Reviews	No ETAT members have reviewed the corresponding issue for this project, and the ETDM coordinator has not assigned a summary degree of effect.	

GIS Analyses

Since there are so many GIS Analyses available for Project #13312 - Hillsborough Avenue , they have not been included in this ETDM Summary Report. GIS Analyses, however, are always available for this project on the Public ETDM Website. Please click on the link below (or copy this link into your Web Browser) in order to view detailed GIS tabular information for this project:

<http://etdmpub.fl-a-etat.org/est/index.jsp?tpID=13312&startPageName=GIS%20Analysis%20Results>

Special Note: Please be sure that when the GIS Analysis Results page loads, the **Programming Screen Summary Report Re-published on 11/16/2011 by Steve Love Milestone** is selected. GIS Analyses snapshots have been taken for Project #13312 at various points throughout the project's life-cycle, so it is important that you view the correct snapshot.

Attachment B

USFWS Concurrence Letter



Florida Department of Transportation

RICK SCOTT
GOVERNOR

11201 N. McKinley Drive
Tampa, Florida 33612

ANANTH PRASAD, P.E.
SECRETARY

Sept



FWS Log No

13-I-0002

The proposed action is not likely to adversely affect resources protected by the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.) This finding fulfills the requirements of the Act.

David L. Hankla
for

David L. Hankla
Field Supervisor

10/2/12
Date

Ms. Jane Monaghan
U.S. Fish and Wildlife Service
7915 Baymeadows Way, Suite 200
Jacksonville, FL 32256-7517

RE: WPI Segment No: 430054-1
Hillsborough Avenue (US 92/SR 600)
From 50th Street to the west of Interstate 4
Hillsborough County, Florida

Dear Ms. Monaghan,

The Florida Department of Transportation (Department), District Seven is conducting a State Environmental Impact Report (SEIR) to evaluate the widening of approximately 2 miles along Hillsborough Avenue from 50th Street to west of Interstate 4 (I-4). Hillsborough Avenue is a major east-west arterial in central Hillsborough County that connects U.S. Highway 301 (US 301) and I-4 and provides access to many commercial, industrial and residential areas within central Hillsborough County. The roadway is to be improved from an existing 4-lane divided to a 6-lane divided roadway. This project was screened through the Efficient Transportation Decision Making (ETDM) process under ETDM Programming Screen #13312.

As a part of conducting this study, the Department is initializing informal consultation with the U.S. Fish and Wildlife Service (USFWS). In order to fulfill the requirements of the various federal and state environmental and regulatory processes the Department is soliciting comments from federal, state, and local agencies. A Draft Endangered Species Biological Assessment (ESBA) Technical Memorandum has been prepared for the study. This memorandum is attached for your review.

This project has been evaluated for impacts on federally protected threatened and endangered species. Based on the results of the study conducted, the Department has concluded that the wood stork, eastern indigo snake, and bald eagle may utilize habitat within the project area. It is

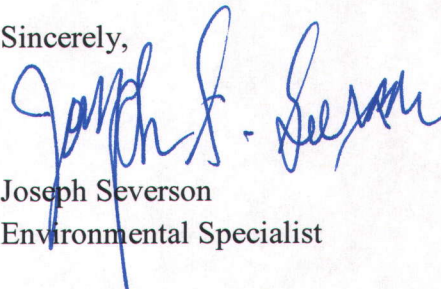
September 6, 2012

anticipated that this project will have minimal temporary impacts to habitat during construction of the proposed roadway widening, but will not have any permanent adverse effects to these species or their habitat.

No suitable foraging habitat for the wood stork or suitable habitat for the eastern indigo snake will be impacted by the construction of the proposed roadway widening. There is one bald eagle nest (HL055) located within approximately 300 feet of the project corridor that may be affected during construction. The Department will coordinate with the USFWS and monitor the nest if needed during construction. Therefore, the Department has determined that the proposed actions will have a "No Effect" determination for the wood stork, eastern indigo snake, and other state-listed species identified in the ESBA Technical Memorandum and a "May Affect" determination for the bald eagle.

If your office concurs with this determination, please respond to the Department in writing by ~~September 14, 2012~~ ^{OCTOBER} 14, 2012. If your agency would like a site review or any additional information, please feel free to call me at (813) 975-6455.

Sincerely,



Joseph Severson
Environmental Specialist

cc: File
Robin Rhinesmith
Manuel Santos, E.I.

Enclosed: Draft Endangered Species Biological Assessment Technical Memorandum

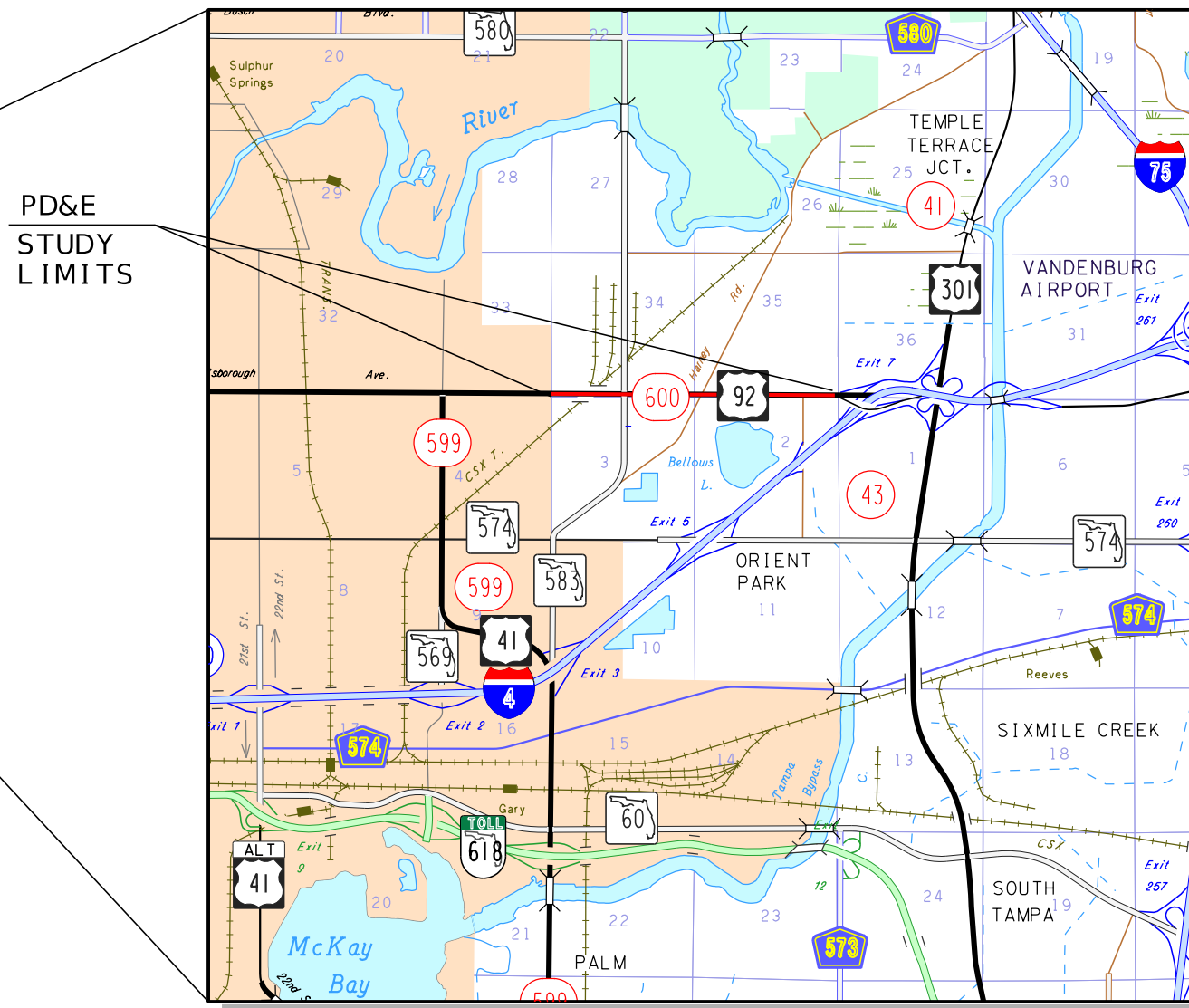
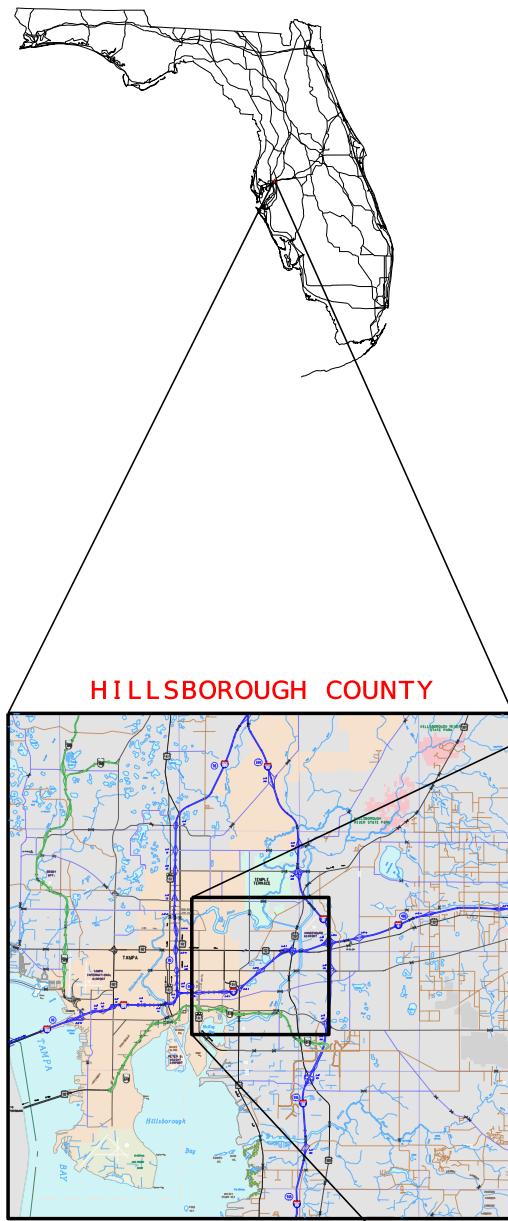
APPENDIX L

Preliminary Concept Plans

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

PRELIMINARY
CONCEPTUAL PLANS

STATE ROAD NO. 600 (US92)
HILLSBOROUGH AVENUE
PD&E STUDY
FROM 50TH STREET TO INTERSTATE 4
WPI SEGMENT NO. 430054-1



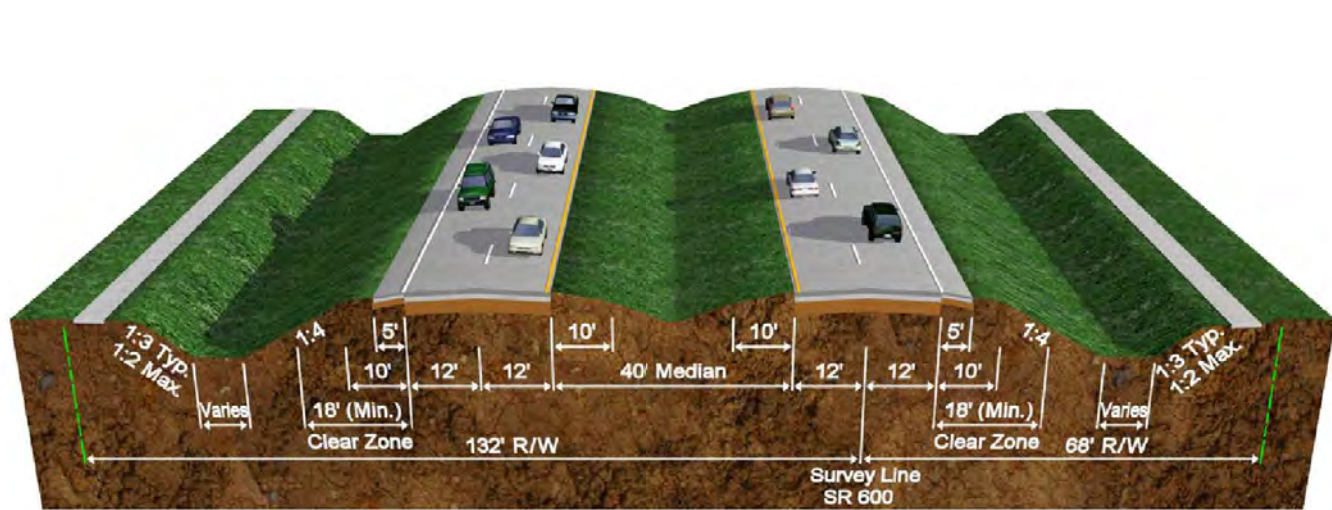
Prepared for:
The Florida Department of
Transportation District Seven
Intermodal Systems Development Unit

BY:

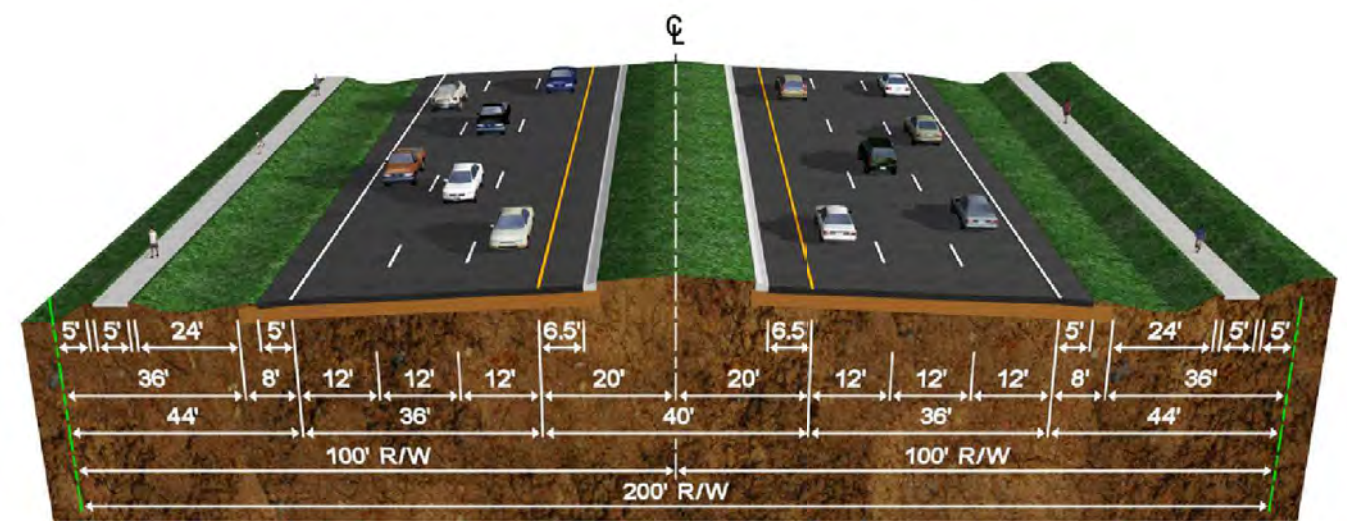


AUGUST 2012

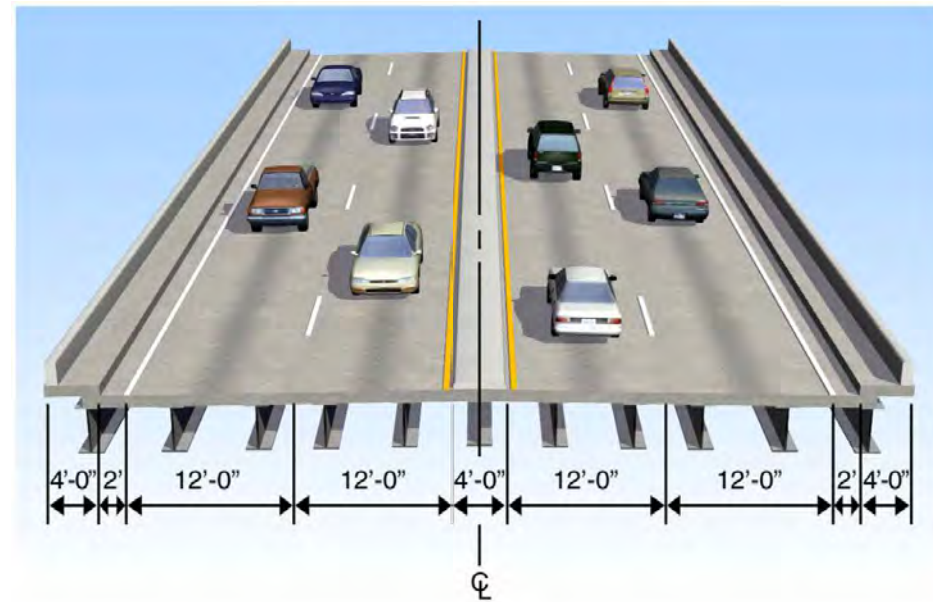
FDOT PROJECT MANAGER: MANUEL SANTOS, EI



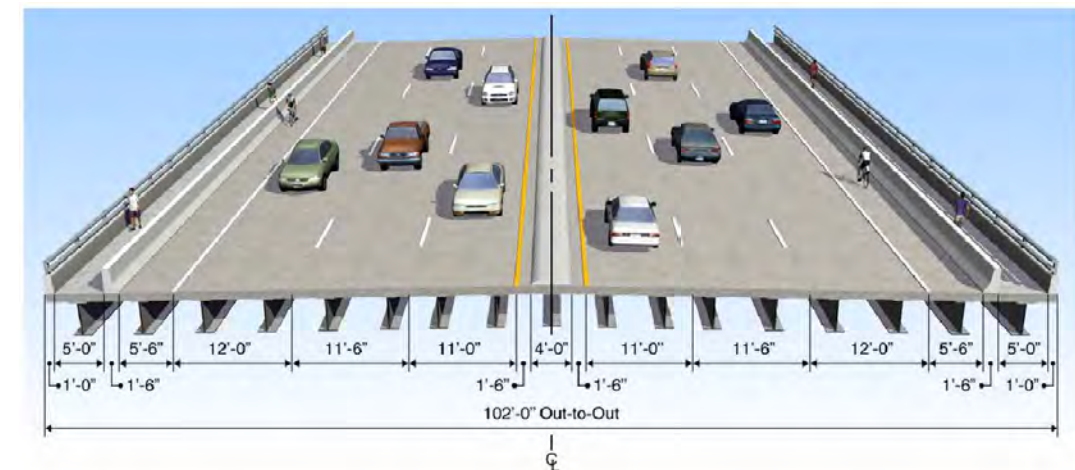
**EXISTING 4-LANE RURAL
TYPICAL SECTION**



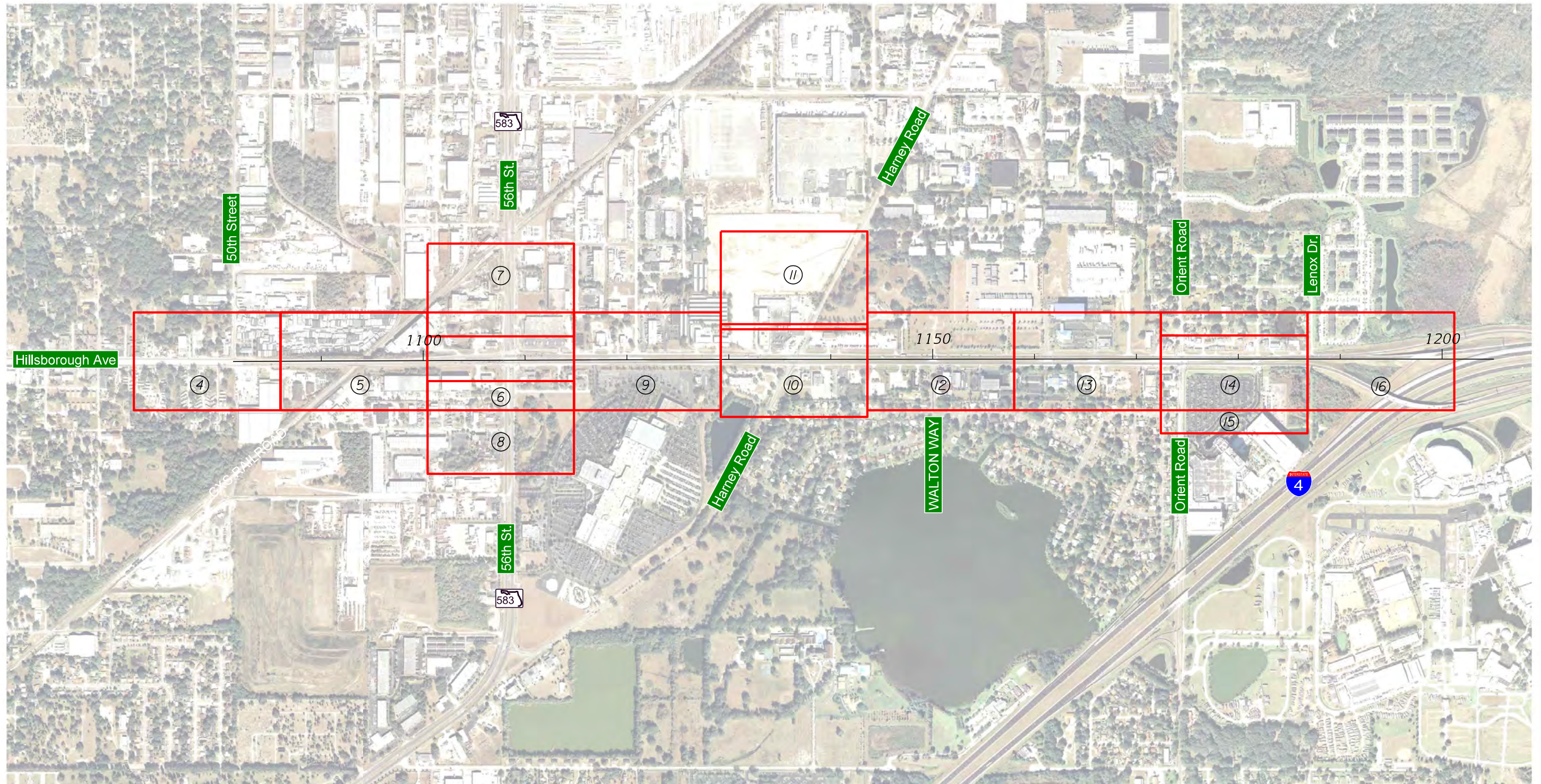
**PROPOSED 6-LANE SUBURBAN
TYPICAL SECTION**



**EXISTING BRIDGE
TYPICAL SECTION**



PROPOSED BRIDGE TYPICAL SECTION



SHEET LAYOUT KEY

American
Consulting Engineers of Florida, LLC
2818 Cypress Ridge Blvd, Suite 200
Wesley Chapel, FL 33544
Phone: (813) 435-2600 Fax: (813) 435-2601
Certificate of Authorization No. 9302
Jeffrey S. Novotny, P.E. No. 51083

**HILLSBOROUGH AVE PD&E STUDY
FROM 50TH ST. TO I-4 RAMPS
CONCEPT PLANS**

SHEET NO.

3

WPI SEG. NO.: 430054-1



BEGIN PROJECT

50th Street

Hillsborough Ave

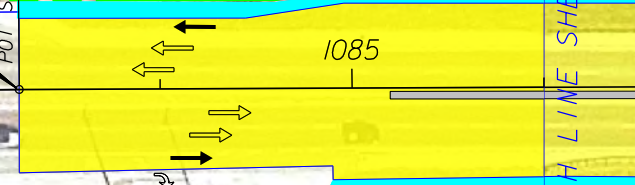
LV Thompson, Inc.

Williams Scotsman



POT STA. 1081+33.94

POT STA. 1083+26.65



1085

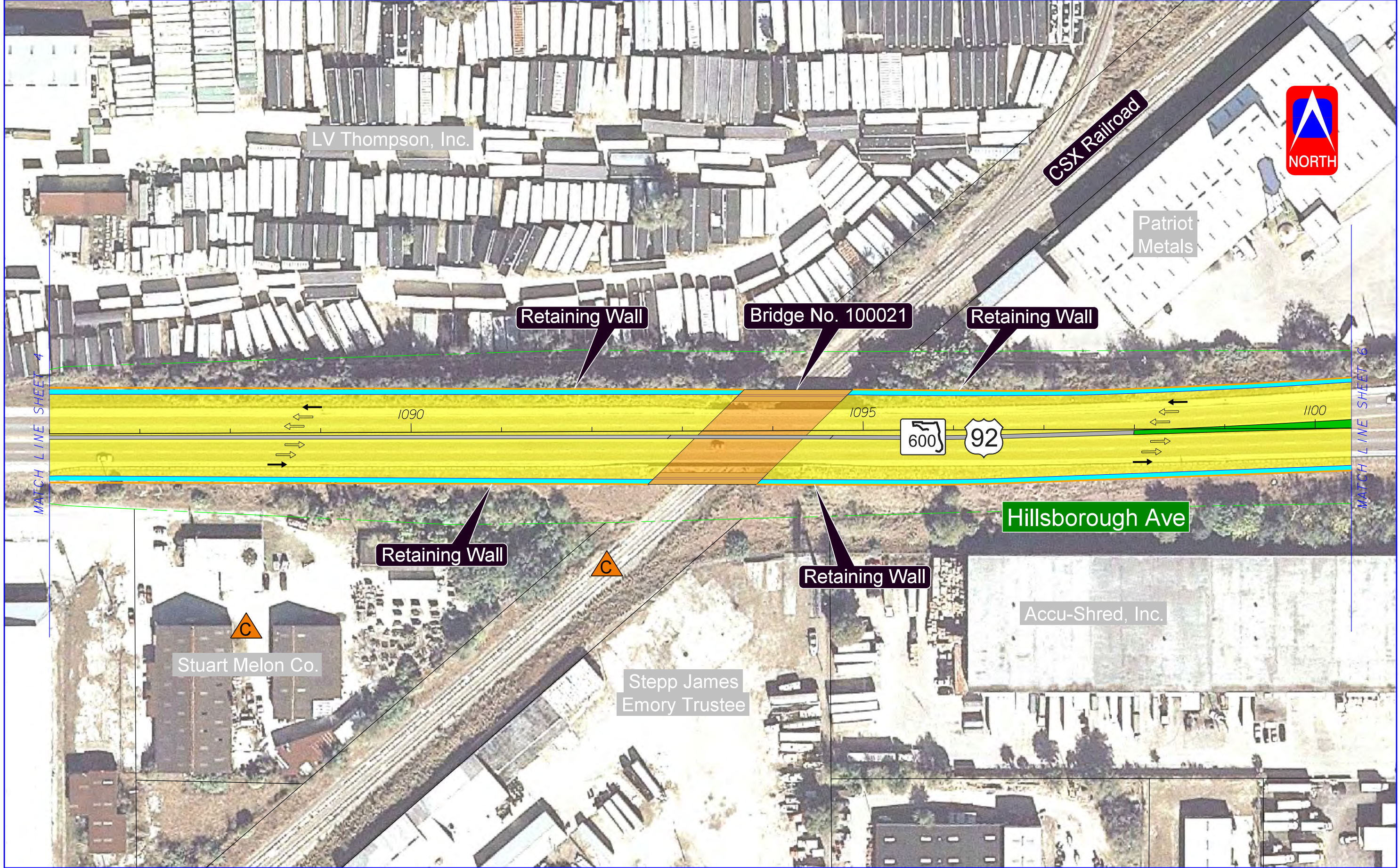
MATCH LINE SHEET 5

RESTRIPE OUTSIDE LANE



Thompson Architectural Metal Company (TAMCO)

LEGEND	PROPOSED ROADWAY	PROPOSED BRIDGE/WALL	PROPOSED EDGE OF PAVEMENT	0 20 100 Feet	 American Consulting Engineers of Florida, LLC 2818 Cypress Ridge Blvd, Suite 200 Wesley Chapel, FL 33544 Phone: (813) 435-2600 Fax: (813) 435-2601 Certificate of Authorization No. 9302 Jeffrey S. Novotny, P.E. No. 51083	HILLSBOROUGH AVE PD&E STUDY FROM 50TH ST. TO I-4 RAMPS CONCEPT PLANS	SHEET NO. 4
	PROPOSED MEDIAN (CONCRETE)	POTENTIAL CONTAMINATION SITE	PROPERTY LINES				
	PROPOSED MEDIAN (SOD)	EXISTING LANE	EXISTING ROW				
	PLANNED / PROPOSED SIDEWALK	PROPOSED LANE	PROPOSED ROW TO BE ACQUIRED				



LV Thompson, Inc.

CSX Railroad

Patriot Metals

Retaining Wall

Bridge No. 100021

Retaining Wall

1090

1095

1100



Hillsborough Ave

Retaining Wall

Retaining Wall

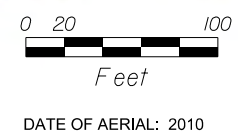
Accu-Shred, Inc.

Stuart Melon Co.

Stepp James Emory Trustee

LEGEND

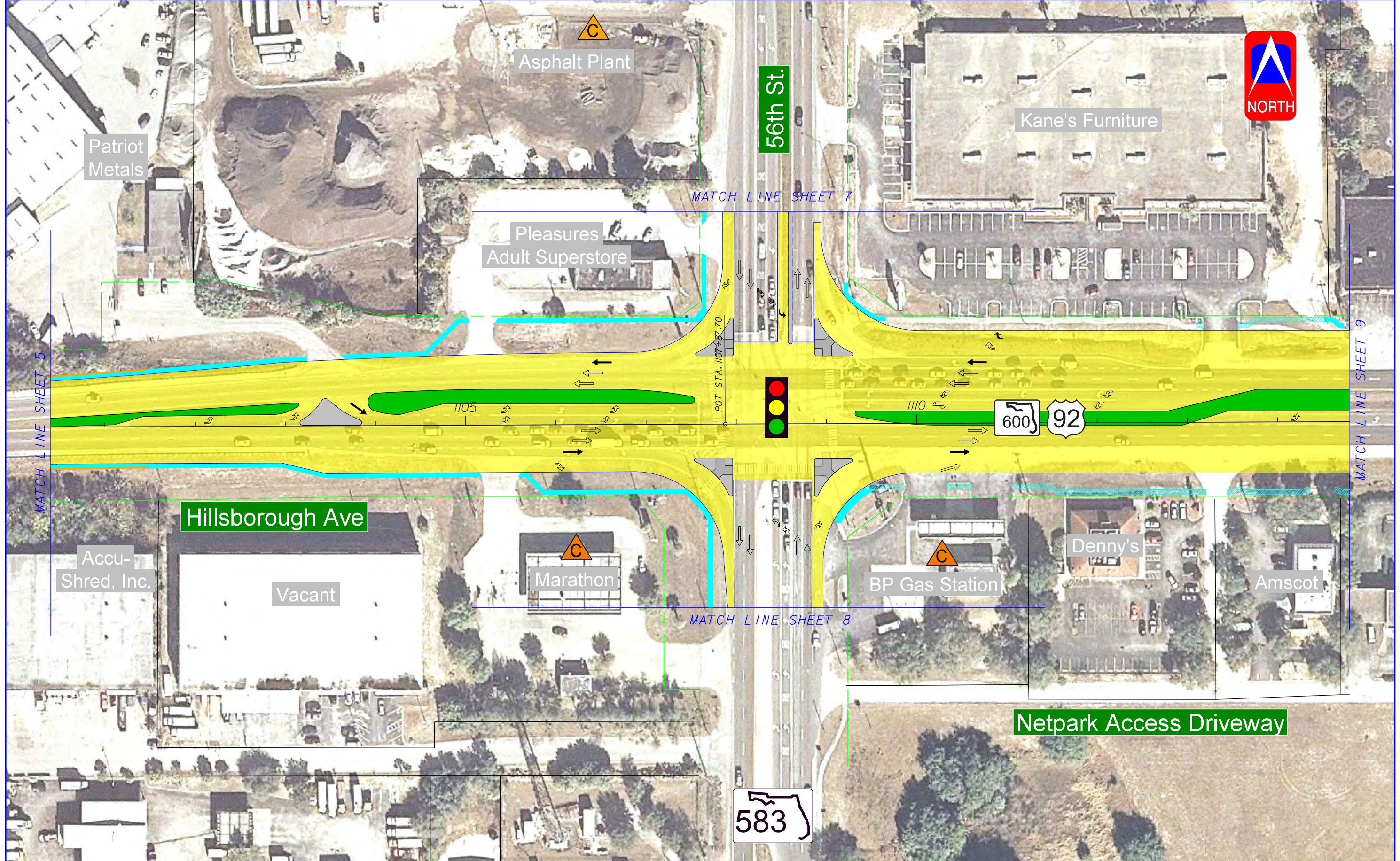
- PROPOSED ROADWAY
- PROPOSED MEDIAN (CONCRETE)
- PROPOSED MEDIAN (SOD)
- PLANNED / PROPOSED SIDEWALK
- PROPOSED BRIDGE/WALL
- POTENTIAL CONTAMINATION SITE
- EXISTING LANE
- PROPOSED LANE
- PROPOSED EDGE OF PAVEMENT
- PROPERTY LINES
- EXISTING ROW
- PROPOSED ROW TO BE ACQUIRED



American
 Consulting Engineers of Florida, LLC
 2818 Cypress Ridge Blvd, Suite 200
 Wesley Chapel, FL 33544
 Phone: (813) 435-2600 Fax: (813) 435-2601
 Certificate of Authorization No. 9302
 Jeffrey S. Novotny, P.E. No. 51083

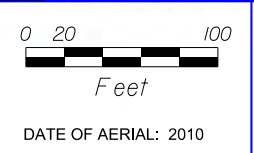
HILLSBOROUGH AVE PD&E STUDY
FROM 50TH ST. TO I-4 RAMPS
CONCEPT PLANS

SHEET NO.
 5



LEGEND

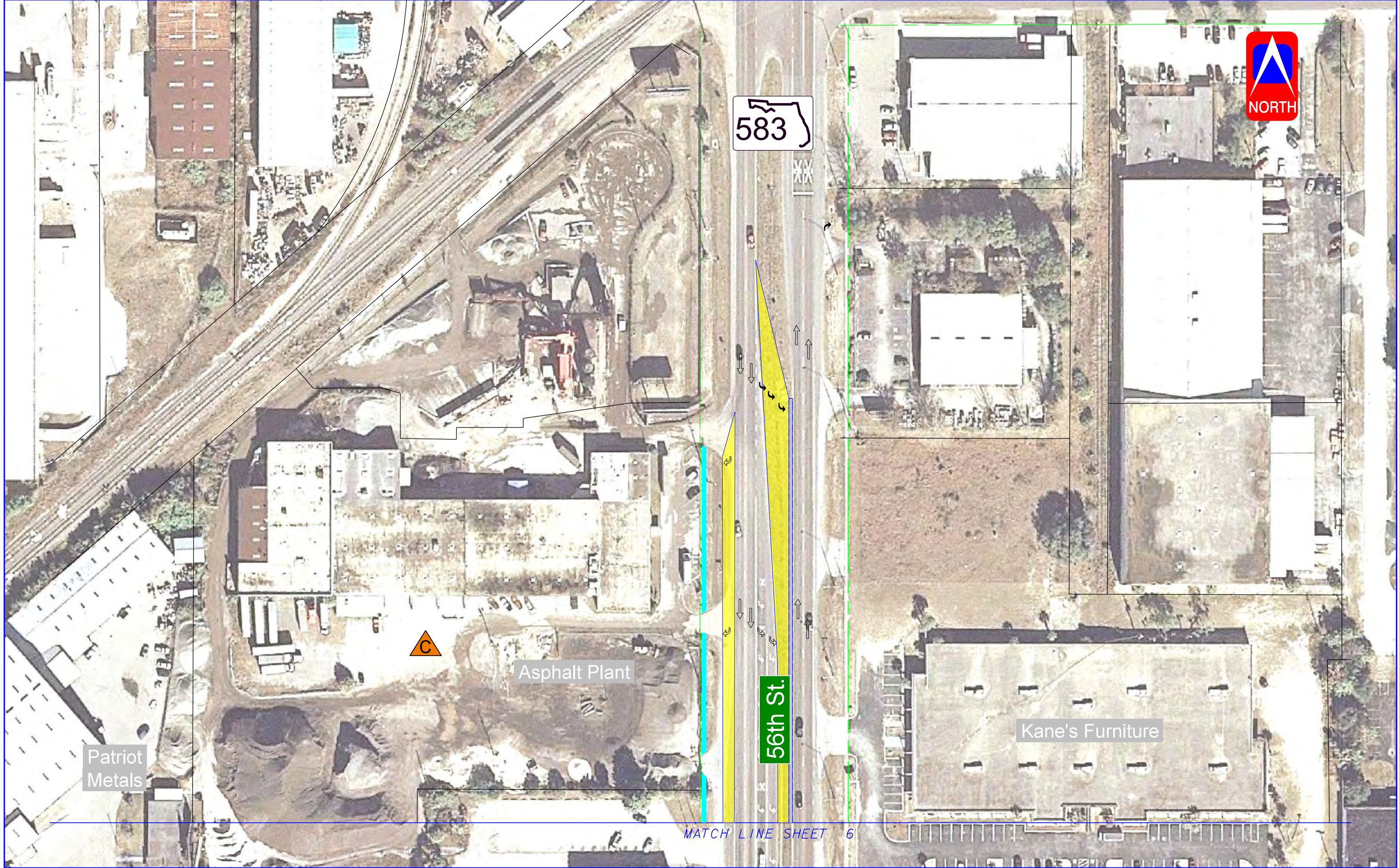
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|--|-----------------------------|--|------------------------------|--|-----------------------------|
| | PROPOSED ROADWAY | | PROPOSED BRIDGE/WALL | | PROPOSED EDGE OF PAVEMENT |
| | PROPOSED MEDIAN (CONCRETE) | | POTENTIAL CONTAMINATION SITE | | PROPERTY LINES |
| | PROPOSED MEDIAN (SOD) | | EXISTING LANE | | EXISTING ROW |
| | PLANNED / PROPOSED SIDEWALK | | PROPOSED LANE | | PROPOSED ROW TO BE ACQUIRED |



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HILLSBOROUGH AVE PD&E STUDY
FROM 50TH ST. TO I-4 RAMPS
CONCEPT PLANS
 WPI SEG. NO.: 430054-1

SHEET NO.
 6



583













56th St.

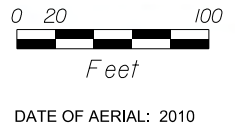
Asphalt Plant

Patriot Metals

Kane's Furniture

MATCH LINE SHEET 6

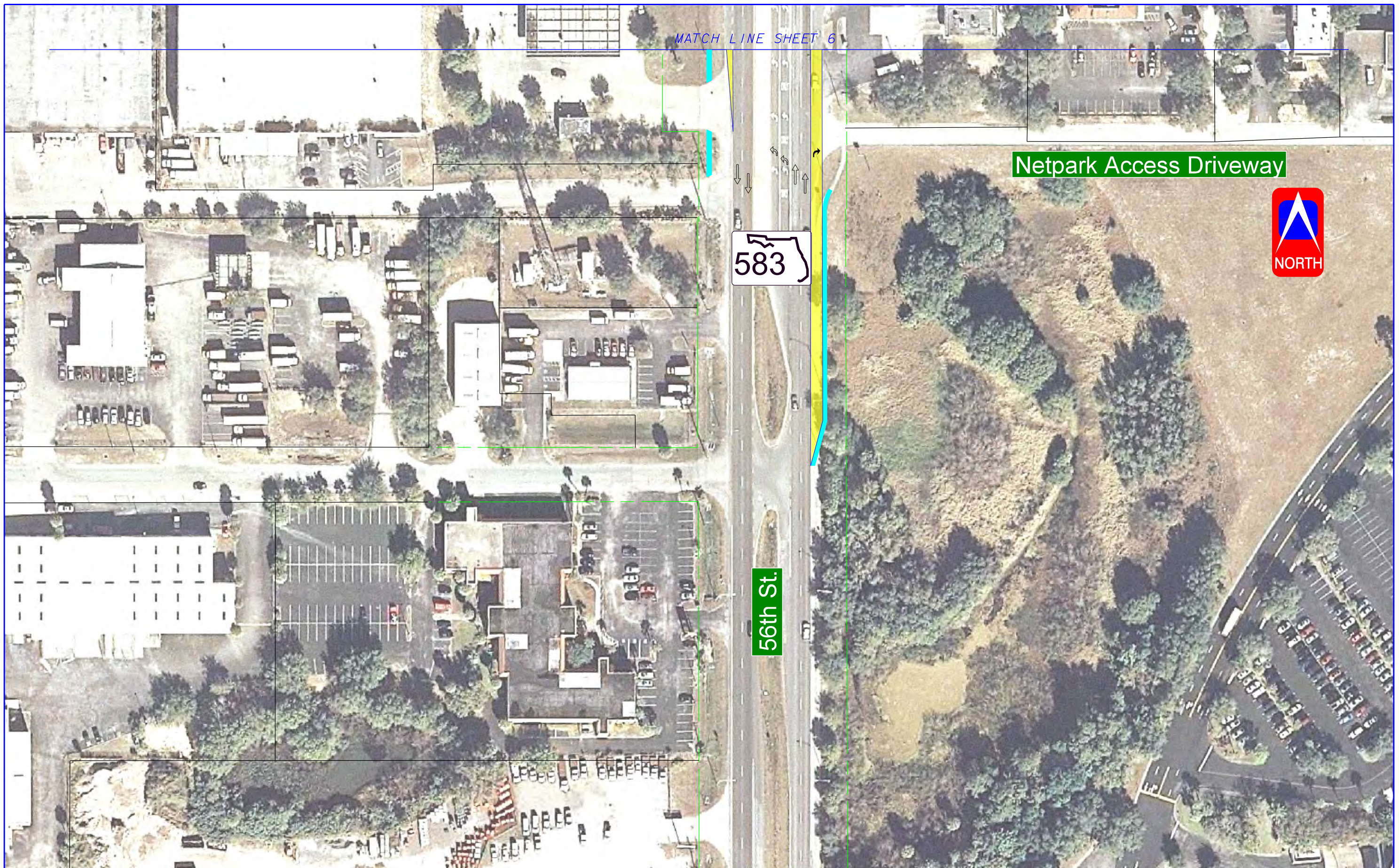
LEGEND	 PROPOSED ROADWAY	 PROPOSED BRIDGE/WALL	 PROPOSED EDGE OF PAVEMENT
	 PROPOSED MEDIAN (CONCRETE)	 POTENTIAL CONTAMINATION SITE	 PROPERTY LINES
	 PROPOSED MEDIAN (SOD)	 EXISTING LANE	 EXISTING ROW
	 PLANNED / PROPOSED SIDEWALK	 PROPOSED LANE	 PROPOSED ROW TO BE ACQUIRED















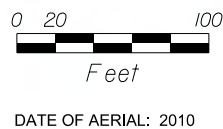
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FROM 50TH ST. TO I-4 RAMPS
CONCEPT PLANS
 WPI SEG. NO.: 430054-1

SHEET NO.	7
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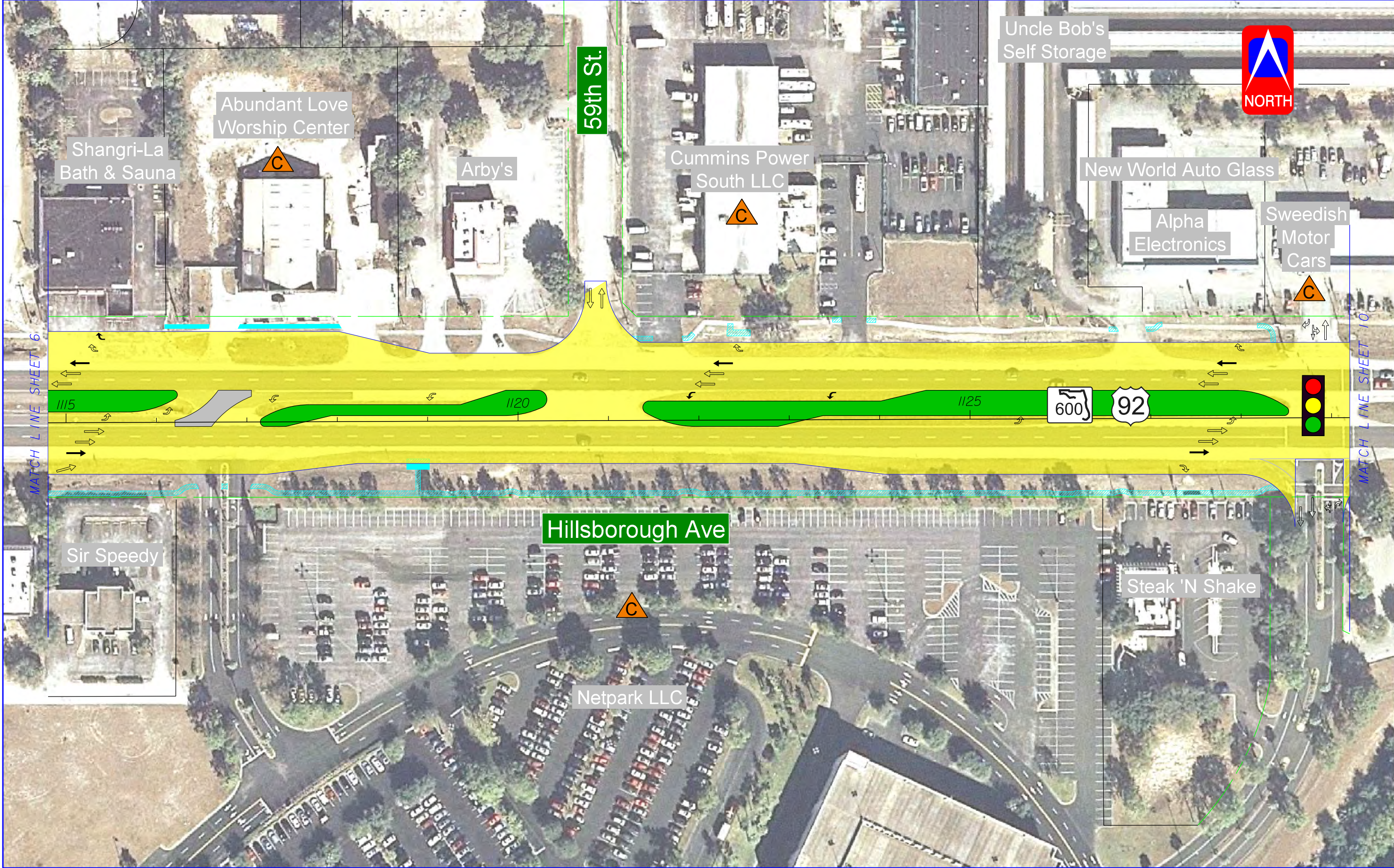
LEGEND	 PROPOSED ROADWAY	 PROPOSED BRIDGE/WALL	 PROPOSED EDGE OF PAVEMENT
	 PROPOSED MEDIAN (CONCRETE)	 POTENTIAL CONTAMINATION SITE	 PROPERTY LINES
	 PROPOSED MEDIAN (SOD)	 EXISTING LANE	 EXISTING ROW
	 PLANNED / PROPOSED SIDEWALK	 PROPOSED LANE	 PROPOSED ROW TO BE ACQUIRED



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CONCEPT PLANS
 WPI SEG. NO.: 430054-1

SHEET NO.
 8















59th St.

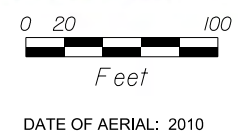
Hillsborough Ave

MATCH LINE SHEET 6

MATCH LINE SHEET 10

LEGEND

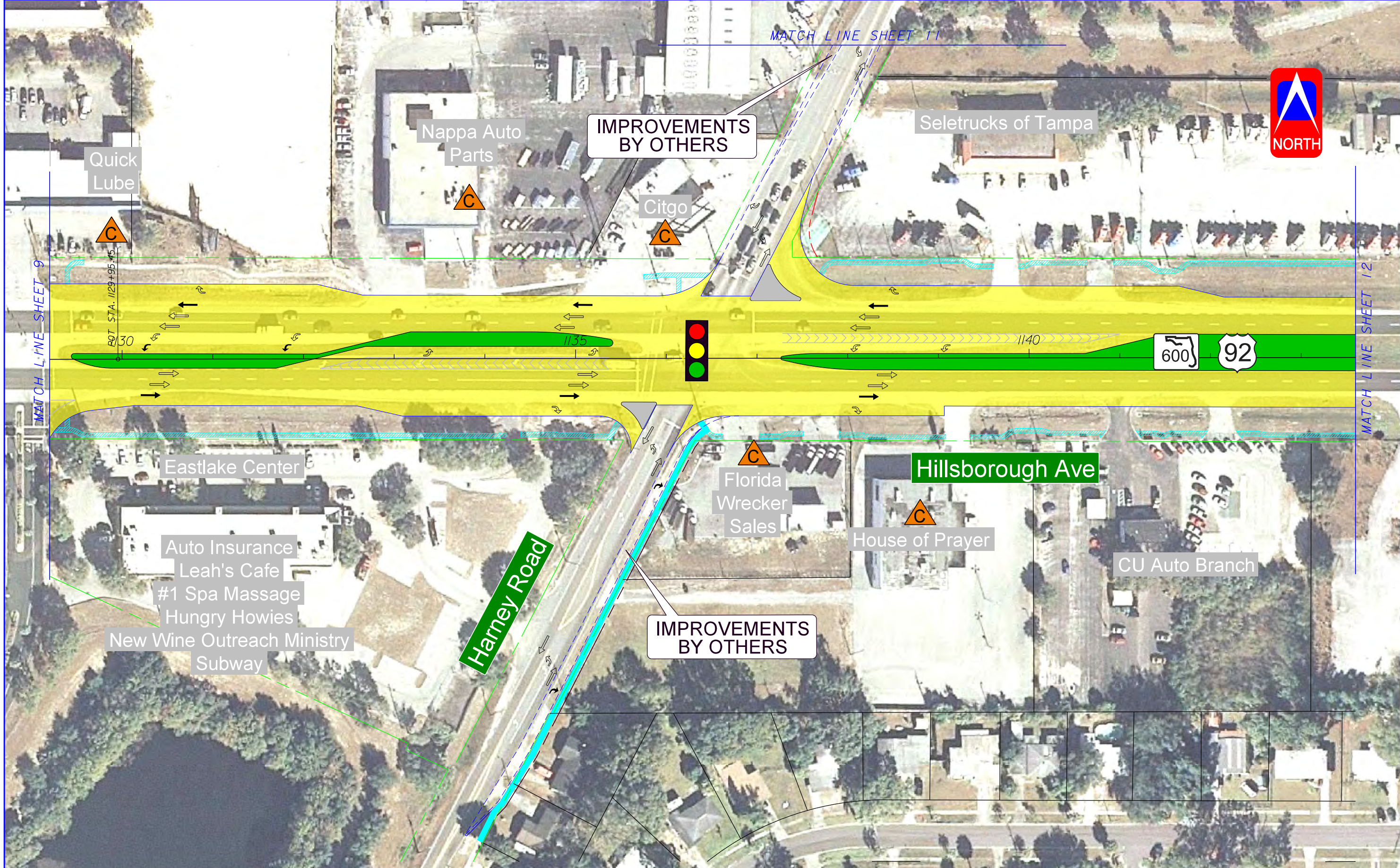
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|---|--|---|
|  PROPOSED ROADWAY |  PROPOSED BRIDGE/WALL |  PROPOSED EDGE OF PAVEMENT |
|  PROPOSED MEDIAN (CONCRETE) |  POTENTIAL CONTAMINATION SITE |  PROPERTY LINES |
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|  PLANNED / PROPOSED SIDEWALK |  PROPOSED LANE |  PROPOSED ROW TO BE ACQUIRED |



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FROM 50TH ST. TO I-4 RAMPS
CONCEPT PLANS
 WPI SEG. NO.: 430054-1

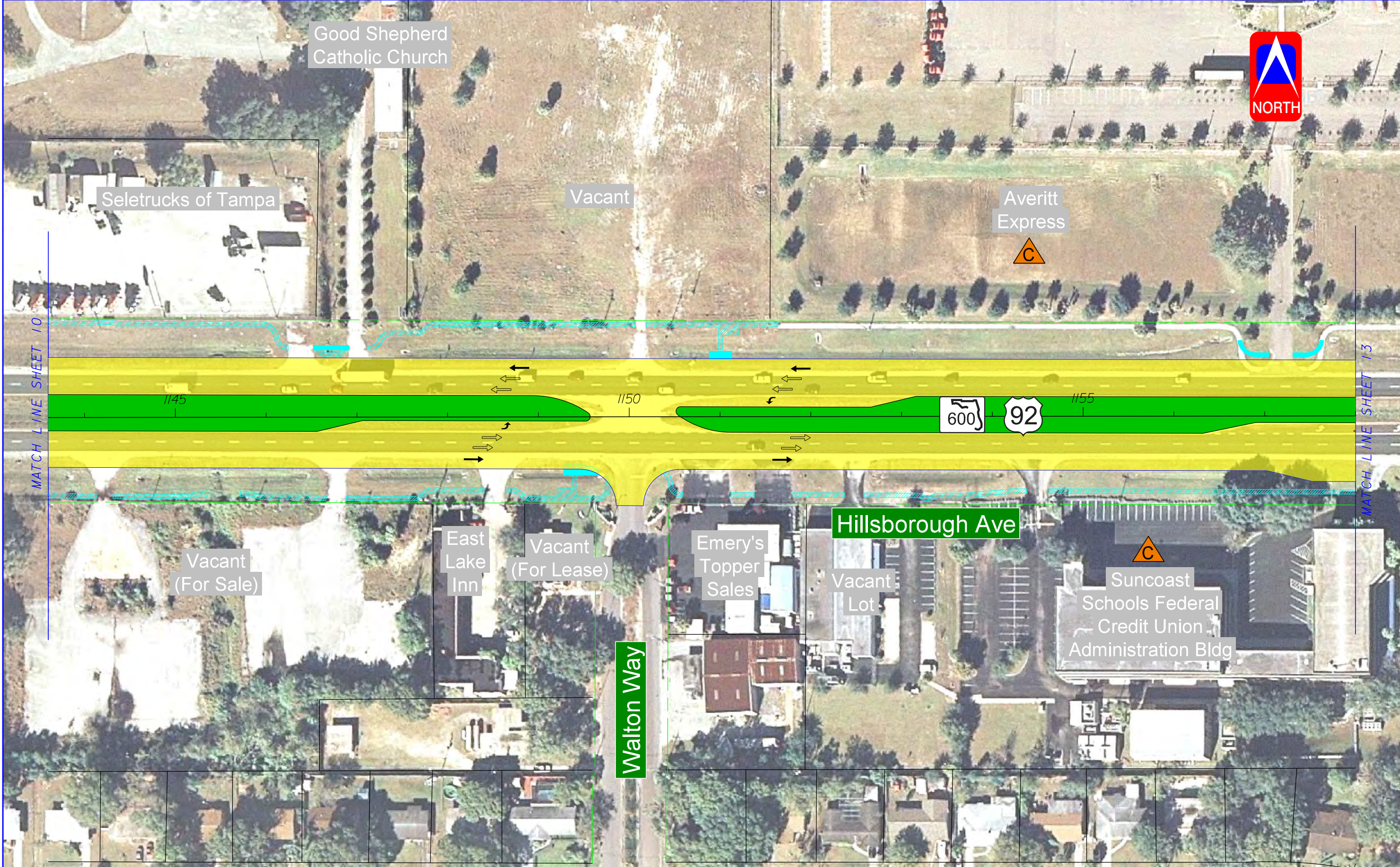
SHEET NO.
 9



LEGEND	PROPOSED ROADWAY	PROPOSED BRIDGE/WALL	PROPOSED EDGE OF PAVEMENT	 DATE OF AERIAL: 2010	 American Consulting Engineers of Florida, LLC 2818 Cypress Ridge Blvd, Suite 200 Wesley Chapel, FL 33544 Phone: (813) 435-2600 Fax: (813) 435-2601 Certificate of Authorization No. 9302 Jeffrey S. Novotny, P.E. No. 51083	HILLSBOROUGH AVE PD&E STUDY FROM 50TH ST. TO I-4 RAMPS CONCEPT PLANS WPI SEG. NO.: 430054-1	SHEET NO. 10
	PROPOSED MEDIAN (CONCRETE)	POTENTIAL CONTAMINATION SITE	PROPERTY LINES				
	PROPOSED MEDIAN (SOD)	EXISTING LANE	EXISTING ROW				
	PLANNED / PROPOSED SIDEWALK	PROPOSED LANE	PROPOSED ROW TO BE ACQUIRED				

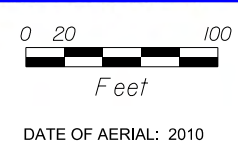


LEGEND	PROPOSED ROADWAY	PROPOSED BRIDGE/WALL	PROPOSED EDGE OF PAVEMENT	 DATE OF AERIAL: 2010	 2818 Cypress Ridge Blvd, Suite 200 Wesley Chapel, FL 33544 Phone: (813) 435-2600 Fax: (813) 435-2601 Certificate of Authorization No. 9302 Jeffrey S. Novotny, P.E. No. 51083	HILLSBOROUGH AVE PD&E STUDY FROM 50TH ST. TO I-4 RAMPS CONCEPT PLANS WPI SEG. NO.: 430054-1	SHEET NO. II
	PROPOSED MEDIAN (CONCRETE)	POTENTIAL CONTAMINATION SITE	PROPERTY LINES				
	PROPOSED MEDIAN (SOD)	EXISTING LANE	EXISTING ROW				
	PLANNED / PROPOSED SIDEWALK	PROPOSED LANE	PROPOSED ROW TO BE ACQUIRED				



LEGEND

- | | | | | | |
|--|-----------------------------|--|------------------------------|--|---------------------------|
| | PROPOSED ROADWAY | | POTENTIAL CONTAMINATION SITE | | PROPOSED EDGE OF PAVEMENT |
| | PROPOSED MEDIAN (CONCRETE) | | EXISTING LANE | | PROPERTY LINES |
| | PROPOSED MEDIAN (SOD) | | PROPOSED LANE | | EXISTING ROW |
| | PLANNED / PROPOSED SIDEWALK | | PROPOSED ROW TO BE ACQUIRED | | |



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HILLSBOROUGH AVE PD&E STUDY
FROM 50TH ST. TO I-4 RAMPS
CONCEPT PLANS

SHEET NO.
 12



Averitt Express

Suncoast Schools Federal Credit Union Branch

Fed Ex

4 Aces Pawn

MATCH LINE SHEET 12

MATCH LINE SHEET 14

1160

1165

1170



Hillsborough Ave

Suncoast Schools Federal Credit Union Administration Bldg

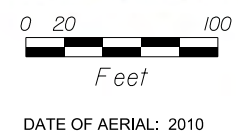
Members Title Agency

Vacant Lot

WMOR TV

LEGEND

- PROPOSED ROADWAY
- PROPOSED MEDIAN (CONCRETE)
- PROPOSED MEDIAN (SOD)
- PLANNED / PROPOSED SIDEWALK
- C PROPOSED BRIDGE/WALL
- C POTENTIAL CONTAMINATION SITE
- EXISTING LANE
- PROPOSED LANE
- PROPOSED EDGE OF PAVEMENT
- PROPERTY LINES
- EXISTING ROW
- PROPOSED ROW TO BE ACQUIRED

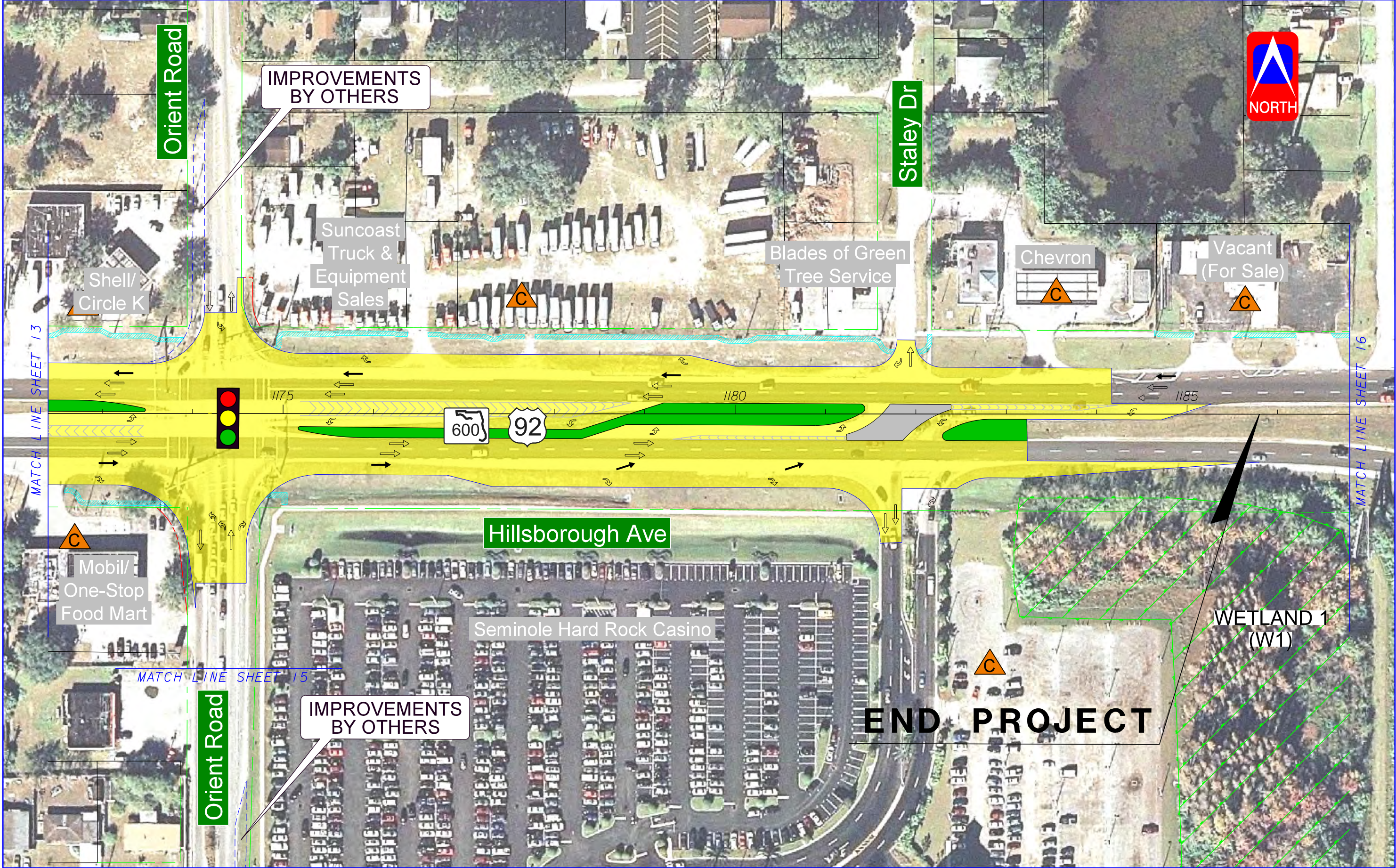


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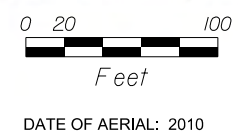
HILLSBOROUGH AVE PD&E STUDY
FROM 50TH ST. TO I-4 RAMPS
CONCEPT PLANS

WPI SEG. NO.: 430054-1

SHEET NO.
13



LEGEND		PROPOSED ROADWAY		PROPOSED BRIDGE/WALL		PROPOSED EDGE OF PAVEMENT
		PROPOSED MEDIAN (CONCRETE)		POTENTIAL CONTAMINATION SITE		PROPERTY LINES
		PROPOSED MEDIAN (SOD)		EXISTING LANE		EXISTING ROW
		PLANNED / PROPOSED SIDEWALK		PROPOSED LANE		PROPOSED ROW TO BE ACQUIRED



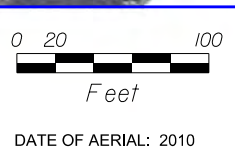
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HILLSBOROUGH AVE PD&E STUDY
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CONCEPT PLANS
 WPI SEG. NO.: 430054-1

SHEET NO.
 14



LEGEND		PROPOSED ROADWAY		POTENTIAL CONTAMINATION SITE		PROPOSED EDGE OF PAVEMENT
		PROPOSED MEDIAN (CONCRETE)		EXISTING LANE		PROPERTY LINES
		PROPOSED MEDIAN (SOD)		PROPOSED LANE		EXISTING ROW
		PLANNED / PROPOSED SIDEWALK		PROPOSED ROW TO BE ACQUIRED		PROPOSED ROW TO BE ACQUIRED



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SHEET NO.
 15



Lenox Dr.

Wexford Apartments

MATCH LINE SHEET 15



1190

1195

1200

WETLAND 2 (W2)

WETLAND 1 (W1)



LEGEND

- PROPOSED ROADWAY
- PROPOSED MEDIAN (CONCRETE)
- PROPOSED MEDIAN (SOD)
- PLANNED / PROPOSED SIDEWALK
- PROPOSED BRIDGE/WALL
- POTENTIAL CONTAMINATION SITE
- EXISTING LANE
- PROPOSED LANE
- PROPOSED EDGE OF PAVEMENT
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DATE OF AERIAL: 2010

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HILLSBOROUGH AVE PD&E STUDY
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SHEET NO.
 16

HILLSBOROUGH AVENUE PROFILE OVER CSX RAILROAD

