





Legend

- SHPOEVAL
- ELIGIBLE FOR NRHP
- POTENTIALLY ELIGIBLE FOR NRHP
- INELIGIBLE FOR NRHP
- NOT EVALUATED BY SHPO
- 600ft Buffer



Florida Department of Transportation
District 5

US 1 Corridor Planning Study
from Pineda Causeway (SR 404)
to Park Avenue
Brevard County, Florida
Financial Project ID: 433604-1-12-01
Federal Project No. n/a



0 250 500 Feet

FIGURE 17
HISTORIC STRUCTURES

Sheet
5 of 6



Legend

- SHPOEVAL
- ELIGIBLE FOR NRHP
- POTENTIALLY ELIGIBLE FOR NRHP
- INELIGIBLE FOR NRHP
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- 600ft Buffer



FDOT
 Florida Department
 of Transportation
 District 5

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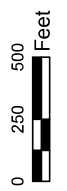


FIGURE 17
HISTORIC STRUCTURES

7.2.2 Archaeological Resources

Archaeological sites along the corridor were identified using the Environmental Screening Tool (EST). These sites are not shown in the resource maps but are listed below:

- Suntime Rotary Park (BR01648)
- Lancaster-Collins Site (BR01647)
- 3 Point Pieces (BR01819)

This information will be further evaluated in future phases of project development, as applicable.

7.3. Social Resources

A review of the University of Florida Geographic Data Library (FGDL) Geoplan Center Geographic Information System (GIS) data of existing police stations, religious facilities, day cares, schools, fire stations, cemeteries, golf courses, government buildings, cultural centers, and hospitals along the project limits was performed.

Community facilities located along the project limits are identified in **Table 14** and shown on **Figure 18**. Public Land, Parks and Recreation Areas are displayed on **Figure 19**.

Table 14
Community Facilities

Site Name	Location	Type of Facility
VFW POST 4534-ROCKET	3250 US HWY 1	COMMUNITY CENTER
ELKS LODGE 2817	5820 US HWY 1	COMMUNITY CENTER
FLORIDA MEMORIAL GARDENS CEMETERY	5950 S US HWY 1	CEMETERY
UNITARIAN UNIVERSALIST CENTER	3115 FRIENDSHIP PLACE	RELIGIOUS FACILITY
BREVARD BAPTIST ASSOCIATION	4235 S US HWY 1	RELIGIOUS FACILITY
MINDWORKS SCHOOL OF EARLY LEARNING	5830 S US HWY 1	DAYCARE FACILITY
CARE FOR KIDS	2445 JEN DRIVE	DAYCARE FACILITY
HELEN AND ALLAN CRUICKSHANK SANTUARY	360 BARNES BLVD	PUBLIC LANDS



FIGURE 18
COMMUNITY FACILITIES

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Brevard County, Florida
Financial Project ID: 433604-1-12-01
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District 5



0 250 500 Feet

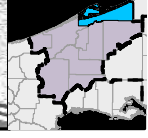




FIGURE 18
COMMUNITY FACILITIES

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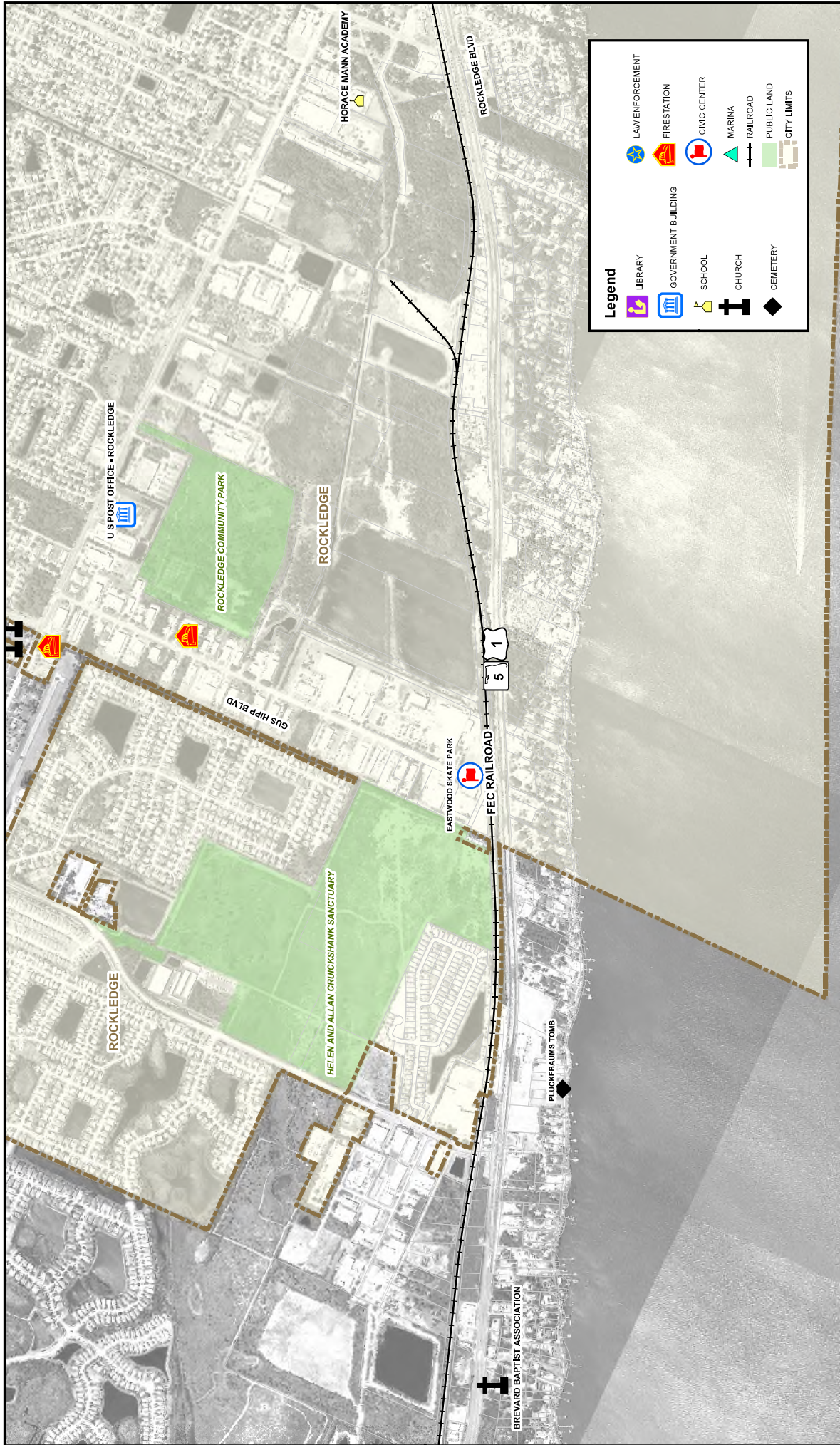
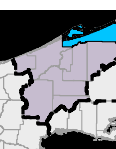


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COMMUNITY FACILITIES

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Legend

- STATE PUBLIC LAND
- PARK BOUNDARY
- GOLF COURSE
- PADDLING TRAIL




US 1 Corridor Planning Study
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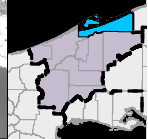
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1 of 6



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District 5

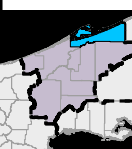
FIGURE 19
PUBLIC LAND, PARK
AND RECREATION AREAS





Legend

- STATE PUBLIC LAND
- PARK BOUNDARY
- GOLF COURSE
- PADDLING TRAIL



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FIGURE 19
PUBLIC LAND, PARK
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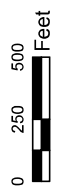
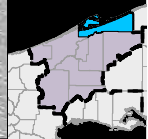





FIGURE 5
PUBLIC LAND, PARK
AND RECREATION AREAS



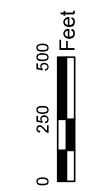


Legend

-  STATE PUBLIC LAND
-  PARK BOUNDARY
-  GOLF COURSE
-  PADDLING TRAIL

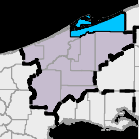
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**FIGURE 19
PUBLIC LAND, PARK
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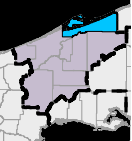
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Legend

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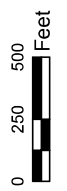


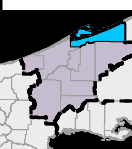
FIGURE 19
PUBLIC LAND, PARK
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END STUDY



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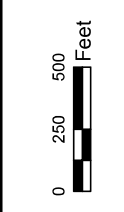


FIGURE 19
PUBLIC LAND, PARK
AND RECREATION AREAS

7.3.1 Socioeconomic Data

The US Environmental Protection Agency (USEPA)'s Environmental Justice Screening and Mapping Tool (EJScreen) (version 2018), provides data from the 2012-2016 American Community Survey (ACS). The EJScreen identified the following demographics within a 300-foot buffer of the project limits, as seen in **Table 15**.

Table 15
Project Limit Demographics

Demographic Indicators	Percentage
Minority Population	11%
Low Income Population	18%
Linguistically Isolated Population	2%
Population with Less Than High School Education	7%
Population over 64 Years of Age	32%

7.4. Physical Resources

The following physical resources have been identified:

1. Soil types and classifications and provided in **Figure 20**.
2. Contamination sites are provided in **Figure 21**.
3. The corridor contains several noise sensitive land uses, including:

Activity Category B – which includes the exterior impact criteria for single-family (including mobile home parks) and multifamily residences. This may include units above ground level. The approach NAC level for this activity category is 66 dB(A).

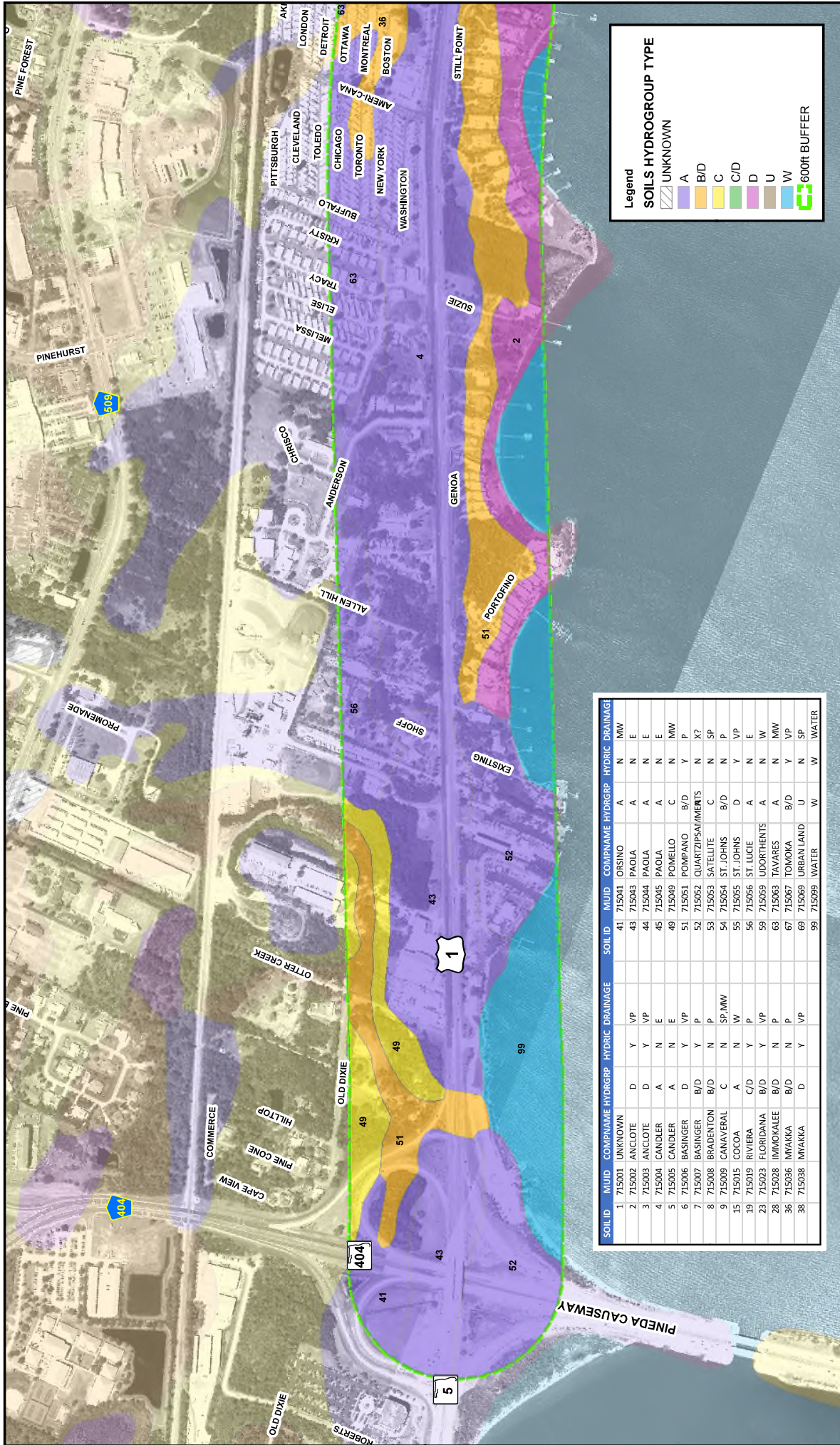
Activity Category C – which includes the exterior impact criteria for a variety of land use facilities. The approach NAC level for this activity category is 66 dB(A). Examples of this activity category include active sports areas, amphitheatres, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, golf courses, Section 4(f) resources, schools, television studios, trails, and trail crossings. Note that these criteria apply only to the exterior areas of Activity Category C.

Activity Category D – which includes the interior impact criteria for a variety of land use facilities listed in Activity Category C that may have interior uses. The approach NAC level for this activity category is 51 dB(A). Examples of this activity category include 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.

Activity Category E – which includes the exterior impact criteria for developed lands that are less sensitive to highway traffic noise. The approach NAC level for this activity category is 71 dB(A) in exterior areas of

frequent human use. Examples of this activity category include hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in Activity Category A-D or F.

Activity Category F – which includes developed lands that are not sensitive to highway traffic noise such as 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.



Legend

SOILS HYDROGROUP TYPE

UNKNOW

A

B/D

C

C/D

D

U

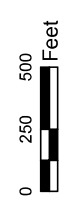
W

600ft BUFFER

SOIL ID	MUID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE	SOIL ID	MUID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE
1	715001	UNKNOW			41	715041	ORSINO	A	N MW
2	715002	ANCLOTE	D	Y VP	43	715093	PAOLA	A	N E
3	715003	ANCLOTE	D	Y VP	44	715044	PAOLA	A	N E
4	715004	CANDLER	A	N E	45	715095	PAOLA	A	N E
5	715005	CANDLER	A	N E	49	715049	POWELLO	C	N MW
6	715006	BASINGER	D	Y VP	51	715051	POMPANO	B/D	Y P
7	715007	BASINGER	B/D	N P	52	715052	QUARTZPSAMMENTS	C	N X?
8	715008	BRADENTON	B/D	N P	53	715053	SATELLITE	C	N SP
9	715009	CANAVERAL	C	N SP/MW	54	715054	ST. JOHNS	B/D	N P
15	715015	COCOA	A	N W	55	715055	ST. JOHNS	D	Y VP
19	715019	RIVIERA	C/D	Y P	56	715056	ST. LUCIE	A	N E
23	715023	FLORIDANA	B/D	N P	59	715059	UDORPMENTS	A	N W
28	715028	IMMOKALEE	B/D	N P	63	715063	TAVARES	A	N MW
36	715036	MYAKKA	B/D	N P	67	715067	TOWOKA	B/D	Y VP
38	715038	MYAKKA	D	Y VP	69	715069	URBAN LAND	U	N SP
					99	715099	WATER	W	W WATER

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1 of 6

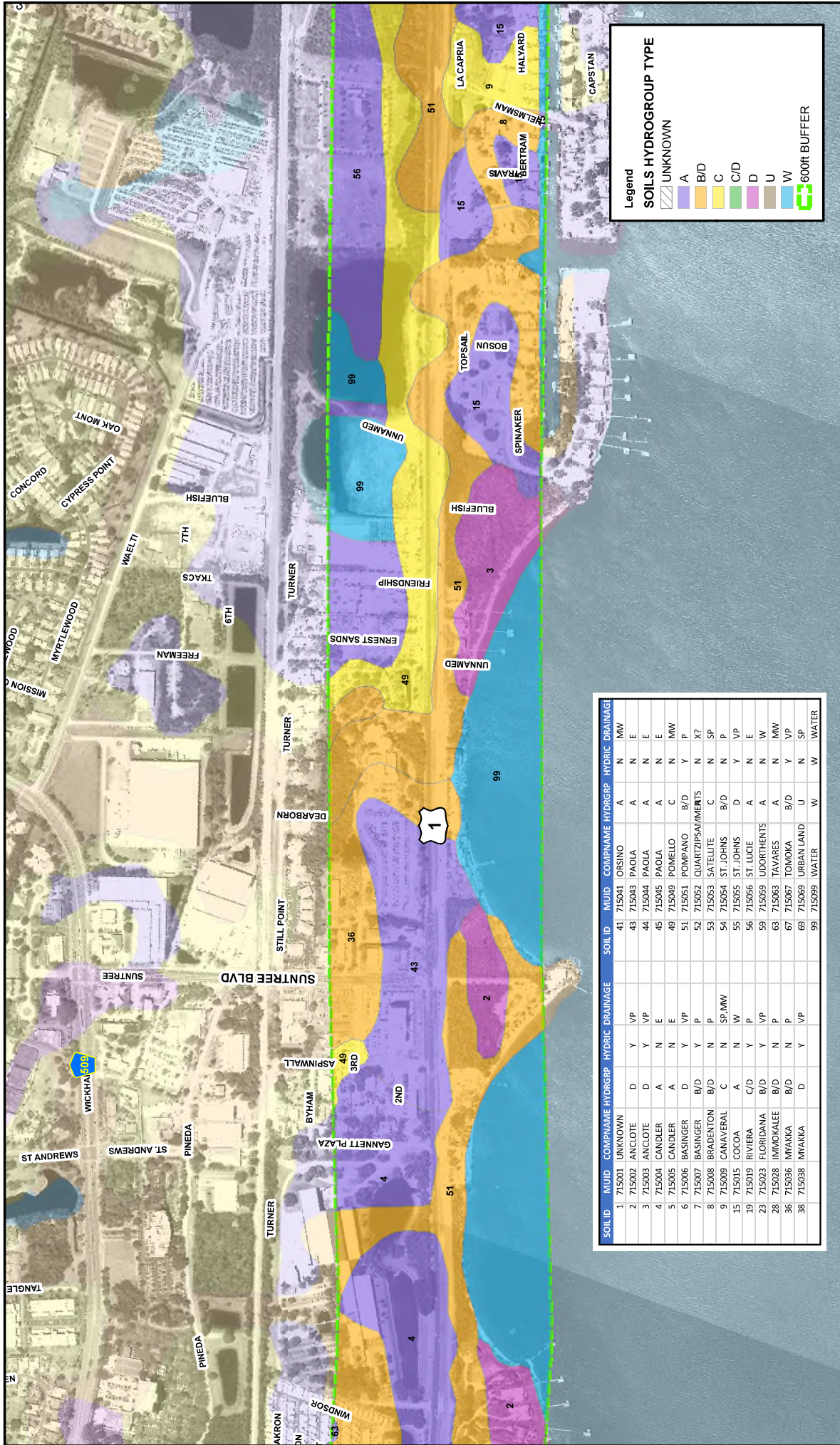
FIGURE 20
SOILS TYPE (SSURGO) MAP



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Legend

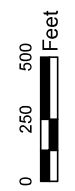
SOILS HYDROGROUP TYPE

[Hatched Box]	UNKNOWN
[Purple Box]	A
[Orange Box]	B/D
[Yellow Box]	C
[Green Box]	C/D
[Pink Box]	D
[Light Blue Box]	U
[Dark Blue Box]	W
[Green Outline Box]	600ft BUFFER

SOIL ID	MUID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE	SOIL ID	MUID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE
1	715001	UNKNOWN			41	715041	ORSINO	A	N MW
2	715002	ANCLOTE	D	Y VP	43	715093	PAOLA	A	N E
3	715003	ANCLOTE	D	Y VP	44	715044	PAOLA	A	N E
4	715004	CANDLER	A	N E	45	715095	PAOLA	A	N E
5	715005	CANDLER	A	N E	49	715049	POWELLO	C	N MW
6	715006	BASINGER	D	Y VP	51	715051	POMPANO	B/D	Y P
7	715007	BASINGER	D	Y P	52	715052	QUARTZIPSAMMENTS	N X?	
8	715008	BRADENTON	B/D	N P	53	715053	SATELLITE	C	N SP
9	715009	CANAVERAL	C	N SP/MW	54	715054	ST. JOHNS	B/D	N P
15	715015	COCOA	A	N W	55	715055	ST. JOHNS	D	Y VP
19	715019	RIVIERA	C/D	Y P	56	715056	ST. LUCIE	A	N E
23	715023	FLORIDANIA	B/D	Y VP	59	715059	UDORPHENTS	A	N W
28	715028	IMMOKALEE	B/D	N P	63	715063	TAVARES	A	N MW
36	715036	MYAKKA	B/D	N P	67	715067	TOMOKA	B/D	Y VP
38	715038	MYAKKA	D	Y VP	69	715069	URBAN LAND	U	N SP
					99	715099	WATER	W	W WATER

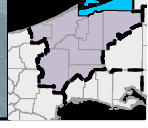
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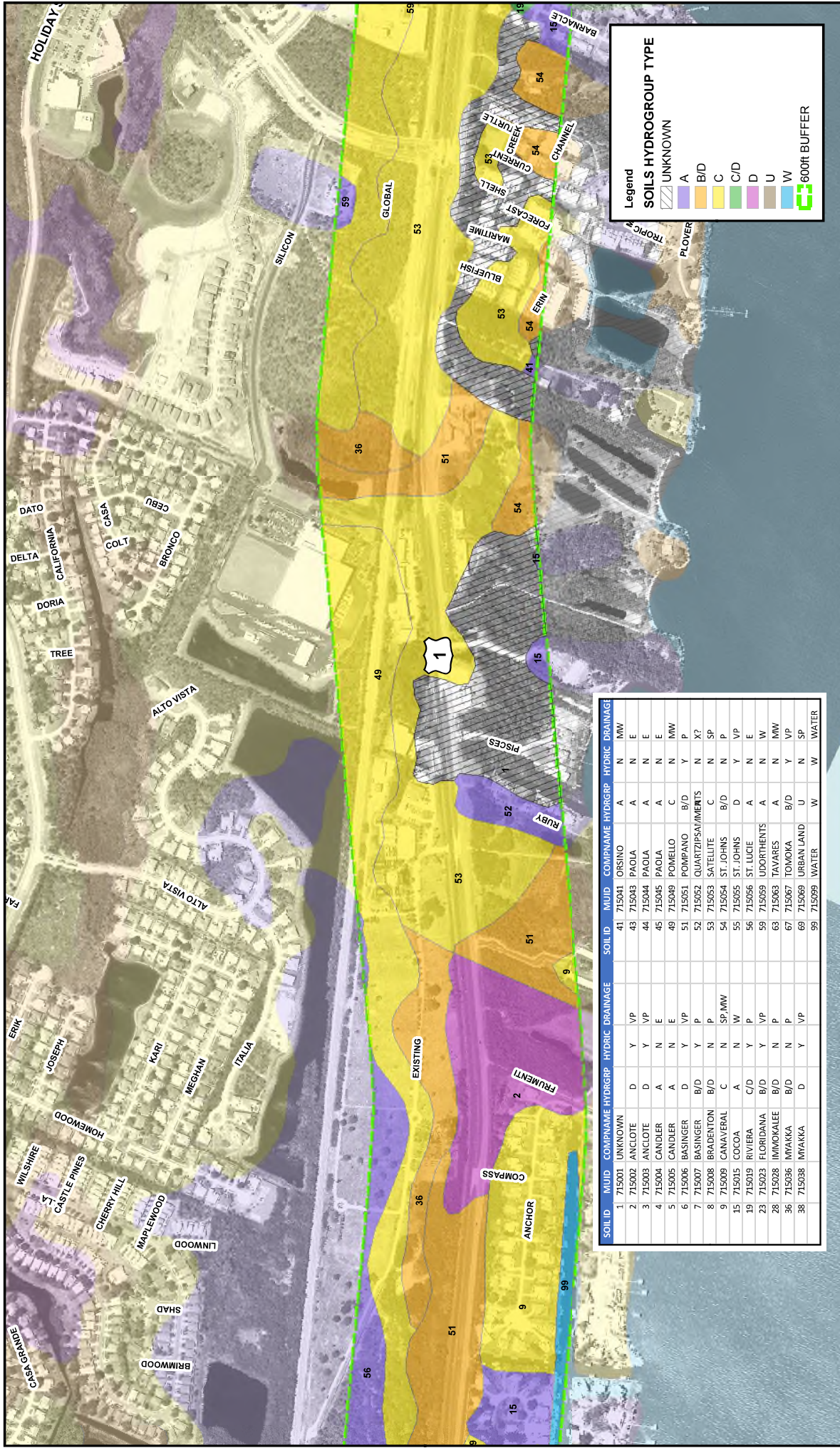
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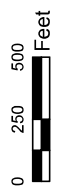
SOILS HYDROGROUP TYPE

- UNKNOW
- A
- B/D
- C
- C/D
- D
- U
- W
- 600ft BUFFER

SOIL ID	MUID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE	SOIL ID	MUID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE
1	715001	UNKNOW			41	715041	ORSINO	A	N MW
2	715002	ANCLOTE	D	Y VP	43	715043	PAOLA	A	N E
3	715003	ANCLOTE	D	Y VP	44	715044	PAOLA	A	N E
4	715004	CANDLER	A	N E	45	715045	PAOLA	A	N E
5	715005	CANDLER	A	N E	49	715049	POWELLO	C	N MW
6	715006	BASINGER	D	Y VP	51	715051	POMPANO	B/D	Y P
7	715007	BASINGER	B/D	N P	52	715052	QUARTZIPSAMMENTS	C	N X2
8	715008	BRADENTON	B/D	N P	53	715053	SATELLITE	C	N SP
9	715009	CANAVERAL	C	N SP/MW	54	715054	ST. JOHNS	B/D	N P
15	715015	COCOA	A	N W	55	715055	ST. JOHNS	D	Y VP
19	715019	RIVIERA	C/D	Y P	56	715056	ST. LUCIE	A	N E
23	715023	FLORIDANA	B/D	N P	59	715059	UDORPHENTS	A	N W
28	715028	IMMOKALEE	B/D	N P	63	715063	TAVARES	A	N MW
36	715036	MYAKKA	B/D	N P	67	715067	TOMOKA	B/D	Y VP
38	715038	MYAKKA	D	Y VP	69	715069	URBAN LAND	U	N SP
					99	715099	WATER	W	W WATER

Sheet
3 of 6

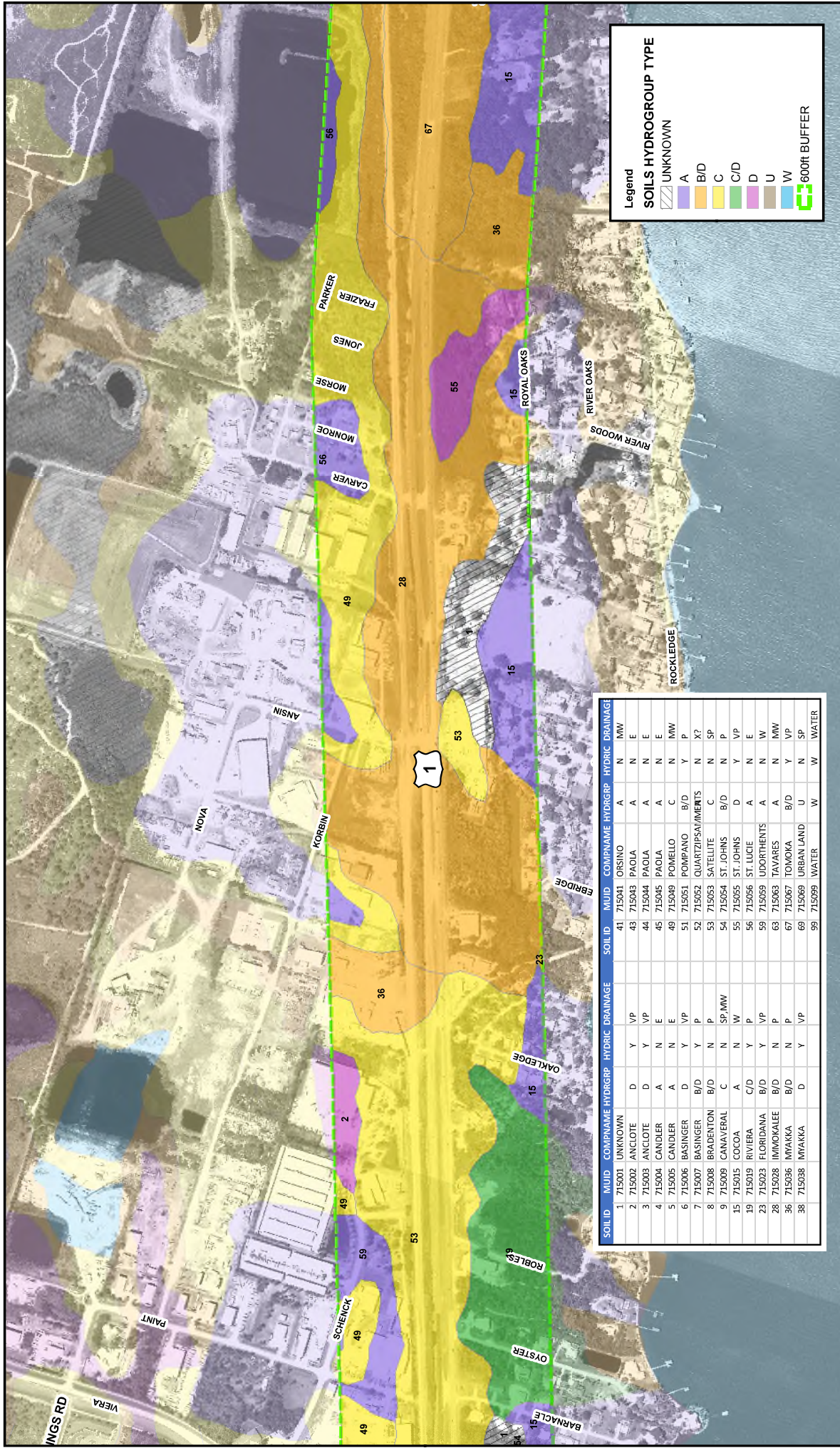
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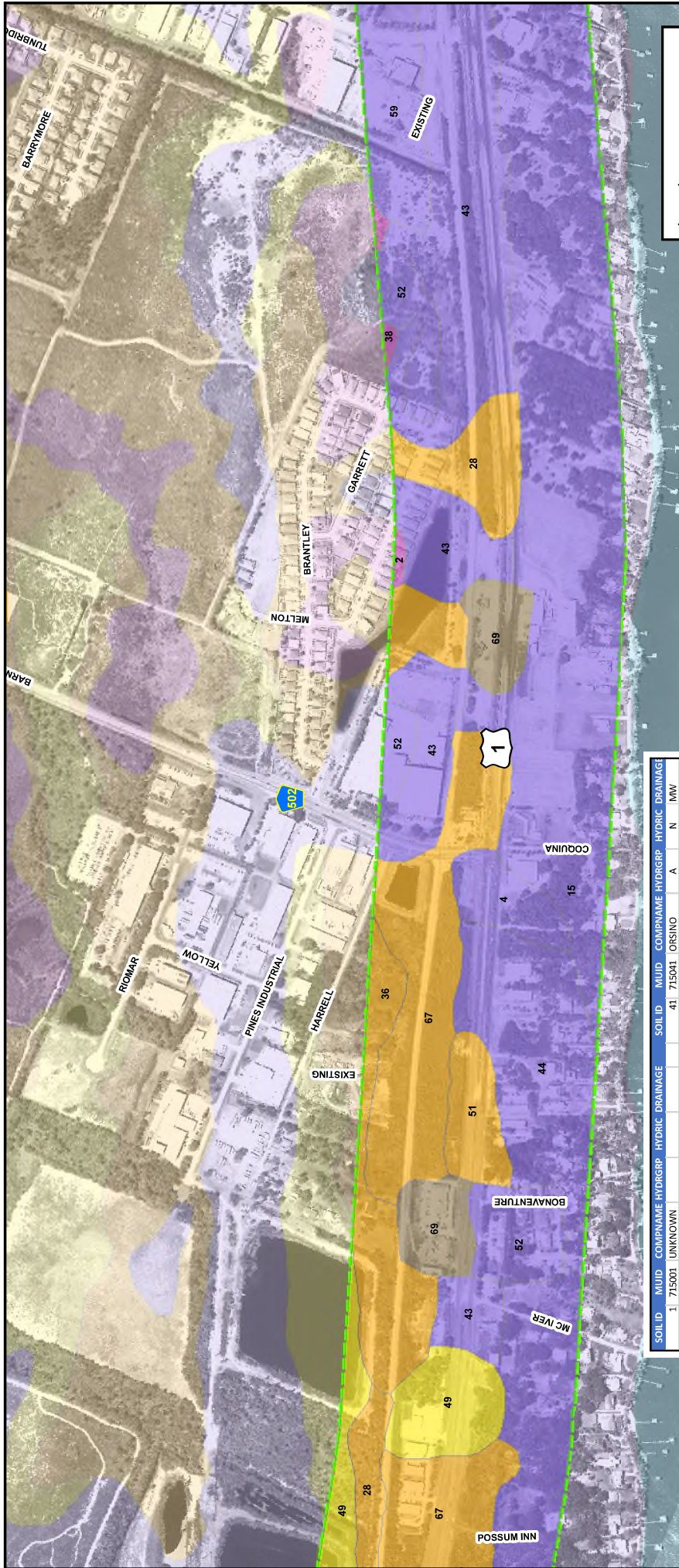


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- C/D
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- U
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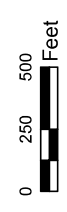
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7	715007	BASINGER	B/D	N P	52	715052	QUARTZIPSAMMENTS	C	N X?
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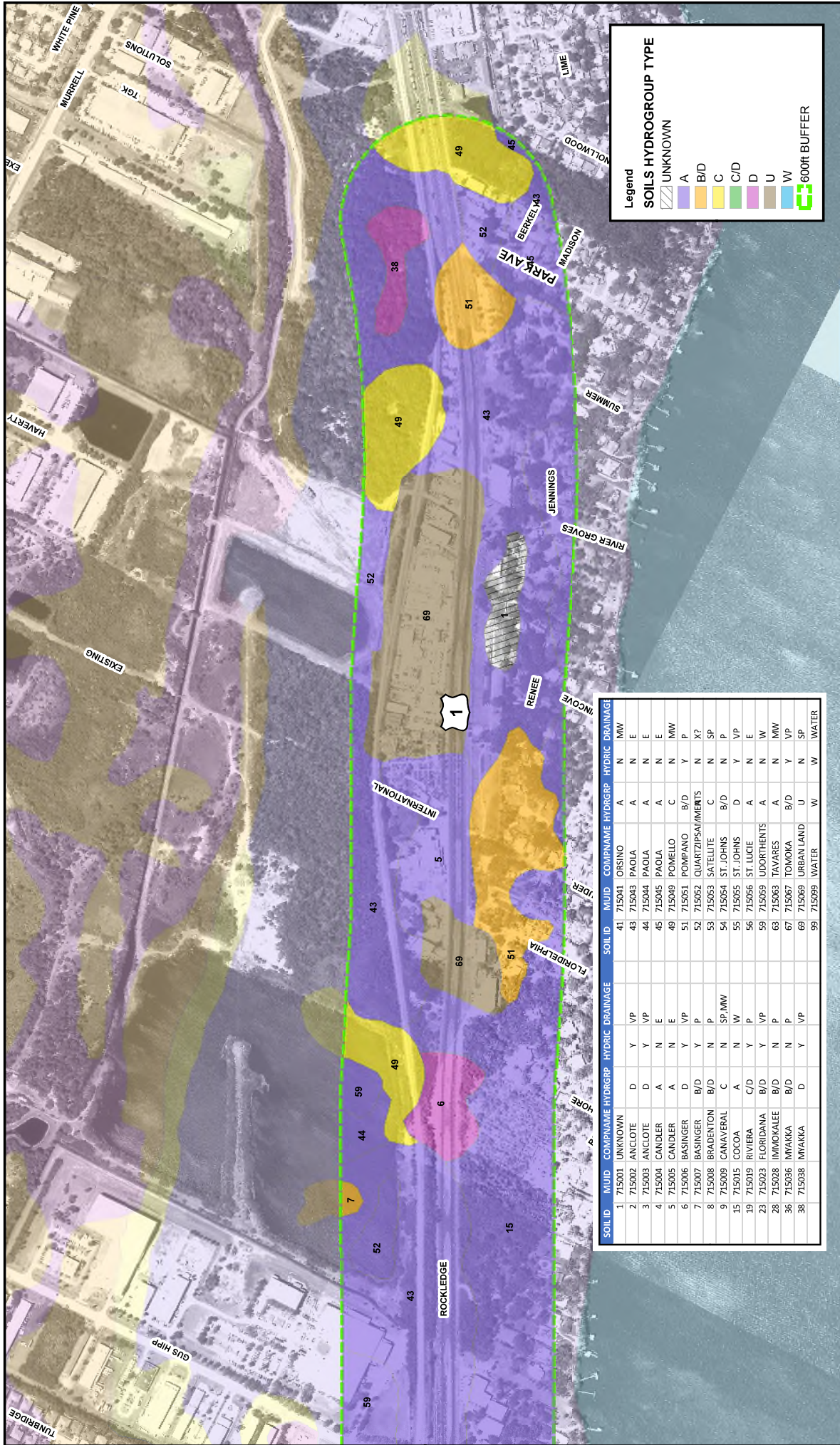
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SOIL ID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE	SOIL ID	COMPNAME	HYDRGRP	HYDRIC DRAINAGE
1	715001 UNKNOW			41	715041 ORSINO	A	N MW
2	715002 ANCLOTE	D	Y VP	43	715043 PAOLA	A	N E
3	715003 ANCLOTE	A	Y VP	44	715044 PAOLA	A	N E
4	715004 CANDLER	A	N E	45	715045 PAOLA	A	N E
5	715005 CANDLER	A	N E	49	715049 POWELLO	C	N MW
6	715006 BASINGER	D	Y VP	51	715051 POMIANO	B/D	Y P
7	715007 BASINGER	B/D	N P	52	715052 QUARTZIPSAMMENTS	C	N X?
8	715008 BRADENTON	B/D	N P	53	715053 SATELLITE	C	N SP
9	715009 CANAVERAL	C	N SP/MW	54	715054 ST. JOHNS	B/D	N P
15	715015 COCOA	A	N W	55	715055 ST. JOHNS	D	Y VP
19	715019 RIVIERA	C/D	Y P	56	715056 ST. LUCIE	A	N E
23	715023 FLORIDANA	B/D	Y VP	59	715059 UDORPMENTS	A	N W
28	715028 IMMOKALEE	B/D	N P	63	715063 TAVARES	A	N MW
36	715036 MYAKKA	B/D	N P	67	715067 TOMOKA	B/D	Y VP
38	715038 MYAKKA	D	Y VP	69	715069 URBAN LAND	U	N SP
				99	715099 WATER	W	W WATER



Legend

- PETROLEUM CONTAMINATION
- SOLID WASTE FACILITY
- STATE CLEANUP SITE
- 800ft Buffer

Sheet
1 of 3

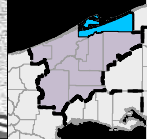
FIGURE 21
CONTAMINATION SITES

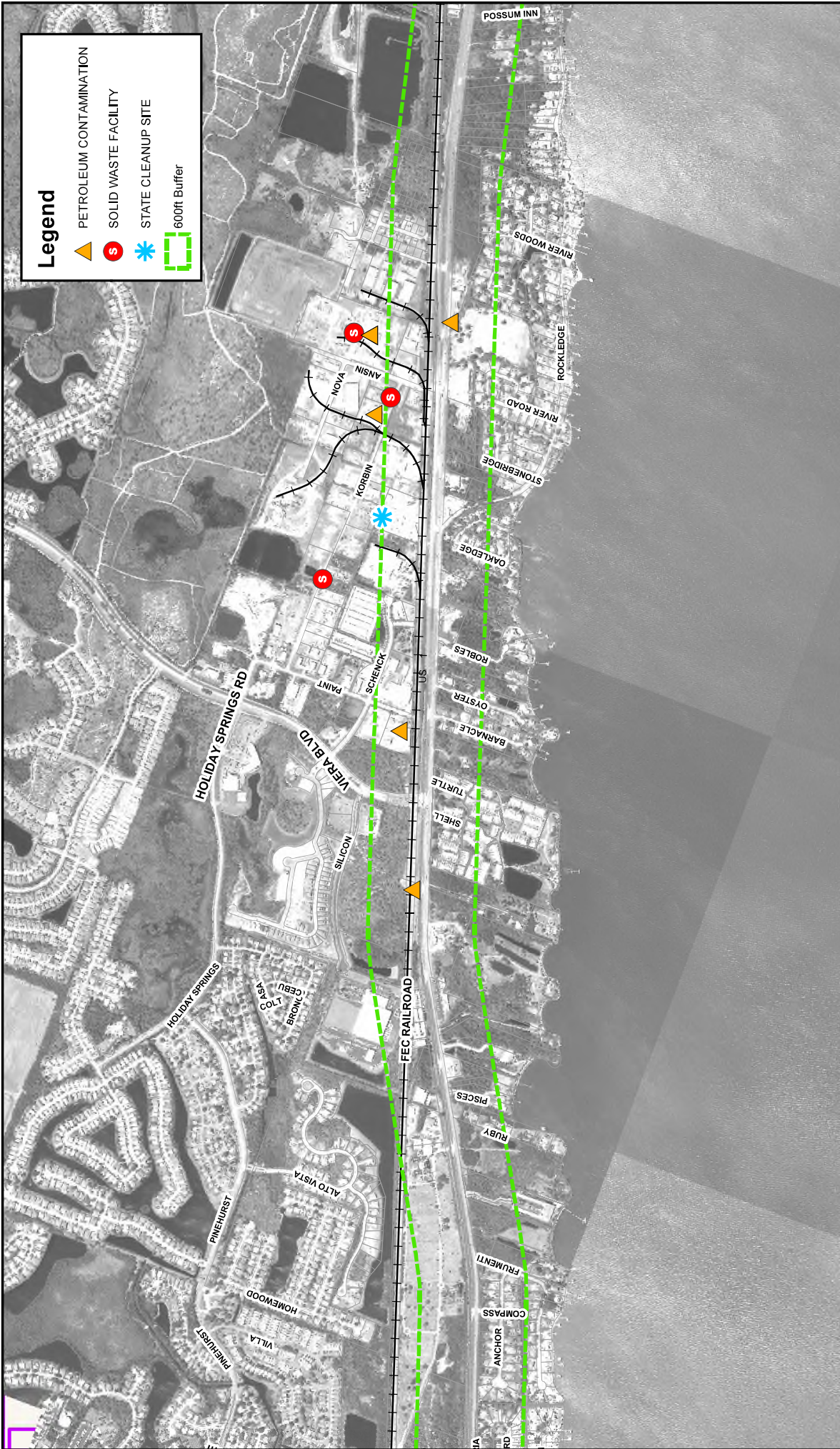
0 250 500
Feet







US 1 Corridor Planning Study
from Pineda Causeway (SR 404)
to Park Avenue
Brevard County, Florida
Financial Project ID: 433604-1-12-01
Federal Project No. n/a

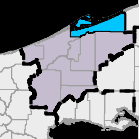
Florida Department
of Transportation
District 5






Legend

-  PETROLEUM CONTAMINATION
-  SOLID WASTE FACILITY
-  STATE CLEANUP SITE
-  600ft Buffer



FDOT
 Florida Department
 of Transportation
 District 5

US 1 Corridor Planning Study
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 to Park Avenue
 Brevard County, Florida
 Financial Project ID: 433604-1-12-01
 Federal Project No. n/a



0 250 500 Feet




FIGURE 21
CONTAMINATION SITES



Legend

- PETROLEUM CONTAMINATION
- SOLID WASTE FACILITY
- STATE CLEANUP SITE
- 600ft Buffer

Sheet
3 of 3

FIGURE 21
CONTAMINATION SITES

0 250 500 Feet



US 1 Corridor Planning Study
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