

Environmental Stewardship Technical Report

Appendix A | Preliminary Environmental Discussion | S.R. 423 (John Young Parkway) from S.R. 408 to Shader Road

December 15, 2025

FINAL





Legal Information

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1 Project Overview

County: Orange County

Description: S.R. 423 (John Young Parkway)

From: S.R. 408

To: Shader Road

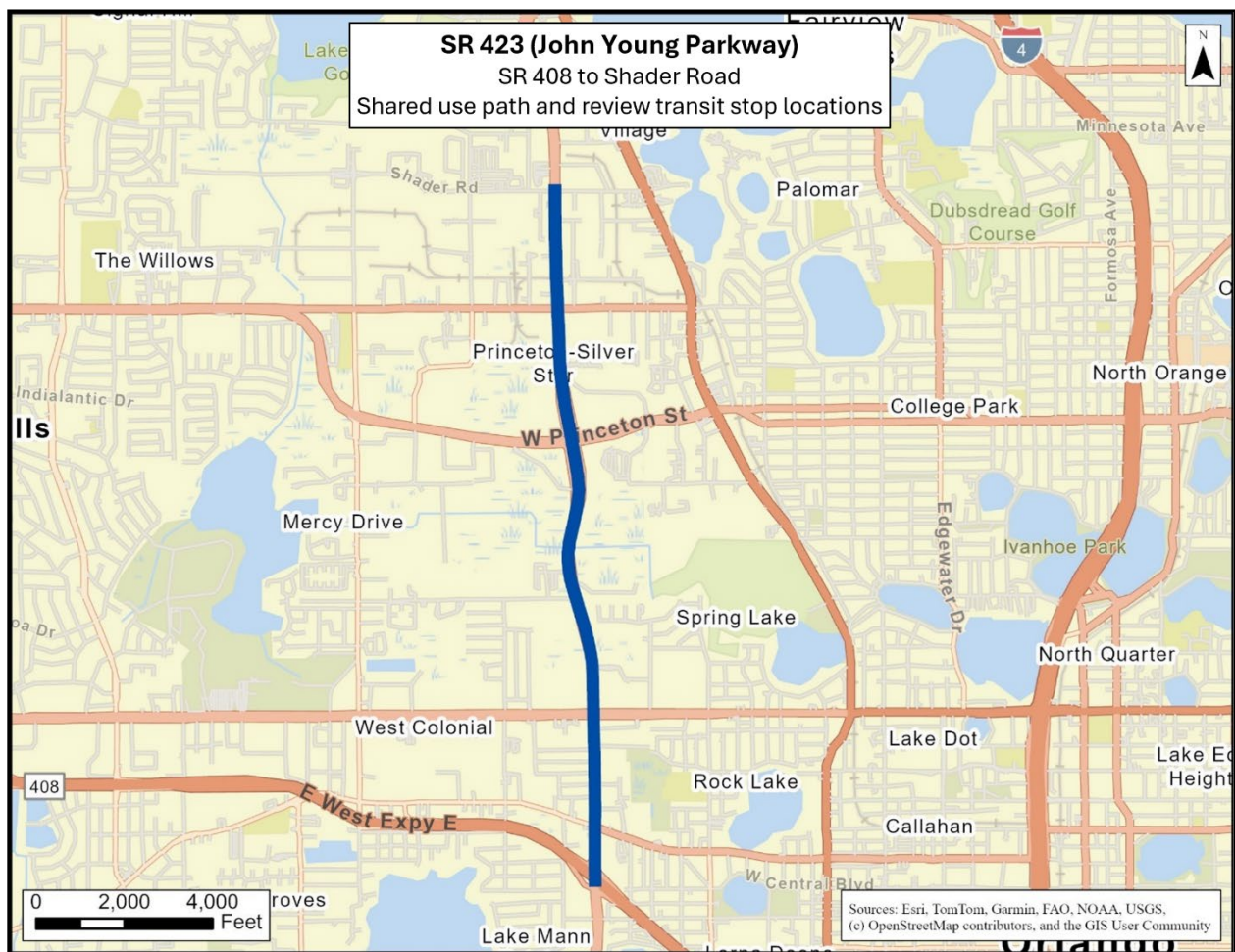
Planning Organization: MetroPlan Orlando

Phase: Planning Screen

Federal Involvement: Orange County,
City of Orlando

Project ID: 20294

Figure 1 | Project Location Map



Source: ETDM 2025

1.1 PURPOSE AND NEED

1.1.1 PURPOSE

The purpose of this project is to address existing pedestrian infrastructure deficiencies on State Road (S.R.) 423 (John Young Parkway) from S.R. 408 to Shader Road.

1.1.2 NEED

This project is needed to improve conditions and safety for pedestrians and transit users on John Young Parkway.

1.1.3 PROJECT STATUS

The construction of a shared use path and transit-associated pedestrian infrastructure on John Young Parkway is identified in the 2050 Metropolitan Transportation Plan (MTP) Needs and Cost Feasible Plans (CFP) - Tentative for MetroPlan Orlando. It is included in Planning Period III (2041-2050) with an estimated total cost of \$6.11 million (cost includes Project Development and Environment (PD&E), design, right-of-way acquisition, construction, and Construction Engineering and Inspection (CEI) costs).

1.2 PROJECT DESCRIPTION

This project will evaluate providing a shared use path on one side of John Young Parkway between S.R. 408 and Shader Road, and it will also review transit stop locations in conjunction with locations of marked and controlled crossings. Some transit stops along the project corridor do not have pedestrian connections from the sidewalk to the curb at the stop location.

The project is located in Orlando, Florida in Orange County. John Young Parkway within the project area is a six-lane divided facility and is functionally classified as an urban principal arterial.

2 Preliminary Environmental Discussion

Documenting existing conditions across the MetroPlan Orlando region provided the foundation for the 2050 MTP's Environmental Stewardship Element, integrating technical data and public input to shape a transportation vision centered on safety, health, environmental stewardship, and economic vitality.

2.1 SOCIAL AND ECONOMIC

The Efficient Transportation Decision Making (ETDM) Environmental Screening Tool (EST) Sociocultural Data Report (SDR) was used to review demographic data (the SDR can be found in Sub-Section A.1 of this report). The SDR uses the Census 2023 American Community Survey (ACS) data and reflects the approximation of the population based on the area of the 170-foot project buffer area, the SDR identified the following demographics:

Population and Income

The SDR identified 26 households with a population of 57 people. The median household income is \$33,156. Approximately 30.8% of households are below poverty level, but no households receive public assistance.

From the SDR, the population is shown to have generally declined from 1990 to the present day with the population varying from 79 in 1990, 125 in 2000, 96 in 2010, 66 in 2020, and finally 57 in 2023.

Race and Ethnicity

The SDR identified that 28.0% (16 people) of the population identify as White Alone, 59.7% (34 people) of the population identify as Black or African American Alone, 1.8% (1 person) identify as Some Other Race Alone, 7.0% (4 people) Claimed 2 or More Races, and the race of the remaining



3.5% (2 people) is unaccounted for. The proportion of the population identifying as Black or African American Alone is significantly higher for this corridor than for Orange County (~20% overall).

15.8% of the population identify as Hispanic or Latino of Any Race, which is significantly lower than in overall ethnicity trends in Orange County (~33.23), and 77.2% of the population identify as Minority, which is higher than the overall ethnicity trends for Orange County (~63%).

Age and Disability

The median age of the population is 47 years. 56.1% of the population falls between the ages of 18 and 64 years, 17.5% are younger than 18 years, and 21.1% are 65 years or older. For comparison, the median age in Orange County is 36.4 years, with ~65.7% falling between the ages of 18 and 64 years. Along the corridor, 18.2% of the population (6 people) have a disability, which is higher than the disabled population in Orange County overall (9.2%).

Housing

There are 29 total housing units along the corridor (1.48 units per acre). Nine units are owner-occupied, 17 are renter-occupied, and three are vacant. The median housing value is \$189,600, which is significantly lower than the median housing value for Orange County (\$358,300). Three households within the area of interest have no vehicle available.

Language

The amount of data available for spoken languages is somewhat less than for other demographics, with data only available for 13 of the 57 residents along the corridor. Of the 13, four speak English well, one speaks English not well, one speaks either minimal or no English, and seven speak English “Less than Very Well”.

2.2 LAND USES

The Existing Land Use (ELU) surrounding the John Young Parkway corridor was taken from the geographic information system (GIS) Analysis Report. Within the area of interest, the primary land uses are Roads and Highways (89.02%) and Commercial and Services (6.64%). The remaining land use (4.34%) includes Hardwood – Coniferous Mixed, Wetland Forested Mixed, Retail Sales and Services, Institutional, Other Light Industrial, Food Processing, Cypress, Fixed Single Family Units, and Electrical Power Transmission Lines.

The Future Land Uses (FLUs) shown in the GIS Analysis Report (included in Sub-Section A.2) are similar to the ELUs, with the vast majority (90.5%) of the land designated as Transportation/Utilities, followed by Conservation, Industrial, Mixed Use – Neighborhood/Activity Center, Office/Professional, and Medium Density Residential.

There are no Planned Unit Developments located near the corridor.

2.3 MOBILITY

Per the 2023 ACS, 11.5% of households within the area of interest have no vehicle available.

2.4 AESTHETIC EFFECTS

The GIS Analysis Report identifies one 2010 Census Designated Place and Urbanized Area (Orlando) within the area of interest. The GIS Analysis Report shows three outdoor advertising signs along the corridor.



2.5 RELOCATION POTENTIAL

The residential area surrounding this segment of John Young Parkway is a fixed single-family unit (two-five dwelling units per acre), covering 0.15 acres. Relocation potential is minimal since the property is set back from the road.

2.6 FARMLANDS

Based on the Florida Geographic Data Library (FGDL) data set, *Prime Farmland in Florida with Associated Level 3 Water Management District Land Use*, there are no Prime Farmlands in or near the project area.

2.7 CULTURAL AND TRIBAL

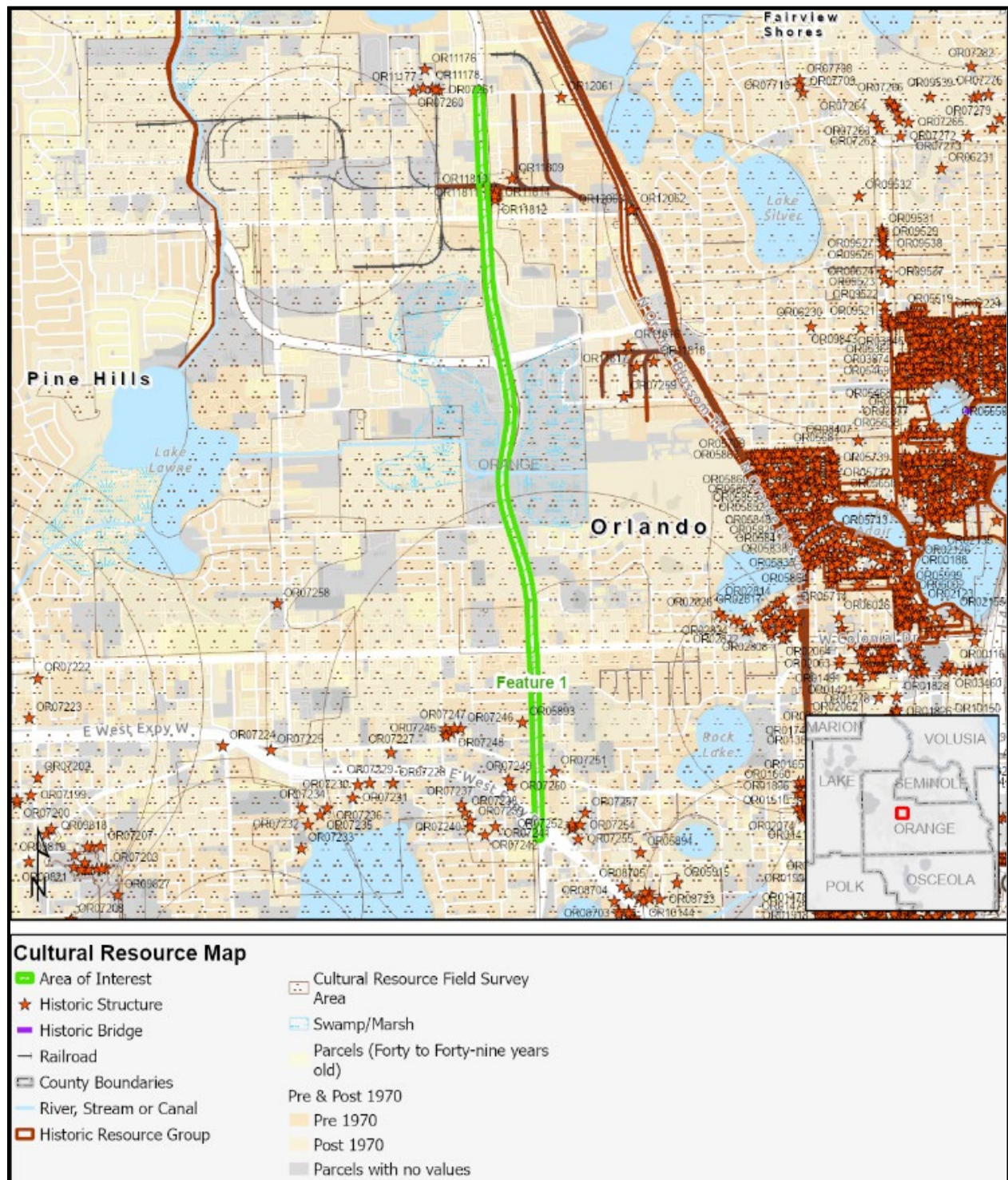
2.7.1 SECTION 4(F) POTENTIAL

There may be potential for Section 4(f) regulations applying to the corridor as there is at least one historic site that may need to be investigated to determine if it meets the criteria for Section 4(f).

2.7.2 HISTORIC AND ARCHAEOLOGICAL SITES

There is one linear resource (Seaboard Coastline Railroad Spur) identified within the buffer area. There is insufficient information for the State Historic Preservation Office (SHPO) evaluation for the National Register of Historic Places (NRHP). There is one historic structure within the buffer area that is ineligible for NRHP.

Figure 2 | Cultural Resource Map

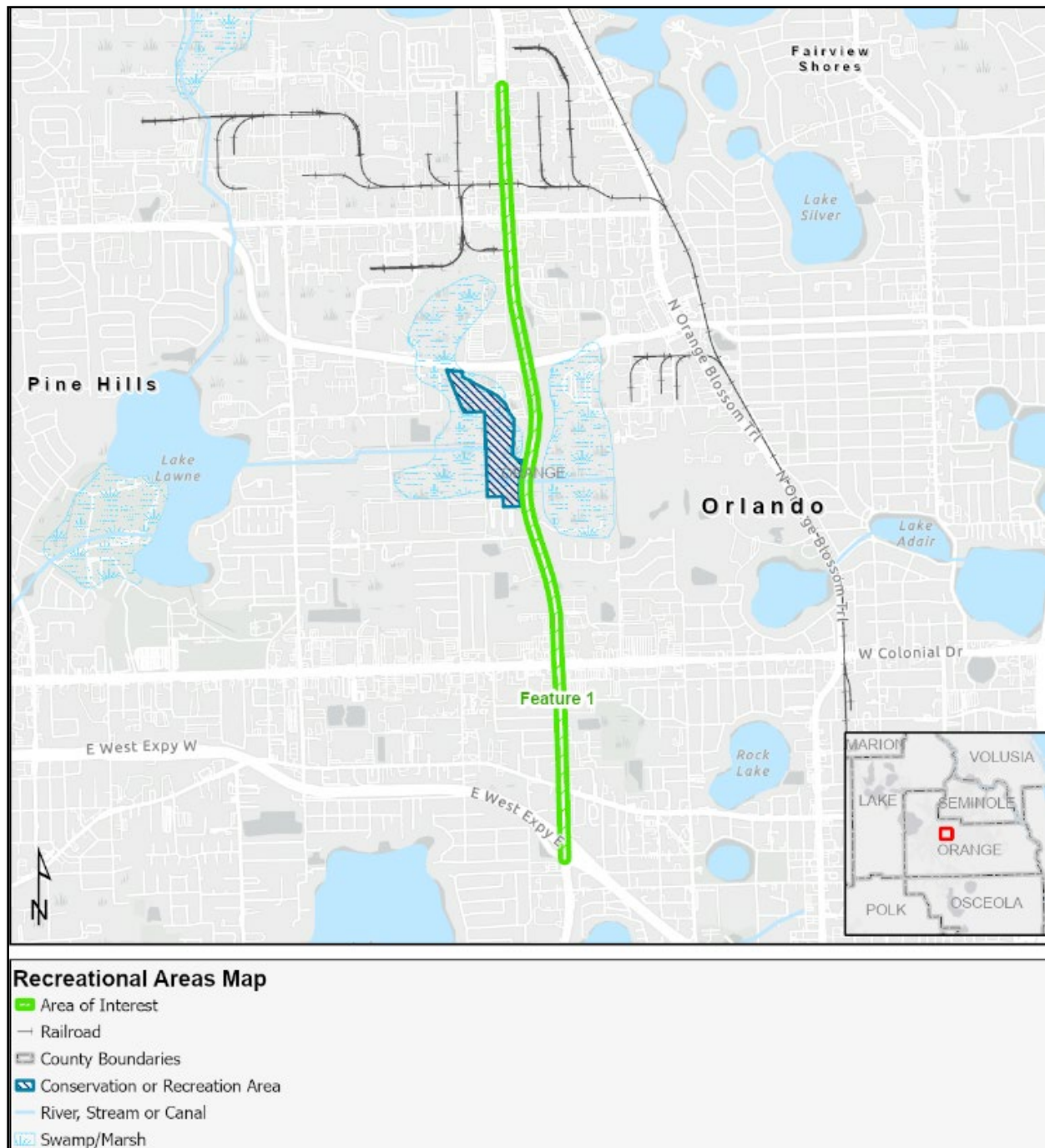


Source: ETDM 2025

2.7.3 RECREATION AND PROTECTED LANDS

There is one conservation or recreation area identified adjacent to the corridor.

Figure 3 | Recreational Areas Map



Source: ETDM 2025

2.8 NATURAL

2.8.1 SOILS

Ten (10) soils from the 'List of Specific Soils – Soil Survey Geographic database (SSURGO)' are listed below.

Table 1 | List of Specific Soils – SSURGO

Key	Component Name	Component Percent	Name	Acres	Hydric Soil Rating	Soil Drainage Class	Kind
3102925	Smyrna	45	Smyrna Fine Sand-Urban Land Complex, 0-2% slopes	14670	No	Poorly Drained	Complex
323139	Ona	85	Ona Fine Sand, 0-2% slopes	5187	No	Poorly Drained	Consociation
323143	Basinger	90	Basinger Fine Sand, Frequently Ponded, 0-1% slopes	33228	Yes	Poorly Drained	Consociation
323151	St. Johns	60	St. Johns Fine Sand	26739	No	Poorly Drained	Consociation
323156	Samsula	47	Samsula-Hontoon-Basinger Association, Depressional	30158	Yes	Very Poorly Drained	Association
323159	Smyrna	76	Smyrna-Smyrna, Wet, Fine Sand, 0-2% slopes	14516 1	No	Poorly Drained	Complex
323166	Urban Land	85	Urban Land, 0-2% slopes	10864	Unranked	None	Consociation
323167	Wabasso	85	Wabasso Fine Sand, 0-2% slopes	2286	No	Poorly Drained	Consociation
323168	Wabasso	57	Wabasso-Urban Land Complex	14080	No	Poorly Drained	Consociation
323170	Zolfo	50	Zolfo Fine Sand, 0-2% slopes	14080	No	Somewhat Poorly Drained	Consociation

Source: ETDM 2025

2.8.2 WETLANDS AND SURFACE WATERS

The wetlands will be evaluated for proposed impacts, avoidance and minimization, and mitigation will be documented in the Natural Resources Evaluation (NRE) as a part of the PD&E study.

The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory Areas are as follows:

- Palustrine (Freshwater Forested/Shrub Wetland) – 0.69-acre – 1.09%.
- Riverine (Riverine) – 0.11-acre – 0.17%.

The Water Management District (WMD) Wetlands are as follows:

- Cypress – 0.20-acre – 0.31%.
- Wetland Forested Mixed – 0.51-acre – 0.80%.

2.8.3 WATER RESOURCES

The water resources identified in the EST screening are summarized in the tables below.

Table 2 | Adopted Total Maximum Daily Loads (TMDL's)

TMDL Status	Name and Waterbody Identifier Number (WBID)	TMDL Parameter
State Adopted and EPA Approved TMDLS	Little Wekiva Canal (WBID: 3004)	Dissolved Oxygen and Nutrient
State Adopted and EPA Approved TMDLS	Little Wekiva Canal (WBID: 3004)	Bacteria

Source: ETDM 2025

Table 3 | Basin Management Action Plans (BMAP)

TMDL Basin Rotation Group	Description	Type	Status
Lake Okeechobee	Lake Okeechobee	Surface Water BMAP	Adopted BMAPS
Middle St. Johns	Wekiva River	Surface Water BMAP	Adopted BMAPS
Middle St. Johns	Wekiva Spring and Rock Springs	Spring BMAP	Adopted BMAPS

Source: ETDM 2025

Table 4 | Environmental Protection Agency (EPA) National Pollutant Discharge Elimination Systems (NPDES) facilities

Facility ID	Facility Name	Permit or Program Type
110010124846	Greyhound Lines Inc	ICIS-NPDES Non-Major
110010124846	Greyhound Lines Inc	Storm Water Industrial
110040455851	Princeton Retail Contractors B	ICIS-NPDES Non-Major
110040455851	Princeton Retail Contractors B	Storm Water Construction
110064409126	Contractors Business Park	ICIS-NPDES Non-Major
110064409126	Contractors Business Park	Storm Water Construction
110070073639	New Warehouse Orlando Center of Commerce Lot 6A	ICIS-NPDES Non-Major
110070073639	New Warehouse Orlando Center of Commerce Lot 6A	Storm Water Construction
110070103171	Wendy's Store No. 11845	ICIS-NPDES Non-Major
110070103171	Wendy's Store No. 11845	Storm Water Construction
11070919180	4 Roots Campus	ICIS-NPDES Non-Major
11070919180	4 Roots Campus	Storm Water Construction
110071069845	Wawa Store 5100	ICIS-NPDES Non-Major

Source: ETDM 2025

Additional water resources identified in the EST screening include:

- Two (2) HUC 12 Sub Watershed Boundary: Lake Fairview (0300801011403) and Big Sand Lake (030901010301).
- Restoration Area Plans and Non-BMAP TMDL Implementation: Little Wekiva Canal (WBID: 304).
- Waters Not Attaining Standards (WMAS): Little Wekiva Canal (WBID: 304) and Shingle Creek Headwaters (WBID: 3169G1).

2.8.4 FLOODPLAINS

There are 59.58 acres within the study area that are outside of the identified 500-year floodplain.

There are 4.42 acres within the study area that are within the identified 100-year floodplain.

During the PD&E study, engineering design features and hydrological drainage structures will be designed such that stormwater transport, flow and discharge meet or exceed flood control requirements.

2.8.5 PROTECTED SPECIES AND HABITATS

The study area has been identified to fall within the USFWS Consultation Area for the Florida scrub-jay, Everglade snail kite, and Lake Wales Ridge for federally protected plants. The project also falls within the Wood Stork Core Foraging Area. In addition, the following species were identified as potentially occurring in the project area:

- Federal Listed Species
 - Birds
 - Audubon's Crested Caracara (Threatened)
 - Eastern Black Rail (Threatened)
 - Everglade Snail Kite (Endangered)
 - Red-cockaded Woodpecker (Threatened)
 - Wood Stork (Threatened)
 - Reptiles
 - Eastern Indigo Snake (Threatened)
 - Southern Hognose Snake (Proposed Endangered)
 - Insects
 - Monarch Butterfly (Proposed Threatened)
 - Plants
 - Beautiful Pawpaw (Endangered)
 - Papery Whitlow-wort (Threatened)
 - Pigeon Wings (Threatened)
 - Sandlace (Endangered)
- State Listed Species
 - Birds
 - Little Blue Heron (Threatened)
 - Roseate Spoonbill (Threatened)
 - Tricolored Heron (Threatened)
 - Burrowing Owl (Threatened)
 - Florida Sandhill Crane (Threatened)
 - Southeastern American Kestrel (Threatened)
 - Reptiles

- Florida Pine Snake (Threatened)
- Short-Tailed Snake (Threatened)
- Gopher Tortoise (Threatened)
- Fishes
 - Bluenose Shiner (Threatened)

Wildlife and habitats, anticipated impacts, species commitments will be evaluated and documented in an NRE as a part of the PD&E study.

2.8.6 COASTAL AND MARINE

None.

2.9 PHYSICAL

2.9.1 NOISE

There is one urbanized area (Orlando) and one single family residential area in the buffer area.

2.9.2 AIR QUALITY

There are two industrial areas (one light industrial and one food processing) within the buffer area.

2.9.3 CONTAMINATION

There are 10 specific soils – SSURGO, 17 U.S. Environmental Protection Agency (USEPA) NPDES features, two NPDES stormwater permits, 12 USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities, two brownfield location boundaries, and three hazardous waste facilities within the buffer area.

2.9.4 INFRASTRUCTURE

There is one railroad section, one railroad crossing (622370W), and one Duke Energy Florida electric power transmission line (Voltage: 100-161) identified in the buffer area.

2.9.5 NAVIGATION

No navigable waterways were identified in the buffer area.

2.10 SPECIAL DESIGNATIONS

2.10.1 OUTSTANDING FLORIDA WATERS

The GIS Analysis Report did not identify any Outstanding Florida Waters (OFWs) within the project buffer area. The proposed project will have no involvement with any resources related to OFWs.

2.10.2 AQUATIC PRESERVES

The GIS Analysis Report did not identify any Aquatic Preserves within the project buffer area. The proposed project will have no involvement with any resources related to Aquatic Preserves.

2.10.3 WILD AND SCENIC RIVERS

The GIS Analysis Report did not identify any Wild and Scenic Rivers within the project buffer area. The proposed project will have no involvement with any resources related to Wild and Scenic Rivers.

2.10.4 SOLE SOURCE AQUIFERS

The GIS Analysis Report did not identify any Sole Source Aquifers within the buffer area. The proposed project will have no involvement with any resources related to Sole Source Aquifers.



A.1 Sociocultural Data Report



MTP2050 - JYP from SR 408 to Shader Rd - Feature 1

Area: [2](#) 0.10 square miles

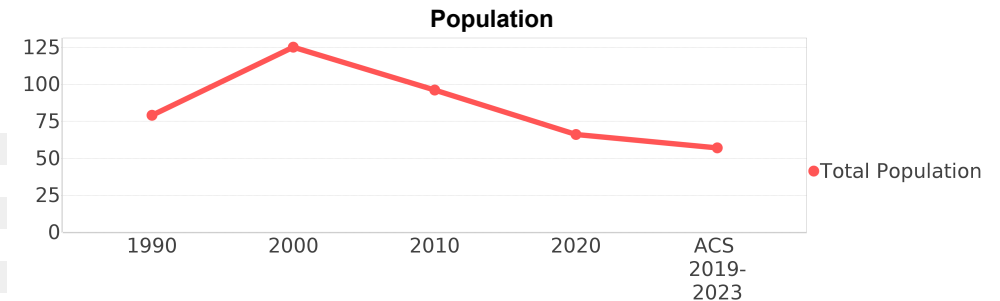
Jurisdiction - Cities: [3](#) Orlando

Jurisdiction - Counties: [3](#) Orange



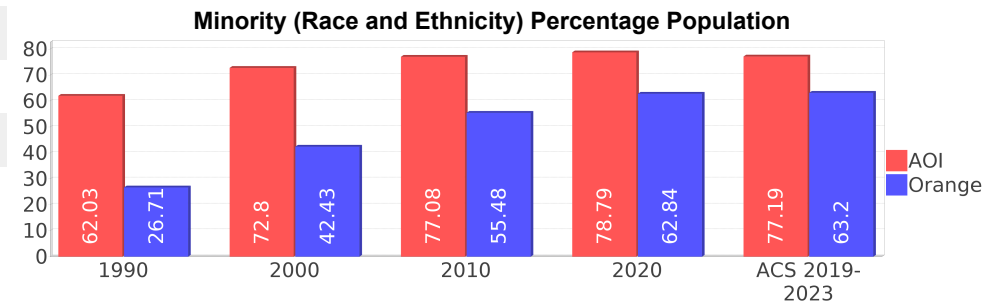
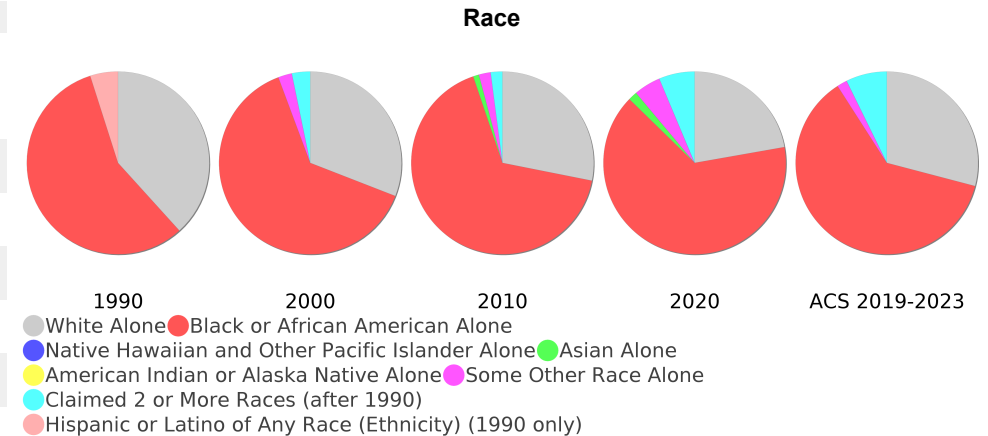
General Population Trends

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Total Population	79	125	96	66	57
Total Households	29	44	37	26	26
Average Persons per Acre	3.97	5.29	3.15	3.67	4.31
Average Persons per Household	2.67	2.71	2.60	2.44	2.42
Average Persons per Family	3.26	3.47	3.40	3.95	3.39
Males	38	61	44	33	24
Females	41	64	52	32	32



Race and Ethnicity Trends [5](#), [8](#), [9](#)

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
White Alone	31 (39.24%)	38 (30.40%)	27 (28.12%)	14 (21.21%)	16 (28.07%)
Black or African American Alone	46 (58.23%)	78 (62.40%)	64 (66.67%)	41 (62.12%)	34 (59.65%)
Native Hawaiian and Other Pacific Islander Alone	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
Asian Alone	0 (0.00%)	0 (0.00%)	1 (1.04%)	1 (1.52%)	0 (0.00%)
American Indian or Alaska Native Alone	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
Some Other Race Alone	0 (0.00%)	3 (2.40%)	2 (2.08%)	3 (4.55%)	1 (1.75%)
Claimed 2 or More Races	NA (NA)	4 (3.20%)	2 (2.08%)	4 (6.06%)	4 (7.02%)
Hispanic or Latino of Any Race (Ethnicity)	4 (5.06%)	10 (8.00%)	9 (9.38%)	8 (12.12%)	9 (15.79%)
Not Hispanic or Latino (Ethnicity)	75 (94.94%)	115 (92.00%)	87 (90.62%)	58 (87.88%)	48 (84.21%)
Minority (Race and Ethnicity)	49 (62.03%)	91 (72.80%)	74 (77.08%)	52 (78.79%)	44 (77.19%)



Age Trends ⁵

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Under Age 5	7.59%	6.40%	6.25%	4.55%	5.26%
Ages 5-17	20.25%	21.60%	17.71%	15.15%	12.28%
Ages 18-21	5.06%	5.60%	5.21%	3.03%	1.75%
Ages 22-29	12.66%	6.40%	9.38%	9.09%	8.77%
Ages 30-39	16.46%	11.20%	8.33%	12.12%	10.53%
Ages 40-49	11.39%	17.60%	11.46%	10.61%	8.77%
Ages 50-64	11.39%	14.40%	20.83%	21.21%	26.32%
Age 65 and Over	11.39%	14.40%	17.71%	18.18%	21.05%
-Ages 65-74	7.59%	6.40%	8.33%	10.61%	14.04%
-Ages 75-84	2.53%	6.40%	6.25%	4.55%	3.51%
-Age 85 and Over	0.00%	0.80%	1.04%	1.52%	1.75%
Median Age	NA	35	36	45	47

Income Trends ^{12, 13, 5}

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Median Household Income	\$21,001	\$31,359	\$40,648	\$48,110	\$33,156
Median Family Income	\$23,315	\$31,630	\$46,510	\$48,894	\$46,731
Population below Poverty Level	18.99%	24.00%	29.17%	16.67%	22.81%
Households below Poverty Level	17.24%	25.00%	24.32%	23.08%	30.77%
Households with Public Assistance Income	13.79%	6.82%	5.41%	3.85%	0.00%

Disability Trends ¹⁰

See the Data Sources section below for an explanation about the differences in disability data among the various years.

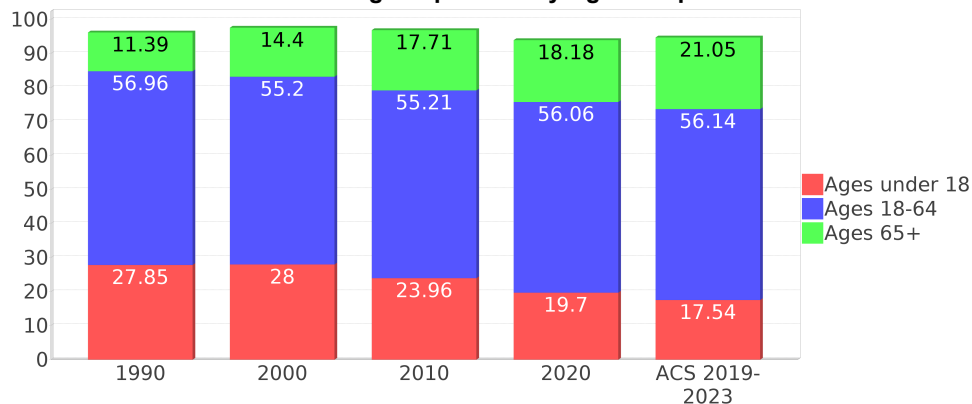
Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Population 16 To 64 Years with a disability	6 (10.00%)	20 (17.09%)	(NA)	(NA)	(NA)
Population 20 To 64 Years with a disability	(NA)	(NA)	(NA)	7 (21.21%)	6 (18.18%)

Educational Attainment Trends ^{11, 5}

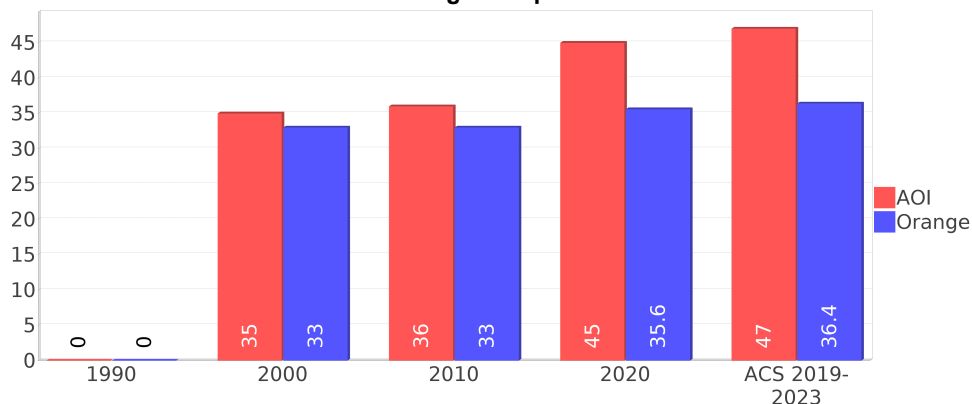
Age 25 and Over

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Less than 9th Grade	7 (13.73%)	11 (13.92%)	7 (10.14%)	3 (7.50%)	1 (2.44%)
9th to 12th Grade, No Diploma	10 (19.61%)	19 (24.05%)	12 (17.39%)	4 (10.00%)	4 (9.76%)
High School Graduate or Higher	33 (64.71%)	48 (60.76%)	50 (72.46%)	32 (80.00%)	35 (85.37%)
Bachelor's Degree or Higher	9 (17.65%)	12 (15.19%)	13 (18.84%)	6 (15.00%)	7 (17.07%)

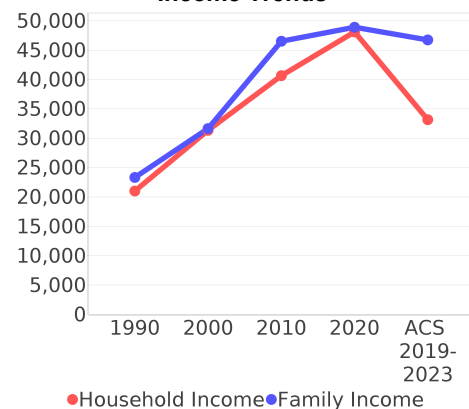
Percentage Population by Age Group



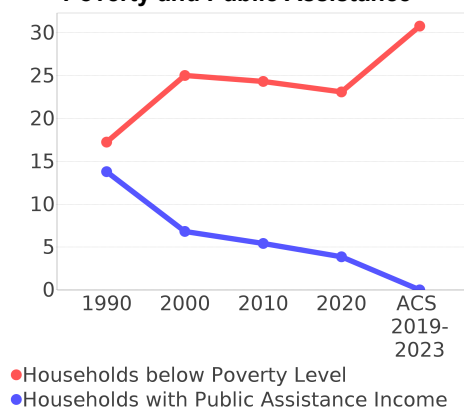
Median Age Comparison



Income Trends



Poverty and Public Assistance



Language Trends [5](#)

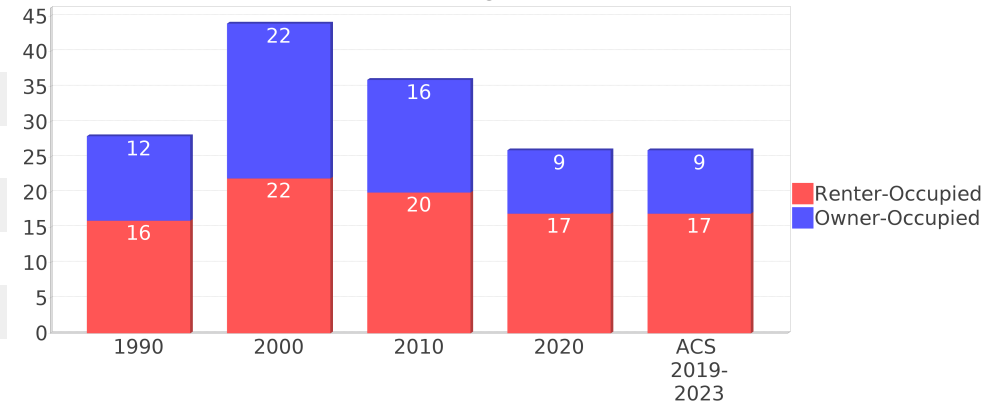
Age 5 and Over

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Speaks English Well	1 (1.30%)	6 (5.13%)	3 (3.03%)	3 (5.66%)	4 (7.55%)
Speaks English Not Well	NA (NA)	3 (2.56%)	1 (1.01%)	2 (3.77%)	1 (1.89%)
Speaks English Not at All	NA (NA)	0 (0.00%)	0 (0.00%)	1 (1.89%)	0 (0.00%)
Speaks English Not Well or Not at All	1 (1.30%)	NA (NA)	1 (1.01%)	3 (5.66%)	1 (1.89%)
Speaks English Less than Very Well	NA (NA)	10 (8.55%)	5 (5.05%)	6 (11.32%)	7 (13.21%)

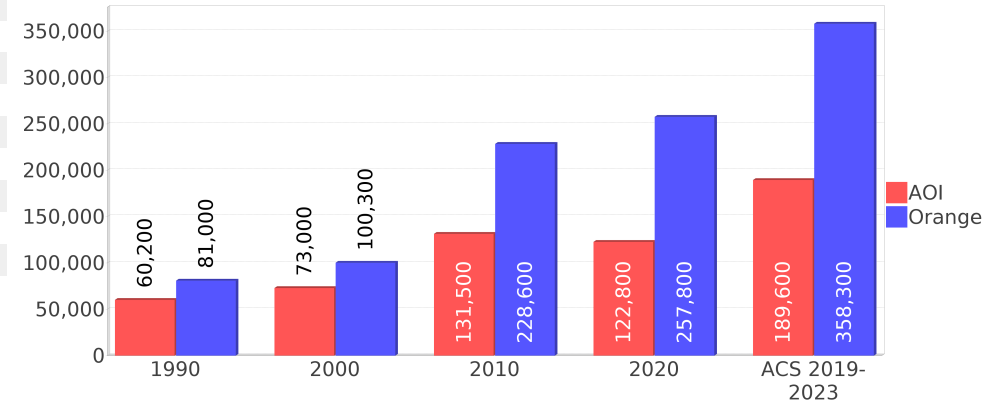
Housing Trends [5](#)

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Total	32	48	41	29	29
Units per Acre	0.79	1.29	1.19	1.44	1.48
Single-Family Units	15	30	22	14	15
Multi-Family Units	13	17	16	12	14
Mobile Home Units	0	0	0	0	0
Owner-Occupied Units	12	22	16	9	9
Renter-Occupied Units	16	22	20	17	17
Vacant Units	2	3	4	2	3
Median Housing Value	\$60,200	\$73,000	\$131,500	\$122,800	\$189,600
Occupied Housing Units w/No Vehicle	5 (16.67%)	8 (17.78%)	7 (18.92%)	4 (14.81%)	3 (11.54%)

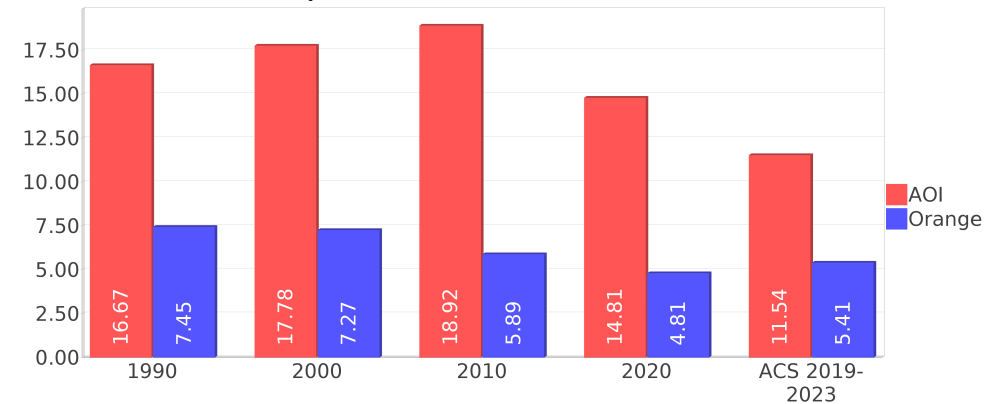
Housing Tenure



Median Housing Value Comparison



Occupied Units With No Vehicles Available



Geographic Mobility

Description	2020 ¹	ACS 2019-2023
Median year householder moved into unit - Total	2012	2016
Median year householder moved into unit - Owner Occupied	2004	2013
Median year householder moved into unit - Renter Occupied	2014	2018
Abroad 1 year ago	0	1
Different house in United States 1 year ago	9	6
Same house 1 year ago	47	48
Geographical Mobility in the Past Year - Total	57	55

Computers and Internet

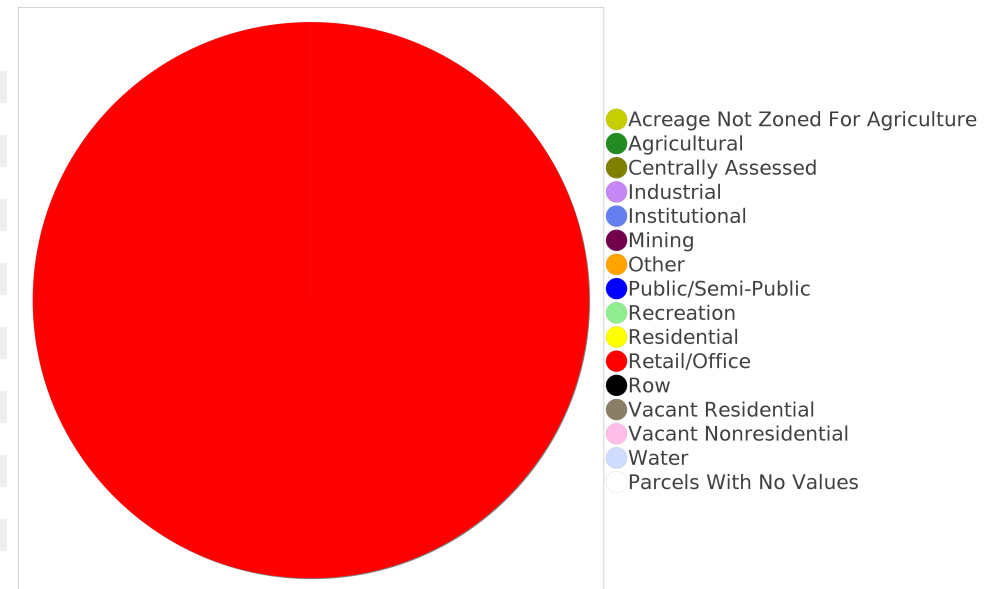
Description	2020 ¹	ACS 2019-2023
Total Households Types of Computers in HH	21	26
Households with 1 or more device	17	24
Households with no computer	4	2
Total Households Presence and Types of Internet Subscriptions	21	26
Households with an internet subscription	14	20
Households with internet access without a subscription	0	1
Households with no internet access	7	4

Household Languages

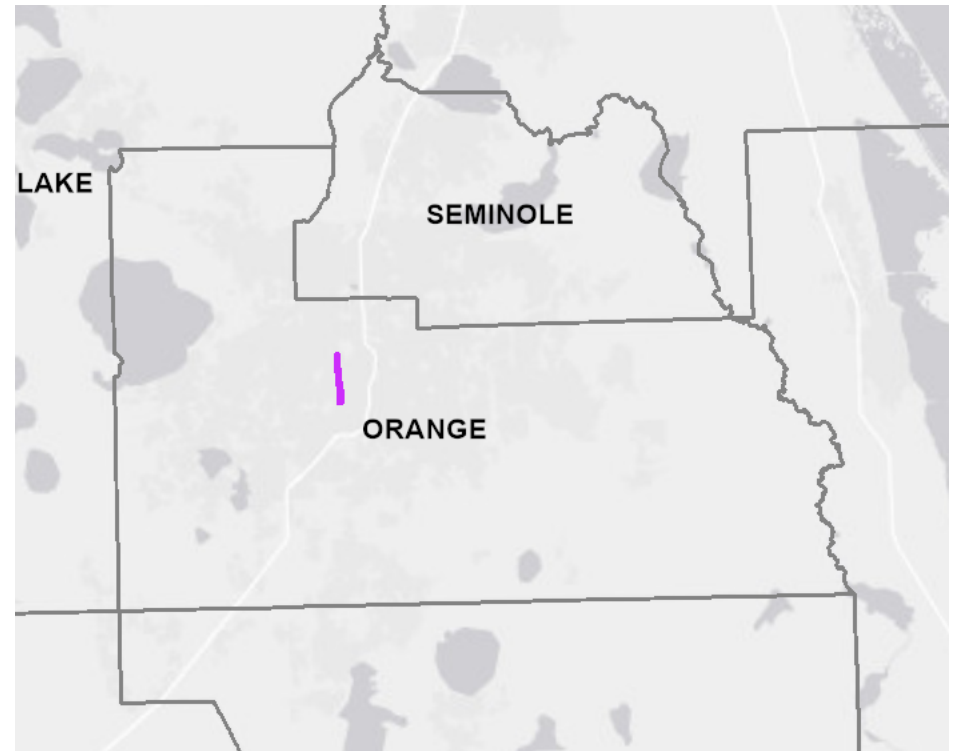
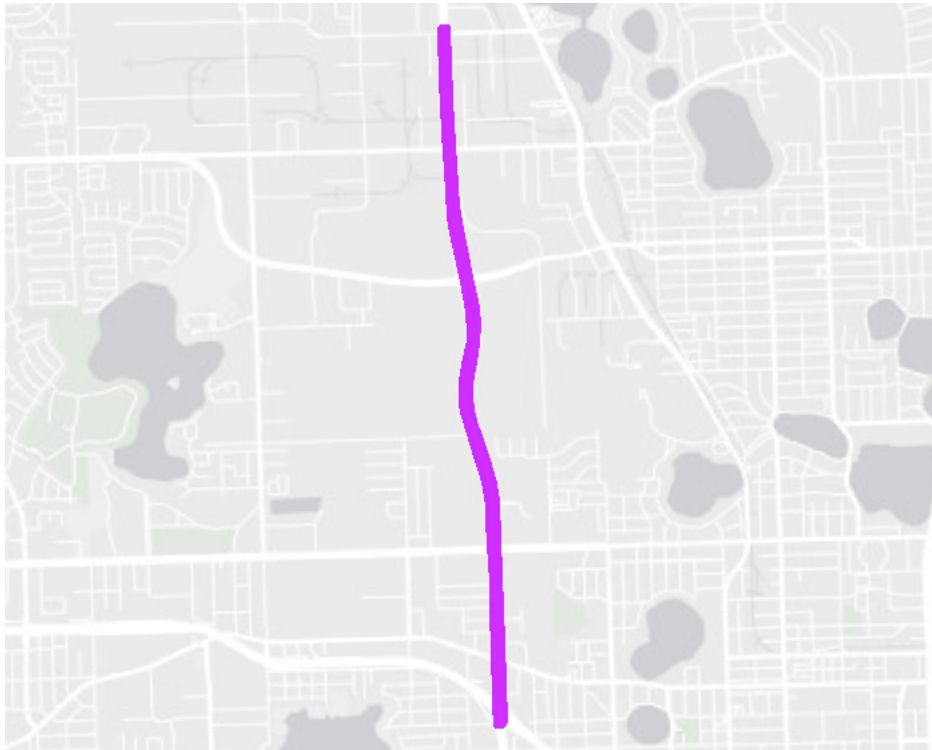
Description	2020 ¹	ACS 2019-2023
Total Households by Household Language	21	26
Household Not Limited English Speaking Status	20	23
Spanish: Limited English speaking household	1	2
Indo-European languages: Limited English speaking household	0	0
Asian and Pacific Island languages: Limited English speaking household	0	0
Other languages: Limited English speaking household	0	0

Existing Land Use [15](#), [56](#)

Land Use Type	Acres	Percentage
Acreage Not Zoned For Agriculture	0	0.00%
Agricultural	0	0.00%
Centrally Assessed	0	0.00%
Industrial	<0.5	<0.78%
Institutional	<0.5	<0.78%
Mining	0	0.00%
Other	0	0.00%
Public/Semi-Public	<0.5	<0.78%
Recreation	0	0.00%
Residential	<0.5	<0.78%
Retail/Office	1	1.57%
Row	<0.5	<0.78%
Vacant Residential	0	0.00%
Vacant Nonresidential	<0.5	<0.78%
Water	0	0.00%
Parcels With No Values	0	0.00%



Location Maps



Community Facilities

The community facilities information below is useful in a variety of ways for environmental evaluations. These community resources should be evaluated for potential sociocultural effects, such as accessibility and relocation potential. The facility types may indicate the types of population groups present in the project study area. Facility staff and leaders can be sources of community information such as who uses the facility and how it is used. Additionally, community facilities are potential public meeting venues.

None

Block Groups

The following Census Block Groups were used to calculate demographics for this report.

1990 Census Block Groups

120950107011, 120950119011, 120950117011, 120950124003, 120950118003, 120950119021

2000 Census Block Groups

120950119021, 120950124031, 120950107011, 120950118003, 120950119011, 120950117021, 120950117011

2010 Census Block Groups

120950187002, 120950183003, 120950183004, 120950124031, 120950187001

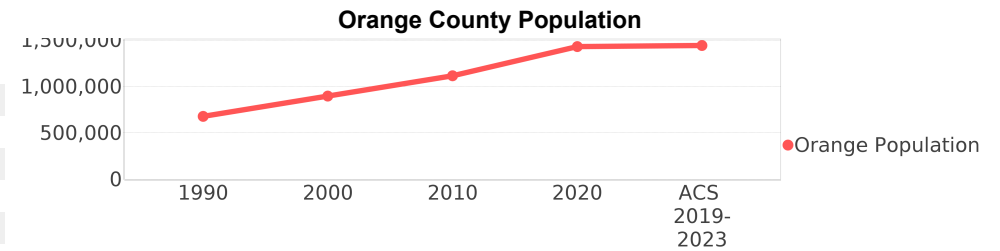
Census Block Groups

120950117011, 120950183002, 120950187002, 120950117021, 120950187001, 120950124031, 120950183003

Orange County Demographic Profile

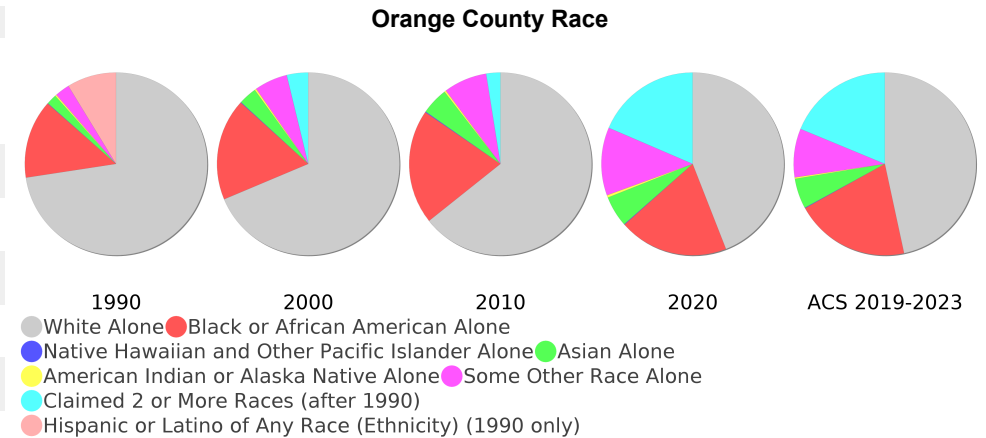
General Population Trends - Orange ⁵

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Total Population	677,491	896,344	1,116,094	1,429,908	1,440,471
Total Households	254,852	336,286	406,002	519,437	508,907
Average Persons per Acre	1.054	1.396	1.738	2.23	2.50
Average Persons per Household	2.658	2.609	3.00	2.68	2.76
Average Persons per Family	3.149	3.241	3.379	3.58	3.44
Males	336,061	442,441	550,254	696,512	709,185
Females	341,430	453,903	565,840	733,396	731,286



Race and Ethnicity Trends - Orange ^{5, 8, 9}

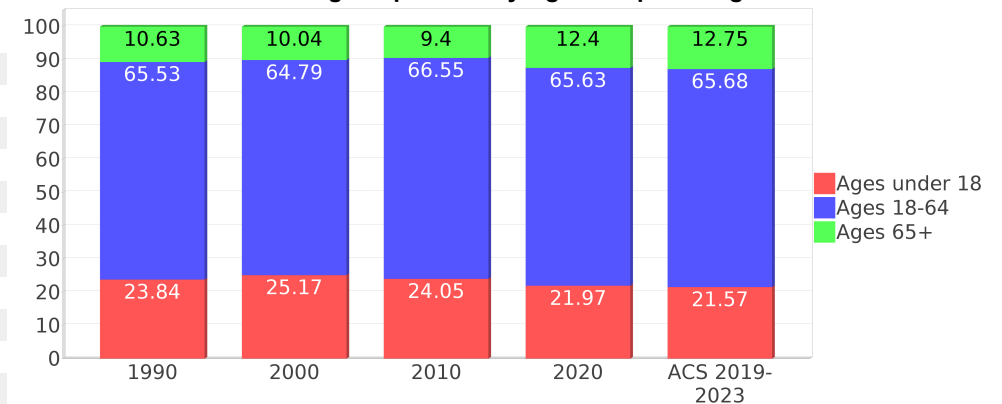
Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
White Alone	539,061 (79.57%)	615,706 (68.69%)	717,711 (64.31%)	629,789 (44.04%)	671,615 (46.62%)
Black or African American Alone	103,092 (15.22%)	161,558 (18.02%)	226,111 (20.26%)	277,027 (19.37%)	292,616 (20.31%)
Native Hawaiian and Other Pacific Islander Alone	525 (0.08%)	853 (0.10%)	1,547 (0.14%)	1,417 (0.10%)	1,395 (0.10%)
Asian Alone	13,469 (1.99%)	28,748 (3.21%)	53,326 (4.78%)	78,348 (5.48%)	76,973 (5.34%)
American Indian or Alaska Native Alone	2,036 (0.30%)	2,862 (0.32%)	3,560 (0.32%)	6,328 (0.44%)	3,785 (0.26%)
Some Other Race Alone	19,308 (2.85%)	52,568 (5.86%)	85,645 (7.67%)	171,904 (12.02%)	123,843 (8.60%)
Claimed 2 or More Races	(NA)	34,049 (3.80%)	28,194 (2.53%)	265,095 (18.54%)	270,244 (18.76%)
Hispanic or Latino of Any Race (Ethnicity)	64,946 (9.59%)	168,191 (18.76%)	287,760 (25.78%)	473,025 (33.08%)	478,735 (33.23%)
Not Hispanic or Latino (Ethnicity)	612,545 (90.41%)	728,153 (81.24%)	828,334 (74.22%)	956,883 (66.92%)	961,736 (66.77%)
Minority (Race and Ethnicity)	180,947 (26.71%)	380,320 (42.43%)	619,202 (55.48%)	898,546 (62.84%)	910,327 (63.20%)



Age Trends - Orange ⁵

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Under Age 5	7.36%	6.81%	6.69%	5.40%	5.71%
Ages 5-17	16.48%	18.35%	17.35%	16.57%	15.86%
Ages 18-21	7.25%	6.19%	7.08%	6.93%	5.86%
Ages 22-29	15.98%	12.79%	13.88%	12.62%	12.47%
Ages 30-39	18.06%	17.43%	14.88%	14.85%	15.44%
Ages 40-49	11.98%	15.36%	14.79%	13.48%	14.01%
Ages 50-64	12.26%	13.03%	15.93%	17.75%	17.90%
Age 65 and Over	10.63%	10.04%	9.40%	12.40%	12.75%
-Ages 65-74	6.51%	5.52%	5.18%	7.60%	7.77%
-Ages 75-84	3.16%	3.50%	3.07%	3.49%	3.58%
-Age 85 and Over	0.96%	1.02%	1.16%	1.31%	1.41%
Median Age	NA	33	33	35.6	36.4

Percentage Population by Age Group - Orange



Income Trends - Orange ⁵

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Median Household Income	\$30,252	\$41,311	\$50,138	\$61,416	\$77,011
Median Family Income	\$34,670	\$47,159	\$57,473	\$70,209	\$89,769
Population below Poverty Level	11.25%	12.11%	13.42%	14.18%	13.05%
Households below Poverty Level	10.35%	10.91%	12.68%	12.15%	12.85%
Households with Public Assistance Income	4.83%	2.50%	1.44%	2.41%	2.68%

Disability Trends - Orange ¹⁰

See the Data Sources section below for an explanation about the differences in disability data among the various years.

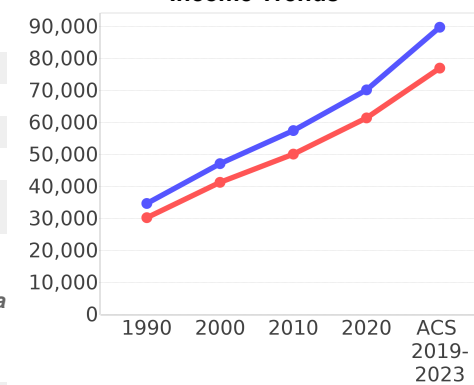
Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Population 16 To 64 Years with a disability	33,640 (6.57%)	119,793 (14.56%)	NA (NA)	NA (NA)	NA (NA)
Population 20 To 64 Years with a disability	NA (NA)	NA (NA)	NA (NA)	78,853 (9.21%)	82,192 (9.21%)

Educational Attainment Trends - Orange ^{11, 5}

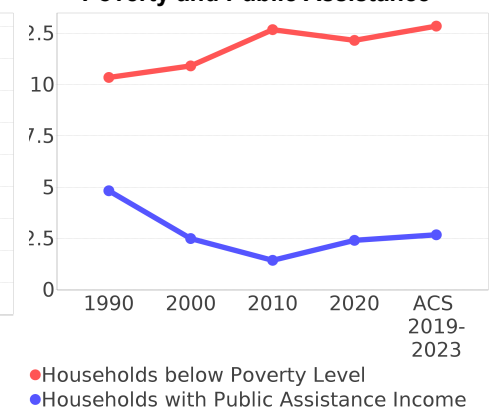
Age 25 and Over

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Less than 9th Grade	29,815 (6.90%)	31,431 (5.47%)	36,515 (5.16%)	40,700 (4.39%)	41,920 (4.27%)
9th to 12th Grade, No Diploma	61,781 (14.29%)	73,160 (12.74%)	56,288 (7.95%)	64,175 (6.93%)	55,946 (5.70%)
High School Graduate or Higher	340,597 (78.81%)	469,510 (81.78%)	615,181 (86.89%)	821,198 (88.68%)	883,489 (90.03%)
Bachelor's Degree or Higher	91,722 (21.22%)	150,009 (26.13%)	214,780 (30.34%)	327,968 (35.41%)	376,923 (38.41%)

Income Trends



Poverty and Public Assistance



Language Trends - Orange ⁵

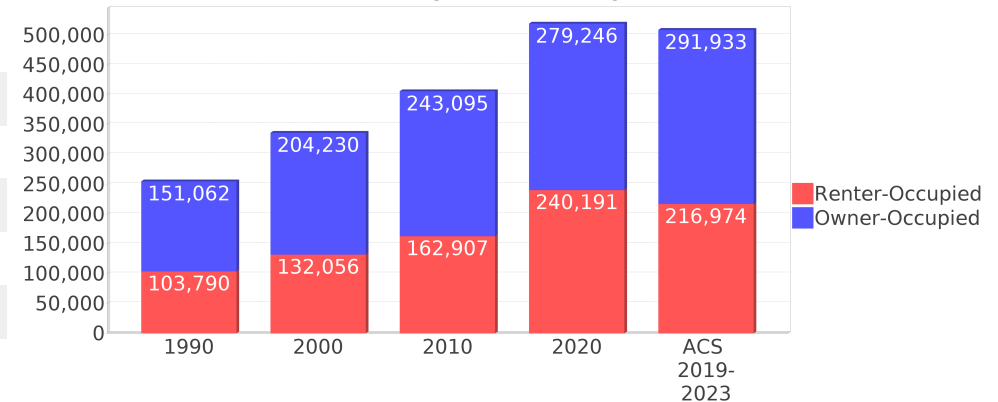
Age 5 and Over

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Speaks English Well	20,163 (3.21%)	47,230 (5.65%)	65,314 (6.27%)	92,089 (7.14%)	99,867 (7.35%)
Speaks English Not Well	NA (NA)	30,937 (3.70%)	49,410 (4.74%)	65,575 (5.08%)	68,972 (5.08%)
Speaks English Not at All	NA (NA)	9,102 (1.09%)	18,544 (1.78%)	27,811 (2.16%)	30,806 (2.27%)
Speaks English Not Well or Not at All	13,943 (2.22%)	40,039 (4.79%)	67,954 (6.53%)	93,386 (7.24%)	99,778 (7.35%)
Speaks English Less than Very Well	NA (NA)	87,269 (10.45%)	133,268 (12.80%)	185,475 (14.37%)	199,645 (14.70%)

Housing Trends - Orange ⁵

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Total	282,686	361,349	474,757	561,851	576,450
Units per Acre	0.44	0.563	0.739	0.88	1.00
Single-Family Units	161,010	227,164	297,590	343,817	356,343
Multi-Family Units	73,974	113,760	156,040	182,134	200,607
Mobile Home Units	17,720	20,068	21,038	19,737	19,034
Owner-Occupied Units	151,062	204,230	243,095	279,246	291,933
Renter-Occupied Units	103,790	132,056	162,907	240,191	216,974
Vacant Units	27,834	25,063	68,755	42,414	67,543
Median Housing Value	\$81,000	\$100,300	\$228,600	\$257,800	\$358,300
Occupied Housing Units w/No Vehicle	18,991 (7.45%)	24,460 (7.27%)	23,926 (5.89%)	24,961 (4.81%)	27,551 (5.41%)
Median year householder moved into unit - Total	NA	NA	NA	2014	2016
Median year householder moved into unit - Owner Occupied	NA	NA	NA	2009	2012
Median year householder moved into unit - Renter Occupied	NA	NA	NA	2016	2019
Abroad 1 year ago	NA	NA	NA	24,695	22,538
Different house in United States 1 year ago	NA	NA	NA	216,941	207,377
Same house 1 year ago	NA	NA	NA	1,117,780	1,197,132
Geographical Mobility in the Past Year - Total	NA	NA	NA	1,359,416	1,427,047

Housing Tenure - Orange



Data Sources

ACS vs Census Data

(1) The 2010 and 2020 Census data is represented by a combination of decennial and ACS data. The 2010 decennial is combined with the 5-year ACS data for 2006-2010 and the 2020 decennial is combined with the 5-year ACS data for 2016-2020. The General Population Trends, Race and Ethnicity Trends, and Age Trends are entirely from the decennial. The Income Trends, Disability Trends, Educational Attainment Trends, and Language Trends are entirely from the ACS. The Housing Trends section is derived from both: Decennial (Total # Housing Units, Housing Units per Acre, Owner-Occupied Units, Renter-Occupied Units, Vacant Units); ACS (Single-Family Units, Multi-family Units, Mobile Homes, Median Housing Value, Occupied Housing Units w/No Vehicle).

Area

(2) The geographic area of the community based on a user-defined community boundary or area of interest (AOI) boundary.

Jurisdiction

(3) Jurisdiction(s) includes local government boundaries that intersect the user-defined community or AOI boundary.

Goals, Values and History

(4) Information under the headings Goals and Values and History is entered manually by the user before the Sociocultural Data Report (SDR) is generated. This information is usually not available for communities with boundaries that are based on Census-defined places (i.e., not user-specified).

Demographic Data

(5) Demographic data reported under the headings General Population Trends, Race and Ethnicity Trends, Age Trends, Income Trends, Educational Attainment Trends, Language Trends, and Housing Trends is from the U.S. Decennial Census for 1990 and 2000 and the American Community Survey (ACS) 5-year estimates for 2006-2010 and . The data was gathered at the block group level for user-defined communities, Census places, and AOIs, and at the county level for counties. Depending on the dataset, the data represents 100% counts (Census Summary File 1) or sample-based information (Census Summary File 3 or ACS). For more information about using demographic data, please see the training videos located here: <https://www.fdot.gov/environment/pubs/sce/sce1.shtm>.

About the Census Data

(6) The block group analysis for ETDM project analysis areas, user-defined communities, Census places, and AOI boundaries do not always correspond precisely to block group boundaries. To estimate the actual population more accurately, the SDR analysis adjusts the geographic area and data of affected block groups using the following methodology:

Delete overlapping census blocks with extremely low populations (2 or fewer people)
Remove the portion of the block group that lies outside of the analysis area
Recalculate the demographics assuming an equal area distribution of the population

Note that there may be areas where there is no population.

(7) Use caution when comparing the 100% count data (Decennial Census) to the sample-based data (ACS). In any given year, about one in 40 U.S. households will receive the ACS questionnaire. Over any five-year period, about one in eight households will receive the questionnaire, as compared to about one in six that received the long form questionnaire for the Decennial Census 2000. (Source: https://www.census.gov/content/dam/Census/programs-surveys/acs/news/10ACS_keyfacts.pdf) The U.S. Census Bureau provides help with this process: <https://www.census.gov/programs-surveys/acs/guidance/comparing-acs-data.html>

(8) Race and ethnicity are separate questions on the Census questionnaire. Individuals can report multiple race and ethnicity answers; therefore, numbers in the Race and Ethnicity portion of this report may add up to be greater than the total population. In addition, use caution when interpreting changes in race and ethnicity over time. Starting with the 2000 Decennial Census, respondents could select one or more race categories. Also in 2000, the placement of the question about Hispanic origin changed, helping to increase responsiveness to the Hispanic-origin question. Because of these and other changes, the 1990 data on race and ethnicity are not directly comparable with data from later censuses. (Source: <https://www.census.gov/library/publications/2001/dec/c2kbr01-01.html>)

(9) The "Minority" calculations use both the race and ethnicity responses from Census and ACS data. In this report, "Minority" refers to individuals who list a race other than White and/or list their ethnicity as Hispanic/Latino. In other words, people who are multi-racial, any single race other than White, or Hispanic/Latino of any race are considered minorities. We use the following formula: $MINORITY = TOTALPOP - WHITE_NH$ where TOTALPOP is the Total Population and WHITE_NH is the population with a race of White alone and an ethnicity of Not Hispanic or Latino. Translating this to the field names used in the census ACS source data, the formula looks like this: $MINORITY = B01003_E001 - B03002_E003$. (Note, the WHITE_NH population is not reported separately in this report.)

(10) Disability data is not included in the 2010 Decennial Census or the 2006-2010 ACS. This data is available in the ACS 2019-2023 ACS. Because of changes made to the Census and ACS questions between 1990 and ACS, disability variables should not be compared from year to year. For example: 1) with the 1990 data, the disabilities are listed as a "work disability" while this distinction is not made with 2000 or ACS data; 2) the ACS data includes the institutionalized population (e.g. persons in prisons and group homes) while this population is not included in 1990 or 2000; and 3) the age groupings changed over the years.

(11) The category Bachelor's Degree or Higher under the heading Educational Attainment Trends is a subset of the category High School Graduate or Higher.

(12) Income of households. This includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income.

(13) Income of families. In compiling statistics on family income, the incomes of all members 15 years old and over related to the householder are summed and treated as a single amount.

(14) Age trends. The median age for 1990 is not available.

Land Use Data

(15) The Land Use information Indicates acreages and percentages for the generalized land use types used to group parcel-specific, existing land use assigned by the county property appraiser office according to the Florida Department of Revenue land use codes.

Community Facilities Data

- (16) Assisted Rental Housing Units - Identifies multifamily rental developments that receive funding assistance under federal, state, and local government programs to offer affordable housing as reported by the Shimberg Center for Housing Studies, University of Florida.
- (17) Mobile Home Parks - Identifies approved or acknowledged mobile home parks reported by the Florida Department of Business and Professional Regulation and Florida Department of Health.
- (18) Migrant Camps - Identifies migrant labor camp facilities inspected by the Florida Department of Health.
- (19) Group Care Facilities - Identifies group care facilities inspected by the Florida Department of Health.
- (20) Community Center and Fraternal Association Facilities - Identifies facilities reported by multiple sources.
- (21) Law Enforcement Correctional Facilities - Identifies facilities reported by multiple sources.
- (22) Cultural Centers - Identifies cultural centers including organizations, buildings, or complexes that promote culture and arts (e.g., aquariums and zoological facilities; arboreta and botanical gardens; dinner theaters; drive-ins; historical places and services; libraries; motion picture theaters; museums and art galleries; performing arts centers; performing arts theaters; planetariums; studios and art galleries; and theater producers stage facilities) reported by multiple sources.
- (23) Fire Department and Rescue Station Facilities - Identifies facilities reported by multiple sources.
- (24) Government Buildings - Identifies local, state, and federal government buildings reported by multiple sources.
- (25) Health Care Facilities - Identifies health care facilities including abortion clinics, dialysis clinics, medical doctors, nursing homes, osteopaths, state laboratories/clinics, and surgicenters/walk-in clinics reported by the Florida Department of Health.
- (26) Hospital Facilities - Identifies hospital facilities reported by multiple sources.
- (27) Law Enforcement Facilities - Identifies law enforcement facilities reported by multiple sources.
- (28) Parks and Recreational Facilities - Identifies parks and recreational facilities reported by multiple sources.
- (29) Religious Center Facilities - Identifies religious centers including churches, temples, synagogues, mosques, chapels, centers, and other types of religious facilities reported by multiple sources.
- (30) Private and Public Schools - Identifies private and public schools reported by multiple sources.
- (31) Social Service Centers - Identifies social service centers reported by multiple sources.
- (32) Veteran Organizations and Facilities

County Data Sources

ACS vs Census Data

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(36) The "Minority" calculations use both the race and ethnicity responses from Census and ACS data. In this report, "Minority" refers to individuals who list a race other than White and/or list their ethnicity as Hispanic/Latino. In other words, people who are multi-racial, any single race other than White, or Hispanic/Latino of any race are considered minorities. We use the following formula: MINORITY = TOTALPOP - WHITE_NH where TOTALPOP is the Total Population and WHITE_NH is the population with a race of White alone and an ethnicity of Not Hispanic or Latino. Translating this to the field names used in the census ACS source data, the formula looks like this: MINORITY = B01003_E001 - B03002_E003. (Note, the WHITE_NH population is not reported separately in this report.)

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(38) The category Bachelor's Degree or Higher under the heading Educational Attainment Trends is a subset of the category High School Graduate or Higher.

Metadata

- (39) Community and Fraternal Centers https://etdmpub.fl-a-etat.org/meta/gc_communitycenter.xml
- (40) Correctional Facilities in Florida https://etdmpub.fl-a-etat.org/meta/gc_correctional.xml
- (41) Cultural Centers in Florida https://etdmpub.fl-a-etat.org/meta/gc_culturecenter.xml
- (42) Fire Department and Rescue Station Facilities in Florida https://etdmpub.fl-a-etat.org/meta/gc_firestat.xml
- (43) Local, State, and Federal Government Buildings in Florida https://etdmpub.fl-a-etat.org/meta/gc_govbuild.xml
- (44) Florida Health Care Facilities https://etdmpub.fl-a-etat.org/meta/healthcare_facilities.xml
- (45) Hospital Facilities in Florida https://etdmpub.fl-a-etat.org/meta/gc_hospitals.xml
- (46) Law Enforcement Facilities in Florida https://etdmpub.fl-a-etat.org/meta/law_enforcement_facilities.xml
- (47) Florida Parks and Recreational Facilities https://etdmpub.fl-a-etat.org/meta/gc_parks.xml
- (48) Religious Centers https://etdmpub.fl-a-etat.org/meta/gc_religion.xml
- (49) Florida Public and Private Schools https://etdmpub.fl-a-etat.org/meta/gc_schools.xml
- (50) Social Service Centers https://etdmpub.fl-a-etat.org/meta/gc_socialservice.xml
- (51) Assisted Rental Housing Units in Florida https://etdmpub.fl-a-etat.org/meta/affordable_public_housing.xml
- (52) Group Care Facilities <https://etdmpub.fl-a-etat.org/meta/groupcare.xml>
- (53) Mobile Home Parks in Florida https://etdmpub.fl-a-etat.org/meta/gc_mobilehomes.xml
- (54) Migrant Camps in Florida <https://etdmpub.fl-a-etat.org/meta/migrant.xml>
- (55) Veteran Organizations and Facilities https://etdmpub.fl-a-etat.org/meta/gc_veterans.xml
- (56) Generalized Land Use https://etdmpub.fl-a-etat.org/meta/lu_gen.xml
- (57) Census Block Groups in Florida https://etdmpub.fl-a-etat.org/meta/e2_cenacs_cci.xml
- (58) 1990 Census Block Groups in Florida https://etdmpub.fl-a-etat.org/meta/e2_cenblkgrp_1990_cci.xml
- (59) 2000 Census Block Groups in Florida https://etdmpub.fl-a-etat.org/meta/e2_cenblkgrp_2000_cci.xml
- (60) 2010 Census Block Groups in Florida https://etdmpub.fl-a-etat.org/meta/e2_cenblkgrp_2010_cci.xml



A.2 Geographic Information System (GIS) Analysis Report



MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

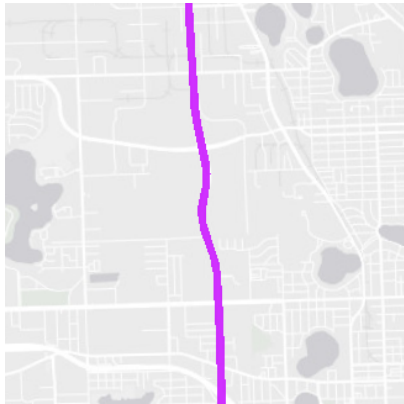
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Aesthetic Effects			
FDOT - Outdoor Advertising	i	10/16/2025	3
FDOT Noise Barriers	i	10/16/2025	0
FDOT RCI Scenic Highways	i	10/16/2025	0
HUD Empowerment Zones / Enterprise Communities	i	10/16/2025	0
USCB 2010 Census Designated Places	i	10/16/2025	1
WMD Residential Areas (FLUCCS Level 3)	i	10/16/2025	1

FDOT - Outdoor Advertising

Metadata: https://etdmpub.fl-a-etat.org/meta/fl_billboards.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Account Name	Location	Google Map
CLEAR CHANNEL - ORLANDO	COLONIAL DR	https://www.google.com/maps/place/17RMM5954358628
OUTFRONT MEDIA LLC	EAST-WEST EXPRESSWAY	https://www.google.com/maps/place/17RMM5951157503
OUTFRONT MEDIA LLC	EAST-WEST EXPRESSWAY	https://www.google.com/maps/place/17RMM5951157503

Summary: 3 feature(s) found within buffer.

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

WMD Residential Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
Totals	0.15	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

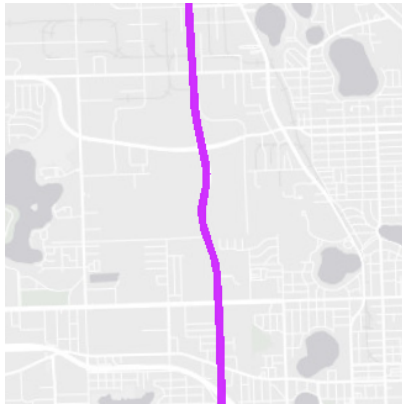
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Air Quality			
FDEP Ambient Air Monitoring Sites in Florida		10/16/2025	0
TNC Managed Burn Zones (Lake Wales Ridge)		10/16/2025	0
USCB 2010 Census Designated Places		10/16/2025	1
USEPA Power Plants		10/16/2025	0
USEPA Regulated Air Emissions Facilities (ICIS-AIR)		10/16/2025	0
WMD Industrial Areas (FLUCCS Level 3)		10/16/2025	2

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

WMD Industrial Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

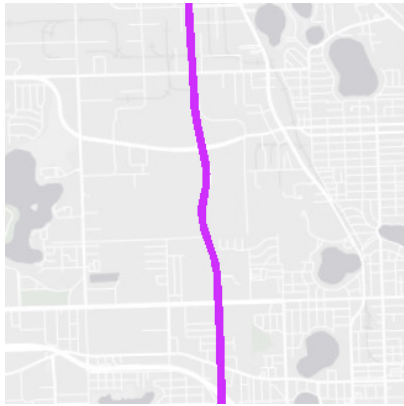
Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
Totals	0.42	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Basemap			
AHCA Group Care Facilities		10/16/2025	0
AUDUBON Eagle Nests (Buffered by 330 and 660 Feet)		10/16/2025	0
AUDUBON EagleWatch Nests		10/16/2025	0
BAR Florida Site File Archaeological or Historic Sites		10/16/2025	0
BAR Florida Site File Areas with No Field Survey Project Boundary Present		10/16/2025	1
BAR Florida Site File Cemeteries		10/16/2025	0
BAR Florida Site File Field Survey Project Boundaries		10/16/2025	6
		10/16/2025	0

Analysis Type		Date Run	Count
BAR Florida Site File Historic Bridges			
BAR Florida Site File Historic Standing Structures		10/16/2025	0
BAR Florida Site File Resource Groups		10/16/2025	2
BAR National Register of Historic Places		10/16/2025	0
BTS (FRA) Railroad Crossings		10/16/2025	1
BTS 2010 Amtrak Intercity Railroad Terminals		10/16/2025	0
BTS Abandoned Rails (Subset of BTS Rails)		10/16/2025	0
BTS Abandoned Rails 2015 (Subset of BTS Rails)		10/16/2025	0
BTS Airports		10/16/2025	0
BTS Fixed-Guideway Transit Network Stations		10/16/2025	0
BTS Intermodal Passenger Connectivity Database (IPCD)		10/16/2025	0
BTS National Bridge Inventory		10/16/2025	1
BTS US Army Corps of Engineers Ports		10/16/2025	0
DCA Areas of Critical State Concern in Florida		10/16/2025	0
DCA Waterfronts Florida Program Designated Communities		10/16/2025	0
DOACS Florida Forest Service Facility Locations - 2015		10/16/2025	0
FCC AM Tower Structures		10/16/2025	0
FCC Cellular Antenna Locations		10/16/2025	0
FCC FM Tower Structures		10/16/2025	0
FCC Television Broadcast Structure Locations		10/16/2025	0
FCC Wireless Antenna Structure Locations		10/16/2025	0

Analysis Type		Date Run	Count
FDACS Irrigated Cropland and Non-Irrigated Agricultural Areas	i	10/16/2025	0
FDACS Rural and Family Lands Protection Program (RFLPP)	i	10/16/2025	0
FDACS State Forests	i	10/16/2025	0
FDEM Front Porch Communities	i	10/16/2025	0
FDEP Adopted Aquifer Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Estuary Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Lake Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted River Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida	i	10/16/2025	2
FDEP Affordable Public Housing	i	10/16/2025	0
FDEP Ambient Air Monitoring Sites in Florida	i	10/16/2025	0
FDEP Basin Management Action Plans (BMAP) Areas in Florida	i	10/16/2025	3
FDEP Brownfield Location Boundaries	i	10/16/2025	2
FDEP Certified Power Plants	i	10/16/2025	0
FDEP Coastal Construction Control Lines (CCCL)	i	10/16/2025	0
FDEP Cumulative Impact Basins from Water Management Districts	i	10/16/2025	2
FDEP DRASTIC Coverage for the Floridan Aquifer System	i	10/16/2025	2
FDEP DRASTIC Coverage for the Intermediate Aquifer	i	10/16/2025	0
FDEP DRASTIC Coverage for the Surficial Aquifer System	i	10/16/2025	1
FDEP Dry Cleaning Program Sites	i	10/16/2025	0

Analysis Type		Date Run	Count
FDEP EPA Established Total Maximum Daily Loads (TMDLs)		10/16/2025	0
FDEP Environmental Geology		10/16/2025	1
FDEP Environmental Restoration Integrated (ERIC) PFAS Sites		10/16/2025	0
FDEP Environmental Restoration Integrated Cleanup (ERIC) Sites		10/16/2025	0
FDEP Florida Coastal Building Zone		10/16/2025	0
FDEP Florida State Parks		10/16/2025	0
FDEP Floridan Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Flowing Waters Resource		10/16/2025	0
FDEP HUC 12 Subwatershed Boundaries		10/16/2025	2
FDEP Hazardous Waste Facilities		10/16/2025	3
FDEP Healthcare Facilities		10/16/2025	0
FDEP Institutional Controls Registry Sites		10/16/2025	0
FDEP Intermediate Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Lakes Resource		10/16/2025	0
FDEP Large Quantity Generators of Hazardous Waste		10/16/2025	0
FDEP Law Enforcement Facilities		10/16/2025	0
FDEP List of Aquatic Preserves		10/16/2025	0
FDEP Mandatory Phosphate Mine Boundaries		10/16/2025	0
FDEP Mitigation Bank Service Areas		10/16/2025	11
FDEP Mitigation Banks		10/16/2025	0
FDEP NPDES Stormwater Permits		10/16/2025	2

Analysis Type		Date Run	Count
FDEP National Pollutant Discharge Elimination System (NPDES) Stormwater Facilities and Activities	i	10/16/2025	0
FDEP Off Site Contamination Notices	i	10/16/2025	0
FDEP Other Outstanding Florida Waters	i	10/16/2025	0
FDEP Outstanding Florida Springs (OFS)	i	10/16/2025	0
FDEP Petroleum Contamination Monitoring Sites	i	10/16/2025	0
FDEP Public Water Supply (PWS) Plants	i	10/16/2025	0
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation	i	10/16/2025	1
FDEP STORET Stations	i	10/16/2025	0
FDEP Sea-Level Impact Projection (SLIP) Study Area	i	10/16/2025	0
FDEP Solid Waste Facilities	i	10/16/2025	0
FDEP Springs	i	10/16/2025	0
FDEP Springs Priority Focus Areas	i	10/16/2025	1
FDEP State funded Hazardous Waste Cleanup Sites	i	10/16/2025	0
FDEP Storage Tank Contamination Monitoring (STCM)	i	10/16/2025	0
FDEP Strategic Monitoring Plan (SMP) for Waterbodies	i	10/16/2025	0
FDEP Submerged State Land Records (TIITF)	i	10/16/2025	0
FDEP Subsidence Incident Reports for the State of Florida	i	10/16/2025	0
FDEP Superfund/National Priority List (NPL) Waste Cleanup Sites	i	10/16/2025	0
FDEP Surface Water Classification	i	10/16/2025	0
FDEP Surficial Aquifer System FAVA II Response Theme	i	10/16/2025	N/A
FDEP Treaters, Storers, and Disposers of Hazardous Waste	i	10/16/2025	0

Analysis Type		Date Run	Count
FDEP Verified Impaired Florida Waters		10/16/2025	0
FDEP Wastewater Facilities		10/16/2025	0
FDEP Waterbody IDs		10/16/2025	2
FDEP Waters Not Attaining Standards (WNAS)		10/16/2025	2
FDEP Watershed Information Network (WIN) Monitoring Locations		10/16/2025	0
FDEP Wild and Scenic Rivers		10/16/2025	0
FDOH Biomedical Waste		10/16/2025	0
FDOH Known On-Site Domestic Wells		10/16/2025	0
FDOH Known On-Site Septic Systems		10/16/2025	0
FDOH Likely On-Site Domestic Wells		10/16/2025	0
FDOH Likely On-Site Septic Systems		10/16/2025	0
FDOH Limited Use Drinking Water Wells		10/16/2025	0
FDOH Migrant Labor Camps		10/16/2025	0
FDOH Mobile Home and RV Parks		10/16/2025	0
FDOH Super Act Risk Sources		10/16/2025	0
FDOH Super Act Wells		10/16/2025	0
FDOT - Outdoor Advertising		10/16/2025	3
FDOT 5 Year Crash Rates (2014-2018)		10/16/2025	12
FDOT Bus Transit Routes		10/16/2025	19
FDOT Crossing Opportunities at Large Animal Hotspots		10/16/2025	0
FDOT District 5 - Conservation Lands		10/16/2025	0

Analysis Type		Date Run	Count
FDOT Facility Crossings		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	1
FDOT Federal Aviation Administration Obstructions		10/16/2025	0
FDOT Florida Panther Vehicle Collision (PVC) Hot Spots		10/16/2025	0
FDOT Large Animal Vehicle Collisions Hot Spots		10/16/2025	0
FDOT Noise Barriers		10/16/2025	0
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	411
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	284
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	148
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	107
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	87
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	204
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	287
FDOT Park and Ride Parking Lots - FDOT District 5		10/16/2025	0
FDOT Probable Small Animal Upland Hot Spots (Coarse scale)		10/16/2025	0

Analysis Type		Date Run	Count
FDOT Probable Small Animal Upland Hot Spots (Fine scale)		10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Coarse scale)		10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Fine scale)		10/16/2025	0
FDOT RCI Bridges		10/16/2025	1
FDOT RCI Grade Level Railroad Crossings		10/16/2025	1
FDOT RCI Scenic Highways		10/16/2025	0
FDOT Railroad Crossings (RHCI)		10/16/2025	1
FDOT Railroads in the State of Florida		10/16/2025	1
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida		10/16/2025	0
FDOT State Historic Highways		10/16/2025	0
FDOT Urbanized Areas		10/16/2025	1
FDOT Wildlife Crossings		10/16/2025	0
FEMA DFIRM (SFHA) 100 Year Flood Zones		10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain		10/16/2025	N/A
FEMA DFIRM 500 Year Floodplain		10/16/2025	N/A
FEMA DFIRM Panel Areas		10/16/2025	2
FEMA DFIRM Regulatory Floodway		10/16/2025	0
FNAI Bird Rookeries 2018		10/16/2025	0
FNAI CLIP Version 4 Aggregated CLIP Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Aquifer Recharge		10/16/2025	N/A
FNAI CLIP Version 4 Biodiversity Resource Priorities		10/16/2025	N/A

Analysis Type		Date Run	Count
FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands		10/16/2025	N/A
FNAI CLIP Version 4 Landscape Integrity Index		10/16/2025	N/A
FNAI CLIP Version 4 Landscape Resource Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Natural Floodplain		10/16/2025	N/A
FNAI CLIP Version 4 Potential Habitat Richness		10/16/2025	N/A
FNAI CLIP Version 4 Priority Natural Communities		10/16/2025	N/A
FNAI CLIP Version 4 Rare Species Habitat Conservation Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Significant Surface Waters		10/16/2025	N/A
FNAI CLIP Version 4 Strategic Habitat Conservation Areas		10/16/2025	N/A
FNAI CLIP Version 4 Surface Water Resource Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Wetlands		10/16/2025	N/A
FNAI Element Occurrence (Documented or Likely)		10/16/2025	0
FNAI Element Occurrence (Potential)		10/16/2025	2
FNAI Florida Forever Acquisitions		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI Florida Managed Areas		10/16/2025	0
FNAI Geological Features 2018		10/16/2025	0
FNAI Impact on Prescribed Burning		10/16/2025	0
FNAI National Forests		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0

Analysis Type		Date Run	Count
FNAI Threatened or Endangered Species (Documented or Likely)		10/16/2025	0
FNAI Threatened or Endangered Species (Potential)		10/16/2025	0
FWC 2003 Habitat and Landcover GRID		10/16/2025	N/A
FWC Bear Crossing Sign Locations		10/16/2025	0
FWC Bear Fencing Opportunities		10/16/2025	0
FWC Black Bear Range		10/16/2025	1
FWC Black Bear Related Calls		10/16/2025	2
FWC Black Bear Road Mortality		10/16/2025	0
FWC Critical Wildlife Area Boundaries		10/16/2025	0
FWC Dark Sky Lighting Recommended Areas		10/16/2025	0
FWC Florida Cooperative Land Cover Grid - Version 3.8		10/16/2025	N/A
FWC Florida Panther Mortality		10/16/2025	0
FWC Management Areas		10/16/2025	0
FWC Shorebird Breeding Survey 2016		10/16/2025	0
FWC State Imperiled Species in Florida		10/16/2025	10
FWC State Manatee Protection Zones		10/16/2025	0
FWC Watersheds containing Rare and Imperiled Fish		10/16/2025	1
FWC Wildlife Sensitive Conventional Lighting		10/16/2025	0
FWC-FWRI Sea Turtle Strandings (1986 - 2017)		10/16/2025	0
FWRI Boat Ramps		10/16/2025	0
FWRI Environmentally Sensitive Shorelines		10/16/2025	0

Analysis Type		Date Run	Count
FWRI Florida Artificial Reefs		10/16/2025	0
FWRI Gopher Tortoise Relocation Permit Recipient Sites in Florida		10/16/2025	0
FWRI Great Florida Birding Trail Sites		10/16/2025	0
FWRI Imperiled Beach Nesting Bird Breeding Sites		10/16/2025	0
FWRI Imperiled Beach Nesting Bird Critical Brood Rearing Sites		10/16/2025	0
FWRI Imperiled Beach Nesting Bird Critical Roosting Sites		10/16/2025	0
FWRI Mangroves		10/16/2025	0
FWRI Marinas		10/16/2025	0
FWRI Rare and Imperiled Fish in Florida		10/16/2025	0
FWRI Saltwater Marshes		10/16/2025	0
FWRI Sea Turtle Beach Survey		10/16/2025	0
FWRI Seagrass Beds (Showing Continuous/Discontinuous)		10/16/2025	0
FWRI US Coast Guard Aids to Navigation		10/16/2025	0
FWRI Unified Florida Coral Reef Tracts		10/16/2025	0
GEOPLAN 2040, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2040, NOAA2017 Intermediate-High (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2040, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2050, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2050, NOAA2017 Intermediate-High (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2050, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2070, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A

Analysis Type		Date Run	Count
GEOPLAN 2070, NOAA2017 Intermediate-High (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2070, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2100, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2100, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
GEOPLAN Airport Runways (Polygons)		10/16/2025	0
GEOPLAN American Indian Lands and Native Entities In Florida		10/16/2025	0
GEOPLAN Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Cemeteries (Points)		10/16/2025	0
GEOPLAN Cemeteries (Polygons)		10/16/2025	0
GEOPLAN Civic Centers (Points)		10/16/2025	0
GEOPLAN Community Centers (Points)		10/16/2025	0
GEOPLAN Community and Fraternal Center Boundaries		10/16/2025	0
GEOPLAN Correctional Facilities		10/16/2025	0
GEOPLAN Cultural Centers (Polygons)		10/16/2025	0
GEOPLAN Cultural Centers (Points)		10/16/2025	0
GEOPLAN Developments of Regional Impact (DRI)		10/16/2025	0
GEOPLAN Fire Stations (Points)		10/16/2025	0
GEOPLAN Florida Sand Skink and Blue-tailed (Bluetail) Mole Skink Suitability		10/16/2025	0
GEOPLAN Florida Wildlife Corridor Opportunities		10/16/2025	0
GEOPLAN GEOPLAN School Facilities (Private)		10/16/2025	0
GEOPLAN Generalized Agricultural Land Use (Parcel Derived)		10/16/2025	0

Analysis Type		Date Run	Count
GEOPLAN Generalized Land Use		10/16/2025	29
GEOPLAN GeoPlan Future Land Use 2020 - Level 2		10/16/2025	20
GEOPLAN Geocoded Government Buildings		10/16/2025	0
GEOPLAN Geocoded Laser Facilities		10/16/2025	0
GEOPLAN Geocoded Social Service Facilities		10/16/2025	0
GEOPLAN Geocoded Veteran Facilities		10/16/2025	0
GEOPLAN Golf Courses		10/16/2025	0
GEOPLAN Homeowner and Condominium Associations		10/16/2025	0
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN List Year Built (housing stock aged 40 - 44 years)		10/16/2025	4
GEOPLAN List Year Built (housing stock aged 45 - 49 years)		10/16/2025	1
GEOPLAN Local Florida Parks and Recreational Facility Boundaries		10/16/2025	0
GEOPLAN National Historic Preservation Act - Florida Certified Local Governments		10/16/2025	1
GEOPLAN Parks and Recreational Facilities (Points)		10/16/2025	0
GEOPLAN Planned Unit Development		10/16/2025	0
GEOPLAN Prime Farmland in Florida with Associated Level 3 Water Management District Land Use Descriptions		10/16/2025	0
GEOPLAN Religious Centers (Points)		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
GEOPLAN Summary - Year Built (Post 1970)		10/16/2025	17
GEOPLAN Summary - Year Built (Pre 1970)		10/16/2025	13

Analysis Type		Date Run	Count
GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)		10/16/2025	4
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)		10/16/2025	1
GEOPLAN U.S. Military Installations		10/16/2025	0
GEOPLAN Wild and Scenic River Systems Buffered by 220 ft		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0
NMFS Critical Habitat (Designated Species - Lines)		10/16/2025	0
NMFS Critical Habitat (Designated Species)		10/16/2025	0
NMFS Section 7 Consultation Areas		10/16/2025	0
NOAA 7 Feet Sea Level Rise Inundation Depths		10/16/2025	N/A
NOAA Coastal Barrier Resource System		10/16/2025	0
NOAA Coastal Change Analysis Program - 2016		10/16/2025	N/A
NOAA Essential Fish Habitat (EFH)		10/16/2025	0
NOAA FDEM Storm Surge Zones in Florida (10m raster)		10/16/2025	N/A
NOAA Marine Protected Areas		10/16/2025	0
NOAA Ocean Dredged Material Disposal Sites		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0
NPS National Park Projects		10/16/2025	0
NPS National Parks and Seashores		10/16/2025	0
NPS Nationwide Rivers Inventory in Florida		10/16/2025	0
NPS Nationwide Rivers Inventory in Florida (Buffered by 0.25 miles)		10/16/2025	0
NPS Outstanding National Resource Waters		10/16/2025	0

Analysis Type		Date Run	Count
NRCS Hydric Soils (List) - Subset of NRCS Specific Soils Data		10/16/2025	4
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data		10/16/2025	4
NRCS List of Specific Soils - SSURGO		10/16/2025	19
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data		10/16/2025	3
NRCS Summary of Specific Soils - SSURGO		10/16/2025	19
OGT Existing Recreational Trails		10/16/2025	0
OGT Hiking Trails Priorities		10/16/2025	0
OGT Multi-Use Trails Opportunities		10/16/2025	0
OGT Paddling Trails Opportunities		10/16/2025	0
OGT Paddling Trails Priorities		10/16/2025	0
ORNL Electric Power Transmission Lines		10/16/2025	1
ORNL Electric Substations		10/16/2025	0
SFWMD Arc Hydro Enhanced Database (AHED) Watersheds		10/16/2025	1
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0
SFWMD North/South Everglades and NEEPP Boundaries		10/16/2025	1
SFWMD Rule 40E-2 Consumptive Use Canals		10/16/2025	0
SFWMD Rule 40E-4 Cumulative Impact Basins		10/16/2025	1
SFWMD Surface Water Projects		10/16/2025	0
SJRWMD Mitigation Banks		10/16/2025	0
SJRWMD Mitigation Basins		10/16/2025	1
SJRWMD Spring Capture Zones (Springsheds)		10/16/2025	1

Analysis Type		Date Run	Count
SJRWMD Springs and Seeps 2007		10/16/2025	0
SRWMD Springs Locations		10/16/2025	0
SRWMD USGS Springs		10/16/2025	0
SWFWMD Environmental Resource Permit Project Activity Areas		10/16/2025	0
SWFWMD Recharge Areas of the Floridan Aquifer		10/16/2025	1
SWFWMD Sensitive Karst Areas in the SWFWMD		10/16/2025	0
SWFWMD Storm Water Management Permit Points		10/16/2025	0
SWFWMD Water Use Permit Boundaries		10/16/2025	0
SWFWMD Well Construction Permit Locations		10/16/2025	0
SWFWMD Works of the District		10/16/2025	0
Short-Tailed Hawk and Swallow-Tailed Kite Nests		10/16/2025	0
Signal 4 Fatal Crashes (2017)		10/16/2025	0
Signal 4 Fatal Crashes (2018-2020)		10/16/2025	5
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	2
Signal 4 Fatal Crashes (2023)		10/16/2025	0
Signal 4 Fatal Crashes (2024)		10/16/2025	0
Signal 4 Non-Fatal Crashes (2017)		10/16/2025	292
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	898
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	249
Signal 4 Non-Fatal Crashes (2022)		10/16/2025	260

Analysis Type		Date Run	Count
Signal 4 Non-Fatal Crashes (2023)	i	10/16/2025	242
Signal 4 Non-Fatal Crashes (2024)	i	10/16/2025	201
TNC Managed Burn Zones (Lake Wales Ridge)	i	10/16/2025	0
UCFSPICE Florida Panther Least-Cost Corridor within South-Central Florida	i	10/16/2025	0
UCFSPICE Florida Panther Least-Cost Path within South-Central Florida	i	10/16/2025	0
UFCLCP Florida Ecological Greenways Network	i	10/16/2025	N/A
UFCLCP Wildlife Corridors in Florida	i	10/16/2025	0
USACE Major Dams	i	10/16/2025	0
USACE Mitigation Bank and In-Lieu Fee Program Sites	i	10/16/2025	0
USCB 2000 Census Block Data	i	10/16/2025	40
USCB 2000 Census Data Block Groups - Housing	i	10/16/2025	7
USCB 2000 Census Data Block Groups - Income	i	10/16/2025	7
USCB 2000 Census Data Block Groups - Language	i	10/16/2025	7
USCB 2000 Census Data Block Groups - Percentages	i	10/16/2025	7
USCB 2000 Census Data Block Groups - Population Densities	i	10/16/2025	7
USCB 2000 Census Data Block Groups - Population Totals	i	10/16/2025	7
USCB 2000 Census Data Block Groups - Transportation	i	10/16/2025	7
USCB 2000 US Census Block Data - Minority Population greater than 40%	i	10/16/2025	12
USCB 2010 Census County Demographics	i	10/16/2025	1
USCB 2010 Census Data Block Groups - Housing	i	10/16/2025	7
USCB 2010 Census Data Block Groups - Income	i	10/16/2025	7

Analysis Type		Date Run	Count
USCB 2010 Census Data Block Groups - Language		10/16/2025	7
USCB 2010 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2010 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2010 Census Data Block Groups - Population Totals		10/16/2025	7
USCB 2010 Census Data Block Groups - Race and Ethnicity		10/16/2025	7
USCB 2010 Census Data Block Groups - Transportation		10/16/2025	7
USCB 2010 Census Designated Places		10/16/2025	1
USCB 2010 US Census Block Data		10/16/2025	42
USCB 2010 US Census Block Data - Minority Population greater than 40%		10/16/2025	11
USCB 2020 Census Data Block Groups - Housing		10/16/2025	7
USCB 2020 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2020 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2020 Census Data Block Groups - Population Totals		10/16/2025	7
USCB 2020 Census Data Block Groups - Race and Ethnicity		10/16/2025	7
USCB 2020 Census Urban Areas		10/16/2025	1
USCB 2020 US Census Block Data		10/16/2025	53
USCB 2020 US Census Block Data - Minority Population greater than 40%		10/16/2025	15
USCB 2023 American Community Survey Block Group Data - Geographic Mobility		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Household Language		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Housing		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Income		10/16/2025	7

Analysis Type		Date Run	Count
USCB 2023 American Community Survey Block Group Data - Internet Access	i	10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Language	i	10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Percentages	i	10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Population Densities	i	10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Population Totals	i	10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Race and Ethnicity	i	10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Transportation	i	10/16/2025	7
USCB County Demographics - 2000 Census	i	10/16/2025	1
USDOT Potential Navigable Waterways	i	10/16/2025	0
USEIA Natural Gas Pipelines	i	10/16/2025	0
USEPA Assessment Cleanup and Redevelopment Exchange System (ACRES)	i	10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)	i	10/16/2025	17
USEPA Power Plants	i	10/16/2025	0
USEPA Regulated Air Emissions Facilities (ICIS-AIR)	i	10/16/2025	0
USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities	i	10/16/2025	12
USEPA Sole Source Aquifers	i	10/16/2025	0
USEPA Superfund Hazardous Waste Sites	i	10/16/2025	0
USEPA Toxic Release Inventory Sites	i	10/16/2025	0
USEPA US EPA ATTAINS: CWA Sections 303(d) and 305(b) Surface Water Quality Assessment Areas	i	10/16/2025	2
USEPA Water Quality Data Monitoring Stations	i	10/16/2025	0
USFS Florida National Scenic Trail	i	10/16/2025	0

Analysis Type		Date Run	Count
USFS National Wild and Scenic River Active Study Rivers		10/16/2025	0
USFWS Atlantic Coast Plants Consultation Area		10/16/2025	0
USFWS Atlantic Salt Marsh Snake Consultation Area		10/16/2025	0
USFWS Audubon's Crested Caracara Occurrences in Florida (1992-2009)		10/16/2025	0
USFWS Bluetail Mole Skink Consultation Area		10/16/2025	0
USFWS Cape Sable Seaside Sparrow Historic Range		10/16/2025	0
USFWS Caracara Consultation Area		10/16/2025	0
USFWS Caracara Non Breeders Communal Roosts and Gathering Areas		10/16/2025	0
USFWS Critical Habitat (Designated Species - Lines)		10/16/2025	0
USFWS Critical Habitat (Designated Species)		10/16/2025	0
USFWS Crocodile Consultation Area		10/16/2025	0
USFWS Florida Bonneted Bat Consultation Area		10/16/2025	0
USFWS Florida Grasshopper Sparrow Consultation Area		10/16/2025	0
USFWS Lake Wales Ridge Plants Consultation Area		10/16/2025	1
USFWS Manatee Consultation Area		10/16/2025	0
USFWS National Wetlands Inventory Areas		10/16/2025	4
USFWS National Wildlife Refuges		10/16/2025	0
USFWS Okeechobee Gourd Consultation Area		10/16/2025	0
USFWS Panther Consultation Area		10/16/2025	0
USFWS Piping Plover Consultation Area		10/16/2025	0
USFWS Red Cockaded Woodpecker Consultation Area		10/16/2025	0

Analysis Type		Date Run	Count
USFWS Sand Skink Consultation Area (Neoseps reynoldsi)	i	10/16/2025	0
USFWS Scrub Jay Consultation Area	i	10/16/2025	1
USFWS Scrub Jay Service Area	i	10/16/2025	0
USFWS Snail Kite Consultation Area	i	10/16/2025	1
USFWS Snail Kite Priority Management Zones	i	10/16/2025	0
USFWS Species Range	i	10/16/2025	12
USFWS Wildlife Permeability Along Interstate 4 (PRIT)	i	10/16/2025	0
USFWS Wood Stork Nesting Colonies (Buffered by 2500 Feet)	i	10/16/2025	0
USFWS Woodstork Core Foraging Areas	i	10/16/2025	1
USFWS Woodstork Nests	i	10/16/2025	0
USGS Geologic Units and Structural Features	i	10/16/2025	1
USGS Highest Priority eBird Occurrence Locations in Florida (2000-2016)	i	10/16/2025	0
USGS Principal Aquifers of the State of Florida	i	10/16/2025	1
USGS Township Range Section	i	10/16/2025	4
WMD Agricultural Lands (FLUCCS Level 3)	i	10/16/2025	0
WMD FL Land Use and Land Cover (FLUCCS Level 3)	i	10/16/2025	22
WMD Industrial Areas (FLUCCS Level 3)	i	10/16/2025	2
WMD Residential Areas (FLUCCS Level 3)	i	10/16/2025	1
WMD Water Management District Boundaries	i	10/16/2025	2
WMD Water Management District Owned Lands	i	10/16/2025	0
WMD Wetlands (FLUCCS Level 3)	i	10/16/2025	3

BAR Florida Site File Areas with No Field Survey Project Boundary Present

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_no_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
NO FIELD SURVEY PRESENT	12.29	19.29%
Totals	12.29	-

BAR Florida Site File Field Survey Project Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE EXISTING JOHN YOUNG CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10430.0
CULTURAL RESOURCE ASSESSMENT SURVEY FOR THE RAILROAD CROSSING IMPROVEMENTS AT SILVER METEOR DRIVE AND HANSROB ROAD, ORANGE COUNTY, FLORIDA	2022	28311.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF THE JOHN YOUNG PARKWAY EXTENSION, ORANGE COUNTY, FLORIDA	1999	5674.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED MULTILANING OF SR 423/JOHN YOUNG PARKWAY FROM CHURCH STREET TO TECHNOLOGY DRIVE IN ORANGE COUNTY	1989	1986.0
REVISED TECHNICAL MEMORANDUM NO. 5 CULTURAL RESOURCES EFFECTS EVALUATION FOR THE CITY OF ORLANDO SIDEWALKS PROJECT WORK ZONES 2, 3, 4, 5, 6, 7, 10, 18, AND 21, ORANGE COUNTY, FLORIDA	2013	19585.0

Summary: 84.38 acres, 100 percent of analysis area.

BAR Florida Site File Resource Groups

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_res_groups.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Site ID	Site Name	Resource Group Type	Time Period of Significance	Time Period of Significance	SHPO Evaluation
OR11815	SEABOARD COAST LINE RAILROAD SPUR	LINEAR RESOURCE			INSUFFICIENT INFORMATION
OR11820	2534 HANSROB ROAD RESOURCE GROUP	FMSF BUILDING COMPLEX			INELIGIBLE FOR NRHP

Summary: 0.33 acres, 0.5 percent of analysis area.

BTS (FRA) Railroad Crossings

Metadata: https://etdmpub.fl-a-etat.org/meta/rail_xing.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FRA Crossing Inventory

<http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Crossing/Report.aspx?phasetype=C&rpttype=I&txtcrossingnum=622370W>

Summary: 1 feature(s) found within buffer.

BTS National Bridge Inventory

Metadata: https://etdmpub.fl-a-etat.org/meta/bts_bridge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Google Map
JOHN YOUNG PKWY [SR-408 - SR-408 - JOHN YOUNG PKWY]	https://www.google.com/maps/place/17RMM5952357371

Summary: 1 feature(s) found within buffer.

FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/adopted_tmdls.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Status	Name and Waterbody ID	TMDL Parameter
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	DISSOLVED OXYGEN AND NUTRIENT
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	BACTERIA

Summary: 95.04 acres, 100 percent of analysis area.

FDEP Basin Management Action Plans (BMAP) Areas in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/bmap_area.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIVA RIVER	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIWA SPRING AND ROCK SPRINGS	SPRING BMAP	ADOPTED BMAPS

Summary: 72.43 acres, 100 percent of analysis area.

FDEP Brownfield Location Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/brownfields_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Area Name	Area of Interest	
	Acr	Pct
ORLANDO-SUNTERRA AREA	0.08	0.13%
DEEDS ORLANDO EXPANDED	22.62	35.51%
Totals	22.7	-

FDEP Cumulative Impact Basins from Water Management Districts

Metadata: https://etdmpub.fl-a-etat.org/meta/wmd_ci_basins.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Water Management District (Cumulative Impact Basin Name)	Area of Interest	
	Acr	Pct
SFWMD (SHINGLE CREEK)	16.21	25.45%
SJRWMD (WEKIVA RIVER NESTED)	47.49	74.55%
Totals	63.71	-

FDEP DRASTIC Coverage for the Floridan Aquifer System

Metadata: <https://etdmpub.fl-a-etat.org/meta/aqdrfl.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
129	37.39	58.7%
134	26.31	41.3%
Totals	63.7	-

FDEP DRASTIC Coverage for the Surficial Aquifer System

Metadata: <https://etdmpub.fl-a-etat.org/meta/aqdrsu.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
172	63.7	100%
Totals	63.7	-

FDEP Environmental Geology

Metadata: <https://etdmpub.fl-a-etat.org/meta/fdepgeo.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
CLAYEY SAND	63.7	100%
Totals	63.7	-

FDEP Floridan Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_fas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	64.72	100.0%
Totals	64.72	-

FDEP HUC 12 Subwatershed Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/nhdwbd_huc12.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

HUC12 ID	Name
030801011403	LAKE FAIRVIEW
030901010301	BIG SAND LAKE

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Hazardous Waste Facilities

Metadata: <https://etdmpub.fl-a-etat.org/meta/chaz.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

EPA ID	Site ID	Name	Google Map
FLD010504611	60235.0	MCCULLY CONSTRUCTION CO	https://www.google.com/maps/place/17RMM5935259716
FLD982151565	38643.0	AMERICAN SUNROOF OF FLORIDA INC	https://www.google.com/maps/place/17RMM5951157645
FLD984196915	57893.0	MASSEY CADILLAC INC	https://www.google.com/maps/place/17RMM5951257647

Summary: 3 feature(s) found within buffer.

FDEP Intermediate Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_ias_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.6	100.0%
Totals	63.6	-

FDEP Mitigation Bank Service Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/mgbank_servarea.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
BLACKWATER CREEK	SJRWMD	4-069-92314-1
BULLFROG BAY	SFWMD	53-00004-M
COLLANY	SFWMD	53-00005-M
FLORIDA	DEP	138562
HATCHINEHA RANCH	SFWMD	53-00003-M
QUICKDRAW	SFWMD	49-00003-M
SHINGLE CREEK	SFWMD	49-01937-M
SOUTHPORT RANCH	SFWMD	49-00002-M
SPLIT OAK FOREST	SFWMD	48-00002-M
TWIN OAKS	SFWMD	49-00007-M
WEKIVA RIVER	DEP	234803-013

Summary: 243.54 acres, 100 percent of analysis area.

FDEP NPDES Stormwater Permits

Metadata: https://etdmpub.fl-a-etat.org/meta/npdes_stormwater.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORANGE COUNTY [FLS000011]	FLS000011
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Restoration Area Plans and Non-BMAP TMDL Implementation

Metadata: https://etdmpub.fl-a-etat.org/meta/non_bmap_tmdl_ra.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID	Area of Interest	
	Acr	Pct
LITTLE WEKIVA CANAL [WBID: 3004]	47.52	74.6%
Totals	47.52	-

FDEP Springs Priority Focus Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/springs_prio_fa.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WEKIWA-ROCK	5.21	8.18%
Totals	5.21	-

FDEP Surficial Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_sas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	1.78	2.82%
MORE VULNERABLE	3.78	5.99%
MOST VULNERABLE	57.6	91.2%
Totals	63.16	-

FDEP Waterbody IDs

Metadata: <https://etdmpub.fl-a-etat.org/meta/wbids.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
LITTLE WEKIVA CANAL [WBID: 3004]
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Waters Not Attaining Standards (WNAS)

Metadata: https://etdmpub.fl-a-etat.org/meta/waters_not_stnd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name (WBID)	Area of Interest	
	Acr	Pct
LITTLE WEKIVA CANAL [WBID: 3004]	47.52	74.6%
SHINGLE CREEK HEADWATERS [WBID: 3169G1]	16.18	25.4%
Totals	63.7	-

FDOT - Outdoor Advertising

Metadata: https://etdmpub.fl-a-etat.org/meta/fl_billboards.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Account Name	Location	Google Map
CLEAR CHANNEL - ORLANDO	COLONIAL DR	https://www.google.com/maps/place/17RMM5954358628
OUTFRONT MEDIA LLC	EAST-WEST EXPRESSWAY	https://www.google.com/maps/place/17RMM5951157503
OUTFRONT MEDIA LLC	EAST-WEST EXPRESSWAY	https://www.google.com/maps/place/17RMM5951157503

Summary: 3 feature(s) found within buffer.

FDOT 5 Year Crash Rates (2014-2018)

FDOT 5 Year Crash Rates (Safety ratio greater than 1)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_counts_2018.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
97.5	SR423	75190000	1.20017745
97.5	SR423	75190000	1.25310952
99.99	SR408	75008000	1.6306613
99.99	SR416	75250000	4.75285539
99.99	SR423	75190000	1.64694113
99.99	SR423	75190000	2.41946822
99.99	SR50	75050000	2.36893707
99.99	SR423	75190001	2.60580263
99.99	SR423	75190000	4.2886644
99.99	SR423	75190000	6.97073185
99.99	SR438	75251000	3.81669202
99.99	SR423	75190001	1.4799947

Summary: 9648.68 linear feet within buffer.

FDOT Bus Transit Routes

Metadata: <https://etdmpub.fl-a-etat.org/meta/trrts.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bus Route	0 Ft.
ROUTE 105 - W. COLONIAL DR/WINTER GARDEN	381.0
ROUTE 125 - SILVER STAR RD	2571.26
ROUTE 20 - MALIBU STREET/MERCY DR.	1461.89
ROUTE 25 - MERCY DR/SHADER RD	9919.12
ROUTE 303 - DISNEY DIRECT/WASHINGTON SHORES	4467.02
ROUTE 48 - W. COLONIAL DR/POWERS DRIVE	223.99
ROUTE 49 - W. COLONIAL DR/PINE HILLS RD	223.99
ROUTE 54 - OLD WINTER GARDEN RD	236.78

FDOT Facility Crossings

Metadata: <https://etdmpub.fl-a-etat.org/meta/faccross.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	
JOHN YOUNG PKWY	
SR 408	

Summary: 318.24 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2005	1
2007	1

FDOT Fatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2008	1
2009	1

FDOT Fatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2011	2

FDOT Fatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2012	1

FDOT Fatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	2

FDOT Fatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2014	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	145
2006	128
2007	138

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	144
2009	140

FDOT Nonfatal Crashes on SHS Roadways (2010)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	148

FDOT Nonfatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	107

FDOT Nonfatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	87

FDOT Nonfatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	204

FDOT Nonfatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	287

FDOT RCI Bridges

Metadata: <https://etdmpub.fl-a-etat.org/meta/bridges.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bridge Number
750235

Summary: 196.5 linear feet within buffer.

FDOT RCI Grade Level Railroad Crossings

Metadata: https://etdmpub.fl-a-etat.org/meta/rci_rail_xing.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crossing Number
622370W

Summary: 1 feature(s) found within buffer.

FDOT Railroad Crossings (RHCI)

Metadata: https://etdmpub.fl-a-etat.org/meta/fro_rhci.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DOT Crossing Inventory Number	Position of Crossing	Purpose of Crossing	Latitude	Longitude	Google Map
622370W	AT GRADE	HIGHWAY VEHICLE	28.58001896	-81.41653116	https://www.google.com/maps/place/17RMM5926661527

Summary: 1 feature(s) found within buffer.

FDOT Railroads in the State of Florida

FDOT Railroads in the State of Florida, measured in linear feet.

Metadata: https://etdmpub.fl-a-etat.org/meta/fro_rails.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	0 Ft.
SPUR	171.64

FDOT Urbanized Areas

FDOT Urban Exclusion Area

Metadata: <https://etdmpub.fl-a-etat.org/meta/urban.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
ORLANDO

Summary: 63.7 acres, 100 percent of analysis area.

FEMA DFIRM (SFHA) 100 Year Flood Zones

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100_floodzones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
AE	4.42	6.91%
Totals	64	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM 500 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_500.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	59.58	93.09%
500 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM Panel Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_panel.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0235F	2009-09-25 00:00:00
12095C0245F	2009-09-25 00:00:00

Summary: 63.7 acres, 100 percent of analysis area.

FNAI CLIP Version 4 Aggregated CLIP Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_prio.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.49	98.6%
PRIORITY 5	0.83	1.32%
PRIORITY 4	0.06	0.09%
Totals	63.38	-

FNAI CLIP Version 4 Aquifer Recharge

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_recharge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	7.73	12.19%
PRIORITY 4	41.53	65.53%
PRIORITY 5	14.12	22.28%
Totals	63.38	-

FNAI CLIP Version 4 Biodiversity Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_bidivrp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	99.91%
PRIORITY 4	0.06	0.09%
Totals	63.38	-

FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_private_p1p2.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	100.0%
Totals	63.33	-

FNAI CLIP Version 4 Landscape Integrity Index

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_lsinteg.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1 - LOWEST INTEGRITY	6.45	9.93%
2	47.59	73.29%
3	9.12	14.04%
4	1.78	2.74%
Totals	64.94	-

FNAI CLIP Version 4 Landscape Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_lndscrp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

FNAI CLIP Version 4 Natural Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_fldpln.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.27	99.82%
PRIORITY 6	0.11	0.18%
Totals	63.38	-

FNAI CLIP Version 4 Potential Habitat Richness

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_phrich.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.22	99.74%
2-4 SPECIES	0.06	0.09%
1 SPECIES	0.11	0.18%
Totals	63.38	-

FNAI CLIP Version 4 Priority Natural Communities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_natcom.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

FNAI CLIP Version 4 Rare Species Habitat Conservation Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_fnaihab.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	99.91%
PRIORITY 6	0.06	0.09%
Totals	63.38	-

FNAI CLIP Version 4 Significant Surface Waters

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_surfwtr.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 6	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Strategic Habitat Conservation Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_shca.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	57.93	91.4%
PRIORITY 5	5.45	8.6%
Totals	63.38	-

FNAI CLIP Version 4 Surface Water Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_srfwtrrp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 5	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Wetlands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_wetland.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

FNAI Element Occurrence (Potential)

Metadata: https://etdmpub.fl-a-etat.org/meta/fleo_poly.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Common Name	Area of Interest	
	Acr	Pct
BROAD CERCUS SCRUB GRASSHOPPER	47.15	74.02%
FLORIDA BLACK BEAR	63.7	100%
Totals	110.85	-

FWC 2003 Habitat and Landcover GRID

Metadata: https://etdmpub.fl-a-etat.org/meta/gfchab_2003.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DRY PRAIRIES	0.67	1.03%
MIXED HARDWOOD-PINE FORESTS	1.78	2.76%
PINELANDS	0.67	1.03%
FRESHWATER MARSH AND WET PRAIRIE	0.44	0.69%
SHRUB SWAMP	2.67	4.14%
CYPRESS SWAMP	1.11	1.72%
MIXED WETLAND FOREST	1.11	1.72%
HARDWOOD SWAMP	1.56	2.41%
ROW - FIELD CROPS	0.22	0.34%
HIGH IMPACT URBAN	52.04	80.69%
LOW IMPACT URBAN	2.22	3.45%
Totals	64.49	-

FWC Black Bear Range

Metadata: https://etdmpub.fl-a-etat.org/meta/bear_range.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 63.7 acres, 100 percent of analysis area.

FWC Black Bear Related Calls

Metadata: https://etdmpub.fl-a-etat.org/meta/black_bear_related_calls.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Report Type
IN AREA
IN TREE

Summary: 2 feature(s) found within buffer.

FWC Florida Cooperative Land Cover Grid - Version 3.8

Metadata: https://etdmpub.fl-a-etat.org/meta/clc_v3_8_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1110 - UPLAND HARDWOOD FOREST	0.25	0.39%
1400 - MIXED HARDWOOD-CONIFEROUS	0.67	1.05%
1822 - HIGH INTENSITY URBAN	3.66	5.73%
1840 - TRANSPORTATION	59.16	92.75%
1870 - EXTRACTIVE	0.05	0.08%
Totals	63.78	-

FWC State Imperiled Species in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/state_imperiled_species.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	63.7	100%
ROSEATE SPOONBILL (THREATENED)	63.7	100%
TRICOLORED HERON (THREATENED)	63.7	100%
BLUENOSE SHINER (THREATENED)	48.22	75.7%
BURROWING OWL (THREATENED)	63.7	100%
FLORIDA PINE SNAKE (THREATENED)	63.7	100%
FLORIDA SANDHILL CRANE (THREATENED)	63.7	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	63.7	100%
SHORT-TAILED SNAKE (THREATENED)	63.7	100%
GOPHER TORTOISE (THREATENED)	63.7	100%
Totals	621.54	-

FWC Watersheds containing Rare and Imperiled Fish

Metadata: <https://etdmpub.fl-a-etat.org/meta/rarimpwaters.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Watershed Name	Common Name
BIG SAND LAKE	IRONCOLOR SHINER

Summary: 15.99 acres, 25.1 percent of analysis area.

GEOPLAN 2040, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2040_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2040, NOAA2017 Intermediate-High (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n4_2040_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2040, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2040_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2050, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2050_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2050, NOAA2017 Intermediate-High (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n4_2050_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2050, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2050_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2070, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2070_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2070, NOAA2017 Intermediate-High (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n4_2070_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2070, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2070_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2100, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2100_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2100, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2100_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN Generalized Land Use

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_gen.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
INDUSTRIAL	0.72	1.13%
INSTITUTIONAL	0.5	0.78%
PUBLIC/SEMI-PUBLIC	0.08	0.13%
ROW	0.01	0.02%
RESIDENTIAL	0.22	0.34%
RETAIL/OFFICE	1.08	1.69%
VACANT NONRESIDENTIAL	0.09	0.15%
Totals	2.69	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.flu-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

GEOPLAN List Year Built (housing stock aged 40 - 44 years)

Metadata: https://etdmpub.flu-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Acres	Google Map
1979	63.7	https://www.google.com/maps/place/17RMM5947557569
1980	63.7	https://www.google.com/maps/place/17RMM5959658672
1980	63.7	https://www.google.com/maps/place/17RMM5961657429
1982	63.7	https://www.google.com/maps/place/17RMM5948657718

Summary: 0.35 acres, 0.6 percent of analysis area.

GEOPLAN List Year Built (housing stock aged 45 - 49 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Acres	Google Map
1976	63.7	https://www.google.com/maps/place/17RMM5941657247

Summary: 0.0 acres, 0.0 percent of analysis area.

GEOPLAN National Historic Preservation Act - Florida Certified Local Governments

Metadata: <https://etdmpub.fl-a-etat.org/meta/clgbnd.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FCLG	Contact Name
CITY OF ORLANDO	HEATHER BONDS

Summary: 52.17 acres, 81.9 percent of analysis area.

GEOPLAN Summary - Year Built (Post 1970)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_decades.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1970 - 1979	0.24	0.38%
1980 - 1989	0.61	0.95%
1990 - 1999	0.11	0.17%
2000 - 2009	0.53	0.84%
2010 - 2019	0.05	0.08%
2020 - 2029	0.01	0.02%
Totals	1.56	-

GEOPLAN Summary - Year Built (Pre 1970)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_decades.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1940 - 1949	0.01	0.02%
1950 - 1959	0.19	0.3%
1960 - 1969	0.88	1.39%
Totals	1.07	-

GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Area of Interest	
	Acr	Pct
1982	0.01	0.02%
1979	0.17	0.27%
1980	0.17	0.27%
Totals	0.35	-

GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Area of Interest	
	Acr	Pct
1976	0	0.0%
Totals	0	-

NOAA 7 Feet Sea Level Rise Inundation Depths

Metadata: https://etdmpub.fl-a-etat.org/meta/noaa_slr_7ft_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.71	100.0%
Totals	63.71	-

NOAA Coastal Change Analysis Program - 2016

Metadata: https://etdmpub.fl-a-etat.org/meta/ccap_2016.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DEVELOPED - HIGH INTENSITY	10.01	15.96%
DEVELOPED - MEDIUM INTENSITY	27.13	43.26%
DEVELOPED - LOW INTENSITY	23.13	36.88%
DEVELOPED - OPEN SPACE	0.67	1.06%
EVERGREEN FOREST	0.22	0.35%
SCRUB/SHRUB	0.67	1.06%
PALUSTRINE FORESTED WETLAND	0.44	0.71%
PALUSTRINE SCRUB/SHRUB WETLAND	0.22	0.35%
PALUSTRINE EMERGENT WETLAND	0.22	0.35%
Totals	62.72	-

NOAA FDEM Storm Surge Zones in Florida (10m raster)

Metadata: https://etdmpub.fl-a-etat.org/meta/ss_zones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
Outside Storm Surge Zone	63.93	100.0%
Totals	63.93	-

NRCS Hydric Soils (List) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Soil Drainage Class	Mapunit Kind	Hydrologic Group
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	VERY POORLY DRAINED	ASSOCIATION	A/D

Summary: 12.05 acres, 18.9 percent of analysis area.

NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
Totals	12.05	-

NRCS List of Specific Soils - SSURGO
NRCS List of Specific Soils characteristics

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
3102925	SMYRNA	45	SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	14670	NO	POORLY DRAINED	COMPLEX
323139	ONA	85	ONA FINE SAND, 0 TO 2 PERCENT SLOPES	5187	NO	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	YES	VERY POORLY DRAINED	ASSOCIATION
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323166	URBAN LAND	85	URBAN LAND, 0 TO 2 PERCENT	10864	UNRANKED	None	CONSOCIATION

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
323166	URBAN LAND	85	SLOPES URBAN LAND, 0 TO 2 PERCENT SLOPES	10864	UNRANKED	None	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323168	WABASSO	57	WABASSO-URBAN LAND COMPLEX	3514	NO	POORLY DRAINED	COMPLEX
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION

Summary: 63.7 acres, 100 percent of analysis area.

NRCS Prime Farm Land - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Farmland Classification	Area of Interest	
	Acr	Pct
FARMLAND OF UNIQUE IMPORTANCE	4.74	7.45%
Totals	4.74	-

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

ORNL Electric Power Transmission Lines

Metadata: <https://etdmpub.fl-a-etat.org/meta/powerlines.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Owner
POWER TRANSMISSION LINE (VOLTAGE: 100-161)	NOT AVAILABLE

Summary: 178.59 linear feet within buffer.

SFWMD Arc Hydro Enhanced Database (AHED) Watersheds

Metadata: https://etdmpub.fl-a-etat.org/meta/sfwmd_watershed.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Watershed name	Area of Interest	
	Acr	Pct
SHINGLE CREEK	15.99	25.1%
Totals	15.99	-

SFWMD North/South Everglades and NEEPP Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/neepp_bnd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name (Type)	Area of Interest	
	Acr	Pct
SHINGLE CREEK [NEEPP LO DRAINAGE BASIN] / UPPER KISSIMMEE SUBWATERSHED (S-65) [LOPP DRAINAGE BASIN]	15.98	25.09%
Totals	15.98	-

SFWMD Rule 40E-4 Cumulative Impact Basins

Metadata: https://etdmpub.fl-a-etat.org/meta/sfwmd_40e4_basins.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Rule 40E-4 Cumulative Impact Basins	Area of Interest	
	Acr	Pct
SHINGLE CREEK	16.2	25.43%
Totals	16.2	-

SJRWMD Mitigation Basins

Metadata: https://etdmpub.fl-a-etat.org/meta/mitigation_basin_sjrwmd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
WEKIVA RIVER NESTED	47.49	74.55%
Totals	47.49	-

SJRWMD Spring Capture Zones (Springsheds)

Metadata: https://etdmpub.fl-a-etat.org/meta/sjrwmd_springsheds.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Springshed Name	Area of Interest	
	Acr	Pct
WEKIVA: REFINEMENT	14.71	23.09%
Totals	14.71	-

SWFWMD Recharge Areas of the Floridan Aquifer

Metadata: <https://etdmpub.fl-a-etat.org/meta/rcharg.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	63.7	100%
Totals	63.7	-

Signal 4 Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	3
2019	2

Signal 4 Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	1

Signal 4 Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	2

Signal 4 Non-Fatal Crashes (2017)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2017.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	292

Signal 4 Non-Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	330
2019	320
2020	248

Signal 4 Non-Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	249

Signal 4 Non-Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	260

Signal 4 Non-Fatal Crashes (2023)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	242

Signal 4 Non-Fatal Crashes (2024)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2024.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	201

UFCLCP Florida Ecological Greenways Network

Metadata: <https://etdmpub.fl-a-etat.org/meta/fegn.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	64.27	100.0%
Totals	64.27	-

USCB 2000 Census Block Data

USCB 2000 US Census Bureau data by block. Detailed information is for each of the entire blocks that intersect an analysis area.

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2000 Population	# White
120950107011004	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950107011005	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950107011014	0	2	2.33	0	161	0	15	139	163	55.0	0	324	316
120950107011036	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950117011000	0	0	1.83	11	7	0	2	6	4	43.5	0	11	0
120950117011015	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950117021017	0	0	4.0	8	5	0	0	2	3	25.5	0	8	0
120950118003001	0	0	3.14	109	67	0	9	43	68	37.5	7	135	16
120950118003015	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950118003016	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950118003017	0	0	4.0	17	12	0	0	5	8	16.5	0	20	3
120950118003018	0	0	2.27	52	33	0	2	26	26	42.5	0	59	7

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2000 Population	# White
120950119011000	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011010	0	0	2.0	2	1	0	0	2	3	38.0	0	4	2
120950119011011	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011026	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011027	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011043	2	0	3.1	13	18	0	8	10	20	37.5	0	38	13
120950119011044	0	0	3.22	11	15	0	4	9	14	30.5	0	29	16
120950119021000	1	0	1.33	60	55	0	9	3	96	46.9	2	151	87
120950119021008	0	0	3.0	6	4	0	0	2	2	44.5	0	6	0
120950119021009	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021012	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021013	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021016	0	0	4.0	4	3	0	0	1	1	37.5	0	4	0
120950119021017	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021018	0	0	1.75	3	6	0	4	8	8	42.0	0	14	11
120950124031015	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
1209501240	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2000 Population	# White
31016													
120950124031024	0	0	3.0	0	4	0	0	2	2	20.5	0	6	6
120950124031025	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031026	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031027	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031028	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031033	1	0	1.85	6	36	0	3	46	52	40.6	0	88	76
120950124031051	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031052	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031053	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031054	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031055	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
Totals:	4	2	N/A	302	427	0	56	304	470	N/A	9	897	553

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950107011	426	411	15	922
120950117011	571	540	31	1568
120950117021	935	856	79	2370
120950118003	272	244	28	757
120950119011	895	814	81	2031
120950119021	139	133	6	510
120950124031	1889	1780	109	5101
Totals:	5,127	4,778	349	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income in 1999	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950107011	107306	41.98813056	6	0	0.65075922	922
120950117011	26250	11.4533205	365	51	25.0	1568
120950117021	18797	2.50569476	1021	35	43.17124736	2370
120950118003	50234	6.6098081	59	8	8.03814714	757
120950119011	19671	4.34397163	875	125	43.59740907	2031
120950119021	31630	1.02564103	143	0	28.03921569	510
120950124031	40243	11.64072633	781	68	15.40737818	5101
Totals:	N/A	N/A	3,250	287	N/A	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English "Not At All"	Density of People Per Acre That Speak English "Not Well"	% That Speak English "Not At All"	% That Speak English "Not Well"	Speak English "Not at All"	Speak English "Not Well"	Total Population
120950107011	0.0	0.00628566	0.0	0.6795017	0	6	922
120950117011	0.0	0.0	0.0	0.0	0	0	1568
120950117021	0.20813408	1.03075924	1.97833255	9.79745643	42	208	2370
120950118003	0.0	0.01975527	0.0	0.71326676	0	5	757
120950119011	0.01348102	0.08762664	0.74113287	4.81736368	14	91	2031
120950119021	0.0	0.04275227	0.0	2.86885246	0	14	510
120950124031	0.0143154	0.14017164	0.50901379	4.98409332	24	235	5101
Totals:	N/A	N/A	N/A	N/A	80	559	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race	% People(Age 16- 64) with a Disability
120950107011	0.0	0.0	0.0	6.29067245	0.0	2.7180068
120950117011	0.76530612	1.2755102	97.19387755	0.0	0.0	14.68373494
120950117021	0.0	0.0	89.62025316	4.21940928	2.15189873	31.41780499
120950118003	0.0	0.0	71.07001321	12.41743725	3.5667107	15.2639087
120950119011	0.0	0.59084195	79.27129493	10.09354998	3.64352536	17.57543674
120950119021	1.37254902	0.0	63.92156863	0.0	0.0	22.33606557
120950124031	0.21564399	3.43069986	43.26602627	12.19368751	6.99862772	23.03287381

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre	Density of People Per Acre (Age 16-64) with a Disability
120950107011	0.0	0.0	0.0	0.06076142	0.0	0.02514266
120950117011	0.04391294	0.07318823	5.57694278	0.0	0.0	0.7135852
120950117021	0.0	0.0	10.52563766	0.49555733	0.25273424	3.30536738
120950118003	0.0	0.0	2.12566723	0.37139911	0.10667847	0.42276281
120950119011	0.0	0.01155516	1.55031743	0.19740067	0.07125683	0.31969279
120950119021	0.02137613	0.0	0.99551712	0.0	0.0	0.33285695
120950124031	0.00656123	0.10438314	1.31642048	0.37100749	0.2129416	0.64777193

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950107011	39	196	13	16	78	125	108	347
120950117011	132	279	98	113	126	141	214	465
120950117021	247	605	155	265	363	351	237	147
120950118003	56	179	35	50	88	122	127	100
120950119011	142	531	138	161	199	292	287	281
120950119021	22	63	30	30	58	172	73	62
120950124031	386	1183	341	495	743	887	811	255
Totals:	1,024	3,036	810	1,130	1,655	2,090	1,857	1,657

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950107011	0	171	196	44	0	0	0
120950117011	106	184	205	38	7	0	50
120950117021	224	421	151	41	9	10	157
120950118003	24	67	114	25	14	0	10
120950119011	243	400	103	42	26	0	71
120950119021	31	30	38	29	5	0	41
120950124031	181	754	550	189	94	12	48
Totals:	809	2,027	1,357	408	155	22	377

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 US Census Block Data - Minority Population greater than 40%

USCB 2000 Census Blocks with minority population greater than 40%

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2000 Population
120950117011000	100	11
120950117021017	100	8
120950118003001	89	135
120950118003017	85	20
120950118003018	88	59
120950119011010	50	4
120950119011043	79	38
120950119011044	55	29
120950119021000	46	151
120950119021008	100	6
120950119021016	100	4
120950119021018	50	14
Totals:	N/A	479

Summary: 22.32 acres, 35.0 percent of analysis area.

USCB 2010 Census County Demographics

USCB 2010 Census General Demographic Profile by County

Metadata: <https://etdmpub.fl-a-etat.org/meta/cntdem2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

County	Total 2010 Population	# Male	# Female	Median Age	# White	# Black or African American	# American Indian, Eskimo, or Aleut	# Asian	# Native Hawaiian and Other Pacific Islander	# Some Other Race	# Hispanic or Latino (of any race).	2010 Total Number of Households	Average Household Size
ORANGE	1145956	564326	581630	33.7	728795	238241	4532	56581	1266	77216	308244	421847	2.64

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	565	489	76	1373
120950117021	917	752	165	2058
120950124031	1843	1454	389	4263
120950183003	235	201	34	581
120950183004	358	316	42	1175
120950187001	469	441	28	947
120950187002	939	856	83	2061
Totals:	5,326	4,509	817	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income in 2009	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950117011	40700	9.82612212	269	40	12.32249198	1373
120950117021	18484	3.80100615	931	22	52.30337079	2058
120950124031	46510	4.64204663	534	34	11.06506424	4263
120950183003	61311	16.89587426	51	6	10.24096386	581
120950183004	37708	0.0	271	10	32.7294686	1175
120950187001	154113	31.42227122	50	0	5.51267916	947
120950187002	32275	4.28784489	1009	83	38.33586626	2061
Totals:	N/A	N/A	3,115	195	N/A	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English "Not At All"	Density of People Per Acre That Speak English "Not Well"	% That Speak English "Not At All"	% That Speak English "Not Well"	Speak English "Not at All"	Speak English "Not Well"	Speak English "Well"	Total Population
120950117011	0.03558893	0.18506245	0.42735043	2.22222222	10	52	13	1373
120950117021	0.17703363	1.02173693	2.25225225	12.998713	35	202	128	2058
120950124031	0.02615952	0.09591823	0.99601594	3.65205843	45	165	230	4263
120950183003	0.0	0.0	0.0	0.0	0	0	44	581
120950183004	0.0	0.02457933	0.0	2.03045685	0	16	39	1175
120950187001	0.0	0.0	0.0	0.0	0	0	0	947
120950187002	0.0	0.05267651	0.0	2.17219589	0	55	72	2061
Totals:	N/A	N/A	N/A	N/A	90	490	526	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race
120950117011	0.43699927	0.36416606	94.24617626	2.62199563	0.07283321
120950117021	0.43731778	0.48590865	95.18950437	1.36054422	1.02040816
120950124031	0.53952616	2.01735867	63.10110251	13.18320432	3.65939479
120950183003	0.17211704	1.20481928	85.71428571	7.22891566	2.75387263
120950183004	0.76595745	3.4893617	63.74468085	10.04255319	2.9787234
120950187001	0.21119324	0.63357973	1.90073918	5.80781415	0.42238648
120950187002	0.09704027	0.33964095	82.04754973	10.67442989	2.32896652

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre
120950117011	0.02135336	0.01779447	4.60520787	0.12812016	0.00355889
120950117021	0.04552293	0.05058104	9.90882502	0.1416269	0.10622018
120950124031	0.01337042	0.04999374	1.56375778	0.3267033	0.09068632
120950183003	0.00405095	0.02835666	2.01737405	0.17013998	0.06481523
120950183004	0.01382587	0.06298454	1.15062001	0.18127258	0.05376729
120950187001	0.00211152	0.00633456	0.01900367	0.05806676	0.00422304
120950187002	0.00191551	0.00670428	1.61956314	0.21070603	0.04597222

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	65	238	49	106	132	167	230	386
120950117021	257	460	120	223	269	260	319	150
120950124031	278	871	252	451	543	628	830	410
120950183003	40	122	43	57	62	71	124	62
120950183004	63	165	69	142	128	208	279	121
120950187001	31	121	20	34	53	96	245	347
120950187002	182	402	134	209	191	214	387	342
Totals:	916	2,379	687	1,222	1,378	1,644	2,414	1,818

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	52	1294	0	5	1	15	36	6
120950117021	14	1959	0	10	21	45	28	9
120950124031	1198	2690	0	86	156	110	562	23
120950183003	42	498	0	7	16	17	42	1
120950183004	305	749	1	41	35	35	118	9
120950187001	905	18	0	6	4	12	55	2
120950187002	272	1691	0	7	48	41	220	2
Totals:	2,788	8,899	1	162	281	275	1,061	52

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950117011	62	342	144	49	9	23	105
120950117021	144	468	49	11	0	0	132
120950124031	180	596	552	220	62	72	131
120950183003	16	95	16	13	0	0	0
120950183004	10	109	76	83	0	0	47
120950187001	0	135	228	53	0	0	0
120950187002	281	532	129	28	0	0	223
Totals:	693	2,277	1,194	457	71	95	638

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

USCB 2010 US Census Block Data

USCB 2010 US Census Bureau data by block. Detailed information is for each of the entire blocks that intersect an analysis area.

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2010 Population	# White
120950117011024	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950117011025	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950117021000	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031013	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031019	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031029	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031030	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031031	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031032	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031101	0	0	4	0	1	0	0.0	2.0	6	40.8	0	7	7.0
120950124031109	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031113	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2010 Population	# White
120950124031114	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031115	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031127	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031128	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003000	0	6	3	131	79	0	18.0	49.0	83	30.3	3	162	15.0
120950183003003	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003006	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003013	0	0	2	18	16	0	1.0	13.0	14	37.0	0	30	8.0
120950183003014	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003015	0	0	3	4	3	0	0.0	2.0	3	26.0	0	6	2.0
120950183003016	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003019	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183004000	1	0	2	236	152	0	30.0	39.0	199	49.3	0	351	107.0
120950183004006	0	0	3	84	49	0	11.0	37.0	57	38.5	5	106	17.0
120950183004007	0	5	3	57	39	0	12.0	32.0	49	38.0	0	88	23.0
120950183004008	0	0	4	57	47	0	1.0	19.0	29	22.7	2	76	15.0
1209501830	0	5	3	43	28	0	6.0	17.0	28	35.0	0	56	5.0

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2010 Population	# White
04009													
1209501830 04064	0	0	6	6	3	0	0.0	1.0	3	19.5	0	6	0.0
1209501830 04065	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501830 04066	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501830 04069	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501830 04075	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01004	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01005	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01007	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01012	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01018	0	2	2	3	128	0	11.0	117.0	126	59.3	3	254	244.0
1209501870 02000	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 02011	0	0	3	173	110	0	23.0	65.0	92	37.0	5	202	24.0
1209501870 02027	0	0	2	8	4	0	0.0	6.0	7	37.5	0	11	3.0
Totals:	1	18	N/A	820	659	0	113	399	696	N/A	18	1,355	470

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 US Census Block Data - Minority Population greater than 40%

USCB Census Blocks 2010 with minority population greater than 40%

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2010 Population
120950183003000	93.8	162
120950183003013	73.3	30
120950183003015	66.7	6
120950183004000	75.8	351
120950183004006	89.6	106
120950183004007	83.0	88
120950183004008	80.3	76
120950183004009	91.1	56
120950183004064	100.0	6
120950187002011	94.6	202
120950187002027	72.7	11
Totals:	N/A	1,094

Summary: 22.63 acres, 35.5 percent of analysis area.

USCB 2020 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	573	537	36	1519
120950117021	1082	990	92	2542
120950124031	1094	1023	71	2605
120950183002	682	636	46	1336
120950183003	364	332	32	837
120950187001	460	435	25	1076
120950187002	894	829	65	2154
Totals:	5,149	4,782	367	12,069

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race
120950117011	0.2	0.59	84.27	10.8	4.81
120950117021	0.12	0.12	87.49	8.18	2.4
120950124031	0.54	2.19	62.11	15.2	7.41
120950183002	0.52	4.79	55.76	17.66	7.63
120950183003	0.24	1.43	76.22	10.87	3.11
120950187001	0.19	1.12	2.79	10.97	2.79
120950187002	0.23	1.07	72.38	13.46	6.13

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre
120950117011	0.01	0.03	4.55	0.58	0.26
120950117021	0.01	0.01	9.88	0.92	0.27
120950124031	0.01	0.04	1.15	0.28	0.14
120950183002	0.01	0.1	1.12	0.35	0.15
120950183003	0.0	0.03	1.43	0.2	0.06
120950187001	0.0	0.01	0.03	0.12	0.03
120950187002	0.0	0.02	1.52	0.28	0.13

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	62	217	101	131	168	155	321	364
120950117021	221	580	99	316	343	285	412	286
120950124031	161	499	108	264	409	353	529	282
120950183002	53	174	43	106	173	179	393	215
120950183003	40	124	22	76	89	129	213	144
120950187001	52	164	25	62	117	96	219	341
120950187002	119	371	82	248	341	199	393	401
Totals:	708	2,129	480	1,203	1,640	1,396	2,480	2,033

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	85	1280	0	9	73	69	164	3
120950117021	85	2224	0	3	61	166	208	3
120950124031	430	1618	0	57	193	293	396	14
120950183002	287	745	0	64	102	131	236	7
120950183003	100	638	0	12	26	59	91	2
120950187001	917	30	0	12	30	85	118	2
120950187002	306	1559	0	23	132	129	290	5
Totals:	2,210	8,094	0	180	617	932	1,503	36

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Urban Areas

Metadata: <https://etdmpub.flc-etat.org/meta/ua2020.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
Orlando, FL Urban Area	63.7	100%
Totals	63.7	-

USCB 2020 US Census Block Data

USCB 2020 US Census Bureau data by block. Detailed information is for each of the entire blocks that intersect an analysis area.

Metadata: https://etdmpub.fl.a-etat.org/meta/cenblk_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
120950117011000	35	17	2.06	25	10	4	30	0	0	0	1	5	41.5
120950117011006	0	0	None	0	0	0	0	0	0	0	0	0	None
120950117011007	9	0	None	4	5	1	4	0	1	0	0	3	14.5
120950117021000	6	0	None	3	3	1	2	0	0	0	0	1	19.5
120950124031011	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031012	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031026	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031027	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031033	19	2	9.5	13	6	9	4	0	0	0	0	3	31.5
120950124031034	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031035	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031060	0	0	None	0	0	0	0	0	0	0	0	0	None

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
120950124031062	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031079	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031080	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002000	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002001	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002033	471	350	1.19	304	167	149	262	0	1	2	17	59	56.4
120950183002035	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002036	100	41	2.44	47	53	7	87	0	0	0	1	5	35.5
120950183002037	104	38	2.74	58	46	10	70	0	8	0	9	15	35.0
120950183002038	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002039	45	21	2.14	39	6	11	24	0	2	0	4	8	29.4
120950183002040	49	8	6.12	23	26	12	27	0	4	0	5	5	52.2
120950183002041	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002057	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002059	16	2	8.0	5	11	1	4	0	2	0	6	5	13.0
120950183002061	0	0	None	0	0	0	0	0	0	0	0	0	None
1209501830	0	0	None	0	0	0	0	0	0	0	0	0	None

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
02062													
120950183002063	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002064	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003001	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003002	141	52	2.48	75	66	24	96	0	0	0	7	28	47.1
120950183003007	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003015	54	21	2.57	30	24	4	49	0	0	0	0	0	46.0
120950183003019	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003020	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003021	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003022	6	1	6.0	2	4	1	2	0	0	1	0	1	11.5
120950183003028	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001005	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001006	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001008	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001009	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001010	0	0	None	0	0	0	0	0	0	0	0	0	None

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
120950187001021	314	130	2.42	161	153	302	0	0	0	0	3	12	51.1
120950187001027	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001033	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001034	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001035	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187002000	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187002015	377	210	1.8	144	233	33	277	0	6	0	27	64	54.8
120950187002038	15	1	15.0	2	13	0	10	0	2	0	2	3	11.5
Totals:	1,761	894	N/A	935	826	569	948	0	26	3	82	217	N/A

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 US Census Block Data - Minority Population greater than 40%
USCB Census Blocks 2020 with minority population greater than 40%

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblk_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2020 Population
120950117011000	100.0	35
120950117011007	100.0	9
120950117021000	100.0	6
120950124031033	52.63	19
120950183002033	71.34	471
120950183002036	93.0	100
120950183002037	90.38	104
120950183002039	80.0	45
120950183002040	75.51	49
120950183002059	100.0	16
120950183003002	89.36	141
120950183003015	92.59	54
120950183003022	83.33	6
120950187002015	93.1	377
120950187002038	100.0	15
Totals:	N/A	1,447

Summary: 15.22 acres, 23.9 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Geographic Mobility

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median year - Total	Owner occupied (Median Year)	Renter Occupied (Median Year)	Geographical Mobility in the Past Year - Total	Same house 1 year ago	Different house in United States 1 year ago	Abroad 1 year ago
120950117011	2006	1989	2019	1625	1082	543	0
120950117021	2019	1997	2020	1896	1304	453	139
120950124031	2017	2015	2018	3030	2687	326	17
120950183002	2016	2013	2017	839	646	193	0
120950183003	2014	1997	2015	478	400	47	31
120950187001	2016	2015	0	1561	1518	32	11
120950187002	2019	2014	2019	1816	1650	116	50
Totals:	N/A	N/A	N/A	11,245	9,287	1,710	248

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Household Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total Households (HH) by HH Language	HH Not Limited English Speaking Status	Spanish: Limited English speaking HH	Indo-European languages: Limited English speaking HH	Asian and Pacific Island languages: Limited English speaking HH	Other languages: Limited English speaking HH
120950117011	421	421	0	0	0	0
120950117021	765	716	0	28	0	21
120950124031	1106	981	58	67	0	0
120950183002	435	392	43	0	0	0
120950183003	298	298	0	0	0	0
120950187001	567	567	0	0	0	0
120950187002	924	754	170	0	0	0
Totals:	4,516	4,129	271	95	0	21

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	491	421	70	1625
120950117021	1012	765	247	1926
120950124031	1253	1106	147	3064
120950183002	483	435	48	839
120950183003	355	298	57	478
120950187001	593	567	26	1561
120950187002	1051	924	127	1930
Totals:	5,238	4,516	722	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950117011	54728	12.98	263	23	17.59	1625
120950117021	37024	3.89	428	0	22.22	1926
120950124031	33052	5.29	1076	33	35.22	3064
120950183002	46731	4.41	220	35	26.22	839
120950183003	0	5.23	139	0	29.08	478
120950187001	250001	27.48	0	10	0.0	1561
120950187002	50818	5.8	580	0	30.66	1930
Totals:	N/A	N/A	2,706	101	N/A	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Internet Access

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total Households Types of Computers in HH	Households with 1 or more device	Households with no computer	Total Households Presence and Types of Internet Subscriptions	Households with an internet subscription	Households with no internet access	Households with internet access without a subscription
120950117011	421	402	19	421	365	51	5
120950117021	765	691	74	765	591	174	0
120950124031	1106	1106	0	1106	945	148	13
120950183002	435	346	89	435	222	164	49
120950183003	298	298	0	298	206	57	35
120950187001	567	567	0	567	555	12	0
120950187002	924	833	91	924	763	146	15
Totals:	4,516	4,243	273	4,516	3,647	752	117

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English Not At All	Density of People Per Acre That Speak English Not Well	% That Speak English Not At All	% That Speak English Not Well	Speak English Not at All	Speak English Not Well	Speak English Well	Total Population
120950117011	0.04	0.27	0.75	4.67	12	75	101	1625
120950117021	0.0	0.25	0.0	3.18	0	56	35	1926
120950124031	0.0	0.15	0.0	7.38	0	207	257	3064
120950183002	0.0	0.18	0.0	15.31	0	122	10	839
120950183003	0.0	0.0	0.0	0.0	0	0	11	478
120950187001	0.05	0.01	3.23	0.73	49	11	84	1561
120950187002	0.02	0.0	1.08	0.0	19	0	299	1930
Totals:	N/A	N/A	N/A	N/A	80	471	797	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race	% People(Age 20-64) with a Disability
120950117011	0.0	0.0	92.62	3.02	1.35	17.03
120950117021	1.04	0.0	85.15	9.09	0.0	13.64
120950124031	0.0	5.12	74.31	8.78	0.1	20.6
120950183002	0.0	1.19	46.25	26.82	13.23	28.0
120950183003	0.0	0.0	88.28	7.74	0.0	33.24
120950187001	0.0	1.47	1.92	16.46	2.43	0.0
120950187002	0.0	0.0	75.34	18.86	0.52	20.28

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre	Density of People Per Acre (Age 20-64) with a Disability
120950117011	0.0	0.0	5.35	0.17	0.08	0.5
120950117021	0.09	0.0	7.28	0.78	0.0	0.55
120950124031	0.0	0.11	1.62	0.19	0.0	0.26
120950183002	0.0	0.01	0.58	0.34	0.17	0.27
120950183003	0.0	0.0	0.94	0.08	0.0	0.27
120950187001	0.0	0.02	0.03	0.27	0.04	0.0
120950187002	0.0	0.0	1.41	0.35	0.01	0.21

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	20	411	36	15	154	173	478	338
120950117021	164	463	52	186	242	178	303	338
120950124031	258	643	118	330	410	268	661	376
120950183002	42	0	28	133	160	67	262	147
120950183003	0	0	0	25	135	46	161	111
120950187001	44	490	3	42	191	87	431	273
120950187002	171	156	101	198	87	201	518	498
Totals:	699	2,163	338	929	1,379	1,020	2,814	2,081

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	71	1505	0	0	22	27	49	0
120950117021	168	1640	0	0	0	98	175	20
120950124031	426	2277	0	157	3	201	269	0
120950183002	295	388	0	10	111	35	225	0
120950183003	56	422	0	0	0	0	37	0
120950187001	1208	30	0	23	38	262	257	0
120950187002	314	1454	0	0	10	152	364	0
Totals:	2,538	7,716	0	190	184	775	1,376	20

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950117011	20	79	178	144	0	0	12
120950117021	75	407	228	37	18	0	92
120950124031	124	399	462	91	0	30	34
120950183002	141	131	138	25	0	0	18
120950183003	12	177	109	0	0	0	123
120950187001	9	94	335	129	0	0	0
120950187002	140	593	158	33	0	0	126
Totals:	521	1,880	1,608	459	18	30	405

Summary: 63.7 acres, 100 percent of analysis area.

USCB County Demographics - 2000 Census

USCB 2000 Census General Demographic Profile by County

Metadata: <https://etdmpub.fl-a-etat.org/meta/cntdem.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

County	Total Population	# Male	# Female	Median Age	# White	# Black or African American	# American Indian, Eskimo, or Aleut	# Asian	# Native Hawaiian and Other Pacific Islander	# Some Other Race	# Hispanic or Latino (of any race).	Total Number of Households	Average Household Size
ORANGE	896344.0	443716.0	452628.0	33.3	614830.0	162899.0	3079.0	30033.0	843.0	53889.0	168361.0	336286.0	2.61

Summary: 63.7 acres, 100 percent of analysis area.

USEPA National Pollutant Discharge Elimination System (NPDES)
USEPA National Pollutant Discharge Elimination System (NPDES)

Metadata: <https://etdmpub.fl-a-etat.org/meta/epanpdes.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110010124846	GREYHOUND LINES INC	ICIS-NPDES NON-MAJOR
110010124846	GREYHOUND LINES INC	STORM WATER INDUSTRIAL
110040455851	PRINCETON RETAIL CONTRACTORS B	ICIS-NPDES NON-MAJOR
110040455851	PRINCETON RETAIL CONTRACTORS B	STORM WATER CONSTRUCTION
110064409126	CONTRACTORS BUSINESS PARK	ICIS-NPDES NON-MAJOR
110064409126	CONTRACTORS BUSINESS PARK	STORM WATER CONSTRUCTION
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	ICIS-NPDES NON-MAJOR
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110071069845	WAWA STORE 5100	ICIS-NPDES NON-MAJOR

Summary: 17 feature(s) found within buffer.

USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities

USEPA Resource Conservation and Recovery Act (RCRA) Regulated Facilities

Metadata: <https://etdmpub.fl-a-etat.org/meta/eparcra.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name
110002519775	LYNX
110002535123	HEINTZELMANS TRUCK CENTER INC
110002546086	B & B AUTO TRANSMISSION SERVICE
110002546264	TRS INC
110005276913	RAYS AUTO REPAIR
110005585223	FIBERGLASS PRODUCTS OF ORLANDO INC
110005587828	AMERICAN SUNROOF OF FLORIDA INC
110005602197	1ST DUTCH PRINTING INC
110005631236	SUNDANCE AUTO SPA INC
110006185421	MCCULLY CONSTRUCTION CO
110031308378	FLETCHER ENTERPRISES
110035501132	MASSEY CADILLAC INC

Summary: 12 feature(s) found within buffer.

USEPA US EPA ATTAINS: CWA Sections 303(d) and 305(b) Surface Water Quality Assessment Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/usepa_attains_au_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Assessment Unit Name	Verified Impaired	Has TMDL	On 303(d) list	Integrated Reporting Category	Has 4b Plan	Has Alternative Restoration Plan	Waterbody Report
LITTLE WEKIVA CANAL	Y	Y	N	4A	N	N	https://mywaterway.epa.gov/waterbody-report/21FL303D/FL3004/2022
SHINGLE CREEK HEADWATERS	Y	N	Y	5	N	N	https://mywaterway.epa.gov/waterbody-report/21FL303D/FL3169G1/2022

Summary: 63.7 acres, 100 percent of analysis area.

USFWS Lake Wales Ridge Plants Consultation Area

Metadata: https://etdmpub.fl-a-etat.org/meta/ca_lwr_plants.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LAKE WALES RIDGE PLANTS CONSULTATION AREA (NF ESO)	63.7	100%
Totals	63.7	-

USFWS National Wetlands Inventory Areas

Metadata: <https://etdmpub.fl-a-etat.org/meta/nwip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

System and Wetland Type	Area of Interest	
	Acr	Pct
PALUSTRINE (FRESHWATER FORESTED/SHRUB WETLAND)	0.69	1.09%
RIVERINE (RIVERINE)	0.11	0.17%
Totals	0.79	-

USFWS Scrub Jay Consultation Area

Metadata: https://etdmpub.fl-a-etat.org/meta/ca_scrub_jay.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SCRUB-JAY CONSULTATION AREA (NF ESO)	63.7	100%
Totals	63.7	-

USFWS Snail Kite Consultation Area

Metadata: https://etdmpub.fl-a-etat.org/meta/ca_snail_kite.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SNAIL KITE CONSULTATION AREA (NF ESO)	63.7	100%
Totals	63.7	-

USFWS Species Range

Metadata: https://etdmpub.fl-a-etat.org/meta/cr_usfws_poly.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Common Name, Listing
BEAUTIFUL PAWPAW (ENDANGERED)
CRESTED CARACARA (AUDUBON'S) (THREATENED)
EASTERN BLACK RAIL (THREATENED)
EASTERN INDIGO SNAKE (THREATENED)
EVERGLADE SNAIL KITE (ENDANGERED)
MONARCH BUTTERFLY (PROPOSED THREATENED)
PAPERY WHITLOW-WORT (THREATENED)
PIGEON WINGS (THREATENED)
RED-COCKADED WOODPECKER (THREATENED)
SANDLACE (ENDANGERED)
SOUTHERN HOGNOSE SNAKE (PROPOSED THREATENED)
WOOD STORK (THREATENED)

Summary: 764.42 acres, 100 percent of analysis area.

USFWS Woodstork Core Foraging Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/woodstork_areas_se.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WOOD STORK AREAS	63.7	100%
Totals	63.7	-

USGS Geologic Units and Structural Features

Metadata: <https://etdmpub.fl-a-etat.org/meta/flgeol.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
UNDIFFERENTIATED SEDIMENTS	63.7	100%
Totals	63.7	-

USGS Principal Aquifers of the State of Florida

Metadata: <https://etdmpub.fl-a-etat.org/meta/aquip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	63.7	100%
Totals	63.7	-

USGS Township Range Section

USGS Public Land Surveys, Township Range Section

Metadata: <https://etdmpub.fl-a-etat.org/meta/plss.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
22S29E09
22S29E16
22S29E21
22S29E28

Summary: 63.7 acres, 100 percent of analysis area.

WMD FL Land Use and Land Cover (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
1400: COMMERCIAL AND SERVICES	4.23	6.64%
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
1700: INSTITUTIONAL	0.26	0.41%
8320: ELECTRICAL POWER TRANSMISSION LINES	0.13	0.2%
4340: HARDWOOD - CONIFEROUS MIXED	0.82	1.29%
1410: RETAIL SALES AND SERVICES	0.3	0.47%
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
8140: ROADS AND HIGHWAYS	56.7	89.02%
Totals	63.7	-

WMD Industrial Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
Totals	0.42	-

WMD Residential Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
Totals	0.15	-

WMD Water Management District Boundaries

Metadata: <https://etdmpub.fl-a-etat.org/meta/wmdbnd.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description
SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 63.7 acres, 100 percent of analysis area.

WMD Wetlands (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
Totals	0.71	-

Appendix 1: Analysis Issue Matrix

\$anAOI.name Area of Interest

This AOI will be available in the EST until \$tools.date.format("MM/dd/yyyy", \$anAOI.expirationDate)

Last updated by \$anAOI.orgUser.name @ \$anAOI.orgUser.organization.name

The table below lists all of the analysis types that have been run for this project, crossreferenced with environmental resource issues.

Analysis Type	Social and Economic							Cultural and Tribal			Natural					Physical					
	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
AHCA Group Care Facilities	✔			✔												✔					
AUDUBON Eagle Nests (Buffered by 330 and 660 Feet)														✔							
AUDUBON EagleWatch Nests														✔							
BAR Florida Site File Archaeological or Historic Sites								✔	✔												
BAR Florida Site File Areas with No Field Survey Project Boundary Present									✔												
BAR Florida Site File Cemeteries	✔							✔	✔							✔					
BAR Florida Site File Field Survey Project Boundaries	✔							✔	✔												
BAR Florida Site File Historic Bridges	✔							✔	✔												
BAR Florida Site File Historic Standing Structures	✔							✔	✔												
BAR Florida Site File Resource Groups	✔							✔	✔												
BAR National Register of Historic Places								✔	✔												
BTS (FRA) Railroad Crossings																			✔		
BTS 2010 Amtrak Intercity Railroad Terminals	✔	✔		✔															✔		
BTS Abandoned Rails (Subset of BTS Rails)									✔	✔								✔			
BTS Abandoned Rails 2015 (Subset of BTS Rails)									✔	✔								✔			

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
BTS Airports	✓	✓		✓												✓			✓		
BTS Fixed-Guideway Transit Network Stations		✓		✓																	
BTS Intermodal Passenger Connectivity Database (IPCD)		✓		✓																	
BTS National Bridge Inventory	✓							✓	✓												
BTS US Army Corps of Engineers Ports															✓						
DCA Areas of Critical State Concern in Florida																					✓
DCA Waterfronts Florida Program Designated Communities															✓						✓
DOACS Florida Forest Service Facility Locations - 2015														✓					✓		
FCC AM Tower Structures																✓			✓		
FCC Cellular Antenna Locations																✓			✓		
FCC FM Tower Structures																✓			✓		
FCC Television Broadcast Structure Locations																✓			✓		
FCC Wireless Antenna Structure Locations																			✓		
FDACS Irrigated Cropland and Non-Irrigated Agricultural Areas							✓														
FDACS Rural and Family Lands Protection Program (RFLPP)							✓														
FDACS State Forests								✓		✓				✓							✓
FDEM Front Porch Communities	✓																				
FDEP Adopted Aquifer Minimum Flows and Levels (MFLs)												✓									
FDEP Adopted Estuary Minimum Flows and Levels (MFLs)												✓									
FDEP Adopted Lake Minimum Flows and Levels (MFLs)												✓									
FDEP Adopted Minimum Flows and Levels (MFLs)												✓									
FDEP Adopted River Minimum Flows and Levels (MFLs)												✓									
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida												✓		✓							
FDEP Affordable Public Housing	✓																				
FDEP Ambient Air Monitoring Sites in Florida																	✓				
FDEP Basin Management Action Plans (BMAP) Areas in Florida												✓		✓							
FDEP Brownfield Location Boundaries	✓		✓															✓			✓
FDEP Certified Power Plants																			✓		
FDEP Coastal Construction Control Lines (CCCL)														✓	✓						
FDEP Cumulative Impact Basins from Water Management Districts											✓	✓									
FDEP DRASTIC Coverage for the Floridan Aquifer System												✓						✓			

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
FDEP DRASTIC Coverage for the Intermediate Aquifer												✓						✓			
FDEP DRASTIC Coverage for the Surficial Aquifer System												✓						✓			
FDEP Dry Cleaning Program Sites													✓					✓	✓		
FDEP EPA Established Total Maximum Daily Loads (TMDLs)												✓		✓							
FDEP Environmental Geology									✓									✓			
FDEP Environmental Restoration Integrated (ERIC) PFAS Sites													✓					✓	✓		
FDEP Environmental Restoration Integrated Cleanup (ERIC) Sites													✓					✓	✓		
FDEP Florida Coastal Building Zone															✓						
FDEP Florida State Parks										✓				✓		✓					
FDEP Floridan Aquifer System FAVA II Response Theme												✓						✓			
FDEP Flowing Waters Resource												✓									
FDEP HUC 12 Subwatershed Boundaries												✓									
FDEP Hazardous Waste Facilities													✓					✓	✓		
FDEP Healthcare Facilities	✓															✓					
FDEP Institutional Controls Registry Sites	✓												✓					✓	✓		
FDEP Intermediate Aquifer System FAVA II Response Theme												✓						✓			
FDEP Lakes Resource												✓									
FDEP Large Quantity Generators of Hazardous Waste													✓					✓	✓		
FDEP Law Enforcement Facilities	✓																				
FDEP List of Aquatic Preserves												✓	✓	✓	✓						✓
FDEP Mandatory Phosphate Mine Boundaries																		✓			
FDEP Mitigation Bank Service Areas											✓								✓		
FDEP Mitigation Banks											✓								✓		
FDEP NPDES Stormwater Permits																		✓			✓
FDEP National Pollutant Discharge Elimination System (NPDES) Stormwater Facilities and Activities																		✓			✓
FDEP Off Site Contamination Notices																		✓			
FDEP Other Outstanding Florida Waters												✓									✓
FDEP Outstanding Florida Springs (OFS)												✓									
FDEP Petroleum Contamination Monitoring Sites													✓					✓	✓		
FDEP Public Water Supply (PWS) Plants																			✓		

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation												✓									
FDEP STORET Stations												✓									
FDEP Sea-Level Impact Projection (SLIP) Study Area															✓						
FDEP Solid Waste Facilities	✓												✓					✓	✓		
FDEP Springs												✓									
FDEP Springs Priority Focus Areas												✓									
FDEP State funded Hazardous Waste Cleanup Sites												✓	✓					✓	✓		
FDEP Storage Tank Contamination Monitoring (STCM)												✓	✓					✓	✓		
FDEP Strategic Monitoring Plan (SMP) for Waterbodies												✓									
FDEP Submerged State Land Records (TIITF)										✓											
FDEP Subsidence Incident Reports for the State of Florida												✓						✓			✓
FDEP Superfund/National Priority List (NPL) Waste Cleanup Sites																		✓			
FDEP Surface Water Classification												✓									
FDEP Surficial Aquifer System FAVA II Response Theme												✓						✓			
FDEP Treaters, Storers, and Disposers of Hazardous Waste													✓					✓	✓		
FDEP Verified Impaired Florida Waters												✓		✓							
FDEP Wastewater Facilities	✓																	✓	✓		
FDEP Waterbody IDs												✓	✓	✓				✓			
FDEP Waters Not Attaining Standards (WNAS)												✓									
FDEP Watershed Information Network (WIN) Monitoring Locations												✓									
FDEP Wild and Scenic Rivers												✓				✓					✓
FDOH Biomedical Waste													✓					✓			
FDOH Known On-Site Domestic Wells												✓									
FDOH Known On-Site Septic Systems												✓	✓					✓			
FDOH Likely On-Site Domestic Wells												✓									
FDOH Likely On-Site Septic Systems												✓	✓					✓			
FDOH Limited Use Drinking Water Wells												✓						✓	✓		
FDOH Migrant Labor Camps	✓	✓		✓		✓															
FDOH Mobile Home and RV Parks	✓	✓		✓		✓															
FDOH Super Act Risk Sources												✓	✓					✓			

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
FDOH Super Act Wells												✓						✓			
FDOT - Outdoor Advertising					✓											✓					
FDOT 5 Year Crash Rates (2014-2018)	✓		✓	✓					✓												
FDOT Bus Transit Routes		✓		✓																	
FDOT Crossing Opportunities at Large Animal Hotspots														✓							
FDOT District 5 - Conservation Lands	✓									✓						✓					
FDOT Facility Crossings	✓																				
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)	✓		✓	✓					✓												
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)	✓		✓	✓					✓												
FDOT Fatal Crashes on SHS Roadways (2010)	✓		✓	✓					✓												
FDOT Fatal Crashes on SHS Roadways (2011)	✓		✓	✓					✓												
FDOT Fatal Crashes on SHS Roadways (2012)	✓		✓	✓					✓												
FDOT Fatal Crashes on SHS Roadways (2013)	✓		✓	✓					✓												
FDOT Fatal Crashes on SHS Roadways (2014)	✓		✓	✓					✓												
FDOT Federal Aviation Administration Obstructions				✓															✓		
FDOT Florida Panther Vehicle Collision (PVC) Hot Spots														✓							
FDOT Large Animal Vehicle Collisions Hot Spots														✓							
FDOT Noise Barriers					✓											✓					
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)	✓		✓	✓					✓												
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)	✓		✓	✓					✓												
FDOT Nonfatal Crashes on SHS Roadways (2010)	✓		✓	✓					✓												
FDOT Nonfatal Crashes on SHS Roadways (2011)	✓		✓	✓					✓												
FDOT Nonfatal Crashes on SHS Roadways (2012)	✓		✓	✓					✓												
FDOT Nonfatal Crashes on SHS Roadways (2013)	✓		✓	✓					✓												
FDOT Nonfatal Crashes on SHS Roadways (2014)	✓		✓	✓					✓												
FDOT Park and Ride Parking Lots - FDOT District 5				✓																	
FDOT Probable Small Animal Upland Hot Spots (Coarse scale)														✓							
FDOT Probable Small Animal Upland Hot Spots (Fine scale)														✓							
FDOT Probable Small Animal Wetland Hot Spots (Coarse scale)														✓							
FDOT Probable Small Animal Wetland Hot Spots (Fine scale)														✓							
FDOT RCI Bridges	✓							✓	✓												
FDOT RCI Grade Level Railroad Crossings																			✓		

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
FDOT RCI Scenic Highways					✔											✔					
FDOT Railroad Crossings (RHCI)																			✔		
FDOT Railroads in the State of Florida	✔			✔												✔			✔		
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida	✔			✔				✔		✔						✔					
FDOT State Historic Highways									✔												
FDOT Urbanized Areas							✔									✔					
FDOT Wildlife Crossings														✔							
FEMA DFIRM (SFHA) 100 Year Flood Zones												✔	✔								✔
FEMA DFIRM 100 Year Floodplain												✔	✔								✔
FEMA DFIRM 500 Year Floodplain												✔	✔								✔
FEMA DFIRM Panel Areas													✔								✔
FEMA DFIRM Regulatory Floodway													✔								✔
FNAI Bird Rookeries 2018														✔							
FNAI CLIP Version 4 Aggregated CLIP Priorities														✔							
FNAI CLIP Version 4 Aquifer Recharge														✔							
FNAI CLIP Version 4 Biodiversity Resource Priorities														✔							
FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands														✔							
FNAI CLIP Version 4 Landscape Integrity Index														✔							
FNAI CLIP Version 4 Landscape Resource Priorities														✔							
FNAI CLIP Version 4 Natural Floodplain														✔							
FNAI CLIP Version 4 Potential Habitat Richness														✔							
FNAI CLIP Version 4 Priority Natural Communities														✔							
FNAI CLIP Version 4 Rare Species Habitat Conservation Priorities														✔							
FNAI CLIP Version 4 Significant Surface Waters														✔							
FNAI CLIP Version 4 Strategic Habitat Conservation Areas														✔							
FNAI CLIP Version 4 Surface Water Resource Priorities														✔							
FNAI CLIP Version 4 Wetlands														✔							
FNAI Element Occurrence (Documented or Likely)														✔							
FNAI Element Occurrence (Potential)														✔							
FNAI Florida Forever Acquisitions		✔	✔			✔		✔		✔				✔							✔
FNAI Florida Forever BOT Projects		✔	✔			✔		✔		✔				✔							✔

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
FNAI Florida Managed Areas										✓				✓							
FNAI Geological Features 2018														✓							
FNAI Impact on Prescribed Burning														✓							
FNAI National Forests								✓		✓				✓							✓
FNAI Public Lands in Florida	✓							✓			✓	✓		✓							✓
FNAI State Managed Conservation Lands			✓					✓		✓				✓							✓
FNAI Threatened or Endangered Species (Documented or Likely)														✓							
FNAI Threatened or Endangered Species (Potential)														✓							
FWC 2003 Habitat and Landcover GRID														✓							
FWC Bear Crossing Sign Locations														✓							
FWC Bear Fencing Opportunities														✓							
FWC Black Bear Range														✓							
FWC Black Bear Related Calls														✓							
FWC Black Bear Road Mortality														✓							
FWC Critical Wildlife Area Boundaries														✓							
FWC Dark Sky Lighting Recommended Areas														✓							
FWC Florida Cooperative Land Cover Grid - Version 3.8														✓							
FWC Florida Panther Mortality														✓							
FWC Management Areas								✓		✓				✓							
FWC Shorebird Breeding Survey 2016														✓							
FWC State Imperiled Species in Florida														✓							
FWC State Manatee Protection Zones														✓							
FWC Watersheds containing Rare and Imperiled Fish														✓							
FWC Wildlife Sensitive Conventional Lighting														✓							
FWC-FWRI Sea Turtle Strandings (1986 - 2017)														✓							
FWRI Boat Ramps	✓			✓					✓	✓			✓						✓	✓	
FWRI Environmentally Sensitive Shorelines													✓	✓	✓						
FWRI Florida Artificial Reefs															✓						
FWRI Gopher Tortoise Relocation Permit Recipient Sites in Florida														✓							
FWRI Great Florida Birding Trail Sites										✓											
FWRI Imperiled Beach Nesting Bird Breeding Sites														✓							

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
FWRI Imperiled Beach Nesting Bird Critical Brood Rearing Sites														✓							
FWRI Imperiled Beach Nesting Bird Critical Roosting Sites														✓							
FWRI Mangroves										✓	✓		✓	✓							✓
FWRI Marinas	✓			✓					✓	✓			✓						✓	✓	
FWRI Rare and Imperiled Fish in Florida														✓							
FWRI Saltwater Marshes											✓										
FWRI Sea Turtle Beach Survey														✓							
FWRI Seagrass Beds (Showing Continuous/Discontinuous)											✓			✓	✓						
FWRI US Coast Guard Aids to Navigation															✓	✓					
FWRI Unified Florida Coral Reef Tracts															✓	✓					
GEOPLAN 2040, NOAA2017 Intermediate (Depth of Flooding)															✓	✓					
GEOPLAN 2040, NOAA2017 Intermediate-High (Depth of Flooding)															✓	✓					
GEOPLAN 2040, NOAA2017 Intermediate-Low (Depth of Flooding)															✓	✓					
GEOPLAN 2050, NOAA2017 Intermediate (Depth of Flooding)															✓	✓					
GEOPLAN 2050, NOAA2017 Intermediate-High (Depth of Flooding)															✓	✓					
GEOPLAN 2050, NOAA2017 Intermediate-Low (Depth of Flooding)															✓	✓					
GEOPLAN 2070, NOAA2017 Intermediate (Depth of Flooding)															✓	✓					
GEOPLAN 2070, NOAA2017 Intermediate-High (Depth of Flooding)															✓	✓					
GEOPLAN 2070, NOAA2017 Intermediate-Low (Depth of Flooding)															✓	✓					
GEOPLAN 2100, NOAA2017 Intermediate (Depth of Flooding)															✓	✓					
GEOPLAN 2100, NOAA2017 Intermediate-Low (Depth of Flooding)															✓						
GEOPLAN Airport Runways (Polygons)	✓	✓		✓												✓			✓		
GEOPLAN American Indian Lands and Native Entities In Florida	✓	✓							✓												✓
GEOPLAN Aviation Transportation Facilities	✓	✓		✓												✓			✓		
GEOPLAN Cemeteries (Points)	✓															✓					
GEOPLAN Cemeteries (Polygons)	✓															✓					
GEOPLAN Civic Centers (Points)	✓																				

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
GEOPLAN Community Centers (Points)	✔															✔					
GEOPLAN Community and Fraternal Center Boundaries	✔															✔					
GEOPLAN Correctional Facilities	✔																		✔		
GEOPLAN Cultural Centers (Polygons)	✔															✔					
GEOPLAN Cultural Centers (Points)	✔															✔					
GEOPLAN Developments of Regional Impact (DRI)	✔	✔														✔					
GEOPLAN Fire Stations (Points)	✔																				
GEOPLAN Florida Sand Skink and Blue-tailed (Bluetail) Mole Skink Suitability														✔							
GEOPLAN Florida Wildlife Corridor Opportunities														✔							
GEOPLAN GEOPLAN School Facilities (Private)	✔															✔					
GEOPLAN Generalized Agricultural Land Use (Parcel Derived)							✔														
GEOPLAN Generalized Land Use	✔		✔																		
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	✔	✔	✔																		
GEOPLAN Geocoded Government Buildings	✔																				
GEOPLAN Geocoded Laser Facilities	✔															✔					
GEOPLAN Geocoded Social Service Facilities	✔																				
GEOPLAN Geocoded Veteran Facilities	✔	✔																			
GEOPLAN Golf Courses									✔	✔											
GEOPLAN Homeowner and Condominium Associations	✔															✔					
GEOPLAN Hospitals	✔		✔	✔					✔							✔			✔		
GEOPLAN List Year Built (housing stock aged 40 - 44 years)									✔												
GEOPLAN List Year Built (housing stock aged 45 - 49 years)									✔												
GEOPLAN Local Florida Parks and Recreational Facility Boundaries	✔							✔		✔						✔					
GEOPLAN National Historic Preservation Act - Florida Certified Local Governments								✔	✔												
GEOPLAN Parks and Recreational Facilities (Points)	✔							✔		✔						✔					
GEOPLAN Planned Unit Development	✔	✔	✔											✔		✔					✔
GEOPLAN Prime Farmland in Florida with Associated Level 3 Water Management District Land Use Descriptions							✔														
GEOPLAN Religious Centers (Points)	✔									✔						✔		✔			
GEOPLAN Schools (Points)	✔			✔		✔				✔						✔					

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
GEOPLAN State Owned Parks and Recreational Facilities			✓					✓	✓	✓											✓
GEOPLAN Summary - Year Built (Post 1970)									✓												
GEOPLAN Summary - Year Built (Pre 1970)									✓												
GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)									✓												
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)									✓												
GEOPLAN U.S. Military Installations			✓													✓					
GEOPLAN Wild and Scenic River Systems Buffered by 220 ft											✓					✓					✓
HUD Empowerment Zones / Enterprise Communities	✓	✓	✓	✓	✓	✓								✓		✓					
NMFS Critical Habitat (Designated Species - Lines)														✓							
NMFS Critical Habitat (Designated Species)														✓							
NMFS Section 7 Consultation Areas														✓							
NOAA 7 Feet Sea Level Rise Inundation Depths															✓						
NOAA Coastal Barrier Resource System												✓			✓						✓
NOAA Coastal Change Analysis Program - 2016														✓							
NOAA Essential Fish Habitat (EFH)														✓	✓						
NOAA FDEM Storm Surge Zones in Florida (10m raster)												✓	✓								
NOAA Marine Protected Areas											✓	✓			✓						✓
NOAA Ocean Dredged Material Disposal Sites															✓						
NOAA Submerged Lands Act		✓	✓	✓				✓							✓						
NPS National Park Projects								✓		✓				✓	✓	✓					
NPS National Parks and Seashores								✓		✓				✓	✓	✓					
NPS Nationwide Rivers Inventory in Florida										✓											✓
NPS Nationwide Rivers Inventory in Florida (Buffered by 0.25 miles)										✓											✓
NPS Outstanding National Resource Waters																					✓
NRCS Hydric Soils (List) - Subset of NRCS Specific Soils Data											✓			✓							
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data											✓			✓							
NRCS List of Specific Soils - SSURGO							✓		✓		✓			✓				✓			
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data							✓														✓
NRCS Summary of Specific Soils - SSURGO							✓		✓		✓			✓				✓			

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
OGT Existing Recreational Trails	✓			✓				✓		✓						✓					
OGT Hiking Trails Priorities	✓			✓				✓		✓											
OGT Multi-Use Trails Opportunities	✓			✓				✓		✓											
OGT Paddling Trails Opportunities	✓			✓				✓		✓											
OGT Paddling Trails Priorities	✓			✓				✓		✓											
ORNL Electric Power Transmission Lines																			✓		
ORNL Electric Substations																			✓		
SFWMD Arc Hydro Enhanced Database (AHED) Watersheds												✓									
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries										✓	✓	✓	✓	✓	✓			✓			✓
SFWMD North/South Everglades and NEEPP Boundaries											✓	✓	✓								
SFWMD Rule 40E-2 Consumptive Use Canals											✓	✓									
SFWMD Rule 40E-4 Cumulative Impact Basins											✓	✓									
SFWMD Surface Water Projects										✓	✓	✓	✓	✓	✓			✓			✓
SJRWMD Mitigation Banks											✓										
SJRWMD Mitigation Basins											✓										
SJRWMD Spring Capture Zones (Springsheds)												✓									
SJRWMD Springs and Seeps 2007												✓									
SRWMD Springs Locations												✓									
SRWMD USGS Springs												✓									
SFWMD Environmental Resource Permit Project Activity Areas												✓						✓			✓
SFWMD Recharge Areas of the Floridan Aquifer												✓									
SFWMD Sensitive Karst Areas in the SFWMD												✓						✓			✓
SFWMD Storm Water Management Permit Points												✓						✓			✓
SFWMD Water Use Permit Boundaries												✓						✓			✓
SFWMD Well Construction Permit Locations												✓						✓			✓
SFWMD Works of the District												✓						✓			✓
Short-Tailed Hawk and Swallow-Tailed Kite Nests														✓							
Signal 4 Fatal Crashes (2017)	✓		✓	✓					✓												
Signal 4 Fatal Crashes (2018-2020)	✓		✓	✓					✓												
Signal 4 Fatal Crashes (2021)	✓		✓	✓					✓												
Signal 4 Fatal Crashes (2022)	✓		✓	✓					✓												

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
Signal 4 Fatal Crashes (2023)	✔		✔	✔					✔												
Signal 4 Fatal Crashes (2024)	✔		✔	✔					✔												
Signal 4 Non-Fatal Crashes (2017)	✔		✔	✔					✔												
Signal 4 Non-Fatal Crashes (2018-2020)	✔		✔	✔					✔												
Signal 4 Non-Fatal Crashes (2021)	✔		✔	✔					✔												
Signal 4 Non-Fatal Crashes (2022)	✔		✔	✔					✔												
Signal 4 Non-Fatal Crashes (2023)	✔		✔	✔					✔												
Signal 4 Non-Fatal Crashes (2024)	✔		✔	✔					✔												
TNC Managed Burn Zones (Lake Wales Ridge)																	✔				
UCFSPICE Florida Panther Least-Cost Corridor within South-Central Florida														✔							
UCFSPICE Florida Panther Least-Cost Path within South-Central Florida														✔							
UFCLCP Florida Ecological Greenways Network														✔							
UFCLCP Wildlife Corridors in Florida														✔							
USACE Major Dams											✔	✔	✔		✔				✔	✔	
USACE Mitigation Bank and In-Lieu Fee Program Sites											✔								✔		
USCB 2000 Census Block Data	✔																				
USCB 2000 Census Data Block Groups - Housing	✔	✔																			
USCB 2000 Census Data Block Groups - Income	✔	✔																			
USCB 2000 Census Data Block Groups - Language	✔	✔																			
USCB 2000 Census Data Block Groups - Percentages	✔	✔																			
USCB 2000 Census Data Block Groups - Population Densities	✔	✔																			
USCB 2000 Census Data Block Groups - Population Totals	✔	✔																			
USCB 2000 Census Data Block Groups - Transportation	✔	✔																			
USCB 2000 US Census Block Data - Minority Population greater than 40%	✔	✔																			
USCB 2010 Census County Demographics	✔	✔																			
USCB 2010 Census Data Block Groups - Housing	✔	✔																			
USCB 2010 Census Data Block Groups - Income	✔	✔																			
USCB 2010 Census Data Block Groups - Language	✔	✔																			
USCB 2010 Census Data Block Groups - Percentages	✔	✔																			
USCB 2010 Census Data Block Groups - Population Densities	✔	✔																			

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
USCB 2010 Census Data Block Groups - Population Totals	✔	✔																			
USCB 2010 Census Data Block Groups - Race and Ethnicity	✔	✔																			
USCB 2010 Census Data Block Groups - Transportation	✔	✔																			
USCB 2010 Census Designated Places	✔	✔	✔	✔	✔	✔			✔	✔							✔	✔	✔		✔
USCB 2010 US Census Block Data	✔																				
USCB 2010 US Census Block Data - Minority Population greater than 40%	✔	✔																			
USCB 2020 Census Data Block Groups - Housing	✔	✔																			
USCB 2020 Census Data Block Groups - Percentages	✔	✔																			
USCB 2020 Census Data Block Groups - Population Densities	✔	✔																			
USCB 2020 Census Data Block Groups - Population Totals	✔	✔																			
USCB 2020 Census Data Block Groups - Race and Ethnicity	✔	✔																			
USCB 2020 Census Urban Areas	✔						✔														
USCB 2020 US Census Block Data	✔																				
USCB 2020 US Census Block Data - Minority Population greater than 40%	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Geographic Mobility	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Household Language	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Housing	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Income	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Internet Access	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Language	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Percentages	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Population Densities	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Population Totals	✔	✔																			
USCB 2023 American Community Survey Block Group Data - Race and Ethnicity	✔	✔																			

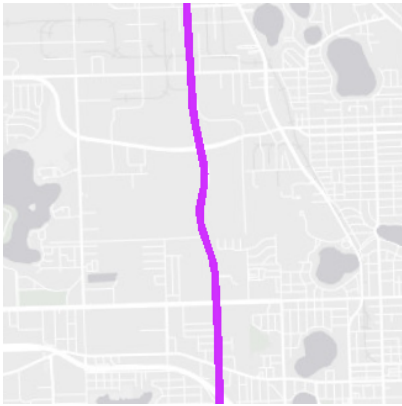
Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
USCB 2023 American Community Survey Block Group Data - Transportation	✓	✓																			
USCB County Demographics - 2000 Census	✓	✓																			
USDOT Potential Navigable Waterways				✓						✓			✓		✓					✓	✓
USEIA Natural Gas Pipelines																			✓		
USEPA Assessment Cleanup and Redevelopment Exchange System (ACRES)	✓		✓															✓			✓
USEPA National Pollutant Discharge Elimination System (NPDES)											✓							✓			
USEPA Power Plants																	✓	✓	✓		
USEPA Regulated Air Emissions Facilities (ICIS-AIR)																	✓	✓	✓		
USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities																		✓			
USEPA Sole Source Aquifers											✓	✓									✓
USEPA Superfund Hazardous Waste Sites												✓						✓			
USEPA Toxic Release Inventory Sites																		✓			
USEPA US EPA ATTAINS: CWA Sections 303(d) and 305(b) Surface Water Quality Assessment Areas												✓									
USEPA Water Quality Data Monitoring Stations												✓									
USFS Florida National Scenic Trail	✓			✓				✓		✓							✓				
USFS National Wild and Scenic River Active Study Rivers												✓					✓				✓
USFWS Atlantic Coast Plants Consultation Area														✓							
USFWS Atlantic Salt Marsh Snake Consultation Area														✓							
USFWS Audubon's Crested Caracara Occurrences in Florida (1992-2009)														✓							
USFWS Bluetail Mole Skink Consultation Area														✓							
USFWS Cape Sable Seaside Sparrow Historic Range														✓							
USFWS Caracara Consultation Area														✓							
USFWS Caracara Non Breeders Communal Roosts and Gathering Areas														✓							
USFWS Critical Habitat (Designated Species - Lines)														✓							
USFWS Critical Habitat (Designated Species)														✓							
USFWS Crocodile Consultation Area														✓							
USFWS Florida Bonneted Bat Consultation Area														✓							
USFWS Florida Grasshopper Sparrow Consultation Area														✓							

Analysis Type	Social	Economic	Land Use Changes	Mobility	Aesthetic Effects	Relocation Potential	Farmlands	Section 4(f) Potential	Historic and Archaeological Sites	Recreational and Protected Lands	Wetlands and Surface Waters	Water Resources	Floodplains	Protected Species and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
USFWS Lake Wales Ridge Plants Consultation Area														✓							
USFWS Manatee Consultation Area														✓							
USFWS National Wetlands Inventory Areas											✓			✓						✓	
USFWS National Wildlife Refuges														✓		✓					
USFWS Okeechobee Gourd Consultation Area														✓							
USFWS Panther Consultation Area														✓							
USFWS Piping Plover Consultation Area														✓							
USFWS Red Cockaded Woodpecker Consultation Area														✓							
USFWS Sand Skink Consultation Area (Neoseps reynoldsi)														✓							
USFWS Scrub Jay Consultation Area														✓							
USFWS Scrub Jay Service Area														✓							
USFWS Snail Kite Consultation Area														✓							
USFWS Snail Kite Priority Management Zones														✓							
USFWS Species Range														✓							
USFWS Wildlife Permeability Along Interstate 4 (PRIT)														✓							
USFWS Wood Stork Nesting Colonies (Buffered by 2500 Feet)														✓							
USFWS Woodstork Core Foraging Areas														✓							
USFWS Woodstork Nests														✓							
USGS Geologic Units and Structural Features												✓						✓			
USGS Highest Priority eBird Occurrence Locations in Florida (2000-2016)														✓							
USGS Principal Aquifers of the State of Florida												✓		✓							
USGS Township Range Section			✓						✓		✓	✓		✓							
WMD Agricultural Lands (FLUCCS Level 3)							✓											✓			
WMD FL Land Use and Land Cover (FLUCCS Level 3)	✓	✓	✓												✓						
WMD Industrial Areas (FLUCCS Level 3)																✓	✓				
WMD Residential Areas (FLUCCS Level 3)	✓				✓	✓										✓					
WMD Water Management District Boundaries											✓					✓					
WMD Water Management District Owned Lands			✓					✓	✓	✓		✓		✓							✓
WMD Wetlands (FLUCCS Level 3)											✓			✓						✓	

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type	Date Run	Features within AOI	
		Count	
Coastal and Marine			
BTS US Army Corps of Engineers Ports	10/16/2025	0	
DCA Waterfronts Florida Program Designated Communities	10/16/2025	0	
FDEP Coastal Construction Control Lines (CCCL)	10/16/2025	0	
FDEP Florida Coastal Building Zone	10/16/2025	0	
FDEP List of Aquatic Preserves	10/16/2025	0	
FDEP Sea-Level Impact Projection (SLIP) Study Area	10/16/2025	0	
FWRI Environmentally Sensitive Shorelines	10/16/2025	0	
	10/16/2025	0	

Analysis Type		Date Run	Count
FWRI Florida Artificial Reefs			
FWRI Seagrass Beds (Showing Continuous/Discontinuous)		10/16/2025	0
FWRI US Coast Guard Aids to Navigation		10/16/2025	0
FWRI Unified Florida Coral Reef Tracts		10/16/2025	0
GEOPLAN 2040, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2040, NOAA2017 Intermediate-High (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2040, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2050, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2050, NOAA2017 Intermediate-High (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2050, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2070, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2070, NOAA2017 Intermediate-High (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2070, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2100, NOAA2017 Intermediate (Depth of Flooding)		10/16/2025	N/A
GEOPLAN 2100, NOAA2017 Intermediate-Low (Depth of Flooding)		10/16/2025	N/A
NOAA 7 Feet Sea Level Rise Inundation Depths		10/16/2025	N/A
NOAA Coastal Barrier Resource System		10/16/2025	0
NOAA Essential Fish Habitat (EFH)		10/16/2025	0
NOAA Marine Protected Areas		10/16/2025	0
NOAA Ocean Dredged Material Disposal Sites		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0

Analysis Type		Date Run	Count
NPS National Park Projects	i	10/16/2025	0
NPS National Parks and Seashores	i	10/16/2025	0
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries	i	10/16/2025	0
SFWMD Surface Water Projects	i	10/16/2025	0
USACE Major Dams	i	10/16/2025	0
USDOT Potential Navigable Waterways	i	10/16/2025	0
WMD FL Land Use and Land Cover (FLUCCS Level 3)	i	10/16/2025	22

GEOPLAN 2040, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2040_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2040, NOAA2017 Intermediate-High (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n4_2040_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2040, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2040_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2050, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2050_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2050, NOAA2017 Intermediate-High (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n4_2050_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2050, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2050_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2070, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2070_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2070, NOAA2017 Intermediate-High (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n4_2070_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2070, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2070_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2100, NOAA2017 Intermediate (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n3_2100_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

GEOPLAN 2100, NOAA2017 Intermediate-Low (Depth of Flooding)

Metadata: https://etdmpub.fl-a-etat.org/meta/n2_2100_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.78	100.0%
Totals	63.78	-

NOAA 7 Feet Sea Level Rise Inundation Depths

Metadata: https://etdmpub.fl-a-etat.org/meta/noaa_slr_7ft_reclass.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	63.71	100.0%
Totals	63.71	-

WMD FL Land Use and Land Cover (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
1400: COMMERCIAL AND SERVICES	4.23	6.64%
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
1700: INSTITUTIONAL	0.26	0.41%
8320: ELECTRICAL POWER TRANSMISSION LINES	0.13	0.2%
4340: HARDWOOD - CONIFEROUS MIXED	0.82	1.29%
1410: RETAIL SALES AND SERVICES	0.3	0.47%
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
8140: ROADS AND HIGHWAYS	56.7	89.02%
Totals	63.7	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

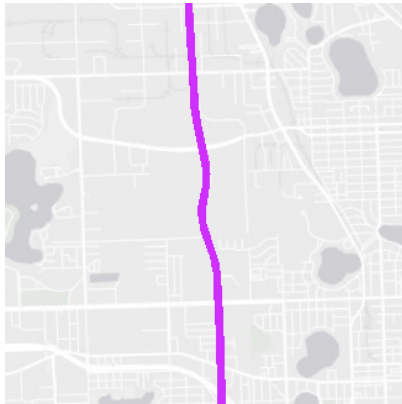
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Contamination			
BTS Abandoned Rails (Subset of BTS Rails)	i	10/16/2025	0
BTS Abandoned Rails 2015 (Subset of BTS Rails)	i	10/16/2025	0
FDEP Brownfield Location Boundaries	i	10/16/2025	2
FDEP DRASTIC Coverage for the Floridan Aquifer System	i	10/16/2025	2
FDEP DRASTIC Coverage for the Intermediate Aquifer	i	10/16/2025	0
FDEP DRASTIC Coverage for the Surficial Aquifer System	i	10/16/2025	1
FDEP Dry Cleaning Program Sites	i	10/16/2025	0
		10/16/2025	1

Analysis Type		Date Run	Count
FDEP Environmental Geology			
FDEP Environmental Restoration Integrated (ERIC) PFAS Sites		10/16/2025	0
FDEP Environmental Restoration Integrated Cleanup (ERIC) Sites		10/16/2025	0
FDEP Floridan Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Hazardous Waste Facilities		10/16/2025	3
FDEP Institutional Controls Registry Sites		10/16/2025	0
FDEP Intermediate Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Large Quantity Generators of Hazardous Waste		10/16/2025	0
FDEP Mandatory Phosphate Mine Boundaries		10/16/2025	0
FDEP NPDES Stormwater Permits		10/16/2025	2
FDEP National Pollutant Discharge Elimination System (NPDES) Stormwater Facilities and Activities		10/16/2025	0
FDEP Off Site Contamination Notices		10/16/2025	0
FDEP Petroleum Contamination Monitoring Sites		10/16/2025	0
FDEP Solid Waste Facilities		10/16/2025	0
FDEP State funded Hazardous Waste Cleanup Sites		10/16/2025	0
FDEP Storage Tank Contamination Monitoring (STCM)		10/16/2025	0
FDEP Subsidence Incident Reports for the State of Florida		10/16/2025	0
FDEP Superfund/National Priority List (NPL) Waste Cleanup Sites		10/16/2025	0
FDEP Surficial Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Treaters, Storers, and Disposers of Hazardous Waste		10/16/2025	0
FDEP Wastewater Facilities		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Waterbody IDs		10/16/2025	2
FDOH Biomedical Waste		10/16/2025	0
FDOH Known On-Site Septic Systems		10/16/2025	0
FDOH Likely On-Site Septic Systems		10/16/2025	0
FDOH Limited Use Drinking Water Wells		10/16/2025	0
FDOH Super Act Risk Sources		10/16/2025	0
FDOH Super Act Wells		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
NRCS List of Specific Soils - SSURGO		10/16/2025	19
NRCS Summary of Specific Soils - SSURGO		10/16/2025	19
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0
SFWMD Surface Water Projects		10/16/2025	0
SFWMD Environmental Resource Permit Project Activity Areas		10/16/2025	0
SFWMD Sensitive Karst Areas in the SWFWMD		10/16/2025	0
SFWMD Storm Water Management Permit Points		10/16/2025	0
SFWMD Water Use Permit Boundaries		10/16/2025	0
SFWMD Well Construction Permit Locations		10/16/2025	0
SFWMD Works of the District		10/16/2025	0
USCB 2010 Census Designated Places		10/16/2025	1
USEPA Assessment Cleanup and Redevelopment Exchange System (ACRES)		10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)		10/16/2025	17

Analysis Type		Date Run	Count
USEPA Power Plants	i	10/16/2025	0
USEPA Regulated Air Emissions Facilities (ICIS-AIR)	i	10/16/2025	0
USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities	i	10/16/2025	12
USEPA Superfund Hazardous Waste Sites	i	10/16/2025	0
USEPA Toxic Release Inventory Sites	i	10/16/2025	0
USGS Geologic Units and Structural Features	i	10/16/2025	1
WMD Agricultural Lands (FLUCCS Level 3)	i	10/16/2025	0

FDEP Brownfield Location Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/brownfields_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Area Name	Area of Interest	
	Acr	Pct
ORLANDO-SUNTERRA AREA	0.08	0.13%
DEEDS ORLANDO EXPANDED	22.62	35.51%
Totals	22.7	-

FDEP DRASTIC Coverage for the Floridan Aquifer System

Metadata: <https://etdmpub.fl-a-etat.org/meta/aqdrfl.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
129	37.39	58.7%
134	26.31	41.3%
Totals	63.7	-

FDEP DRASTIC Coverage for the Surficial Aquifer System

Metadata: <https://etdmpub.fl-a-etat.org/meta/aqdrsu.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
172	63.7	100%
Totals	63.7	-

FDEP Environmental Geology

Metadata: <https://etdmpub.fl-a-etat.org/meta/fdepgeo.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
CLAYEY SAND	63.7	100%
Totals	63.7	-

FDEP Floridan Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_fas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	64.72	100.0%
Totals	64.72	-

FDEP Hazardous Waste Facilities

Metadata: <https://etdmpub.fl-a-etat.org/meta/chaz.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

EPA ID	Site ID	Name	Google Map
FLD010504611	60235.0	MCCULLY CONSTRUCTION CO	https://www.google.com/maps/place/17RMM5935259716
FLD982151565	38643.0	AMERICAN SUNROOF OF FLORIDA INC	https://www.google.com/maps/place/17RMM5951157645
FLD984196915	57893.0	MASSEY CADILLAC INC	https://www.google.com/maps/place/17RMM5951257647

Summary: 3 feature(s) found within buffer.

FDEP Intermediate Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_ias_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.6	100.0%
Totals	63.6	-

FDEP NPDES Stormwater Permits

Metadata: https://etdmpub.fl-a-etat.org/meta/npdes_stormwater.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORANGE COUNTY [FLS000011]	FLS000011
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Surficial Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_sas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	1.78	2.82%
MORE VULNERABLE	3.78	5.99%
MOST VULNERABLE	57.6	91.2%
Totals	63.16	-

FDEP Waterbody IDs

Metadata: <https://etdmpub.fl-a-etat.org/meta/wbids.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
LITTLE WEKIVA CANAL [WBID: 3004]
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 63.7 acres, 100 percent of analysis area.

NRCS List of Specific Soils - SSURGO
NRCS List of Specific Soils characteristics

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
3102925	SMYRNA	45	SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	14670	NO	POORLY DRAINED	COMPLEX
323139	ONA	85	ONA FINE SAND, 0 TO 2 PERCENT SLOPES	5187	NO	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	YES	VERY POORLY DRAINED	ASSOCIATION
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323166	URBAN LAND	85	URBAN LAND, 0 TO 2 PERCENT	10864	UNRANKED	None	CONSOCIATION

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
323166	URBAN LAND	85	SLOPES URBAN LAND, 0 TO 2 PERCENT SLOPES	10864	UNRANKED	None	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323168	WABASSO	57	WABASSO-URBAN LAND COMPLEX	3514	NO	POORLY DRAINED	COMPLEX
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION

Summary: 63.7 acres, 100 percent of analysis area.

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name

Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

USEPA National Pollutant Discharge Elimination System (NPDES)

USEPA National Pollutant Discharge Elimination System (NPDES)

Metadata: <https://etdmpub.fl-a-etat.org/meta/epanpdes.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110010124846	GREYHOUND LINES INC	ICIS-NPDES NON-MAJOR
110010124846	GREYHOUND LINES INC	STORM WATER INDUSTRIAL
110040455851	PRINCETON RETAIL CONTRACTORS B	ICIS-NPDES NON-MAJOR
110040455851	PRINCETON RETAIL CONTRACTORS B	STORM WATER CONSTRUCTION
110064409126	CONTRACTORS BUSINESS PARK	ICIS-NPDES NON-MAJOR
110064409126	CONTRACTORS BUSINESS PARK	STORM WATER CONSTRUCTION
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	ICIS-NPDES NON-MAJOR
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110071069845	WAWA STORE 5100	ICIS-NPDES NON-MAJOR

Summary: 17 feature(s) found within buffer.

USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities

USEPA Resource Conservation and Recovery Act (RCRA) Regulated Facilities

Metadata: <https://etdmpub.fl-a-etat.org/meta/eparcra.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name
110002519775	LYNX
110002535123	HEINTZELMANS TRUCK CENTER INC
110002546086	B & B AUTO TRANSMISSION SERVICE
110002546264	TRS INC
110005276913	RAYS AUTO REPAIR
110005585223	FIBERGLASS PRODUCTS OF ORLANDO INC
110005587828	AMERICAN SUNROOF OF FLORIDA INC
110005602197	1ST DUTCH PRINTING INC
110005631236	SUNDANCE AUTO SPA INC
110006185421	MCCULLY CONSTRUCTION CO
110031308378	FLETCHER ENTERPRISES
110035501132	MASSEY CADILLAC INC

Summary: 12 feature(s) found within buffer.

USGS Geologic Units and Structural Features

Metadata: <https://etdmpub.fl-a-etat.org/meta/flgeol.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
UNDIFFERENTIATED SEDIMENTS	63.7	100%
Totals	63.7	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

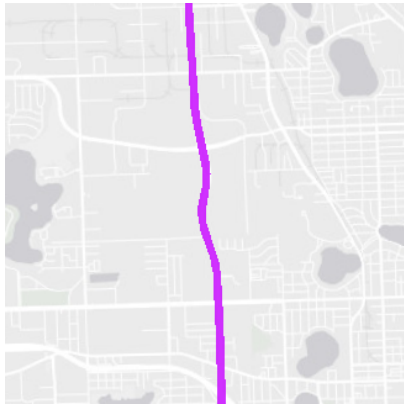
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Economic			
BTS 2010 Amtrak Intercity Railroad Terminals	i	10/16/2025	0
BTS Airports	i	10/16/2025	0
BTS Fixed-Guideway Transit Network Stations	i	10/16/2025	0
BTS Intermodal Passenger Connectivity Database (IPCD)	i	10/16/2025	0
FDOH Migrant Labor Camps	i	10/16/2025	0
FDOH Mobile Home and RV Parks	i	10/16/2025	0
FDOT Bus Transit Routes	i	10/16/2025	19
		10/16/2025	0

Analysis Type		Date Run	Count
FNAI Florida Forever Acquisitions			
FNAI Florida Forever BOT Projects		10/16/2025	0
GEOPLAN Airport Runways (Polygons)		10/16/2025	0
GEOPLAN American Indian Lands and Native Entities In Florida		10/16/2025	0
GEOPLAN Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Developments of Regional Impact (DRI)		10/16/2025	0
GEOPLAN GeoPlan Future Land Use 2020 - Level 2		10/16/2025	20
GEOPLAN Geocoded Veteran Facilities		10/16/2025	0
GEOPLAN Planned Unit Development		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0
USCB 2000 Census Data Block Groups - Housing		10/16/2025	7
USCB 2000 Census Data Block Groups - Income		10/16/2025	7
USCB 2000 Census Data Block Groups - Language		10/16/2025	7
USCB 2000 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2000 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2000 Census Data Block Groups - Population Totals		10/16/2025	7
USCB 2000 Census Data Block Groups - Transportation		10/16/2025	7
USCB 2000 US Census Block Data - Minority Population greater than 40%		10/16/2025	12
USCB 2010 Census County Demographics		10/16/2025	1
USCB 2010 Census Data Block Groups - Housing		10/16/2025	7

Analysis Type		Date Run	Count
USCB 2010 Census Data Block Groups - Income		10/16/2025	7
USCB 2010 Census Data Block Groups - Language		10/16/2025	7
USCB 2010 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2010 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2010 Census Data Block Groups - Population Totals		10/16/2025	7
USCB 2010 Census Data Block Groups - Race and Ethnicity		10/16/2025	7
USCB 2010 Census Data Block Groups - Transportation		10/16/2025	7
USCB 2010 Census Designated Places		10/16/2025	1
USCB 2010 US Census Block Data - Minority Population greater than 40%		10/16/2025	11
USCB 2020 Census Data Block Groups - Housing		10/16/2025	7
USCB 2020 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2020 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2020 Census Data Block Groups - Population Totals		10/16/2025	7
USCB 2020 Census Data Block Groups - Race and Ethnicity		10/16/2025	7
USCB 2020 US Census Block Data - Minority Population greater than 40%		10/16/2025	15
USCB 2023 American Community Survey Block Group Data - Geographic Mobility		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Household Language		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Housing		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Income		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Internet Access		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Language		10/16/2025	7

Analysis Type		Date Run	Count
USCB 2023 American Community Survey Block Group Data - Percentages		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Population Densities		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Population Totals		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Race and Ethnicity		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Transportation		10/16/2025	7
USCB County Demographics - 2000 Census		10/16/2025	1
WMD FL Land Use and Land Cover (FLUCCS Level 3)		10/16/2025	22

FDOT Bus Transit Routes

Metadata: <https://etdmpub.fl-a-etat.org/meta/trrts.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bus Route	0 Ft.
ROUTE 105 - W. COLONIAL DR/WINTER GARDEN	381.0
ROUTE 125 - SILVER STAR RD	2571.26
ROUTE 20 - MALIBU STREET/MERCY DR.	1461.89
ROUTE 25 - MERCY DR/SHADER RD	9919.12
ROUTE 303 - DISNEY DIRECT/WASHINGTON SHORES	4467.02
ROUTE 48 - W. COLONIAL DR/POWERS DRIVE	223.99
ROUTE 49 - W. COLONIAL DR/PINE HILLS RD	223.99
ROUTE 54 - OLD WINTER GARDEN RD	236.78

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.flu-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

USCB 2000 Census Data Block Groups - Housing

Metadata: https://etdmpub.flu-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950107011	426	411	15	922
120950117011	571	540	31	1568
120950117021	935	856	79	2370
120950118003	272	244	28	757
120950119011	895	814	81	2031
120950119021	139	133	6	510
120950124031	1889	1780	109	5101
Totals:	5,127	4,778	349	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income in 1999	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950107011	107306	41.98813056	6	0	0.65075922	922
120950117011	26250	11.4533205	365	51	25.0	1568
120950117021	18797	2.50569476	1021	35	43.17124736	2370
120950118003	50234	6.6098081	59	8	8.03814714	757
120950119011	19671	4.34397163	875	125	43.59740907	2031
120950119021	31630	1.02564103	143	0	28.03921569	510
120950124031	40243	11.64072633	781	68	15.40737818	5101
Totals:	N/A	N/A	3,250	287	N/A	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English "Not At All"	Density of People Per Acre That Speak English "Not Well"	% That Speak English "Not At All"	% That Speak English "Not Well"	Speak English "Not at All"	Speak English "Not Well"	Total Population
120950107011	0.0	0.00628566	0.0	0.6795017	0	6	922
120950117011	0.0	0.0	0.0	0.0	0	0	1568
120950117021	0.20813408	1.03075924	1.97833255	9.79745643	42	208	2370
120950118003	0.0	0.01975527	0.0	0.71326676	0	5	757
120950119011	0.01348102	0.08762664	0.74113287	4.81736368	14	91	2031
120950119021	0.0	0.04275227	0.0	2.86885246	0	14	510
120950124031	0.0143154	0.14017164	0.50901379	4.98409332	24	235	5101
Totals:	N/A	N/A	N/A	N/A	80	559	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race	% People(Age 16-64) with a Disability
120950107011	0.0	0.0	0.0	6.29067245	0.0	2.7180068
120950117011	0.76530612	1.2755102	97.19387755	0.0	0.0	14.68373494
120950117021	0.0	0.0	89.62025316	4.21940928	2.15189873	31.41780499
120950118003	0.0	0.0	71.07001321	12.41743725	3.5667107	15.2639087
120950119011	0.0	0.59084195	79.27129493	10.09354998	3.64352536	17.57543674
120950119021	1.37254902	0.0	63.92156863	0.0	0.0	22.33606557
120950124031	0.21564399	3.43069986	43.26602627	12.19368751	6.99862772	23.03287381

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre	Density of People Per Acre (Age 16-64) with a Disability
120950107011	0.0	0.0	0.0	0.06076142	0.0	0.02514266
120950117011	0.04391294	0.07318823	5.57694278	0.0	0.0	0.7135852
120950117021	0.0	0.0	10.52563766	0.49555733	0.25273424	3.30536738
120950118003	0.0	0.0	2.12566723	0.37139911	0.10667847	0.42276281
120950119011	0.0	0.01155516	1.55031743	0.19740067	0.07125683	0.31969279
120950119021	0.02137613	0.0	0.99551712	0.0	0.0	0.33285695
120950124031	0.00656123	0.10438314	1.31642048	0.37100749	0.2129416	0.64777193

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950107011	39	196	13	16	78	125	108	347
120950117011	132	279	98	113	126	141	214	465
120950117021	247	605	155	265	363	351	237	147
120950118003	56	179	35	50	88	122	127	100
120950119011	142	531	138	161	199	292	287	281
120950119021	22	63	30	30	58	172	73	62
120950124031	386	1183	341	495	743	887	811	255
Totals:	1,024	3,036	810	1,130	1,655	2,090	1,857	1,657

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950107011	0	171	196	44	0	0	0
120950117011	106	184	205	38	7	0	50
120950117021	224	421	151	41	9	10	157
120950118003	24	67	114	25	14	0	10
120950119011	243	400	103	42	26	0	71
120950119021	31	30	38	29	5	0	41
120950124031	181	754	550	189	94	12	48
Totals:	809	2,027	1,357	408	155	22	377

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 US Census Block Data - Minority Population greater than 40%
USCB 2000 Census Blocks with minority population greater than 40%

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2000 Population
120950117011000	100	11
120950117021017	100	8
120950118003001	89	135
120950118003017	85	20
120950118003018	88	59
120950119011010	50	4
120950119011043	79	38
120950119011044	55	29
120950119021000	46	151
120950119021008	100	6
120950119021016	100	4
120950119021018	50	14
Totals:	N/A	479

Summary: 22.32 acres, 35.0 percent of analysis area.

USCB 2010 Census County Demographics

USCB 2010 Census General Demographic Profile by County

Metadata: <https://etdmpub.fl-a-etat.org/meta/cntdem2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

County	Total 2010 Population	# Male	# Female	Median Age	# White	# Black or African American	# American Indian, Eskimo, or Aleut	# Asian	# Native Hawaiian and Other Pacific Islander	# Some Other Race	# Hispanic or Latino (of any race).	2010 Total Number of Households	Average Household Size
ORANGE	1145956	564326	581630	33.7	728795	238241	4532	56581	1266	77216	308244	421847	2.64

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	565	489	76	1373
120950117021	917	752	165	2058
120950124031	1843	1454	389	4263
120950183003	235	201	34	581
120950183004	358	316	42	1175
120950187001	469	441	28	947
120950187002	939	856	83	2061
Totals:	5,326	4,509	817	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income in 2009	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950117011	40700	9.82612212	269	40	12.32249198	1373
120950117021	18484	3.80100615	931	22	52.30337079	2058
120950124031	46510	4.64204663	534	34	11.06506424	4263
120950183003	61311	16.89587426	51	6	10.24096386	581
120950183004	37708	0.0	271	10	32.7294686	1175
120950187001	154113	31.42227122	50	0	5.51267916	947
120950187002	32275	4.28784489	1009	83	38.33586626	2061
Totals:	N/A	N/A	3,115	195	N/A	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English "Not At All"	Density of People Per Acre That Speak English "Not Well"	% That Speak English "Not At All"	% That Speak English "Not Well"	Speak English "Not at All"	Speak English "Not Well"	Speak English "Well"	Total Population
120950117011	0.03558893	0.18506245	0.42735043	2.22222222	10	52	13	1373
120950117021	0.17703363	1.02173693	2.25225225	12.998713	35	202	128	2058
120950124031	0.02615952	0.09591823	0.99601594	3.65205843	45	165	230	4263
120950183003	0.0	0.0	0.0	0.0	0	0	44	581
120950183004	0.0	0.02457933	0.0	2.03045685	0	16	39	1175
120950187001	0.0	0.0	0.0	0.0	0	0	0	947
120950187002	0.0	0.05267651	0.0	2.17219589	0	55	72	2061
Totals:	N/A	N/A	N/A	N/A	90	490	526	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race
120950117011	0.43699927	0.36416606	94.24617626	2.62199563	0.07283321
120950117021	0.43731778	0.48590865	95.18950437	1.36054422	1.02040816
120950124031	0.53952616	2.01735867	63.10110251	13.18320432	3.65939479
120950183003	0.17211704	1.20481928	85.71428571	7.22891566	2.75387263
120950183004	0.76595745	3.4893617	63.74468085	10.04255319	2.9787234
120950187001	0.21119324	0.63357973	1.90073918	5.80781415	0.42238648
120950187002	0.09704027	0.33964095	82.04754973	10.67442989	2.32896652

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre
120950117011	0.02135336	0.01779447	4.60520787	0.12812016	0.00355889
120950117021	0.04552293	0.05058104	9.90882502	0.1416269	0.10622018
120950124031	0.01337042	0.04999374	1.56375778	0.3267033	0.09068632
120950183003	0.00405095	0.02835666	2.01737405	0.17013998	0.06481523
120950183004	0.01382587	0.06298454	1.15062001	0.18127258	0.05376729
120950187001	0.00211152	0.00633456	0.01900367	0.05806676	0.00422304
120950187002	0.00191551	0.00670428	1.61956314	0.21070603	0.04597222

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	65	238	49	106	132	167	230	386
120950117021	257	460	120	223	269	260	319	150
120950124031	278	871	252	451	543	628	830	410
120950183003	40	122	43	57	62	71	124	62
120950183004	63	165	69	142	128	208	279	121
120950187001	31	121	20	34	53	96	245	347
120950187002	182	402	134	209	191	214	387	342
Totals:	916	2,379	687	1,222	1,378	1,644	2,414	1,818

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	52	1294	0	5	1	15	36	6
120950117021	14	1959	0	10	21	45	28	9
120950124031	1198	2690	0	86	156	110	562	23
120950183003	42	498	0	7	16	17	42	1
120950183004	305	749	1	41	35	35	118	9
120950187001	905	18	0	6	4	12	55	2
120950187002	272	1691	0	7	48	41	220	2
Totals:	2,788	8,899	1	162	281	275	1,061	52

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950117011	62	342	144	49	9	23	105
120950117021	144	468	49	11	0	0	132
120950124031	180	596	552	220	62	72	131
120950183003	16	95	16	13	0	0	0
120950183004	10	109	76	83	0	0	47
120950187001	0	135	228	53	0	0	0
120950187002	281	532	129	28	0	0	223
Totals:	693	2,277	1,194	457	71	95	638

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

USCB 2010 US Census Block Data - Minority Population greater than 40%

USCB Census Blocks 2010 with minority population greater than 40%

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2010 Population
120950183003000	93.8	162
120950183003013	73.3	30
120950183003015	66.7	6
120950183004000	75.8	351
120950183004006	89.6	106
120950183004007	83.0	88
120950183004008	80.3	76
120950183004009	91.1	56
120950183004064	100.0	6
120950187002011	94.6	202
120950187002027	72.7	11
Totals:	N/A	1,094

Summary: 22.63 acres, 35.5 percent of analysis area.

USCB 2020 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	573	537	36	1519
120950117021	1082	990	92	2542
120950124031	1094	1023	71	2605
120950183002	682	636	46	1336
120950183003	364	332	32	837
120950187001	460	435	25	1076
120950187002	894	829	65	2154
Totals:	5,149	4,782	367	12,069

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race
120950117011	0.2	0.59	84.27	10.8	4.81
120950117021	0.12	0.12	87.49	8.18	2.4
120950124031	0.54	2.19	62.11	15.2	7.41
120950183002	0.52	4.79	55.76	17.66	7.63
120950183003	0.24	1.43	76.22	10.87	3.11
120950187001	0.19	1.12	2.79	10.97	2.79
120950187002	0.23	1.07	72.38	13.46	6.13

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre
120950117011	0.01	0.03	4.55	0.58	0.26
120950117021	0.01	0.01	9.88	0.92	0.27
120950124031	0.01	0.04	1.15	0.28	0.14
120950183002	0.01	0.1	1.12	0.35	0.15
120950183003	0.0	0.03	1.43	0.2	0.06
120950187001	0.0	0.01	0.03	0.12	0.03
120950187002	0.0	0.02	1.52	0.28	0.13

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	62	217	101	131	168	155	321	364
120950117021	221	580	99	316	343	285	412	286
120950124031	161	499	108	264	409	353	529	282
120950183002	53	174	43	106	173	179	393	215
120950183003	40	124	22	76	89	129	213	144
120950187001	52	164	25	62	117	96	219	341
120950187002	119	371	82	248	341	199	393	401
Totals:	708	2,129	480	1,203	1,640	1,396	2,480	2,033

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	85	1280	0	9	73	69	164	3
120950117021	85	2224	0	3	61	166	208	3
120950124031	430	1618	0	57	193	293	396	14
120950183002	287	745	0	64	102	131	236	7
120950183003	100	638	0	12	26	59	91	2
120950187001	917	30	0	12	30	85	118	2
120950187002	306	1559	0	23	132	129	290	5
Totals:	2,210	8,094	0	180	617	932	1,503	36

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 US Census Block Data - Minority Population greater than 40%
USCB Census Blocks 2020 with minority population greater than 40%

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblk_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2020 Population
120950117011000	100.0	35
120950117011007	100.0	9
120950117021000	100.0	6
120950124031033	52.63	19
120950183002033	71.34	471
120950183002036	93.0	100
120950183002037	90.38	104
120950183002039	80.0	45
120950183002040	75.51	49
120950183002059	100.0	16
120950183003002	89.36	141
120950183003015	92.59	54
120950183003022	83.33	6
120950187002015	93.1	377
120950187002038	100.0	15
Totals:	N/A	1,447

Summary: 15.22 acres, 23.9 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Geographic Mobility

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median year - Total	Owner occupied (Median Year)	Renter Occupied (Median Year)	Geographical Mobility in the Past Year - Total	Same house 1 year ago	Different house in United States 1 year ago	Abroad 1 year ago
120950117011	2006	1989	2019	1625	1082	543	0
120950117021	2019	1997	2020	1896	1304	453	139
120950124031	2017	2015	2018	3030	2687	326	17
120950183002	2016	2013	2017	839	646	193	0
120950183003	2014	1997	2015	478	400	47	31
120950187001	2016	2015	0	1561	1518	32	11
120950187002	2019	2014	2019	1816	1650	116	50
Totals:	N/A	N/A	N/A	11,245	9,287	1,710	248

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Household Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total Households (HH) by HH Language	HH Not Limited English Speaking Status	Spanish: Limited English speaking HH	Indo-European languages: Limited English speaking HH	Asian and Pacific Island languages: Limited English speaking HH	Other languages: Limited English speaking HH
120950117011	421	421	0	0	0	0
120950117021	765	716	0	28	0	21
120950124031	1106	981	58	67	0	0
120950183002	435	392	43	0	0	0
120950183003	298	298	0	0	0	0
120950187001	567	567	0	0	0	0
120950187002	924	754	170	0	0	0
Totals:	4,516	4,129	271	95	0	21

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	491	421	70	1625
120950117021	1012	765	247	1926
120950124031	1253	1106	147	3064
120950183002	483	435	48	839
120950183003	355	298	57	478
120950187001	593	567	26	1561
120950187002	1051	924	127	1930
Totals:	5,238	4,516	722	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950117011	54728	12.98	263	23	17.59	1625
120950117021	37024	3.89	428	0	22.22	1926
120950124031	33052	5.29	1076	33	35.22	3064
120950183002	46731	4.41	220	35	26.22	839
120950183003	0	5.23	139	0	29.08	478
120950187001	250001	27.48	0	10	0.0	1561
120950187002	50818	5.8	580	0	30.66	1930
Totals:	N/A	N/A	2,706	101	N/A	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Internet Access

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total Households Types of Computers in HH	Households with 1 or more device	Households with no computer	Total Households Presence and Types of Internet Subscriptions	Households with an internet subscription	Households with no internet access	Households with internet access without a subscription
120950117011	421	402	19	421	365	51	5
120950117021	765	691	74	765	591	174	0
120950124031	1106	1106	0	1106	945	148	13
120950183002	435	346	89	435	222	164	49
120950183003	298	298	0	298	206	57	35
120950187001	567	567	0	567	555	12	0
120950187002	924	833	91	924	763	146	15
Totals:	4,516	4,243	273	4,516	3,647	752	117

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English Not At All	Density of People Per Acre That Speak English Not Well	% That Speak English Not At All	% That Speak English Not Well	Speak English Not at All	Speak English Not Well	Speak English Well	Total Population
120950117011	0.04	0.27	0.75	4.67	12	75	101	1625
120950117021	0.0	0.25	0.0	3.18	0	56	35	1926
120950124031	0.0	0.15	0.0	7.38	0	207	257	3064
120950183002	0.0	0.18	0.0	15.31	0	122	10	839
120950183003	0.0	0.0	0.0	0.0	0	0	11	478
120950187001	0.05	0.01	3.23	0.73	49	11	84	1561
120950187002	0.02	0.0	1.08	0.0	19	0	299	1930
Totals:	N/A	N/A	N/A	N/A	80	471	797	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race	% People(Age 20-64) with a Disability
120950117011	0.0	0.0	92.62	3.02	1.35	17.03
120950117021	1.04	0.0	85.15	9.09	0.0	13.64
120950124031	0.0	5.12	74.31	8.78	0.1	20.6
120950183002	0.0	1.19	46.25	26.82	13.23	28.0
120950183003	0.0	0.0	88.28	7.74	0.0	33.24
120950187001	0.0	1.47	1.92	16.46	2.43	0.0
120950187002	0.0	0.0	75.34	18.86	0.52	20.28

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre	Density of People Per Acre (Age 20-64) with a Disability
120950117011	0.0	0.0	5.35	0.17	0.08	0.5
120950117021	0.09	0.0	7.28	0.78	0.0	0.55
120950124031	0.0	0.11	1.62	0.19	0.0	0.26
120950183002	0.0	0.01	0.58	0.34	0.17	0.27
120950183003	0.0	0.0	0.94	0.08	0.0	0.27
120950187001	0.0	0.02	0.03	0.27	0.04	0.0
120950187002	0.0	0.0	1.41	0.35	0.01	0.21

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	20	411	36	15	154	173	478	338
120950117021	164	463	52	186	242	178	303	338
120950124031	258	643	118	330	410	268	661	376
120950183002	42	0	28	133	160	67	262	147
120950183003	0	0	0	25	135	46	161	111
120950187001	44	490	3	42	191	87	431	273
120950187002	171	156	101	198	87	201	518	498
Totals:	699	2,163	338	929	1,379	1,020	2,814	2,081

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	71	1505	0	0	22	27	49	0
120950117021	168	1640	0	0	0	98	175	20
120950124031	426	2277	0	157	3	201	269	0
120950183002	295	388	0	10	111	35	225	0
120950183003	56	422	0	0	0	0	37	0
120950187001	1208	30	0	23	38	262	257	0
120950187002	314	1454	0	0	10	152	364	0
Totals:	2,538	7,716	0	190	184	775	1,376	20

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950117011	20	79	178	144	0	0	12
120950117021	75	407	228	37	18	0	92
120950124031	124	399	462	91	0	30	34
120950183002	141	131	138	25	0	0	18
120950183003	12	177	109	0	0	0	123
120950187001	9	94	335	129	0	0	0
120950187002	140	593	158	33	0	0	126
Totals:	521	1,880	1,608	459	18	30	405

Summary: 63.7 acres, 100 percent of analysis area.

USCB County Demographics - 2000 Census

USCB 2000 Census General Demographic Profile by County

Metadata: <https://etdmpub.fl-a-etat.org/meta/cntdem.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

County	Total Population	# Male	# Female	Median Age	# White	# Black or African American	# American Indian, Eskimo, or Aleut	# Asian	# Native Hawaiian and Other Pacific Islander	# Some Other Race	# Hispanic or Latino (of any race).	Total Number of Households	Average Household Size
ORANGE	896344.0	443716.0	452628.0	33.3	614830.0	162899.0	3079.0	30033.0	843.0	53889.0	168361.0	336286.0	2.61

Summary: 63.7 acres, 100 percent of analysis area.

WMD FL Land Use and Land Cover (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
1400: COMMERCIAL AND SERVICES	4.23	6.64%
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
1700: INSTITUTIONAL	0.26	0.41%
8320: ELECTRICAL POWER TRANSMISSION LINES	0.13	0.2%
4340: HARDWOOD - CONIFEROUS MIXED	0.82	1.29%
1410: RETAIL SALES AND SERVICES	0.3	0.47%
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
8140: ROADS AND HIGHWAYS	56.7	89.02%
Totals	63.7	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

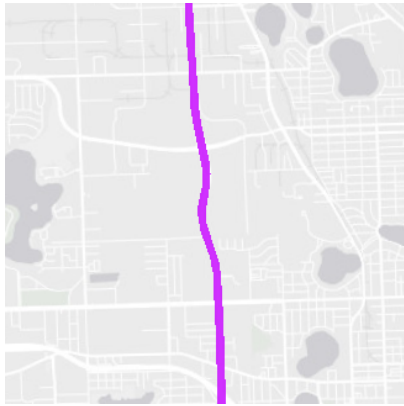
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Farmlands			
FDACS Irrigated Cropland and Non-Irrigated Agricultural Areas	i	10/16/2025	0
FDACS Rural and Family Lands Protection Program (RFLPP)	i	10/16/2025	0
FDOT Urbanized Areas	i	10/16/2025	1
GEOPLAN Generalized Agricultural Land Use (Parcel Derived)	i	10/16/2025	0
GEOPLAN Prime Farmland in Florida with Associated Level 3 Water Management District Land Use Descriptions	i	10/16/2025	0
NRCS List of Specific Soils - SSURGO	i	10/16/2025	19
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data	i	10/16/2025	3
		10/16/2025	19

Analysis Type		Date Run	Count
NRCS Summary of Specific Soils - SSURGO	i		
USCB 2020 Census Urban Areas	i	10/16/2025	1
WMD Agricultural Lands (FLUCCS Level 3)	i	10/16/2025	0

FDOT Urbanized Areas

FDOT Urban Exclusion Area

Metadata: <https://etdmpub.fl-a-etat.org/meta/urban.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
ORLANDO

Summary: 63.7 acres, 100 percent of analysis area.

NRCS List of Specific Soils - SSURGO
NRCS List of Specific Soils characteristics

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
3102925	SMYRNA	45	SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	14670	NO	POORLY DRAINED	COMPLEX
323139	ONA	85	ONA FINE SAND, 0 TO 2 PERCENT SLOPES	5187	NO	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	YES	VERY POORLY DRAINED	ASSOCIATION
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323166	URBAN LAND	85	URBAN LAND, 0 TO 2 PERCENT	10864	UNRANKED	None	CONSOCIATION

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
323166	URBAN LAND	85	SLOPES URBAN LAND, 0 TO 2 PERCENT SLOPES	10864	UNRANKED	None	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323168	WABASSO	57	WABASSO-URBAN LAND COMPLEX	3514	NO	POORLY DRAINED	COMPLEX
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION

Summary: 63.7 acres, 100 percent of analysis area.

NRCS Prime Farm Land - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Farmland Classification	Area of Interest	
	Acr	Pct
FARMLAND OF UNIQUE IMPORTANCE	4.74	7.45%
Totals	4.74	-

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

USCB 2020 Census Urban Areas

Metadata: <https://etdmpub.fl-a-etat.org/meta/ua2020.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
Orlando, FL Urban Area	63.7	100%
Totals	63.7	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

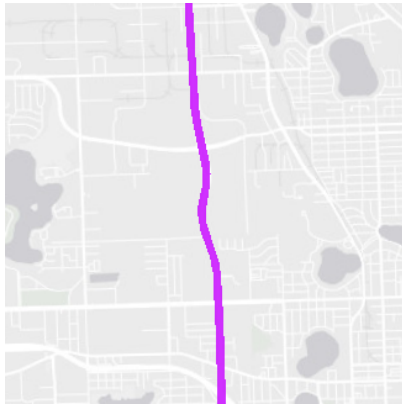
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Floodplains			
FDEP Dry Cleaning Program Sites	i	10/16/2025	0
FDEP Environmental Restoration Integrated (ERIC) PFAS Sites	i	10/16/2025	0
FDEP Environmental Restoration Integrated Cleanup (ERIC) Sites	i	10/16/2025	0
FDEP Hazardous Waste Facilities	i	10/16/2025	3
FDEP Institutional Controls Registry Sites	i	10/16/2025	0
FDEP Large Quantity Generators of Hazardous Waste	i	10/16/2025	0
FDEP List of Aquatic Preserves	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Petroleum Contamination Monitoring Sites			
FDEP Solid Waste Facilities		10/16/2025	0
FDEP State funded Hazardous Waste Cleanup Sites		10/16/2025	0
FDEP Storage Tank Contamination Monitoring (STCM)		10/16/2025	0
FDEP Treaters, Storers, and Disposers of Hazardous Waste		10/16/2025	0
FDEP Waterbody IDs		10/16/2025	2
FDOH Biomedical Waste		10/16/2025	0
FDOH Known On-Site Septic Systems		10/16/2025	0
FDOH Likely On-Site Septic Systems		10/16/2025	0
FDOH Super Act Risk Sources		10/16/2025	0
FEMA DFIRM (SFHA) 100 Year Flood Zones		10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain		10/16/2025	N/A
FEMA DFIRM 500 Year Floodplain		10/16/2025	N/A
FEMA DFIRM Panel Areas		10/16/2025	2
FEMA DFIRM Regulatory Floodway		10/16/2025	0
FWRI Boat Ramps		10/16/2025	0
FWRI Environmentally Sensitive Shorelines		10/16/2025	0
FWRI Mangroves		10/16/2025	0
FWRI Marinas		10/16/2025	0
NOAA Coastal Barrier Resource System		10/16/2025	0
NOAA FDEM Storm Surge Zones in Florida (10m raster)		10/16/2025	N/A

Analysis Type		Date Run	Count
NOAA Marine Protected Areas		10/16/2025	0
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0
SFWMD Surface Water Projects		10/16/2025	0
USACE Major Dams		10/16/2025	0
USDOT Potential Navigable Waterways		10/16/2025	0

FDEP Hazardous Waste Facilities

Metadata: <https://etdmpub.fl-a-etat.org/meta/chaz.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

EPA ID	Site ID	Name	Google Map
FLD010504611	60235.0	MCCULLY CONSTRUCTION CO	https://www.google.com/maps/place/17RMM5935259716
FLD982151565	38643.0	AMERICAN SUNROOF OF FLORIDA INC	https://www.google.com/maps/place/17RMM5951157645
FLD984196915	57893.0	MASSEY CADILLAC INC	https://www.google.com/maps/place/17RMM5951257647

Summary: 3 feature(s) found within buffer.

FDEP Waterbody IDs

Metadata: <https://etdmpub.fl-a-etat.org/meta/wbids.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
LITTLE WEKIVA CANAL [WBID: 3004]
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 63.7 acres, 100 percent of analysis area.

FEMA DFIRM (SFHA) 100 Year Flood Zones

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100_floodzones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
AE	4.42	6.91%
Totals	64	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM 500 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_500.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	59.58	93.09%
500 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM Panel Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_panel.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0235F	2009-09-25 00:00:00
12095C0245F	2009-09-25 00:00:00

Summary: 63.7 acres, 100 percent of analysis area.

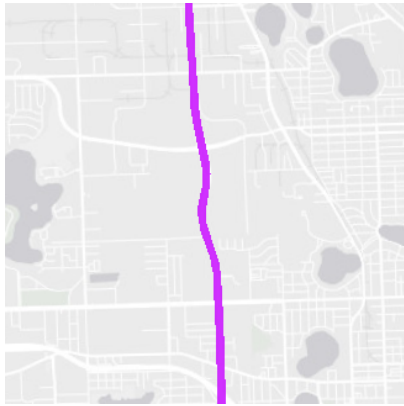
NOAA FDEM Storm Surge Zones in Florida (10m raster)

Metadata: https://etdmpub.fl-a-etat.org/meta/ss_zones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
Outside Storm Surge Zone	63.93	100.0%
Totals	63.93	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest**Description:****Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025**MTP2050 - JYP from SR 408 to Shader Rd - Feature 1**

Analysis Type	Date Run	Features within AOI	
		Count	
Historic and Archaeological Sites			
BAR Florida Site File Archaeological or Historic Sites		10/16/2025	0
BAR Florida Site File Areas with No Field Survey Project Boundary Present		10/16/2025	1
BAR Florida Site File Cemeteries		10/16/2025	0
BAR Florida Site File Field Survey Project Boundaries		10/16/2025	6
BAR Florida Site File Historic Bridges		10/16/2025	0
BAR Florida Site File Historic Standing Structures		10/16/2025	0
BAR Florida Site File Resource Groups		10/16/2025	2
		10/16/2025	0

Analysis Type		Date Run	Count
BAR National Register of Historic Places			
BTS Abandoned Rails (Subset of BTS Rails)		10/16/2025	0
BTS Abandoned Rails 2015 (Subset of BTS Rails)		10/16/2025	0
BTS National Bridge Inventory		10/16/2025	1
FDEP Environmental Geology		10/16/2025	1
FDOT 5 Year Crash Rates (2014-2018)		10/16/2025	12
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	1
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	411
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	284
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	148
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	107
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	87
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	204
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	287
FDOT RCI Bridges		10/16/2025	1

Analysis Type		Date Run	Count
FDOT State Historic Highways		10/16/2025	0
FWRI Boat Ramps		10/16/2025	0
FWRI Marinas		10/16/2025	0
GEOPLAN American Indian Lands and Native Entities In Florida		10/16/2025	0
GEOPLAN Golf Courses		10/16/2025	0
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN List Year Built (housing stock aged 40 - 44 years)		10/16/2025	4
GEOPLAN List Year Built (housing stock aged 45 - 49 years)		10/16/2025	1
GEOPLAN National Historic Preservation Act - Florida Certified Local Governments		10/16/2025	1
GEOPLAN Summary - Year Built (Post 1970)		10/16/2025	17
GEOPLAN Summary - Year Built (Pre 1970)		10/16/2025	13
GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)		10/16/2025	4
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)		10/16/2025	1
NRCS List of Specific Soils - SSURGO		10/16/2025	19
NRCS Summary of Specific Soils - SSURGO		10/16/2025	19
Signal 4 Fatal Crashes (2017)		10/16/2025	0
Signal 4 Fatal Crashes (2018-2020)		10/16/2025	5
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	2
Signal 4 Fatal Crashes (2023)		10/16/2025	0
Signal 4 Fatal Crashes (2024)		10/16/2025	0

Analysis Type		Date Run	Count
Signal 4 Non-Fatal Crashes (2017)	i	10/16/2025	292
Signal 4 Non-Fatal Crashes (2018-2020)	i	10/16/2025	898
Signal 4 Non-Fatal Crashes (2021)	i	10/16/2025	249
Signal 4 Non-Fatal Crashes (2022)	i	10/16/2025	260
Signal 4 Non-Fatal Crashes (2023)	i	10/16/2025	242
Signal 4 Non-Fatal Crashes (2024)	i	10/16/2025	201
USCB 2010 Census Designated Places	i	10/16/2025	1
USGS Township Range Section	i	10/16/2025	4
WMD Water Management District Owned Lands	i	10/16/2025	0

BAR Florida Site File Areas with No Field Survey Project Boundary Present

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_no_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
NO FIELD SURVEY PRESENT	12.29	19.29%
Totals	12.29	-

BAR Florida Site File Field Survey Project Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE EXISTING JOHN YOUNG CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10430.0
CULTURAL RESOURCE ASSESSMENT SURVEY FOR THE RAILROAD CROSSING IMPROVEMENTS AT SILVER METEOR DRIVE AND HANSROB ROAD, ORANGE COUNTY, FLORIDA	2022	28311.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF THE JOHN YOUNG PARKWAY EXTENSION, ORANGE COUNTY, FLORIDA	1999	5674.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED MULTILANING OF SR 423/JOHN YOUNG PARKWAY FROM CHURCH STREET TO TECHNOLOGY DRIVE IN ORANGE COUNTY	1989	1986.0
REVISED TECHNICAL MEMORANDUM NO. 5 CULTURAL RESOURCES EFFECTS EVALUATION FOR THE CITY OF ORLANDO SIDEWALKS PROJECT WORK ZONES 2, 3, 4, 5, 6, 7, 10, 18, AND 21, ORANGE COUNTY, FLORIDA	2013	19585.0

Summary: 84.38 acres, 100 percent of analysis area.

BAR Florida Site File Resource Groups

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_res_groups.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Site ID	Site Name	Resource Group Type	Time Period of Significance	Time Period of Significance	SHPO Evaluation
OR11815	SEABOARD COAST LINE RAILROAD SPUR	LINEAR RESOURCE			INSUFFICIENT INFORMATION
OR11820	2534 HANSROB ROAD RESOURCE GROUP	FMSF BUILDING COMPLEX			INELIGIBLE FOR NRHP

Summary: 0.33 acres, 0.5 percent of analysis area.

BTS National Bridge Inventory

Metadata: https://etdmpub.fl-a-etat.org/meta/bts_bridge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Google Map
JOHN YOUNG PKWY [SR-408 - SR-408 - JOHN YOUNG PKWY]	https://www.google.com/maps/place/17RMM5952357371

Summary: 1 feature(s) found within buffer.

FDEP Environmental Geology

Metadata: <https://etdmpub.fl-a-etat.org/meta/fdepgeo.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
CLAYEY SAND	63.7	100%
Totals	63.7	-

FDOT 5 Year Crash Rates (2014-2018)

FDOT 5 Year Crash Rates (Safety ratio greater than 1)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_counts_2018.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
97.5	SR423	75190000	1.20017745
97.5	SR423	75190000	1.25310952
99.99	SR408	75008000	1.6306613
99.99	SR416	75250000	4.75285539
99.99	SR423	75190000	1.64694113
99.99	SR423	75190000	2.41946822
99.99	SR50	75050000	2.36893707
99.99	SR423	75190001	2.60580263
99.99	SR423	75190000	4.2886644
99.99	SR423	75190000	6.97073185
99.99	SR438	75251000	3.81669202
99.99	SR423	75190001	1.4799947

Summary: 9648.68 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2005	1
2007	1

FDOT Fatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2008	1
2009	1

FDOT Fatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2011	2

FDOT Fatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2012	1

FDOT Fatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	2

FDOT Fatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2014	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	145
2006	128
2007	138

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	144
2009	140

FDOT Nonfatal Crashes on SHS Roadways (2010)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	148

FDOT Nonfatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	107

FDOT Nonfatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	87

FDOT Nonfatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	204

FDOT Nonfatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	287

FDOT RCI Bridges

Metadata: <https://etdmpub.fl-a-etat.org/meta/bridges.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bridge Number
750235

Summary: 196.5 linear feet within buffer.

GEOPLAN List Year Built (housing stock aged 40 - 44 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Acres	Google Map
1979	63.7	https://www.google.com/maps/place/17RMM5947557569
1980	63.7	https://www.google.com/maps/place/17RMM5959658672
1980	63.7	https://www.google.com/maps/place/17RMM5961657429
1982	63.7	https://www.google.com/maps/place/17RMM5948657718

Summary: 0.35 acres, 0.6 percent of analysis area.

GEOPLAN List Year Built (housing stock aged 45 - 49 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Acres	Google Map
1976	63.7	https://www.google.com/maps/place/17RMM5941657247

Summary: 0.0 acres, 0.0 percent of analysis area.

GEOPLAN National Historic Preservation Act - Florida Certified Local Governments

Metadata: <https://etdmpub.fl-a-etat.org/meta/clgbnd.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FCLG	Contact Name
CITY OF ORLANDO	HEATHER BONDS

Summary: 52.17 acres, 81.9 percent of analysis area.

GEOPLAN Summary - Year Built (Post 1970)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_decades.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1970 - 1979	0.24	0.38%
1980 - 1989	0.61	0.95%
1990 - 1999	0.11	0.17%
2000 - 2009	0.53	0.84%
2010 - 2019	0.05	0.08%
2020 - 2029	0.01	0.02%
Totals	1.56	-

GEOPLAN Summary - Year Built (Pre 1970)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_decades.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1940 - 1949	0.01	0.02%
1950 - 1959	0.19	0.3%
1960 - 1969	0.88	1.39%
Totals	1.07	-

GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Area of Interest	
	Acr	Pct
1982	0.01	0.02%
1979	0.17	0.27%
1980	0.17	0.27%
Totals	0.35	-

GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Area of Interest	
	Acr	Pct
1976	0	0.0%
Totals	0	-

NRCS List of Specific Soils - SSURGO

NRCS List of Specific Soils characteristics

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
3102925	SMYRNA	45	SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	14670	NO	POORLY DRAINED	COMPLEX
323139	ONA	85	ONA FINE SAND, 0 TO 2 PERCENT SLOPES	5187	NO	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	YES	VERY POORLY DRAINED	ASSOCIATION
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323166	URBAN LAND	85	URBAN LAND, 0 TO 2 PERCENT	10864	UNRANKED	None	CONSOCIATION

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
323166	URBAN LAND	85	SLOPES URBAN LAND, 0 TO 2 PERCENT SLOPES	10864	UNRANKED	None	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323168	WABASSO	57	WABASSO-URBAN LAND COMPLEX	3514	NO	POORLY DRAINED	COMPLEX
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION

Summary: 63.7 acres, 100 percent of analysis area.

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.flas-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

Signal 4 Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	3
2019	2

Signal 4 Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	1

Signal 4 Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	2

Signal 4 Non-Fatal Crashes (2017)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2017.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	292

Signal 4 Non-Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	330
2019	320
2020	248

Signal 4 Non-Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	249

Signal 4 Non-Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	260

Signal 4 Non-Fatal Crashes (2023)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	242

Signal 4 Non-Fatal Crashes (2024)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2024.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	201

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

USGS Township Range Section

USGS Public Land Surveys, Township Range Section

Metadata: <https://etdmpub.fl-a-etat.org/meta/plss.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

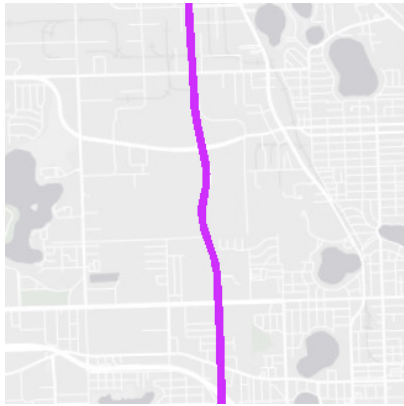
Township, Range, Section
22S29E09
22S29E16
22S29E21
22S29E28

Summary: 63.7 acres, 100 percent of analysis area.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Infrastructure			
BTS (FRA) Railroad Crossings		10/16/2025	1
BTS 2010 Amtrak Intercity Railroad Terminals		10/16/2025	0
BTS Airports		10/16/2025	0
DOACS Florida Forest Service Facility Locations - 2015		10/16/2025	0
FCC AM Tower Structures		10/16/2025	0
FCC Cellular Antenna Locations		10/16/2025	0
FCC FM Tower Structures		10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FCC Television Broadcast Structure Locations			
FCC Wireless Antenna Structure Locations		10/16/2025	0
FDEP Certified Power Plants		10/16/2025	0
FDEP Dry Cleaning Program Sites		10/16/2025	0
FDEP Environmental Restoration Integrated (ERIC) PFAS Sites		10/16/2025	0
FDEP Environmental Restoration Integrated Cleanup (ERIC) Sites		10/16/2025	0
FDEP Hazardous Waste Facilities		10/16/2025	3
FDEP Institutional Controls Registry Sites		10/16/2025	0
FDEP Large Quantity Generators of Hazardous Waste		10/16/2025	0
FDEP Mitigation Bank Service Areas		10/16/2025	11
FDEP Mitigation Banks		10/16/2025	0
FDEP Petroleum Contamination Monitoring Sites		10/16/2025	0
FDEP Public Water Supply (PWS) Plants		10/16/2025	0
FDEP Solid Waste Facilities		10/16/2025	0
FDEP State funded Hazardous Waste Cleanup Sites		10/16/2025	0
FDEP Storage Tank Contamination Monitoring (STCM)		10/16/2025	0
FDEP Treaters, Stors, and Disposers of Hazardous Waste		10/16/2025	0
FDEP Wastewater Facilities		10/16/2025	0
FDOH Limited Use Drinking Water Wells		10/16/2025	0
FDOT Federal Aviation Administration Obstructions		10/16/2025	0
FDOT RCI Grade Level Railroad Crossings		10/16/2025	1

Analysis Type		Date Run	Count
FDOT Railroad Crossings (RHCI)	i	10/16/2025	1
FDOT Railroads in the State of Florida	i	10/16/2025	1
FWRI Boat Ramps	i	10/16/2025	0
FWRI Marinas	i	10/16/2025	0
GEOPLAN Airport Runways (Polygons)	i	10/16/2025	0
GEOPLAN Aviation Transportation Facilities	i	10/16/2025	0
GEOPLAN Correctional Facilities	i	10/16/2025	0
GEOPLAN Hospitals	i	10/16/2025	0
ORNL Electric Power Transmission Lines	i	10/16/2025	1
ORNL Electric Substations	i	10/16/2025	0
USACE Major Dams	i	10/16/2025	0
USACE Mitigation Bank and In-Lieu Fee Program Sites	i	10/16/2025	0
USCB 2010 Census Designated Places	i	10/16/2025	1
USEIA Natural Gas Pipelines	i	10/16/2025	0
USEPA Power Plants	i	10/16/2025	0

BTS (FRA) Railroad Crossings

Metadata: https://etdmpub.fl-a-etat.org/meta/rail_xing.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FRA Crossing Inventory

<http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Crossing/Report.aspx?phasetype=C&rpttype=I&txtcrossingnum=622370W>

Summary: 1 feature(s) found within buffer.

FDEP Hazardous Waste Facilities

Metadata: <https://etdmpub.fl-a-etat.org/meta/chaz.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

EPA ID	Site ID	Name	Google Map
FLD010504611	60235.0	MCCULLY CONSTRUCTION CO	https://www.google.com/maps/place/17RMM5935259716
FLD982151565	38643.0	AMERICAN SUNROOF OF FLORIDA INC	https://www.google.com/maps/place/17RMM5951157645
FLD984196915	57893.0	MASSEY CADILLAC INC	https://www.google.com/maps/place/17RMM5951257647

Summary: 3 feature(s) found within buffer.

FDEP Mitigation Bank Service Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/mgbank_servarea.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
BLACKWATER CREEK	SJRWMD	4-069-92314-1
BULLFROG BAY	SFWMD	53-00004-M
COLLANY	SFWMD	53-00005-M
FLORIDA	DEP	138562
HATCHINEHA RANCH	SFWMD	53-00003-M
QUICKDRAW	SFWMD	49-00003-M
SHINGLE CREEK	SFWMD	49-01937-M
SOUTHPORT RANCH	SFWMD	49-00002-M
SPLIT OAK FOREST	SFWMD	48-00002-M
TWIN OAKS	SFWMD	49-00007-M
WEKIVA RIVER	DEP	234803-013

Summary: 243.54 acres, 100 percent of analysis area.

FDOT RCI Grade Level Railroad Crossings

Metadata: https://etdmpub.fl-a-etat.org/meta/rci_rail_xing.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crossing Number

622370W

Summary: 1 feature(s) found within buffer.

FDOT Railroad Crossings (RHCI)

Metadata: https://etdmpub.fl-a-etat.org/meta/fro_rhci.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DOT Crossing Inventory Number	Position of Crossing	Purpose of Crossing	Latitude	Longitude	Google Map
622370W	AT GRADE	HIGHWAY VEHICLE	28.58001896	-81.41653116	https://www.google.com/maps/place/17RMM5926661527

Summary: 1 feature(s) found within buffer.

FDOT Railroads in the State of Florida

FDOT Railroads in the State of Florida, measured in linear feet.

Metadata: https://etdmpub.fl-a-etat.org/meta/fro_rails.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	0 Ft.
SPUR	171.64

ORNL Electric Power Transmission Lines

Metadata: <https://etdmpub.fl-a-etat.org/meta/powerlines.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Owner
POWER TRANSMISSION LINE (VOLTAGE: 100-161)	NOT AVAILABLE

Summary: 178.59 linear feet within buffer.

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.flh-ehat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

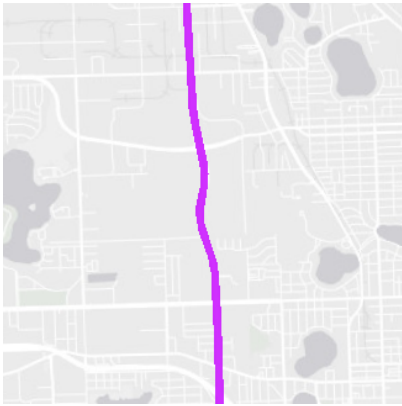
MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:
Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Land Use Changes			
FDEP Brownfield Location Boundaries		10/16/2025	2
FDOT 5 Year Crash Rates (2014-2018)		10/16/2025	12
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	1
		10/16/2025	2

Analysis Type		Date Run	Count
FDOT Fatal Crashes on SHS Roadways (2013)			
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	1
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	411
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	284
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	148
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	107
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	87
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	204
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	287
FNAI Florida Forever Acquisitions		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
GEOPLAN Generalized Land Use		10/16/2025	29
GEOPLAN GeoPlan Future Land Use 2020 - Level 2		10/16/2025	20
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN Planned Unit Development		10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
GEOPLAN U.S. Military Installations		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0
Signal 4 Fatal Crashes (2017)		10/16/2025	0

Analysis Type		Date Run	Count
Signal 4 Fatal Crashes (2018-2020)		10/16/2025	5
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	2
Signal 4 Fatal Crashes (2023)		10/16/2025	0
Signal 4 Fatal Crashes (2024)		10/16/2025	0
Signal 4 Non-Fatal Crashes (2017)		10/16/2025	292
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	898
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	249
Signal 4 Non-Fatal Crashes (2022)		10/16/2025	260
Signal 4 Non-Fatal Crashes (2023)		10/16/2025	242
Signal 4 Non-Fatal Crashes (2024)		10/16/2025	201
USCB 2010 Census Designated Places		10/16/2025	1
USEPA Assessment Cleanup and Redevelopment Exchange System (ACRES)		10/16/2025	0
USGS Township Range Section		10/16/2025	4
WMD FL Land Use and Land Cover (FLUCCS Level 3)		10/16/2025	22
WMD Water Management District Owned Lands		10/16/2025	0

FDEP Brownfield Location Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/brownfields_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Area Name	Area of Interest	
	Acr	Pct
ORLANDO-SUNTERRA AREA	0.08	0.13%
DEEDS ORLANDO EXPANDED	22.62	35.51%
Totals	22.7	-

FDOT 5 Year Crash Rates (2014-2018)

FDOT 5 Year Crash Rates (Safety ratio greater than 1)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_counts_2018.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
97.5	SR423	75190000	1.20017745
97.5	SR423	75190000	1.25310952
99.99	SR408	75008000	1.6306613
99.99	SR416	75250000	4.75285539
99.99	SR423	75190000	1.64694113
99.99	SR423	75190000	2.41946822
99.99	SR50	75050000	2.36893707
99.99	SR423	75190001	2.60580263
99.99	SR423	75190000	4.2886644
99.99	SR423	75190000	6.97073185
99.99	SR438	75251000	3.81669202
99.99	SR423	75190001	1.4799947

Summary: 9648.68 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2005	1
2007	1

FDOT Fatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2008	1
2009	1

FDOT Fatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2011	2

FDOT Fatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2012	1

FDOT Fatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	2

FDOT Fatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2014	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	145
2006	128
2007	138

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	144
2009	140

FDOT Nonfatal Crashes on SHS Roadways (2010)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	148

FDOT Nonfatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	107

FDOT Nonfatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	87

FDOT Nonfatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	204

FDOT Nonfatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.flu-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	287

GEOPLAN Generalized Land Use

Metadata: https://etdmpub.flu-etat.org/meta/lu_gen.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
INDUSTRIAL	0.72	1.13%
INSTITUTIONAL	0.5	0.78%
PUBLIC/SEMI-PUBLIC	0.08	0.13%
ROW	0.01	0.02%
RESIDENTIAL	0.22	0.34%
RETAIL/OFFICE	1.08	1.69%
VACANT NONRESIDENTIAL	0.09	0.15%
Totals	2.69	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.flu-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

Signal 4 Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	3
2019	2

Signal 4 Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	1

Signal 4 Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	2

Signal 4 Non-Fatal Crashes (2017)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2017.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	292

Signal 4 Non-Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	330
2019	320
2020	248

Signal 4 Non-Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	249

Signal 4 Non-Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	260

Signal 4 Non-Fatal Crashes (2023)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	242

Signal 4 Non-Fatal Crashes (2024)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2024.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	201

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

USGS Township Range Section

USGS Public Land Surveys, Township Range Section

Metadata: <https://etdmpub.fl-a-etat.org/meta/plss.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
22S29E09
22S29E16
22S29E21
22S29E28

Summary: 63.7 acres, 100 percent of analysis area.

WMD FL Land Use and Land Cover (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
1400: COMMERCIAL AND SERVICES	4.23	6.64%
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
1700: INSTITUTIONAL	0.26	0.41%
8320: ELECTRICAL POWER TRANSMISSION LINES	0.13	0.2%
4340: HARDWOOD - CONIFEROUS MIXED	0.82	1.29%
1410: RETAIL SALES AND SERVICES	0.3	0.47%
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
8140: ROADS AND HIGHWAYS	56.7	89.02%
Totals	63.7	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

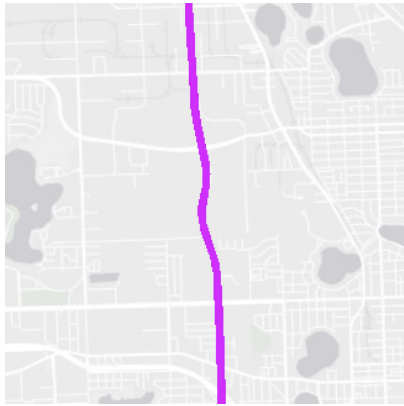
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Mobility			
AHCA Group Care Facilities	i	10/16/2025	0
BTS 2010 Amtrak Intercity Railroad Terminals	i	10/16/2025	0
BTS Airports	i	10/16/2025	0
BTS Fixed-Guideway Transit Network Stations	i	10/16/2025	0
BTS Intermodal Passenger Connectivity Database (IPCD)	i	10/16/2025	0
FDOH Migrant Labor Camps	i	10/16/2025	0
FDOH Mobile Home and RV Parks	i	10/16/2025	0
		10/16/2025	12

Analysis Type		Date Run	Count
FDOT 5 Year Crash Rates (2014-2018)			
FDOT Bus Transit Routes		10/16/2025	19
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	1
FDOT Federal Aviation Administration Obstructions		10/16/2025	0
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	411
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	284
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	148
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	107
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	87
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	204
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	287
FDOT Park and Ride Parking Lots - FDOT District 5		10/16/2025	0
FDOT Railroads in the State of Florida		10/16/2025	1
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida		10/16/2025	0
FWRI Boat Ramps		10/16/2025	0

Analysis Type		Date Run	Count
FWRI Marinas		10/16/2025	0
GEOPLAN Airport Runways (Polygons)		10/16/2025	0
GEOPLAN Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0
OGT Existing Recreational Trails		10/16/2025	0
OGT Hiking Trails Priorities		10/16/2025	0
OGT Multi-Use Trails Opportunities		10/16/2025	0
OGT Paddling Trails Opportunities		10/16/2025	0
OGT Paddling Trails Priorities		10/16/2025	0
Signal 4 Fatal Crashes (2017)		10/16/2025	0
Signal 4 Fatal Crashes (2018-2020)		10/16/2025	5
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	2
Signal 4 Fatal Crashes (2023)		10/16/2025	0
Signal 4 Fatal Crashes (2024)		10/16/2025	0
Signal 4 Non-Fatal Crashes (2017)		10/16/2025	292
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	898
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	249

Analysis Type		Date Run	Count
Signal 4 Non-Fatal Crashes (2022)	i	10/16/2025	260
Signal 4 Non-Fatal Crashes (2023)	i	10/16/2025	242
Signal 4 Non-Fatal Crashes (2024)	i	10/16/2025	201
USCB 2010 Census Designated Places	i	10/16/2025	1
USDOT Potential Navigable Waterways	i	10/16/2025	0
USFS Florida National Scenic Trail	i	10/16/2025	0

FDOT 5 Year Crash Rates (2014-2018)

FDOT 5 Year Crash Rates (Safety ratio greater than 1)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_counts_2018.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
97.5	SR423	75190000	1.20017745
97.5	SR423	75190000	1.25310952
99.99	SR408	75008000	1.6306613
99.99	SR416	75250000	4.75285539
99.99	SR423	75190000	1.64694113
99.99	SR423	75190000	2.41946822
99.99	SR50	75050000	2.36893707
99.99	SR423	75190001	2.60580263
99.99	SR423	75190000	4.2886644
99.99	SR423	75190000	6.97073185
99.99	SR438	75251000	3.81669202
99.99	SR423	75190001	1.4799947

Summary: 9648.68 linear feet within buffer.

FDOT Bus Transit Routes

Metadata: <https://etdmpub.fl-a-etat.org/meta/trrts.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bus Route	0 Ft.
ROUTE 105 - W. COLONIAL DR/WINTER GARDEN	381.0
ROUTE 125 - SILVER STAR RD	2571.26
ROUTE 20 - MALIBU STREET/MERCY DR.	1461.89
ROUTE 25 - MERCY DR/SHADER RD	9919.12
ROUTE 303 - DISNEY DIRECT/WASHINGTON SHORES	4467.02
ROUTE 48 - W. COLONIAL DR/POWERS DRIVE	223.99
ROUTE 49 - W. COLONIAL DR/PINE HILLS RD	223.99
ROUTE 54 - OLD WINTER GARDEN RD	236.78

FDOT Fatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2005	1
2007	1

FDOT Fatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2008	1
2009	1

FDOT Fatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2011	2

FDOT Fatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2012	1

FDOT Fatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	2

FDOT Fatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2014	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	145
2006	128
2007	138

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	144
2009	140

FDOT Nonfatal Crashes on SHS Roadways (2010)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	148

FDOT Nonfatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	107

FDOT Nonfatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	87

FDOT Nonfatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	204

FDOT Nonfatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	287

FDOT Railroads in the State of Florida

FDOT Railroads in the State of Florida, measured in linear feet.

Metadata: https://etdmpub.fl-a-etat.org/meta/fro_rails.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	0 Ft.
SPUR	171.64

Signal 4 Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	3
2019	2

Signal 4 Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	1

Signal 4 Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	2

Signal 4 Non-Fatal Crashes (2017)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2017.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	292

Signal 4 Non-Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	330
2019	320
2020	248

Signal 4 Non-Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	249

Signal 4 Non-Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	260

Signal 4 Non-Fatal Crashes (2023)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	242

Signal 4 Non-Fatal Crashes (2024)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2024.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	201

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

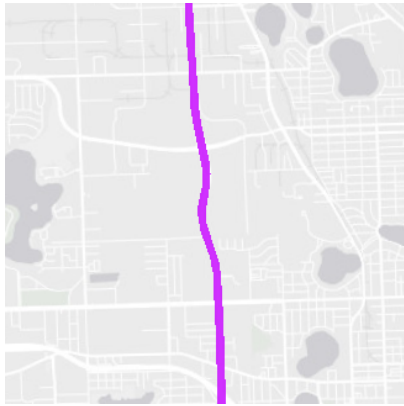
Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Navigation			
FWRI Boat Ramps		10/16/2025	0
FWRI Marinas		10/16/2025	0
USACE Major Dams		10/16/2025	0
USDOT Potential Navigable Waterways		10/16/2025	0
USFWS National Wetlands Inventory Areas		10/16/2025	4
WMD Wetlands (FLUCCS Level 3)		10/16/2025	3

USFWS National Wetlands Inventory Areas

Metadata: <https://etdmpub.fl-a-etat.org/meta/nwip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

System and Wetland Type	Area of Interest	
	Acr	Pct
PALUSTRINE (FRESHWATER FORESTED/SHRUB WETLAND)	0.69	1.09%
RIVERINE (RIVERINE)	0.11	0.17%
Totals	0.79	-

WMD Wetlands (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

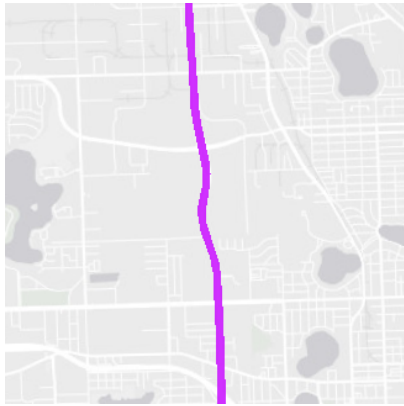
Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
Totals	0.71	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Noise			
AHCA Group Care Facilities	i	10/16/2025	0
BAR Florida Site File Cemeteries	i	10/16/2025	0
BTS Airports	i	10/16/2025	0
FCC AM Tower Structures	i	10/16/2025	0
FCC FM Tower Structures	i	10/16/2025	0
FCC Television Broadcast Structure Locations	i	10/16/2025	0
FDEP Florida State Parks	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Healthcare Facilities			
FDEP Wild and Scenic Rivers		10/16/2025	0
FDOT - Outdoor Advertising		10/16/2025	3
FDOT District 5 - Conservation Lands		10/16/2025	0
FDOT Noise Barriers		10/16/2025	0
FDOT RCI Scenic Highways		10/16/2025	0
FDOT Railroads in the State of Florida		10/16/2025	1
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida		10/16/2025	0
FDOT Urbanized Areas		10/16/2025	1
GEOPLAN Airport Runways (Polygons)		10/16/2025	0
GEOPLAN Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Cemeteries (Points)		10/16/2025	0
GEOPLAN Cemeteries (Polygons)		10/16/2025	0
GEOPLAN Community Centers (Points)		10/16/2025	0
GEOPLAN Community and Fraternal Center Boundaries		10/16/2025	0
GEOPLAN Cultural Centers (Polygons)		10/16/2025	0
GEOPLAN Cultural Centers (Points)		10/16/2025	0
GEOPLAN Developments of Regional Impact (DRI)		10/16/2025	0
GEOPLAN GEOPLAN School Facilities (Private)		10/16/2025	0
GEOPLAN Geocoded Laser Facilities		10/16/2025	0
GEOPLAN Homeowner and Condominium Associations		10/16/2025	0

Analysis Type		Date Run	Count
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN Local Florida Parks and Recreational Facility Boundaries		10/16/2025	0
GEOPLAN Parks and Recreational Facilities (Points)		10/16/2025	0
GEOPLAN Planned Unit Development		10/16/2025	0
GEOPLAN Religious Centers (Points)		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
GEOPLAN U.S. Military Installations		10/16/2025	0
GEOPLAN Wild and Scenic River Systems Buffered by 220 ft		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0
NOAA Marine Protected Areas		10/16/2025	0
NPS National Park Projects		10/16/2025	0
NPS National Parks and Seashores		10/16/2025	0
OGT Existing Recreational Trails		10/16/2025	0
USFS Florida National Scenic Trail		10/16/2025	0
USFS National Wild and Scenic River Active Study Rivers		10/16/2025	0
USFWS National Wildlife Refuges		10/16/2025	0
WMD Industrial Areas (FLUCCS Level 3)		10/16/2025	2
WMD Residential Areas (FLUCCS Level 3)		10/16/2025	1
WMD Water Management District Boundaries		10/16/2025	2

FDOT - Outdoor Advertising

Metadata: https://etdmpub.fl-a-etat.org/meta/fl_billboards.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Account Name	Location	Google Map
CLEAR CHANNEL - ORLANDO	COLONIAL DR	https://www.google.com/maps/place/17RMM5954358628
OUTFRONT MEDIA LLC	EAST-WEST EXPRESSWAY	https://www.google.com/maps/place/17RMM5951157503
OUTFRONT MEDIA LLC	EAST-WEST EXPRESSWAY	https://www.google.com/maps/place/17RMM5951157503

Summary: 3 feature(s) found within buffer.

FDOT Railroads in the State of Florida

FDOT Railroads in the State of Florida, measured in linear feet.

Metadata: https://etdmpub.fl-a-etat.org/meta/fro_rails.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	0 Ft.
SPUR	171.64

FDOT Urbanized Areas

FDOT Urban Exclusion Area

Metadata: <https://etdmpub.fl-a-etat.org/meta/urban.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
ORLANDO

Summary: 63.7 acres, 100 percent of analysis area.

WMD Industrial Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
Totals	0.42	-

WMD Residential Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
Totals	0.15	-

WMD Water Management District Boundaries

Metadata: <https://etdmpub.fl-a-etat.org/meta/wmdbnd.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description
SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 63.7 acres, 100 percent of analysis area.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

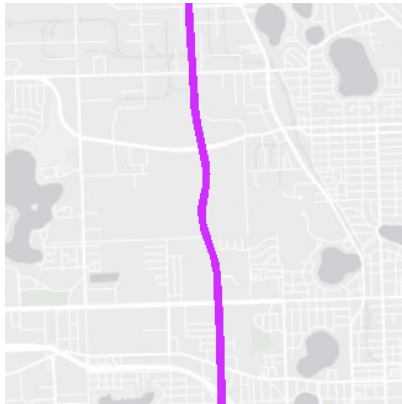
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type	Date Run	Features within AOI
		Count
Protected Species and Habitat		
AUDUBON Eagle Nests (Buffered by 330 and 660 Feet) 	10/16/2025	0
AUDUBON EagleWatch Nests 	10/16/2025	0
DOACS Florida Forest Service Facility Locations - 2015 	10/16/2025	0
FDACS State Forests 	10/16/2025	0
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida 	10/16/2025	2
FDEP Basin Management Action Plans (BMAP) Areas in Florida 	10/16/2025	3
FDEP Coastal Construction Control Lines (CCCL) 	10/16/2025	0
	10/16/2025	0

Analysis Type		Date Run	Count
FDEP EPA Established Total Maximum Daily Loads (TMDLs)			
FDEP Florida State Parks		10/16/2025	0
FDEP List of Aquatic Preserves		10/16/2025	0
FDEP Verified Impaired Florida Waters		10/16/2025	0
FDEP Waterbody IDs		10/16/2025	2
FDOT Crossing Opportunities at Large Animal Hotspots		10/16/2025	0
FDOT Florida Panther Vehicle Collision (PVC) Hot Spots		10/16/2025	0
FDOT Large Animal Vehicle Collisions Hot Spots		10/16/2025	0
FDOT Probable Small Animal Upland Hot Spots (Coarse scale)		10/16/2025	0
FDOT Probable Small Animal Upland Hot Spots (Fine scale)		10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Coarse scale)		10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Fine scale)		10/16/2025	0
FDOT Wildlife Crossings		10/16/2025	0
FNAI Bird Rookeries 2018		10/16/2025	0
FNAI CLIP Version 4 Aggregated CLIP Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Aquifer Recharge		10/16/2025	N/A
FNAI CLIP Version 4 Biodiversity Resource Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands		10/16/2025	N/A
FNAI CLIP Version 4 Landscape Integrity Index		10/16/2025	N/A
FNAI CLIP Version 4 Landscape Resource Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Natural Floodplain		10/16/2025	N/A

Analysis Type		Date Run	Count
FNAI CLIP Version 4 Potential Habitat Richness		10/16/2025	N/A
FNAI CLIP Version 4 Priority Natural Communities		10/16/2025	N/A
FNAI CLIP Version 4 Rare Species Habitat Conservation Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Significant Surface Waters		10/16/2025	N/A
FNAI CLIP Version 4 Strategic Habitat Conservation Areas		10/16/2025	N/A
FNAI CLIP Version 4 Surface Water Resource Priorities		10/16/2025	N/A
FNAI CLIP Version 4 Wetlands		10/16/2025	N/A
FNAI Element Occurrence (Documented or Likely)		10/16/2025	0
FNAI Element Occurrence (Potential)		10/16/2025	2
FNAI Florida Forever Acquisitions		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI Florida Managed Areas		10/16/2025	0
FNAI Geological Features 2018		10/16/2025	0
FNAI Impact on Prescribed Burning		10/16/2025	0
FNAI National Forests		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FNAI Threatened or Endangered Species (Documented or Likely)		10/16/2025	0
FNAI Threatened or Endangered Species (Potential)		10/16/2025	0
FWC 2003 Habitat and Landcover GRID		10/16/2025	N/A
FWC Bear Crossing Sign Locations		10/16/2025	0
FWC Bear Fencing Opportunities		10/16/2025	0

Analysis Type		Date Run	Count
FWC Black Bear Range		10/16/2025	1
FWC Black Bear Related Calls		10/16/2025	2
FWC Black Bear Road Mortality		10/16/2025	0
FWC Critical Wildlife Area Boundaries		10/16/2025	0
FWC Dark Sky Lighting Recommended Areas		10/16/2025	0
FWC Florida Cooperative Land Cover Grid - Version 3.8		10/16/2025	N/A
FWC Florida Panther Mortality		10/16/2025	0
FWC Management Areas		10/16/2025	0
FWC Shorebird Breeding Survey 2016		10/16/2025	0
FWC State Imperiled Species in Florida		10/16/2025	10
FWC State Manatee Protection Zones		10/16/2025	0
FWC Watersheds containing Rare and Imperiled Fish		10/16/2025	1
FWC Wildlife Sensitive Conventional Lighting		10/16/2025	0
FWC-FWRI Sea Turtle Strandings (1986 - 2017)		10/16/2025	0
FWRI Environmentally Sensitive Shorelines		10/16/2025	0
FWRI Gopher Tortoise Relocation Permit Recipient Sites in Florida		10/16/2025	0
FWRI Imperiled Beach Nesting Bird Breeding Sites		10/16/2025	0
FWRI Imperiled Beach Nesting Bird Critical Brood Rearing Sites		10/16/2025	0
FWRI Imperiled Beach Nesting Bird Critical Roosting Sites		10/16/2025	0
FWRI Mangroves		10/16/2025	0
FWRI Rare and Imperiled Fish in Florida		10/16/2025	0

Analysis Type		Date Run	Count
FWRI Sea Turtle Beach Survey	i	10/16/2025	0
FWRI Seagrass Beds (Showing Continuous/Discontinuous)	i	10/16/2025	0
GEOPLAN Florida Sand Skink and Blue-tailed (Bluetail) Mole Skink Suitability	i	10/16/2025	0
GEOPLAN Florida Wildlife Corridor Opportunities	i	10/16/2025	0
GEOPLAN Planned Unit Development	i	10/16/2025	0
NMFS Critical Habitat (Designated Species - Lines)	i	10/16/2025	0
NMFS Critical Habitat (Designated Species)	i	10/16/2025	0
NMFS Section 7 Consultation Areas	i	10/16/2025	0
NOAA Coastal Change Analysis Program - 2016	i	10/16/2025	N/A
NOAA Essential Fish Habitat (EFH)	i	10/16/2025	0
NPS National Park Projects	i	10/16/2025	0
NPS National Parks and Seashores	i	10/16/2025	0
NRCS Hydric Soils (List) - Subset of NRCS Specific Soils Data	i	10/16/2025	4
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data	i	10/16/2025	4
NRCS List of Specific Soils - SSURGO	i	10/16/2025	19
NRCS Summary of Specific Soils - SSURGO	i	10/16/2025	19
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries	i	10/16/2025	0
SFWMD Surface Water Projects	i	10/16/2025	0
Short-Tailed Hawk and Swallow-Tailed Kite Nests	i	10/16/2025	0
UCFSPICE Florida Panther Least-Cost Corridor within South-Central Florida	i	10/16/2025	0
UCFSPICE Florida Panther Least-Cost Path within South-Central Florida	i	10/16/2025	0

Analysis Type		Date Run	Count
UFCLCP Florida Ecological Greenways Network		10/16/2025	N/A
UFCLCP Wildlife Corridors in Florida		10/16/2025	0
USFWS Atlantic Coast Plants Consultation Area		10/16/2025	0
USFWS Atlantic Salt Marsh Snake Consultation Area		10/16/2025	0
USFWS Audubon's Crested Caracara Occurrences in Florida (1992-2009)		10/16/2025	0
USFWS Bluetail Mole Skink Consultation Area		10/16/2025	0
USFWS Cape Sable Seaside Sparrow Historic Range		10/16/2025	0
USFWS Caracara Consultation Area		10/16/2025	0
USFWS Caracara Non Breeders Communal Roosts and Gathering Areas		10/16/2025	0
USFWS Critical Habitat (Designated Species - Lines)		10/16/2025	0
USFWS Critical Habitat (Designated Species)		10/16/2025	0
USFWS Crocodile Consultation Area		10/16/2025	0
USFWS Florida Bonneted Bat Consultation Area		10/16/2025	0
USFWS Florida Grasshopper Sparrow Consultation Area		10/16/2025	0
USFWS Lake Wales Ridge Plants Consultation Area		10/16/2025	1
USFWS Manatee Consultation Area		10/16/2025	0
USFWS National Wildlife Refuges		10/16/2025	0
USFWS Okeechobee Gourd Consultation Area		10/16/2025	0
USFWS Panther Consultation Area		10/16/2025	0
USFWS Piping Plover Consultation Area		10/16/2025	0
USFWS Red Cockaded Woodpecker Consultation Area		10/16/2025	0

Analysis Type		Date Run	Count
USFWS Sand Skink Consultation Area (Neoseps reynoldsi)	i	10/16/2025	0
USFWS Scrub Jay Consultation Area	i	10/16/2025	1
USFWS Scrub Jay Service Area	i	10/16/2025	0
USFWS Snail Kite Consultation Area	i	10/16/2025	1
USFWS Snail Kite Priority Management Zones	i	10/16/2025	0
USFWS Species Range	i	10/16/2025	12
USFWS Wildlife Permeability Along Interstate 4 (PRIT)	i	10/16/2025	0
USFWS Wood Stork Nesting Colonies (Buffered by 2500 Feet)	i	10/16/2025	0
USFWS Woodstork Core Foraging Areas	i	10/16/2025	1
USFWS Woodstork Nests	i	10/16/2025	0
USGS Highest Priority eBird Occurrence Locations in Florida (2000-2016)	i	10/16/2025	0
USGS Township Range Section	i	10/16/2025	4
WMD Water Management District Owned Lands	i	10/16/2025	0
WMD Wetlands (FLUCCS Level 3)	i	10/16/2025	3

FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/adopted_tmdls.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Status	Name and Waterbody ID	TMDL Parameter
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	DISSOLVED OXYGEN AND NUTRIENT
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	BACTERIA

Summary: 95.04 acres, 100 percent of analysis area.

FDEP Basin Management Action Plans (BMAP) Areas in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/bmap_area.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIVA RIVER	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIWA SPRING AND ROCK SPRINGS	SPRING BMAP	ADOPTED BMAPS

Summary: 72.43 acres, 100 percent of analysis area.

FDEP Waterbody IDs

Metadata: <https://etdmpub.fl-a-etat.org/meta/wbids.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
LITTLE WEKIVA CANAL [WBID: 3004]
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 63.7 acres, 100 percent of analysis area.

FNAI CLIP Version 4 Aggregated CLIP Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_prio.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.49	98.6%
PRIORITY 5	0.83	1.32%
PRIORITY 4	0.06	0.09%
Totals	63.38	-

FNAI CLIP Version 4 Aquifer Recharge

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_recharge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	7.73	12.19%
PRIORITY 4	41.53	65.53%
PRIORITY 5	14.12	22.28%
Totals	63.38	-

FNAI CLIP Version 4 Biodiversity Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_bidivrp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	99.91%
PRIORITY 4	0.06	0.09%
Totals	63.38	-

FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_private_p1p2.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	100.0%
Totals	63.33	-

FNAI CLIP Version 4 Landscape Integrity Index

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_lsinteg.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1 - LOWEST INTEGRITY	6.45	9.93%
2	47.59	73.29%
3	9.12	14.04%
4	1.78	2.74%
Totals	64.94	-

FNAI CLIP Version 4 Landscape Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_lndscprp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

FNAI CLIP Version 4 Natural Floodplain

Metadata: <https://etdmpub.fl-a-etat.org/meta/clipv4 fldpln.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.27	99.82%
PRIORITY 6	0.11	0.18%
Totals	63.38	-

FNAI CLIP Version 4 Potential Habitat Richness

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_phrich.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.22	99.74%
2-4 SPECIES	0.06	0.09%
1 SPECIES	0.11	0.18%
Totals	63.38	-

FNAI CLIP Version 4 Priority Natural Communities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_natcom.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

FNAI CLIP Version 4 Rare Species Habitat Conservation Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_fnaihab.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	99.91%
PRIORITY 6	0.06	0.09%
Totals	63.38	-

FNAI CLIP Version 4 Significant Surface Waters

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_surfwtr.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 6	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Strategic Habitat Conservation Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_shca.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	57.93	91.4%
PRIORITY 5	5.45	8.6%
Totals	63.38	-

FNAI CLIP Version 4 Surface Water Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_srfwtrrp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 5	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Wetlands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_wetland.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

FNAI Element Occurrence (Potential)

Metadata: https://etdmpub.fl-a-etat.org/meta/fleo_poly.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Common Name	Area of Interest	
	Acr	Pct
BROAD CERCUS SCRUB GRASSHOPPER	47.15	74.02%
FLORIDA BLACK BEAR	63.7	100%
Totals	110.85	-

FWC 2003 Habitat and Landcover GRID

Metadata: https://etdmpub.fl-a-etat.org/meta/gfchab_2003.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DRY PRAIRIES	0.67	1.03%
MIXED HARDWOOD-PINE FORESTS	1.78	2.76%
PINELANDS	0.67	1.03%
FRESHWATER MARSH AND WET PRAIRIE	0.44	0.69%
SHRUB SWAMP	2.67	4.14%
CYPRESS SWAMP	1.11	1.72%
MIXED WETLAND FOREST	1.11	1.72%
HARDWOOD SWAMP	1.56	2.41%
ROW - FIELD CROPS	0.22	0.34%
HIGH IMPACT URBAN	52.04	80.69%
LOW IMPACT URBAN	2.22	3.45%
Totals	64.49	-

FWC Black Bear Range

Metadata: https://etdmpub.fl-a-etat.org/meta/bear_range.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 63.7 acres, 100 percent of analysis area.

FWC Black Bear Related Calls

Metadata: https://etdmpub.fl-a-etat.org/meta/black_bear_related_calls.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Report Type
IN AREA
IN TREE

Summary: 2 feature(s) found within buffer.

FWC Florida Cooperative Land Cover Grid - Version 3.8

Metadata: https://etdmpub.fl-a-etat.org/meta/clc_v3_8_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1110 - UPLAND HARDWOOD FOREST	0.25	0.39%
1400 - MIXED HARDWOOD-CONIFEROUS	0.67	1.05%
1822 - HIGH INTENSITY URBAN	3.66	5.73%
1840 - TRANSPORTATION	59.16	92.75%
1870 - EXTRACTIVE	0.05	0.08%
Totals	63.78	-

FWC State Imperiled Species in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/state_imperiled_species.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	63.7	100%
ROSEATE SPOONBILL (THREATENED)	63.7	100%
TRICOLORED HERON (THREATENED)	63.7	100%
BLUENOSE SHINER (THREATENED)	48.22	75.7%
BURROWING OWL (THREATENED)	63.7	100%
FLORIDA PINE SNAKE (THREATENED)	63.7	100%
FLORIDA SANDHILL CRANE (THREATENED)	63.7	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	63.7	100%
SHORT-TAILED SNAKE (THREATENED)	63.7	100%
GOPHER TORTOISE (THREATENED)	63.7	100%
Totals	621.54	-

FWC Watersheds containing Rare and Imperiled Fish

Metadata: <https://etdmpub.fl-a-etat.org/meta/rarimpwaters.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Watershed Name	Common Name
BIG SAND LAKE	IRONCOLOR SHINER

Summary: 15.99 acres, 25.1 percent of analysis area.

NOAA Coastal Change Analysis Program - 2016

Metadata: https://etdmpub.fl-a-etat.org/meta/ccap_2016.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DEVELOPED - HIGH INTENSITY	10.01	15.96%
DEVELOPED - MEDIUM INTENSITY	27.13	43.26%
DEVELOPED - LOW INTENSITY	23.13	36.88%
DEVELOPED - OPEN SPACE	0.67	1.06%
EVERGREEN FOREST	0.22	0.35%
SCRUB/SHRUB	0.67	1.06%
PALUSTRINE FORESTED WETLAND	0.44	0.71%
PALUSTRINE SCRUB/SHRUB WETLAND	0.22	0.35%
PALUSTRINE EMERGENT WETLAND	0.22	0.35%
Totals	62.72	-

NRCS Hydric Soils (List) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Soil Drainage Class	Mapunit Kind	Hydrologic Group
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	VERY POORLY DRAINED	ASSOCIATION	A/D

Summary: 12.05 acres, 18.9 percent of analysis area.

NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
Totals	12.05	-

NRCS List of Specific Soils - SSURGO
NRCS List of Specific Soils characteristics

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
3102925	SMYRNA	45	SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	14670	NO	POORLY DRAINED	COMPLEX
323139	ONA	85	ONA FINE SAND, 0 TO 2 PERCENT SLOPES	5187	NO	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	YES	VERY POORLY DRAINED	ASSOCIATION
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323166	URBAN LAND	85	URBAN LAND, 0 TO 2 PERCENT	10864	UNRANKED	None	CONSOCIATION

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
323166	URBAN LAND	85	SLOPES URBAN LAND, 0 TO 2 PERCENT SLOPES	10864	UNRANKED	None	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323168	WABASSO	57	WABASSO-URBAN LAND COMPLEX	3514	NO	POORLY DRAINED	COMPLEX
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION

Summary: 63.7 acres, 100 percent of analysis area.

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

UFCLCP Florida Ecological Greenways Network

Metadata: <https://etdmpub.fl-a-etat.org/meta/fegn.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	64.27	100.0%
Totals	64.27	-

USFWS Lake Wales Ridge Plants Consultation Area

Metadata: https://etdmpub.fl-a-etat.org/meta/ca_lwr_plants.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LAKE WALES RIDGE PLANTS CONSULTATION AREA (NF ESO)	63.7	100%
Totals	63.7	-

USFWS Scrub Jay Consultation Area

Metadata: https://etdmpub.fl-a-etat.org/meta/ca_scrub_jay.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SCRUB-JAY CONSULTATION AREA (NF ESO)	63.7	100%
Totals	63.7	-

USFWS Snail Kite Consultation Area

Metadata: https://etdmpub.fl-a-etat.org/meta/ca_snail_kite.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SNAIL KITE CONSULTATION AREA (NF ESO)	63.7	100%
Totals	63.7	-

USFWS Species Range

Metadata: https://etdmpub.fl-a-etat.org/meta/cr_usfws_poly.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Common Name, Listing
BEAUTIFUL PAWPAW (ENDANGERED)
CRESTED CARACARA (AUDUBON'S) (THREATENED)
EASTERN BLACK RAIL (THREATENED)
EASTERN INDIGO SNAKE (THREATENED)
EVERGLADE SNAIL KITE (ENDANGERED)
MONARCH BUTTERFLY (PROPOSED THREATENED)
PAPERY WHITLOW-WORT (THREATENED)
PIGEON WINGS (THREATENED)
RED-COCKADED WOODPECKER (THREATENED)
SANDLACE (ENDANGERED)
SOUTHERN HOGNOSE SNAKE (PROPOSED THREATENED)
WOOD STORK (THREATENED)

Summary: 764.42 acres, 100 percent of analysis area.

USFWS Woodstork Core Foraging Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/woodstork_areas_se.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WOOD STORK AREAS	63.7	100%
Totals	63.7	-

USGS Township Range Section
USGS Public Land Surveys, Township Range Section

Metadata: <https://etdmpub.fl-a-etat.org/meta/plss.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
22S29E09
22S29E16
22S29E21
22S29E28

Summary: 63.7 acres, 100 percent of analysis area.

WMD Wetlands (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
Totals	0.71	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

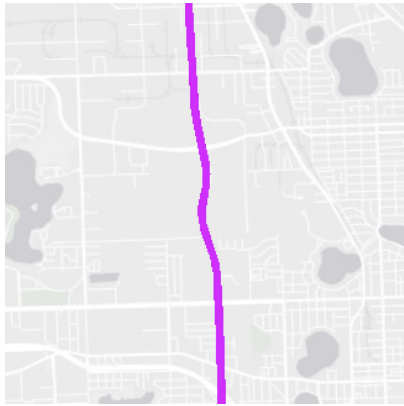
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type	Date Run	Features within AOI	
		Count	
Recreational and Protected Lands			
BTS Abandoned Rails (Subset of BTS Rails) 	10/16/2025	0	
BTS Abandoned Rails 2015 (Subset of BTS Rails) 	10/16/2025	0	
FDACS State Forests 	10/16/2025	0	
FDEP Florida State Parks 	10/16/2025	0	
FDOT District 5 - Conservation Lands 	10/16/2025	0	
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida 	10/16/2025	0	
FNAI Florida Forever Acquisitions 	10/16/2025	0	
	10/16/2025	0	

Analysis Type		Date Run	Count
FNAI Florida Forever BOT Projects			
FNAI Florida Managed Areas		10/16/2025	0
FNAI National Forests		10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
FWC Management Areas		10/16/2025	0
FWRI Boat Ramps		10/16/2025	0
FWRI Great Florida Birding Trail Sites		10/16/2025	0
FWRI Mangroves		10/16/2025	0
FWRI Marinas		10/16/2025	0
GEOPLAN Golf Courses		10/16/2025	0
GEOPLAN Local Florida Parks and Recreational Facility Boundaries		10/16/2025	0
GEOPLAN Parks and Recreational Facilities (Points)		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
NPS National Park Projects		10/16/2025	0
NPS National Parks and Seashores		10/16/2025	0
NPS Nationwide Rivers Inventory in Florida		10/16/2025	0
NPS Nationwide Rivers Inventory in Florida (Buffered by 0.25 miles)		10/16/2025	0
OGT Existing Recreational Trails		10/16/2025	0
OGT Hiking Trails Priorities		10/16/2025	0
OGT Multi-Use Trails Opportunities		10/16/2025	0

Analysis Type		Date Run	Count
OGT Paddling Trails Opportunities	i	10/16/2025	0
OGT Paddling Trails Priorities	i	10/16/2025	0
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries	i	10/16/2025	0
SFWMD Surface Water Projects	i	10/16/2025	0
USCB 2010 Census Designated Places	i	10/16/2025	1
USDOT Potential Navigable Waterways	i	10/16/2025	0
USFS Florida National Scenic Trail	i	10/16/2025	0
WMD Water Management District Owned Lands	i	10/16/2025	0

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

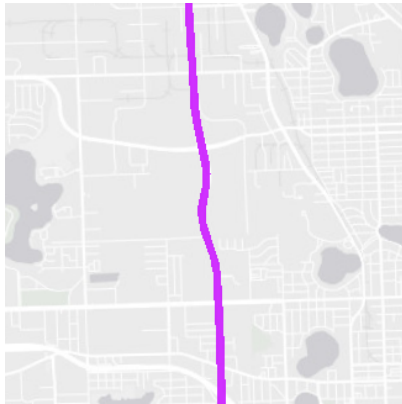
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Relocation Potential			
FDOH Migrant Labor Camps		10/16/2025	0
FDOH Mobile Home and RV Parks		10/16/2025	0
FNAI Florida Forever Acquisitions		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0
USCB 2010 Census Designated Places		10/16/2025	1
		10/16/2025	1

Analysis Type	Date Run	Count
WMD Residential Areas (FLUCCS Level 3)		



USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

WMD Residential Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
Totals	0.15	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

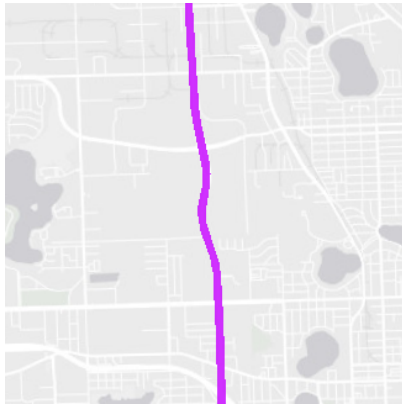
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Section 4(f) Potential			
BAR Florida Site File Archaeological or Historic Sites	i	10/16/2025	0
BAR Florida Site File Cemeteries	i	10/16/2025	0
BAR Florida Site File Field Survey Project Boundaries	i	10/16/2025	6
BAR Florida Site File Historic Bridges	i	10/16/2025	0
BAR Florida Site File Historic Standing Structures	i	10/16/2025	0
BAR Florida Site File Resource Groups	i	10/16/2025	2
BAR National Register of Historic Places	i	10/16/2025	0
		10/16/2025	1

Analysis Type		Date Run	Count
BTS National Bridge Inventory			
FDACS State Forests		10/16/2025	0
FDOT RCI Bridges		10/16/2025	1
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida		10/16/2025	0
FNAI Florida Forever Acquisitions		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI National Forests		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
FWC Management Areas		10/16/2025	0
GEOPLAN Local Florida Parks and Recreational Facility Boundaries		10/16/2025	0
GEOPLAN National Historic Preservation Act - Florida Certified Local Governments		10/16/2025	1
GEOPLAN Parks and Recreational Facilities (Points)		10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0
NPS National Park Projects		10/16/2025	0
NPS National Parks and Seashores		10/16/2025	0
OGT Existing Recreational Trails		10/16/2025	0
OGT Hiking Trails Priorities		10/16/2025	0
OGT Multi-Use Trails Opportunities		10/16/2025	0
OGT Paddling Trails Opportunities		10/16/2025	0

Analysis Type		Date Run	Count
OGT Paddling Trails Priorities	i	10/16/2025	0
USFS Florida National Scenic Trail	i	10/16/2025	0
WMD Water Management District Owned Lands	i	10/16/2025	0

BAR Florida Site File Field Survey Project Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE EXISTING JOHN YOUNG CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10430.0
CULTURAL RESOURCE ASSESSMENT SURVEY FOR THE RAILROAD CROSSING IMPROVEMENTS AT SILVER METEOR DRIVE AND HANSROB ROAD, ORANGE COUNTY, FLORIDA	2022	28311.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF THE JOHN YOUNG PARKWAY EXTENSION, ORANGE COUNTY, FLORIDA	1999	5674.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED MULTILANING OF SR 423/JOHN YOUNG PARKWAY FROM CHURCH STREET TO TECHNOLOGY DRIVE IN ORANGE COUNTY	1989	1986.0
REVISED TECHNICAL MEMORANDUM NO. 5 CULTURAL RESOURCES EFFECTS EVALUATION FOR THE CITY OF ORLANDO SIDEWALKS PROJECT WORK ZONES 2, 3, 4, 5, 6, 7, 10, 18, AND 21, ORANGE COUNTY, FLORIDA	2013	19585.0

Summary: 84.38 acres, 100 percent of analysis area.

BAR Florida Site File Resource Groups

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_res_groups.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Site ID	Site Name	Resource Group Type	Time Period of Significance	Time Period of Significance	SHPO Evaluation
OR11815	SEABOARD COAST LINE RAILROAD SPUR	LINEAR RESOURCE			INSUFFICIENT INFORMATION
OR11820	2534 HANSROB ROAD RESOURCE GROUP	FMSF BUILDING COMPLEX			INELIGIBLE FOR NRHP

Summary: 0.33 acres, 0.5 percent of analysis area.

BTS National Bridge Inventory

Metadata: https://etdmpub.flas-etat.org/meta/bts_bridge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Google Map
JOHN YOUNG PKWY [SR-408 - SR-408 - JOHN YOUNG PKWY]	https://www.google.com/maps/place/17RMM5952357371

Summary: 1 feature(s) found within buffer.

FDOT RCI Bridges

Metadata: <https://etdmpub.flas-etat.org/meta/bridges.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bridge Number
750235

Summary: 196.5 linear feet within buffer.

GEOPLAN National Historic Preservation Act - Florida Certified Local Governments

Metadata: <https://etdmpub.flas-etat.org/meta/clgbnd.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

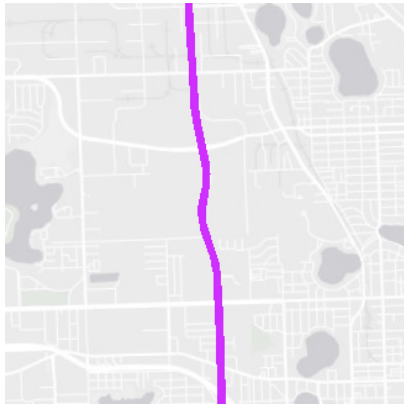
FCLG	Contact Name
CITY OF ORLANDO	HEATHER BONDS

Summary: 52.17 acres, 81.9 percent of analysis area.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Social			
AHCA Group Care Facilities		10/16/2025	0
BAR Florida Site File Cemeteries		10/16/2025	0
BAR Florida Site File Field Survey Project Boundaries		10/16/2025	6
BAR Florida Site File Historic Bridges		10/16/2025	0
BAR Florida Site File Historic Standing Structures		10/16/2025	0
BAR Florida Site File Resource Groups		10/16/2025	2
BTS 2010 Amtrak Intercity Railroad Terminals		10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
BTS Airports			
BTS National Bridge Inventory		10/16/2025	1
FDEM Front Porch Communities		10/16/2025	0
FDEP Affordable Public Housing		10/16/2025	0
FDEP Brownfield Location Boundaries		10/16/2025	2
FDEP Healthcare Facilities		10/16/2025	0
FDEP Institutional Controls Registry Sites		10/16/2025	0
FDEP Law Enforcement Facilities		10/16/2025	0
FDEP Solid Waste Facilities		10/16/2025	0
FDEP Wastewater Facilities		10/16/2025	0
FDOH Migrant Labor Camps		10/16/2025	0
FDOH Mobile Home and RV Parks		10/16/2025	0
FDOT 5 Year Crash Rates (2014-2018)		10/16/2025	12
FDOT District 5 - Conservation Lands		10/16/2025	0
FDOT Facility Crossings		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	2

Analysis Type		Date Run	Count
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	1
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	411
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	284
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	148
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	107
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	87
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	204
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	287
FDOT RCI Bridges		10/16/2025	1
FDOT Railroads in the State of Florida		10/16/2025	1
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FWRI Boat Ramps		10/16/2025	0
FWRI Marinas		10/16/2025	0
GEOPLAN Airport Runways (Polygons)		10/16/2025	0
GEOPLAN American Indian Lands and Native Entities In Florida		10/16/2025	0
GEOPLAN Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Cemeteries (Points)		10/16/2025	0
GEOPLAN Cemeteries (Polygons)		10/16/2025	0
GEOPLAN Civic Centers (Points)		10/16/2025	0
GEOPLAN Community Centers (Points)		10/16/2025	0

Analysis Type		Date Run	Count
GEOPLAN Community and Fraternal Center Boundaries		10/16/2025	0
GEOPLAN Correctional Facilities		10/16/2025	0
GEOPLAN Cultural Centers (Polygons)		10/16/2025	0
GEOPLAN Cultural Centers (Points)		10/16/2025	0
GEOPLAN Developments of Regional Impact (DRI)		10/16/2025	0
GEOPLAN Fire Stations (Points)		10/16/2025	0
GEOPLAN GEOPLAN School Facilities (Private)		10/16/2025	0
GEOPLAN Generalized Land Use		10/16/2025	29
GEOPLAN GeoPlan Future Land Use 2020 - Level 2		10/16/2025	20
GEOPLAN Geocoded Government Buildings		10/16/2025	0
GEOPLAN Geocoded Laser Facilities		10/16/2025	0
GEOPLAN Geocoded Social Service Facilities		10/16/2025	0
GEOPLAN Geocoded Veteran Facilities		10/16/2025	0
GEOPLAN Homeowner and Condominium Associations		10/16/2025	0
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN Local Florida Parks and Recreational Facility Boundaries		10/16/2025	0
GEOPLAN Parks and Recreational Facilities (Points)		10/16/2025	0
GEOPLAN Planned Unit Development		10/16/2025	0
GEOPLAN Religious Centers (Points)		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0

Analysis Type		Date Run	Count
OGT Existing Recreational Trails		10/16/2025	0
OGT Hiking Trails Priorities		10/16/2025	0
OGT Multi-Use Trails Opportunities		10/16/2025	0
OGT Paddling Trails Opportunities		10/16/2025	0
OGT Paddling Trails Priorities		10/16/2025	0
Signal 4 Fatal Crashes (2017)		10/16/2025	0
Signal 4 Fatal Crashes (2018-2020)		10/16/2025	5
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	2
Signal 4 Fatal Crashes (2023)		10/16/2025	0
Signal 4 Fatal Crashes (2024)		10/16/2025	0
Signal 4 Non-Fatal Crashes (2017)		10/16/2025	292
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	898
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	249
Signal 4 Non-Fatal Crashes (2022)		10/16/2025	260
Signal 4 Non-Fatal Crashes (2023)		10/16/2025	242
Signal 4 Non-Fatal Crashes (2024)		10/16/2025	201
USCB 2000 Census Block Data		10/16/2025	40
USCB 2000 Census Data Block Groups - Housing		10/16/2025	7
USCB 2000 Census Data Block Groups - Income		10/16/2025	7
USCB 2000 Census Data Block Groups - Language		10/16/2025	7

Analysis Type		Date Run	Count
USCB 2000 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2000 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2000 Census Data Block Groups - Population Totals		10/16/2025	7
USCB 2000 Census Data Block Groups - Transportation		10/16/2025	7
USCB 2000 US Census Block Data - Minority Population greater than 40%		10/16/2025	12
USCB 2010 Census County Demographics		10/16/2025	1
USCB 2010 Census Data Block Groups - Housing		10/16/2025	7
USCB 2010 Census Data Block Groups - Income		10/16/2025	7
USCB 2010 Census Data Block Groups - Language		10/16/2025	7
USCB 2010 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2010 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2010 Census Data Block Groups - Population Totals		10/16/2025	7
USCB 2010 Census Data Block Groups - Race and Ethnicity		10/16/2025	7
USCB 2010 Census Data Block Groups - Transportation		10/16/2025	7
USCB 2010 Census Designated Places		10/16/2025	1
USCB 2010 US Census Block Data		10/16/2025	42
USCB 2010 US Census Block Data - Minority Population greater than 40%		10/16/2025	11
USCB 2020 Census Data Block Groups - Housing		10/16/2025	7
USCB 2020 Census Data Block Groups - Percentages		10/16/2025	7
USCB 2020 Census Data Block Groups - Population Densities		10/16/2025	7
USCB 2020 Census Data Block Groups - Population Totals		10/16/2025	7

Analysis Type		Date Run	Count
USCB 2020 Census Data Block Groups - Race and Ethnicity		10/16/2025	7
USCB 2020 Census Urban Areas		10/16/2025	1
USCB 2020 US Census Block Data		10/16/2025	53
USCB 2020 US Census Block Data - Minority Population greater than 40%		10/16/2025	15
USCB 2023 American Community Survey Block Group Data - Geographic Mobility		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Household Language		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Housing		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Income		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Internet Access		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Language		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Percentages		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Population Densities		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Population Totals		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Race and Ethnicity		10/16/2025	7
USCB 2023 American Community Survey Block Group Data - Transportation		10/16/2025	7
USCB County Demographics - 2000 Census		10/16/2025	1
USEPA Assessment Cleanup and Redevelopment Exchange System (ACRES)		10/16/2025	0
USFS Florida National Scenic Trail		10/16/2025	0
WMD FL Land Use and Land Cover (FLUCCS Level 3)		10/16/2025	22
WMD Residential Areas (FLUCCS Level 3)		10/16/2025	1

BAR Florida Site File Field Survey Project Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE EXISTING JOHN YOUNG CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10430.0
CULTURAL RESOURCE ASSESSMENT SURVEY FOR THE RAILROAD CROSSING IMPROVEMENTS AT SILVER METEOR DRIVE AND HANSROB ROAD, ORANGE COUNTY, FLORIDA	2022	28311.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF THE JOHN YOUNG PARKWAY EXTENSION, ORANGE COUNTY, FLORIDA	1999	5674.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED MULTILANING OF SR 423/JOHN YOUNG PARKWAY FROM CHURCH STREET TO TECHNOLOGY DRIVE IN ORANGE COUNTY	1989	1986.0
REVISED TECHNICAL MEMORANDUM NO. 5 CULTURAL RESOURCES EFFECTS EVALUATION FOR THE CITY OF ORLANDO SIDEWALKS PROJECT WORK ZONES 2, 3, 4, 5, 6, 7, 10, 18, AND 21, ORANGE COUNTY, FLORIDA	2013	19585.0

Summary: 84.38 acres, 100 percent of analysis area.

BAR Florida Site File Resource Groups

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_res_groups.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Site ID	Site Name	Resource Group Type	Time Period of Significance	Time Period of Significance	SHPO Evaluation
OR11815	SEABOARD COAST LINE RAILROAD SPUR	LINEAR RESOURCE			INSUFFICIENT INFORMATION
OR11820	2534 HANSROB ROAD RESOURCE GROUP	FMSF BUILDING COMPLEX			INELIGIBLE FOR NRHP

Summary: 0.33 acres, 0.5 percent of analysis area.

BTS National Bridge Inventory

Metadata: https://etdmpub.fl-a-etat.org/meta/bts_bridge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Google Map
JOHN YOUNG PKWY [SR-408 - SR-408 - JOHN YOUNG PKWY]	https://www.google.com/maps/place/17RMM5952357371

Summary: 1 feature(s) found within buffer.

FDEP Brownfield Location Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/brownfields_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Area Name	Area of Interest	
	Acr	Pct
ORLANDO-SUNTERRA AREA	0.08	0.13%
DEEDS ORLANDO EXPANDED	22.62	35.51%
Totals	22.7	-

FDOT 5 Year Crash Rates (2014-2018)

FDOT 5 Year Crash Rates (Safety ratio greater than 1)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_counts_2018.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
97.5	SR423	75190000	1.20017745
97.5	SR423	75190000	1.25310952
99.99	SR408	75008000	1.6306613
99.99	SR416	75250000	4.75285539
99.99	SR423	75190000	1.64694113
99.99	SR423	75190000	2.41946822
99.99	SR50	75050000	2.36893707
99.99	SR423	75190001	2.60580263
99.99	SR423	75190000	4.2886644
99.99	SR423	75190000	6.97073185
99.99	SR438	75251000	3.81669202
99.99	SR423	75190001	1.4799947

Summary: 9648.68 linear feet within buffer.

FDOT Facility Crossings

Metadata: <https://etdmpub.fl-a-etat.org/meta/faccross.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
JOHN YOUNG PKWY
SR 408

Summary: 318.24 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2005	1
2007	1

FDOT Fatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2008	1
2009	1

FDOT Fatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2011	2

FDOT Fatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2012	1

FDOT Fatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.fl-a-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	2

FDOT Fatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2014	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2005_2007.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	145
2006	128
2007	138

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2008_2009.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	144
2009	140

FDOT Nonfatal Crashes on SHS Roadways (2010)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	148

FDOT Nonfatal Crashes on SHS Roadways (2011)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2011.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	107

FDOT Nonfatal Crashes on SHS Roadways (2012)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2012.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	87

FDOT Nonfatal Crashes on SHS Roadways (2013)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2013.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	204

FDOT Nonfatal Crashes on SHS Roadways (2014)

Metadata: https://etdmpub.flas-etat.org/meta/fdot_crash_2014.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	287

FDOT RCI Bridges

Metadata: <https://etdmpub.fl-a-etat.org/meta/bridges.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bridge Number
750235

Summary: 196.5 linear feet within buffer.

FDOT Railroads in the State of Florida

FDOT Railroads in the State of Florida, measured in linear feet.

Metadata: https://etdmpub.fl-a-etat.org/meta/fro_rails.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	0 Ft.
SPUR	171.64

GEOPLAN Generalized Land Use

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_gen.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
INDUSTRIAL	0.72	1.13%
INSTITUTIONAL	0.5	0.78%
PUBLIC/SEMI-PUBLIC	0.08	0.13%
ROW	0.01	0.02%
RESIDENTIAL	0.22	0.34%
RETAIL/OFFICE	1.08	1.69%
VACANT NONRESIDENTIAL	0.09	0.15%
Totals	2.69	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.flu-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

Signal 4 Fatal Crashes (2018-2020)

Metadata: https://etdmpub.flu-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	3
2019	2

Signal 4 Fatal Crashes (2021)

Metadata: https://etdmpub.flu-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	1

Signal 4 Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	2

Signal 4 Non-Fatal Crashes (2017)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2017.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	292

Signal 4 Non-Fatal Crashes (2018-2020)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2018_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	330
2019	320
2020	248

Signal 4 Non-Fatal Crashes (2021)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2021.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	249

Signal 4 Non-Fatal Crashes (2022)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2022.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	260

Signal 4 Non-Fatal Crashes (2023)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	242

Signal 4 Non-Fatal Crashes (2024)

Metadata: https://etdmpub.fl-a-etat.org/meta/s4_crash_2024.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	201

USCB 2000 Census Block Data

USCB 2000 US Census Bureau data by block. Detailed information is for each of the entire blocks that intersect an analysis area.

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2000 Population	# White
120950107011004	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950107011005	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950107011014	0	2	2.33	0	161	0	15	139	163	55.0	0	324	316
120950107011036	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950117011000	0	0	1.83	11	7	0	2	6	4	43.5	0	11	0
120950117011015	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950117021017	0	0	4.0	8	5	0	0	2	3	25.5	0	8	0
120950118003001	0	0	3.14	109	67	0	9	43	68	37.5	7	135	16
120950118003015	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950118003016	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950118003017	0	0	4.0	17	12	0	0	5	8	16.5	0	20	3
120950118003018	0	0	2.27	52	33	0	2	26	26	42.5	0	59	7

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2000 Population	# White
120950119011000	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011010	0	0	2.0	2	1	0	0	2	3	38.0	0	4	2
120950119011011	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011026	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011027	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119011043	2	0	3.1	13	18	0	8	10	20	37.5	0	38	13
120950119011044	0	0	3.22	11	15	0	4	9	14	30.5	0	29	16
120950119021000	1	0	1.33	60	55	0	9	3	96	46.9	2	151	87
120950119021008	0	0	3.0	6	4	0	0	2	2	44.5	0	6	0
120950119021009	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021012	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021013	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021016	0	0	4.0	4	3	0	0	1	1	37.5	0	4	0
120950119021017	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950119021018	0	0	1.75	3	6	0	4	8	8	42.0	0	14	11
120950124031015	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
1209501240	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2000 Population	# White
31016													
120950124031024	0	0	3.0	0	4	0	0	2	2	20.5	0	6	6
120950124031025	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031026	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031027	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031028	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031033	1	0	1.85	6	36	0	3	46	52	40.6	0	88	76
120950124031051	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031052	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031053	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031054	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
120950124031055	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
Totals:	4	2	N/A	302	427	0	56	304	470	N/A	9	897	553

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950107011	426	411	15	922
120950117011	571	540	31	1568
120950117021	935	856	79	2370
120950118003	272	244	28	757
120950119011	895	814	81	2031
120950119021	139	133	6	510
120950124031	1889	1780	109	5101
Totals:	5,127	4,778	349	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income in 1999	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950107011	107306	41.98813056	6	0	0.65075922	922
120950117011	26250	11.4533205	365	51	25.0	1568
120950117021	18797	2.50569476	1021	35	43.17124736	2370
120950118003	50234	6.6098081	59	8	8.03814714	757
120950119011	19671	4.34397163	875	125	43.59740907	2031
120950119021	31630	1.02564103	143	0	28.03921569	510
120950124031	40243	11.64072633	781	68	15.40737818	5101
Totals:	N/A	N/A	3,250	287	N/A	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English "Not At All"	Density of People Per Acre That Speak English "Not Well"	% That Speak English "Not At All"	% That Speak English "Not Well"	Speak English "Not at All"	Speak English "Not Well"	Total Population
120950107011	0.0	0.00628566	0.0	0.6795017	0	6	922
120950117011	0.0	0.0	0.0	0.0	0	0	1568
120950117021	0.20813408	1.03075924	1.97833255	9.79745643	42	208	2370
120950118003	0.0	0.01975527	0.0	0.71326676	0	5	757
120950119011	0.01348102	0.08762664	0.74113287	4.81736368	14	91	2031
120950119021	0.0	0.04275227	0.0	2.86885246	0	14	510
120950124031	0.0143154	0.14017164	0.50901379	4.98409332	24	235	5101
Totals:	N/A	N/A	N/A	N/A	80	559	13,259

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race	% People(Age 16- 64) with a Disability
120950107011	0.0	0.0	0.0	6.29067245	0.0	2.7180068
120950117011	0.76530612	1.2755102	97.19387755	0.0	0.0	14.68373494
120950117021	0.0	0.0	89.62025316	4.21940928	2.15189873	31.41780499
120950118003	0.0	0.0	71.07001321	12.41743725	3.5667107	15.2639087
120950119011	0.0	0.59084195	79.27129493	10.09354998	3.64352536	17.57543674
120950119021	1.37254902	0.0	63.92156863	0.0	0.0	22.33606557
120950124031	0.21564399	3.43069986	43.26602627	12.19368751	6.99862772	23.03287381

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre	Density of People Per Acre (Age 16-64) with a Disability
120950107011	0.0	0.0	0.0	0.06076142	0.0	0.02514266
120950117011	0.04391294	0.07318823	5.57694278	0.0	0.0	0.7135852
120950117021	0.0	0.0	10.52563766	0.49555733	0.25273424	3.30536738
120950118003	0.0	0.0	2.12566723	0.37139911	0.10667847	0.42276281
120950119011	0.0	0.01155516	1.55031743	0.19740067	0.07125683	0.31969279
120950119021	0.02137613	0.0	0.99551712	0.0	0.0	0.33285695
120950124031	0.00656123	0.10438314	1.31642048	0.37100749	0.2129416	0.64777193

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950107011	39	196	13	16	78	125	108	347
120950117011	132	279	98	113	126	141	214	465
120950117021	247	605	155	265	363	351	237	147
120950118003	56	179	35	50	88	122	127	100
120950119011	142	531	138	161	199	292	287	281
120950119021	22	63	30	30	58	172	73	62
120950124031	386	1183	341	495	743	887	811	255
Totals:	1,024	3,036	810	1,130	1,655	2,090	1,857	1,657

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 Census Data Block Groups - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2000.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950107011	0	171	196	44	0	0	0
120950117011	106	184	205	38	7	0	50
120950117021	224	421	151	41	9	10	157
120950118003	24	67	114	25	14	0	10
120950119011	243	400	103	42	26	0	71
120950119021	31	30	38	29	5	0	41
120950124031	181	754	550	189	94	12	48
Totals:	809	2,027	1,357	408	155	22	377

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2000 US Census Block Data - Minority Population greater than 40%

USCB 2000 Census Blocks with minority population greater than 40%

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2000 Population
120950117011000	100	11
120950117021017	100	8
120950118003001	89	135
120950118003017	85	20
120950118003018	88	59
120950119011010	50	4
120950119011043	79	38
120950119011044	55	29
120950119021000	46	151
120950119021008	100	6
120950119021016	100	4
120950119021018	50	14
Totals:	N/A	479

Summary: 22.32 acres, 35.0 percent of analysis area.

USCB 2010 Census County Demographics

USCB 2010 Census General Demographic Profile by County

Metadata: <https://etdmpub.fl-a-etat.org/meta/cntdem2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

County	Total 2010 Population	# Male	# Female	Median Age	# White	# Black or African American	# American Indian, Eskimo, or Aleut	# Asian	# Native Hawaiian and Other Pacific Islander	# Some Other Race	# Hispanic or Latino (of any race).	2010 Total Number of Households	Average Household Size
ORANGE	1145956	564326	581630	33.7	728795	238241	4532	56581	1266	77216	308244	421847	2.64

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	565	489	76	1373
120950117021	917	752	165	2058
120950124031	1843	1454	389	4263
120950183003	235	201	34	581
120950183004	358	316	42	1175
120950187001	469	441	28	947
120950187002	939	856	83	2061
Totals:	5,326	4,509	817	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income in 2009	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950117011	40700	9.82612212	269	40	12.32249198	1373
120950117021	18484	3.80100615	931	22	52.30337079	2058
120950124031	46510	4.64204663	534	34	11.06506424	4263
120950183003	61311	16.89587426	51	6	10.24096386	581
120950183004	37708	0.0	271	10	32.7294686	1175
120950187001	154113	31.42227122	50	0	5.51267916	947
120950187002	32275	4.28784489	1009	83	38.33586626	2061
Totals:	N/A	N/A	3,115	195	N/A	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English "Not At All"	Density of People Per Acre That Speak English "Not Well"	% That Speak English "Not At All"	% That Speak English "Not Well"	Speak English "Not at All"	Speak English "Not Well"	Speak English "Well"	Total Population
120950117011	0.03558893	0.18506245	0.42735043	2.22222222	10	52	13	1373
120950117021	0.17703363	1.02173693	2.25225225	12.998713	35	202	128	2058
120950124031	0.02615952	0.09591823	0.99601594	3.65205843	45	165	230	4263
120950183003	0.0	0.0	0.0	0.0	0	0	44	581
120950183004	0.0	0.02457933	0.0	2.03045685	0	16	39	1175
120950187001	0.0	0.0	0.0	0.0	0	0	0	947
120950187002	0.0	0.05267651	0.0	2.17219589	0	55	72	2061
Totals:	N/A	N/A	N/A	N/A	90	490	526	12,458

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race
120950117011	0.43699927	0.36416606	94.24617626	2.62199563	0.07283321
120950117021	0.43731778	0.48590865	95.18950437	1.36054422	1.02040816
120950124031	0.53952616	2.01735867	63.10110251	13.18320432	3.65939479
120950183003	0.17211704	1.20481928	85.71428571	7.22891566	2.75387263
120950183004	0.76595745	3.4893617	63.74468085	10.04255319	2.9787234
120950187001	0.21119324	0.63357973	1.90073918	5.80781415	0.42238648
120950187002	0.09704027	0.33964095	82.04754973	10.67442989	2.32896652

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre
120950117011	0.02135336	0.01779447	4.60520787	0.12812016	0.00355889
120950117021	0.04552293	0.05058104	9.90882502	0.1416269	0.10622018
120950124031	0.01337042	0.04999374	1.56375778	0.3267033	0.09068632
120950183003	0.00405095	0.02835666	2.01737405	0.17013998	0.06481523
120950183004	0.01382587	0.06298454	1.15062001	0.18127258	0.05376729
120950187001	0.00211152	0.00633456	0.01900367	0.05806676	0.00422304
120950187002	0.00191551	0.00670428	1.61956314	0.21070603	0.04597222

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	65	238	49	106	132	167	230	386
120950117021	257	460	120	223	269	260	319	150
120950124031	278	871	252	451	543	628	830	410
120950183003	40	122	43	57	62	71	124	62
120950183004	63	165	69	142	128	208	279	121
120950187001	31	121	20	34	53	96	245	347
120950187002	182	402	134	209	191	214	387	342
Totals:	916	2,379	687	1,222	1,378	1,644	2,414	1,818

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	52	1294	0	5	1	15	36	6
120950117021	14	1959	0	10	21	45	28	9
120950124031	1198	2690	0	86	156	110	562	23
120950183003	42	498	0	7	16	17	42	1
120950183004	305	749	1	41	35	35	118	9
120950187001	905	18	0	6	4	12	55	2
120950187002	272	1691	0	7	48	41	220	2
Totals:	2,788	8,899	1	162	281	275	1,061	52

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Data Block Groups - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2010.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950117011	62	342	144	49	9	23	105
120950117021	144	468	49	11	0	0	132
120950124031	180	596	552	220	62	72	131
120950183003	16	95	16	13	0	0	0
120950183004	10	109	76	83	0	0	47
120950187001	0	135	228	53	0	0	0
120950187002	281	532	129	28	0	0	223
Totals:	693	2,277	1,194	457	71	95	638

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

USCB 2010 US Census Block Data

USCB 2010 US Census Bureau data by block. Detailed information is for each of the entire blocks that intersect an analysis area.

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2010 Population	# White
120950117011024	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950117011025	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950117021000	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031013	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031019	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031029	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031030	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031031	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031032	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031101	0	0	4	0	1	0	0.0	2.0	6	40.8	0	7	7.0
120950124031109	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031113	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2010 Population	# White
120950124031114	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031115	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031127	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950124031128	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003000	0	6	3	131	79	0	18.0	49.0	83	30.3	3	162	15.0
120950183003003	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003006	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003013	0	0	2	18	16	0	1.0	13.0	14	37.0	0	30	8.0
120950183003014	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003015	0	0	3	4	3	0	0.0	2.0	3	26.0	0	6	2.0
120950183003016	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183003019	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950183004000	1	0	2	236	152	0	30.0	39.0	199	49.3	0	351	107.0
120950183004006	0	0	3	84	49	0	11.0	37.0	57	38.5	5	106	17.0
120950183004007	0	5	3	57	39	0	12.0	32.0	49	38.0	0	88	23.0
120950183004008	0	0	4	57	47	0	1.0	19.0	29	22.7	2	76	15.0
1209501830	0	5	3	43	28	0	6.0	17.0	28	35.0	0	56	5.0

Census Block number	# Native American	# Asian	Average Household Size	# Black	Females	Native Hawaiian and Other Pacific Islander Alone	# Hispanic	# Households	Males	Median Age Both Sexes	# Other Race	2010 Population	# White
04009													
1209501830 04064	0	0	6	6	3	0	0.0	1.0	3	19.5	0	6	0.0
1209501830 04065	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501830 04066	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501830 04069	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501830 04075	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01004	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01005	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01007	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01012	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 01018	0	2	2	3	128	0	11.0	117.0	126	59.3	3	254	244.0
1209501870 02000	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
1209501870 02011	0	0	3	173	110	0	23.0	65.0	92	37.0	5	202	24.0
1209501870 02027	0	0	2	8	4	0	0.0	6.0	7	37.5	0	11	3.0
Totals:	1	18	N/A	820	659	0	113	399	696	N/A	18	1,355	470

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2010 US Census Block Data - Minority Population greater than 40%

USCB Census Blocks 2010 with minority population greater than 40%

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenblk2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2010 Population
120950183003000	93.8	162
120950183003013	73.3	30
120950183003015	66.7	6
120950183004000	75.8	351
120950183004006	89.6	106
120950183004007	83.0	88
120950183004008	80.3	76
120950183004009	91.1	56
120950183004064	100.0	6
120950187002011	94.6	202
120950187002027	72.7	11
Totals:	N/A	1,094

Summary: 22.63 acres, 35.5 percent of analysis area.

USCB 2020 Census Data Block Groups - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	573	537	36	1519
120950117021	1082	990	92	2542
120950124031	1094	1023	71	2605
120950183002	682	636	46	1336
120950183003	364	332	32	837
120950187001	460	435	25	1076
120950187002	894	829	65	2154
Totals:	5,149	4,782	367	12,069

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race
120950117011	0.2	0.59	84.27	10.8	4.81
120950117021	0.12	0.12	87.49	8.18	2.4
120950124031	0.54	2.19	62.11	15.2	7.41
120950183002	0.52	4.79	55.76	17.66	7.63
120950183003	0.24	1.43	76.22	10.87	3.11
120950187001	0.19	1.12	2.79	10.97	2.79
120950187002	0.23	1.07	72.38	13.46	6.13

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre
120950117011	0.01	0.03	4.55	0.58	0.26
120950117021	0.01	0.01	9.88	0.92	0.27
120950124031	0.01	0.04	1.15	0.28	0.14
120950183002	0.01	0.1	1.12	0.35	0.15
120950183003	0.0	0.03	1.43	0.2	0.06
120950187001	0.0	0.01	0.03	0.12	0.03
120950187002	0.0	0.02	1.52	0.28	0.13

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	62	217	101	131	168	155	321	364
120950117021	221	580	99	316	343	285	412	286
120950124031	161	499	108	264	409	353	529	282
120950183002	53	174	43	106	173	179	393	215
120950183003	40	124	22	76	89	129	213	144
120950187001	52	164	25	62	117	96	219	341
120950187002	119	371	82	248	341	199	393	401
Totals:	708	2,129	480	1,203	1,640	1,396	2,480	2,033

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Data Block Groups - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblkgrp_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	85	1280	0	9	73	69	164	3
120950117021	85	2224	0	3	61	166	208	3
120950124031	430	1618	0	57	193	293	396	14
120950183002	287	745	0	64	102	131	236	7
120950183003	100	638	0	12	26	59	91	2
120950187001	917	30	0	12	30	85	118	2
120950187002	306	1559	0	23	132	129	290	5
Totals:	2,210	8,094	0	180	617	932	1,503	36

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 Census Urban Areas

Metadata: <https://etdmpub.flas-etat.org/meta/ua2020.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
Orlando, FL Urban Area	63.7	100%
Totals	63.7	-

USCB 2020 US Census Block Data

USCB 2020 US Census Bureau data by block. Detailed information is for each of the entire blocks that intersect an analysis area.

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblk_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
120950117011000	35	17	2.06	25	10	4	30	0	0	0	1	5	41.5
120950117011006	0	0	None	0	0	0	0	0	0	0	0	0	None
120950117011007	9	0	None	4	5	1	4	0	1	0	0	3	14.5
120950117021000	6	0	None	3	3	1	2	0	0	0	0	1	19.5
120950124031011	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031012	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031026	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031027	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031033	19	2	9.5	13	6	9	4	0	0	0	0	3	31.5
120950124031034	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031035	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031060	0	0	None	0	0	0	0	0	0	0	0	0	None

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
120950124031062	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031079	0	0	None	0	0	0	0	0	0	0	0	0	None
120950124031080	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002000	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002001	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002033	471	350	1.19	304	167	149	262	0	1	2	17	59	56.4
120950183002035	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002036	100	41	2.44	47	53	7	87	0	0	0	1	5	35.5
120950183002037	104	38	2.74	58	46	10	70	0	8	0	9	15	35.0
120950183002038	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002039	45	21	2.14	39	6	11	24	0	2	0	4	8	29.4
120950183002040	49	8	6.12	23	26	12	27	0	4	0	5	5	52.2
120950183002041	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002057	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002059	16	2	8.0	5	11	1	4	0	2	0	6	5	13.0
120950183002061	0	0	None	0	0	0	0	0	0	0	0	0	None
1209501830	0	0	None	0	0	0	0	0	0	0	0	0	None

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
02062													
120950183002063	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183002064	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003001	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003002	141	52	2.48	75	66	24	96	0	0	0	7	28	47.1
120950183003007	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003015	54	21	2.57	30	24	4	49	0	0	0	0	0	46.0
120950183003019	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003020	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003021	0	0	None	0	0	0	0	0	0	0	0	0	None
120950183003022	6	1	6.0	2	4	1	2	0	0	1	0	1	11.5
120950183003028	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001005	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001006	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001008	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001009	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001010	0	0	None	0	0	0	0	0	0	0	0	0	None

Census Block number	2020 Population	# Households	Average Household Size	Males	Females	# White	# Black	Native Hawaiian and Other Pacific Islander Alone	# Asian	# Native American	# Other Race	# Hispanic	Median Age Both Sexes
120950187001021	314	130	2.42	161	153	302	0	0	0	0	3	12	51.1
120950187001027	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001033	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001034	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187001035	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187002000	0	0	None	0	0	0	0	0	0	0	0	0	None
120950187002015	377	210	1.8	144	233	33	277	0	6	0	27	64	54.8
120950187002038	15	1	15.0	2	13	0	10	0	2	0	2	3	11.5
Totals:	1,761	894	N/A	935	826	569	948	0	26	3	82	217	N/A

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2020 US Census Block Data - Minority Population greater than 40%
USCB Census Blocks 2020 with minority population greater than 40%

Metadata: https://etdmpub.fl-a-etat.org/meta/cenblk_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2020 Population
120950117011000	100.0	35
120950117011007	100.0	9
120950117021000	100.0	6
120950124031033	52.63	19
120950183002033	71.34	471
120950183002036	93.0	100
120950183002037	90.38	104
120950183002039	80.0	45
120950183002040	75.51	49
120950183002059	100.0	16
120950183003002	89.36	141
120950183003015	92.59	54
120950183003022	83.33	6
120950187002015	93.1	377
120950187002038	100.0	15
Totals:	N/A	1,447

Summary: 15.22 acres, 23.9 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Geographic Mobility

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median year - Total	Owner occupied (Median Year)	Renter Occupied (Median Year)	Geographical Mobility in the Past Year - Total	Same house 1 year ago	Different house in United States 1 year ago	Abroad 1 year ago
120950117011	2006	1989	2019	1625	1082	543	0
120950117021	2019	1997	2020	1896	1304	453	139
120950124031	2017	2015	2018	3030	2687	326	17
120950183002	2016	2013	2017	839	646	193	0
120950183003	2014	1997	2015	478	400	47	31
120950187001	2016	2015	0	1561	1518	32	11
120950187002	2019	2014	2019	1816	1650	116	50
Totals:	N/A	N/A	N/A	11,245	9,287	1,710	248

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Household Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total Households (HH) by HH Language	HH Not Limited English Speaking Status	Spanish: Limited English speaking HH	Indo-European languages: Limited English speaking HH	Asian and Pacific Island languages: Limited English speaking HH	Other languages: Limited English speaking HH
120950117011	421	421	0	0	0	0
120950117021	765	716	0	28	0	21
120950124031	1106	981	58	67	0	0
120950183002	435	392	43	0	0	0
120950183003	298	298	0	0	0	0
120950187001	567	567	0	0	0	0
120950187002	924	754	170	0	0	0
Totals:	4,516	4,129	271	95	0	21

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Housing

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950117011	491	421	70	1625
120950117021	1012	765	247	1926
120950124031	1253	1106	147	3064
120950183002	483	435	48	839
120950183003	355	298	57	478
120950187001	593	567	26	1561
120950187002	1051	924	127	1930
Totals:	5,238	4,516	722	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Income

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Median Family Income	% Over 25 With Bachelor Degree	Number of Households Below Poverty Level	Number of Households on Public Assistance	Percentage - Ratio of Income to Poverty Level in the past year is under 1	Total Population
120950117011	54728	12.98	263	23	17.59	1625
120950117021	37024	3.89	428	0	22.22	1926
120950124031	33052	5.29	1076	33	35.22	3064
120950183002	46731	4.41	220	35	26.22	839
120950183003	0	5.23	139	0	29.08	478
120950187001	250001	27.48	0	10	0.0	1561
120950187002	50818	5.8	580	0	30.66	1930
Totals:	N/A	N/A	2,706	101	N/A	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Internet Access

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total Households Types of Computers in HH	Households with 1 or more device	Households with no computer	Total Households Presence and Types of Internet Subscriptions	Households with an internet subscription	Households with no internet access	Households with internet access without a subscription
120950117011	421	402	19	421	365	51	5
120950117021	765	691	74	765	591	174	0
120950124031	1106	1106	0	1106	945	148	13
120950183002	435	346	89	435	222	164	49
120950183003	298	298	0	298	206	57	35
120950187001	567	567	0	567	555	12	0
120950187002	924	833	91	924	763	146	15
Totals:	4,516	4,243	273	4,516	3,647	752	117

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Language

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of People Per Acre That Speak English Not At All	Density of People Per Acre That Speak English Not Well	% That Speak English Not At All	% That Speak English Not Well	Speak English Not at All	Speak English Not Well	Speak English Well	Total Population
120950117011	0.04	0.27	0.75	4.67	12	75	101	1625
120950117021	0.0	0.25	0.0	3.18	0	56	35	1926
120950124031	0.0	0.15	0.0	7.38	0	207	257	3064
120950183002	0.0	0.18	0.0	15.31	0	122	10	839
120950183003	0.0	0.0	0.0	0.0	0	0	11	478
120950187001	0.05	0.01	3.23	0.73	49	11	84	1561
120950187002	0.02	0.0	1.08	0.0	19	0	299	1930
Totals:	N/A	N/A	N/A	N/A	80	471	797	11,423

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Percentages

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	% American Indian and Alaska Native	% Asian	% Black or African American	% Hispanic or Latino	% Some Other Race	% People(Age 20-64) with a Disability
120950117011	0.0	0.0	92.62	3.02	1.35	17.03
120950117021	1.04	0.0	85.15	9.09	0.0	13.64
120950124031	0.0	5.12	74.31	8.78	0.1	20.6
120950183002	0.0	1.19	46.25	26.82	13.23	28.0
120950183003	0.0	0.0	88.28	7.74	0.0	33.24
120950187001	0.0	1.47	1.92	16.46	2.43	0.0
120950187002	0.0	0.0	75.34	18.86	0.52	20.28

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Population Densities

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Density of American Indian and Alaska Native Population Per Acre	Density of Asian Population Per Acre	Density of Black or African American Population Per Acre	Density of Hispanic or Latino Population Per Acre	Density of Some Other Race Population Per Acre	Density of People Per Acre (Age 20-64) with a Disability
120950117011	0.0	0.0	5.35	0.17	0.08	0.5
120950117021	0.09	0.0	7.28	0.78	0.0	0.55
120950124031	0.0	0.11	1.62	0.19	0.0	0.26
120950183002	0.0	0.01	0.58	0.34	0.17	0.27
120950183003	0.0	0.0	0.94	0.08	0.0	0.27
120950187001	0.0	0.02	0.03	0.27	0.04	0.0
120950187002	0.0	0.0	1.41	0.35	0.01	0.21

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Population Totals

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Population Under 5	Population 5 to 17	Population 18 to 21	Population 22 to 29	Population 30 to 39	Population 40 to 49	Population 50 to 64	Population Aged 65 and Older
120950117011	20	411	36	15	154	173	478	338
120950117021	164	463	52	186	242	178	303	338
120950124031	258	643	118	330	410	268	661	376
120950183002	42	0	28	133	160	67	262	147
120950183003	0	0	0	25	135	46	161	111
120950187001	44	490	3	42	191	87	431	273
120950187002	171	156	101	198	87	201	518	498
Totals:	699	2,163	338	929	1,379	1,020	2,814	2,081

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Race and Ethnicity

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	White Alone	Black or African American Alone	Native Hawaiian and Other Pacific Islander Alone	Asian Alone	Some Other Race Alone	2 or More Races	Hispanic or Latino of Any Race	American Indian or Alaska Native Alone
120950117011	71	1505	0	0	22	27	49	0
120950117021	168	1640	0	0	0	98	175	20
120950124031	426	2277	0	157	3	201	269	0
120950183002	295	388	0	10	111	35	225	0
120950183003	56	422	0	0	0	0	37	0
120950187001	1208	30	0	23	38	262	257	0
120950187002	314	1454	0	0	10	152	364	0
Totals:	2,538	7,716	0	190	184	775	1,376	20

Summary: 63.7 acres, 100 percent of analysis area.

USCB 2023 American Community Survey Block Group Data - Transportation

Metadata: https://etdmpub.fl-a-etat.org/meta/cenacs_2023.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 Vehicles Available	Housing Units With 5 or More Vehicles Available	Public Transportation to Work
120950117011	20	79	178	144	0	0	12
120950117021	75	407	228	37	18	0	92
120950124031	124	399	462	91	0	30	34
120950183002	141	131	138	25	0	0	18
120950183003	12	177	109	0	0	0	123
120950187001	9	94	335	129	0	0	0
120950187002	140	593	158	33	0	0	126
Totals:	521	1,880	1,608	459	18	30	405

Summary: 63.7 acres, 100 percent of analysis area.

USCB County Demographics - 2000 Census

USCB 2000 Census General Demographic Profile by County

Metadata: <https://etdmpub.fl-a-etat.org/meta/cntdem.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

County	Total Population	# Male	# Female	Median Age	# White	# Black or African American	# American Indian, Eskimo, or Aleut	# Asian	# Native Hawaiian and Other Pacific Islander	# Some Other Race	# Hispanic or Latino (of any race).	Total Number of Households	Average Household Size
ORANGE	896344.0	443716.0	452628.0	33.3	614830.0	162899.0	3079.0	30033.0	843.0	53889.0	168361.0	336286.0	2.61

Summary: 63.7 acres, 100 percent of analysis area.

WMD FL Land Use and Land Cover (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
1400: COMMERCIAL AND SERVICES	4.23	6.64%
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
1700: INSTITUTIONAL	0.26	0.41%
8320: ELECTRICAL POWER TRANSMISSION LINES	0.13	0.2%
4340: HARDWOOD - CONIFEROUS MIXED	0.82	1.29%
1410: RETAIL SALES AND SERVICES	0.3	0.47%
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
8140: ROADS AND HIGHWAYS	56.7	89.02%
Totals	63.7	-

WMD Residential Areas (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
Totals	0.15	-

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

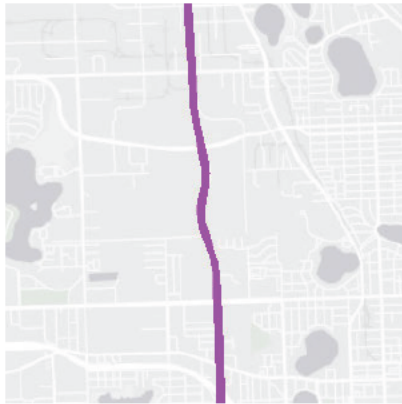
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Special Designations			
DCA Areas of Critical State Concern in Florida	i	10/16/2025	0
DCA Waterfronts Florida Program Designated Communities	i	10/16/2025	0
FDACS State Forests	i	10/16/2025	0
FDEP Brownfield Location Boundaries	i	10/16/2025	2
FDEP List of Aquatic Preserves	i	10/16/2025	0
FDEP NPDES Stormwater Permits	i	10/16/2025	2
FDEP National Pollutant Discharge Elimination System (NPDES) Stormwater Facilities and Activities	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Other Outstanding Florida Waters			
FDEP Subsidence Incident Reports for the State of Florida		10/16/2025	0
FDEP Wild and Scenic Rivers		10/16/2025	0
FEMA DFIRM (SFHA) 100 Year Flood Zones		10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain		10/16/2025	N/A
FEMA DFIRM 500 Year Floodplain		10/16/2025	N/A
FEMA DFIRM Panel Areas		10/16/2025	2
FEMA DFIRM Regulatory Floodway		10/16/2025	0
FNAI Florida Forever Acquisitions		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI National Forests		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
FWRI Mangroves		10/16/2025	0
GEOPLAN American Indian Lands and Native Entities In Florida		10/16/2025	0
GEOPLAN Planned Unit Development		10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
GEOPLAN Wild and Scenic River Systems Buffered by 220 ft		10/16/2025	0
NOAA Coastal Barrier Resource System		10/16/2025	0
NOAA Marine Protected Areas		10/16/2025	0
NPS Nationwide Rivers Inventory in Florida		10/16/2025	0

Analysis Type		Date Run	Count
NPS Nationwide Rivers Inventory in Florida (Buffered by 0.25 miles)		10/16/2025	0
NPS Outstanding National Resource Waters		10/16/2025	0
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data		10/16/2025	3
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0
SFWMD Surface Water Projects		10/16/2025	0
SWFWMD Environmental Resource Permit Project Activity Areas		10/16/2025	0
SWFWMD Sensitive Karst Areas in the SWFWMD		10/16/2025	0
SWFWMD Storm Water Management Permit Points		10/16/2025	0
SWFWMD Water Use Permit Boundaries		10/16/2025	0
SWFWMD Well Construction Permit Locations		10/16/2025	0
SWFWMD Works of the District		10/16/2025	0
USCB 2010 Census Designated Places		10/16/2025	1
USDOT Potential Navigable Waterways		10/16/2025	0
USEPA Assessment Cleanup and Redevelopment Exchange System (ACRES)		10/16/2025	0
USEPA Sole Source Aquifers		10/16/2025	0
USFS National Wild and Scenic River Active Study Rivers		10/16/2025	0
WMD Water Management District Owned Lands		10/16/2025	0

FDEP Brownfield Location Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/brownfields_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Area Name	Area of Interest	
	Acr	Pct
ORLANDO-SUNTERRA AREA	0.08	0.13%
DEEDS ORLANDO EXPANDED	22.62	35.51%
Totals	22.7	-

FDEP NPDES Stormwater Permits

Metadata: https://etdmpub.fl-a-etat.org/meta/npdes_stormwater.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORANGE COUNTY [FLS000011]	FLS000011
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 63.7 acres, 100 percent of analysis area.

FEMA DFIRM (SFHA) 100 Year Flood Zones

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100_floodzones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
AE	4.42	6.91%
Totals	64	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM 500 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_500.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	59.58	93.09%
500 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM Panel Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_panel.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0235F	2009-09-25 00:00:00
12095C0245F	2009-09-25 00:00:00

Summary: 63.7 acres, 100 percent of analysis area.

NRCS Prime Farm Land - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Farmland Classification	Area of Interest	
	Acr	Pct
FARMLAND OF UNIQUE IMPORTANCE	4.74	7.45%
Totals	4.74	-

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.fl-a-etat.org/meta/cenplace2010.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 54.43 acres, 85.5 percent of analysis area.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

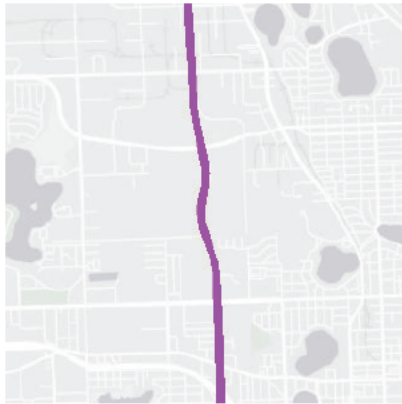
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Water Resources			
FDEP Adopted Aquifer Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Estuary Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Lake Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted River Minimum Flows and Levels (MFLs)	i	10/16/2025	0
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida	i	10/16/2025	2
FDEP Basin Management Action Plans (BMAP) Areas in Florida	i	10/16/2025	3
		10/16/2025	2

Analysis Type		Date Run	Count
FDEP Cumulative Impact Basins from Water Management Districts			
FDEP DRASTIC Coverage for the Floridan Aquifer System		10/16/2025	2
FDEP DRASTIC Coverage for the Intermediate Aquifer		10/16/2025	0
FDEP DRASTIC Coverage for the Surficial Aquifer System		10/16/2025	1
FDEP EPA Established Total Maximum Daily Loads (TMDLs)		10/16/2025	0
FDEP Floridan Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Flowing Waters Resource		10/16/2025	0
FDEP HUC 12 Subwatershed Boundaries		10/16/2025	2
FDEP Intermediate Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Lakes Resource		10/16/2025	0
FDEP List of Aquatic Preserves		10/16/2025	0
FDEP Other Outstanding Florida Waters		10/16/2025	0
FDEP Outstanding Florida Springs (OFS)		10/16/2025	0
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation		10/16/2025	1
FDEP STORET Stations		10/16/2025	0
FDEP Springs		10/16/2025	0
FDEP Springs Priority Focus Areas		10/16/2025	1
FDEP State funded Hazardous Waste Cleanup Sites		10/16/2025	0
FDEP Strategic Monitoring Plan (SMP) for Waterbodies		10/16/2025	0
FDEP Subsidence Incident Reports for the State of Florida		10/16/2025	0
FDEP Surface Water Classification		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Surficial Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Verified Impaired Florida Waters		10/16/2025	0
FDEP Waterbody IDs		10/16/2025	2
FDEP Waters Not Attaining Standards (WNAS)		10/16/2025	2
FDEP Watershed Information Network (WIN) Monitoring Locations		10/16/2025	0
FDEP Wild and Scenic Rivers		10/16/2025	0
FDOH Known On-Site Domestic Wells		10/16/2025	0
FDOH Known On-Site Septic Systems		10/16/2025	0
FDOH Likely On-Site Domestic Wells		10/16/2025	0
FDOH Likely On-Site Septic Systems		10/16/2025	0
FDOH Limited Use Drinking Water Wells		10/16/2025	0
FDOH Super Act Risk Sources		10/16/2025	0
FDOH Super Act Wells		10/16/2025	0
FEMA DFIRM (SFHA) 100 Year Flood Zones		10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain		10/16/2025	N/A
FEMA DFIRM 500 Year Floodplain		10/16/2025	N/A
FNAI Public Lands in Florida		10/16/2025	0
GEOPLAN Wild and Scenic River Systems Buffered by 220 ft		10/16/2025	0
NOAA Marine Protected Areas		10/16/2025	0
SFWMD Arc Hydro Enhanced Database (AHED) Watersheds		10/16/2025	1
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0

Analysis Type		Date Run	Count
SFWMD North/South Everglades and NEEPP Boundaries		10/16/2025	1
SFWMD Rule 40E-2 Consumptive Use Canals		10/16/2025	0
SFWMD Rule 40E-4 Cumulative Impact Basins		10/16/2025	1
SFWMD Surface Water Projects		10/16/2025	0
SJRWMD Spring Capture Zones (Springsheds)		10/16/2025	1
SJRWMD Springs and Seeps 2007		10/16/2025	0
SRWMD Springs Locations		10/16/2025	0
SRWMD USGS Springs		10/16/2025	0
SWFWMD Environmental Resource Permit Project Activity Areas		10/16/2025	0
SWFWMD Recharge Areas of the Floridan Aquifer		10/16/2025	1
SWFWMD Sensitive Karst Areas in the SWFWMD		10/16/2025	0
SWFWMD Storm Water Management Permit Points		10/16/2025	0
SWFWMD Water Use Permit Boundaries		10/16/2025	0
SWFWMD Well Construction Permit Locations		10/16/2025	0
SWFWMD Works of the District		10/16/2025	0
USACE Major Dams		10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)		10/16/2025	17
USEPA Sole Source Aquifers		10/16/2025	0
USEPA Superfund Hazardous Waste Sites		10/16/2025	0
USEPA US EPA ATTAINS: CWA Sections 303(d) and 305(b) Surface Water Quality Assessment Areas		10/16/2025	2
USEPA Water Quality Data Monitoring Stations		10/16/2025	0

Analysis Type		Date Run	Count
USFS National Wild and Scenic River Active Study Rivers	i	10/16/2025	0
USGS Geologic Units and Structural Features	i	10/16/2025	1
USGS Principal Aquifers of the State of Florida	i	10/16/2025	1
USGS Township Range Section	i	10/16/2025	4
WMD Water Management District Owned Lands	i	10/16/2025	0

FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/adopted_tmdls.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Status	Name and Waterbody ID	TMDL Parameter
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	DISSOLVED OXYGEN AND NUTRIENT
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	BACTERIA

Summary: 95.04 acres, 100 percent of analysis area.

FDEP Basin Management Action Plans (BMAP) Areas in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/bmap_area.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIVA RIVER	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIWA SPRING AND ROCK SPRINGS	SPRING BMAP	ADOPTED BMAPS

Summary: 72.43 acres, 100 percent of analysis area.

FDEP Cumulative Impact Basins from Water Management Districts

Metadata: https://etdmpub.fl-a-etat.org/meta/wmd_ci_basins.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Water Management District (Cumulative Impact Basin Name)	Area of Interest	
	Acr	Pct
SFWMD (SHINGLE CREEK)	16.21	25.45%
SJRWMD (WEKIVA RIVER NESTED)	47.49	74.55%
Totals	63.71	-

FDEP DRASTIC Coverage for the Floridan Aquifer System

Metadata: <https://etdmpub.fl-a-etat.org/meta/aqdrfl.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
129	37.39	58.7%
134	26.31	41.3%
Totals	63.7	-

FDEP DRASTIC Coverage for the Surficial Aquifer System

Metadata: <https://etdmpub.fl-a-etat.org/meta/aqdrsu.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
172	63.7	100%
Totals	63.7	-

FDEP Floridan Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_fas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	64.72	100.0%
Totals	64.72	-

FDEP HUC 12 Subwatershed Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/nhdwbd_huc12.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

HUC12 ID	Name
030801011403	LAKE FAIRVIEW
030901010301	BIG SAND LAKE

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Intermediate Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_ias_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.6	100.0%
Totals	63.6	-

FDEP Restoration Area Plans and Non-BMAP TMDL Implementation

Metadata: https://etdmpub.fl-a-etat.org/meta/non_bmap_tmdl_ra.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID	Area of Interest	
	Acr	Pct
LITTLE WEKIVA CANAL [WBID: 3004]	47.52	74.6%
Totals	47.52	-

FDEP Springs Priority Focus Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/springs_prio_fa.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WEKIWA-ROCK	5.21	8.18%
Totals	5.21	-

FDEP Surficial Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_sas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	1.78	2.82%
MORE VULNERABLE	3.78	5.99%
MOST VULNERABLE	57.6	91.2%
Totals	63.16	-

FDEP Waterbody IDs

Metadata: <https://etdmpub.fl-a-etat.org/meta/wbids.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
LITTLE WEKIVA CANAL [WBID: 3004]
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Waters Not Attaining Standards (WNAS)

Metadata: https://etdmpub.fl-a-etat.org/meta/waters_not_stnd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name (WBID)	Area of Interest	
	Acr	Pct
LITTLE WEKIVA CANAL [WBID: 3004]	47.52	74.6%
SHINGLE CREEK HEADWATERS [WBID: 3169G1]	16.18	25.4%
Totals	63.7	-

FEMA DFIRM (SFHA) 100 Year Flood Zones

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100_floodzones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
AE	4.42	6.91%
Totals	64	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM 500 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_500.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	59.58	93.09%
500 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

SFWMD Arc Hydro Enhanced Database (AHED) Watersheds

Metadata: https://etdmpub.fl-a-etat.org/meta/sfwmd_watershed.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Watershed name	Area of Interest	
	Acr	Pct
SHINGLE CREEK	15.99	25.1%
Totals	15.99	-

SFWMD North/South Everglades and NEEPP Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/neepp_bnd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name (Type)	Area of Interest	
	Acr	Pct
SHINGLE CREEK [NEEPP LO DRAINAGE BASIN] / UPPER KISSIMMEE SUBWATERSHED (S-65) [LOPP DRAINAGE BASIN]	15.98	25.09%
Totals	15.98	-

SFWMD Rule 40E-4 Cumulative Impact Basins

Metadata: https://etdmpub.fl-a-etat.org/meta/sfwmd_40e4_basins.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Rule 40E-4 Cumulative Impact Basins	Area of Interest	
	Acr	Pct
SHINGLE CREEK	16.2	25.43%
Totals	16.2	-

SJRWMD Spring Capture Zones (Springsheds)

Metadata: https://etdmpub.fl-a-etat.org/meta/sjrwmd_springsheds.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Springshed Name	Area of Interest	
	Acr	Pct
WEKIVA: REFINEMENT	14.71	23.09%
Totals	14.71	-

SWFWMD Recharge Areas of the Floridan Aquifer

Metadata: <https://etdmpub.fl-a-etat.org/meta/rcharg.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	63.7	100%
Totals	63.7	-

USEPA National Pollutant Discharge Elimination System (NPDES)
USEPA National Pollutant Discharge Elimination System (NPDES)

Metadata: <https://etdmpub.fl-a-etat.org/meta/epanpdes.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110010124846	GREYHOUND LINES INC	ICIS-NPDES NON-MAJOR
110010124846	GREYHOUND LINES INC	STORM WATER INDUSTRIAL
110040455851	PRINCETON RETAIL CONTRACTORS B	ICIS-NPDES NON-MAJOR
110040455851	PRINCETON RETAIL CONTRACTORS B	STORM WATER CONSTRUCTION
110064409126	CONTRACTORS BUSINESS PARK	ICIS-NPDES NON-MAJOR
110064409126	CONTRACTORS BUSINESS PARK	STORM WATER CONSTRUCTION
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	ICIS-NPDES NON-MAJOR
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110071069845	WAWA STORE 5100	ICIS-NPDES NON-MAJOR

Summary: 17 feature(s) found within buffer.

USEPA US EPA ATTAINS: CWA Sections 303(d) and 305(b) Surface Water Quality Assessment Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/usepa_attains_au_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Assessment Unit Name	Verified Impaired	Has TMDL	On 303(d) list	Integrated Reporting Category	Has 4b Plan	Has Alternative Restoration Plan	Waterbody Report
LITTLE WEKIVA CANAL	Y	Y	N	4A	N	N	https://mywaterway.epa.gov/waterbody-report/21FL303D/FL3004/2022
SHINGLE CREEK HEADWATERS	Y	N	Y	5	N	N	https://mywaterway.epa.gov/waterbody-report/21FL303D/FL3169G1/2022

Summary: 63.7 acres, 100 percent of analysis area.

USGS Geologic Units and Structural Features

Metadata: <https://etdmpub.fl-a-etat.org/meta/flgeol.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
UNDIFFERENTIATED SEDIMENTS	63.7	100%
Totals	63.7	-

USGS Principal Aquifers of the State of Florida

Metadata: <https://etdmpub.fl-a-etat.org/meta/aquip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	63.7	100%
Totals	63.7	-

USGS Township Range Section
USGS Public Land Surveys, Township Range Section

Metadata: <https://etdmpub.fla-etat.org/meta/plss.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

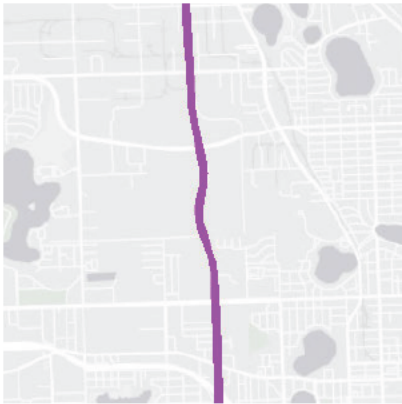
Township, Range, Section
22S29E09
22S29E16
22S29E21
22S29E28

Summary: 63.7 acres, 100 percent of analysis area.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Map Information

Analysis Type		Date Run	Features within AOI
			Count
City, County, Regional, Agency Boundaries			
City, County, Regional, Agency Boundaries			
GEOPLAN American Indian Lands and Native Entities In Florida	i	10/16/2025	0
GEOPLAN Community and Fraternal Center Boundaries	i	10/16/2025	0
WMD Water Management District Boundaries	i	10/16/2025	2
Government-owned Lands and Facilities			
Government-owned Lands and Facilities			
FDEP Florida State Parks	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Law Enforcement Facilities			
FDEP Public Water Supply (PWS) Plants		10/16/2025	0
FDEP Wastewater Facilities		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI Florida Managed Areas		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
GEOPLAN Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Cemeteries (Polygons)		10/16/2025	0
GEOPLAN Cultural Centers (Polygons)		10/16/2025	0
GEOPLAN Fire Stations (Points)		10/16/2025	0
GEOPLAN Geocoded Government Buildings		10/16/2025	0
GEOPLAN Geocoded Social Service Facilities		10/16/2025	0
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN Local Florida Parks and Recreational Facility Boundaries		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
GEOPLAN U.S. Military Installations		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0
UFCLCP Florida Ecological Greenways Network		10/16/2025	N/A
Tax Maps and Landowner Information			

Analysis Type	Date Run	Count
Tax Maps and Landowner Information		
GEOPLAN Generalized Agricultural Land Use (Parcel Derived) 	10/16/2025	0

WMD Water Management District Boundaries

Metadata: <https://etdmpub.fl-a-etat.org/meta/wmdbnd.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description
SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 63.7 acres, 100 percent of analysis area.

UFCLCP Florida Ecological Greenways Network

Metadata: <https://etdmpub.fl-a-etat.org/meta/fegn.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	64.27	100.0%
Totals	64.27	-

Designated Regulatory Regions

Analysis Type		Date Run	Features within AOI
			Count
TMDLs, BMAPs, RAPs			
TMDLs, BMAPs, RAPs			
FDEP Adopted Aquifer Minimum Flows and Levels (MFLs)		10/16/2025	0
FDEP Adopted Estuary Minimum Flows and Levels (MFLs)		10/16/2025	0
FDEP Adopted Lake Minimum Flows and Levels (MFLs)		10/16/2025	0
FDEP Adopted Minimum Flows and Levels (MFLs)		10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Adopted River Minimum Flows and Levels (MFLs)			
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida		10/16/2025	2
FDEP Basin Management Action Plans (BMAP) Areas in Florida		10/16/2025	3
FDEP NPDES Stormwater Permits		10/16/2025	2
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation		10/16/2025	1
FDEP Verified Impaired Florida Waters		10/16/2025	0
FDEP Waterbody IDs		10/16/2025	2
FDEP Watershed Information Network (WIN) Monitoring Locations		10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)		10/16/2025	17
Water Supply / Groundwater Recharge / Aquifer Protection			
Water Supply / Groundwater Recharge / Aquifer Protection			
FDEP Floridan Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDEP Intermediate Aquifer System FAVA II Response Theme		10/16/2025	N/A
FDOH Known On-Site Septic Systems		10/16/2025	0
FDOH Likely On-Site Septic Systems		10/16/2025	0
FNAI CLIP Version 4 Aquifer Recharge		10/16/2025	N/A
SWFWMD Recharge Areas of the Floridan Aquifer		10/16/2025	1
Wells and Wellfields			
Wells and Wellfields			
FDOH Known On-Site Domestic Wells		10/16/2025	0
FDOH Likely On-Site Domestic Wells		10/16/2025	0
FDOH Limited Use Drinking Water Wells		10/16/2025	0

Analysis Type		Date Run	Count
Government Water Quality Programs			
Government Water Quality Programs			
FDEP Mitigation Bank Service Areas		10/16/2025	11
FDEP Mitigation Banks		10/16/2025	0
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0
SFWMD Surface Water Projects		10/16/2025	0
USACE Mitigation Bank and In-Lieu Fee Program Sites		10/16/2025	0
USEPA Water Quality Data Monitoring Stations		10/16/2025	0
Developments of Regional Impacts (DRIs), Large Private Lands, and Sector Plans			
Developments of Regional Impacts (DRIs), Large Private Lands, and Sector Plans			
GEOPLAN Developments of Regional Impact (DRI)		10/16/2025	0
GEOPLAN Golf Courses		10/16/2025	0

FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/adopted_tmdls.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Status	Name and Waterbody ID	TMDL Parameter
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	DISSOLVED OXYGEN AND NUTRIENT
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	BACTERIA

Summary: 95.04 acres, 100 percent of analysis area.

FDEP Basin Management Action Plans (BMAP) Areas in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/bmap_area.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIVA RIVER	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIWA SPRING AND ROCK SPRINGS	SPRING BMAP	ADOPTED BMAPS

Summary: 72.43 acres, 100 percent of analysis area.

FDEP NPDES Stormwater Permits

Metadata: https://etdmpub.fl-a-etat.org/meta/npdes_stormwater.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORANGE COUNTY [FLS000011]	FLS000011
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Restoration Area Plans and Non-BMAP TMDL Implementation

Metadata: https://etdmpub.fl-a-etat.org/meta/non_bmap_tmdl_ra.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID	Area of Interest	
	Acr	Pct
LITTLE WEKIVA CANAL [WBID: 3004]	47.52	74.6%
Totals	47.52	-

FDEP Waterbody IDs

Metadata: <https://etdmpub.fl-a-etat.org/meta/wbids.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID

LITTLE WEKIVA CANAL [WBID: 3004]
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 63.7 acres, 100 percent of analysis area.

USEPA National Pollutant Discharge Elimination System (NPDES)

USEPA National Pollutant Discharge Elimination System (NPDES)

Metadata: <https://etdmpub.fl-a-etat.org/meta/epanpdes.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110010124846	GREYHOUND LINES INC	ICIS-NPDES NON-MAJOR
110010124846	GREYHOUND LINES INC	STORM WATER INDUSTRIAL
110040455851	PRINCETON RETAIL CONTRACTORS B	ICIS-NPDES NON-MAJOR
110040455851	PRINCETON RETAIL CONTRACTORS B	STORM WATER CONSTRUCTION
110064409126	CONTRACTORS BUSINESS PARK	ICIS-NPDES NON-MAJOR
110064409126	CONTRACTORS BUSINESS PARK	STORM WATER CONSTRUCTION
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	ICIS-NPDES NON-MAJOR
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110071069845	WAWA STORE 5100	ICIS-NPDES NON-MAJOR

Summary: 17 feature(s) found within buffer.

FDEP Floridan Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_fas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	64.72	100.0%
Totals	64.72	-

FDEP Intermediate Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_ias_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.6	100.0%
Totals	63.6	-

FNAI CLIP Version 4 Aquifer Recharge

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_recharge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	7.73	12.19%
PRIORITY 4	41.53	65.53%
PRIORITY 5	14.12	22.28%
Totals	63.38	-

SWFWMD Recharge Areas of the Floridan Aquifer

Metadata: <https://etdmpub.fl-a-etat.org/meta/rcharg.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	63.7	100%
Totals	63.7	-

FDEP Mitigation Bank Service Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/mgbank_servarea.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
BLACKWATER CREEK	SJRWMD	4-069-92314-1
BULLFROG BAY	SFWMD	53-00004-M
COLLANY	SFWMD	53-00005-M
FLORIDA	DEP	138562
HATCHINEHA RANCH	SFWMD	53-00003-M
QUICKDRAW	SFWMD	49-00003-M
SHINGLE CREEK	SFWMD	49-01937-M
SOUTHPORT RANCH	SFWMD	49-00002-M
SPLIT OAK FOREST	SFWMD	48-00002-M
TWIN OAKS	SFWMD	49-00007-M
WEKIVA RIVER	DEP	234803-013

Summary: 243.54 acres, 100 percent of analysis area.

Natural Features

Analysis Type	Date Run	Features within AOI
		Count
Geotechnical Data		
Geotechnical Data		
FDEP Environmental Geology ⓘ	10/16/2025	1
FWC Florida Cooperative Land Cover Grid - Version 3.8 ⓘ	10/16/2025	N/A
	10/16/2025	19

Analysis Type		Date Run	Count
NRCS Summary of Specific Soils - SSURGO	i		
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data	i	10/16/2025	4
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data	i	10/16/2025	3
Floodplain, FEMA FIRMs			
Floodplain, FEMA FIRMs			
FEMA DFIRM (SFHA) 100 Year Flood Zones	i	10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain	i	10/16/2025	N/A
FEMA DFIRM 500 Year Floodplain	i	10/16/2025	N/A
FEMA DFIRM Panel Areas	i	10/16/2025	2
FNAI CLIP Version 4 Natural Floodplain	i	10/16/2025	N/A
Existing and Future Land Use Maps			
Existing and Future Land Use Maps			
GEOPLAN Generalized Land Use	i	10/16/2025	29
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	i	10/16/2025	20

FDEP Environmental Geology

Metadata: <https://etdmpub.flas-etat.org/meta/fdepgeo.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
CLAYEY SAND	63.7	100%
Totals	63.7	-

FWC Florida Cooperative Land Cover Grid - Version 3.8

Metadata: https://etdmpub.fl-a-etat.org/meta/clc_v3_8_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1110 - UPLAND HARDWOOD FOREST	0.25	0.39%
1400 - MIXED HARDWOOD-CONIFEROUS	0.67	1.05%
1822 - HIGH INTENSITY URBAN	3.66	5.73%
1840 - TRANSPORTATION	59.16	92.75%
1870 - EXTRACTIVE	0.05	0.08%
Totals	63.78	-

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
Totals	12.05	-

NRCS Prime Farm Land - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Farmland Classification	Area of Interest	
	Acr	Pct
FARMLAND OF UNIQUE IMPORTANCE	4.74	7.45%
Totals	4.74	-

FEMA DFIRM (SFHA) 100 Year Flood Zones

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100_floodzones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
AE	4.42	6.91%
Totals	64	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM 500 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_500.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	59.58	93.09%
500 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM Panel Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_panel.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0235F	2009-09-25 00:00:00
12095C0245F	2009-09-25 00:00:00

Summary: 63.7 acres, 100 percent of analysis area.

FNAI CLIP Version 4 Natural Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_fldpln.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.27	99.82%
PRIORITY 6	0.11	0.18%
Totals	63.38	-

GEOPLAN Generalized Land Use

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_gen.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
INDUSTRIAL	0.72	1.13%
INSTITUTIONAL	0.5	0.78%
PUBLIC/SEMI-PUBLIC	0.08	0.13%
ROW	0.01	0.02%
RESIDENTIAL	0.22	0.34%
RETAIL/OFFICE	1.08	1.69%
VACANT NONRESIDENTIAL	0.09	0.15%
Totals	2.69	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.flu-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

Surface Water / Groundwater

Analysis Type	Date Run	Features within AOI
		Count
Springs		
Springs		
FDEP Springs 	10/16/2025	0
FDEP Springs Priority Focus Areas 	10/16/2025	1
SJRWMD Spring Capture Zones (Springsheds) 	10/16/2025	1
Aquifers		
Aquifers		
FDEP Surficial Aquifer System FAVA II Response Theme 	10/16/2025	N/A
USEPA Sole Source Aquifers 	10/16/2025	0
USGS Principal Aquifers of the State of Florida 	10/16/2025	1
Waterbody Information and Designations		
Waterbody Information and Designations		
	10/16/2025	0

Analysis Type		Date Run	Count
FDEP List of Aquatic Preserves	i		
FDEP Other Outstanding Florida Waters	i	10/16/2025	0
FDEP Strategic Monitoring Plan (SMP) for Waterbodies	i	10/16/2025	0
FDEP Surface Water Classification	i	10/16/2025	0
FDEP Wild and Scenic Rivers	i	10/16/2025	0
FWRI Unified Florida Coral Reef Tracts	i	10/16/2025	0
NPS Nationwide Rivers Inventory in Florida	i	10/16/2025	0
USDOT Potential Navigable Waterways	i	10/16/2025	0
Drainage Systems and Flooding			
Drainage Systems and Flooding			
USACE Major Dams	i	10/16/2025	0
Wetlands			
Wetlands			
FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands	i	10/16/2025	N/A
FNAI CLIP Version 4 Significant Surface Waters	i	10/16/2025	N/A
FNAI CLIP Version 4 Surface Water Resource Priorities	i	10/16/2025	N/A
FNAI CLIP Version 4 Wetlands	i	10/16/2025	N/A
USFWS National Wetlands Inventory Areas	i	10/16/2025	4
WMD Wetlands (FLUCCS Level 3)	i	10/16/2025	3
Contamination			
Contamination			
FDEP Brownfield Location Boundaries	i	10/16/2025	2
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Dry Cleaning Program Sites	i		
FDEP Environmental Restoration Integrated Cleanup (ERIC) Sites	i	10/16/2025	0
FDEP Hazardous Waste Facilities	i	10/16/2025	3
FDEP Institutional Controls Registry Sites	i	10/16/2025	0
FDEP Large Quantity Generators of Hazardous Waste	i	10/16/2025	0
FDEP Off Site Contamination Notices	i	10/16/2025	0
FDEP Petroleum Contamination Monitoring Sites	i	10/16/2025	0
FDEP Solid Waste Facilities	i	10/16/2025	0
FDEP State funded Hazardous Waste Cleanup Sites	i	10/16/2025	0
FDEP Storage Tank Contamination Monitoring (STCM)	i	10/16/2025	0
FDEP Treaters, Storers, and Disposers of Hazardous Waste	i	10/16/2025	0
FDOH Super Act Risk Sources	i	10/16/2025	0
FDOH Super Act Wells	i	10/16/2025	0
FDEP Subsidence Incident Reports for the State of Florida	i	10/16/2025	0
USEPA Superfund Hazardous Waste Sites	i	10/16/2025	0

FDEP Springs Priority Focus Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/springs_prio_fa.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WEKIWA-ROCK	5.21	8.18%
Totals	5.21	-

SJRWMD Spring Capture Zones (Springsheds)

Metadata: https://etdmpub.fl-a-etat.org/meta/sjrwmd_springsheds.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Springshed Name	Area of Interest	
	Acr	Pct
WEKIVA: REFINEMENT	14.71	23.09%
Totals	14.71	-

FDEP Surficial Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_sas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	1.78	2.82%
MORE VULNERABLE	3.78	5.99%
MOST VULNERABLE	57.6	91.2%
Totals	63.16	-

USGS Principal Aquifers of the State of Florida

Metadata: <https://etdmpub.fl-a-etat.org/meta/aquip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	63.7	100%
Totals	63.7	-

FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_private_p1p2.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	100.0%
Totals	63.33	-

FNAI CLIP Version 4 Significant Surface Waters

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_surfwtr.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 6	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Surface Water Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_srfwtrrp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 5	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Wetlands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_wetland.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

USFWS National Wetlands Inventory Areas

Metadata: <https://etdmpub.fl-a-etat.org/meta/nwip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

System and Wetland Type	Area of Interest	
	Acr	Pct
PALUSTRINE (FRESHWATER FORESTED/SHRUB WETLAND)	0.69	1.09%
RIVERINE (RIVERINE)	0.11	0.17%
Totals	0.79	-

WMD Wetlands (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
Totals	0.71	-

FDEP Brownfield Location Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/brownfields_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Area Name	Area of Interest	
	Acr	Pct
ORLANDO-SUNTERRA AREA	0.08	0.13%
DEEDS ORLANDO EXPANDED	22.62	35.51%
Totals	22.7	-

FDEP Hazardous Waste Facilities

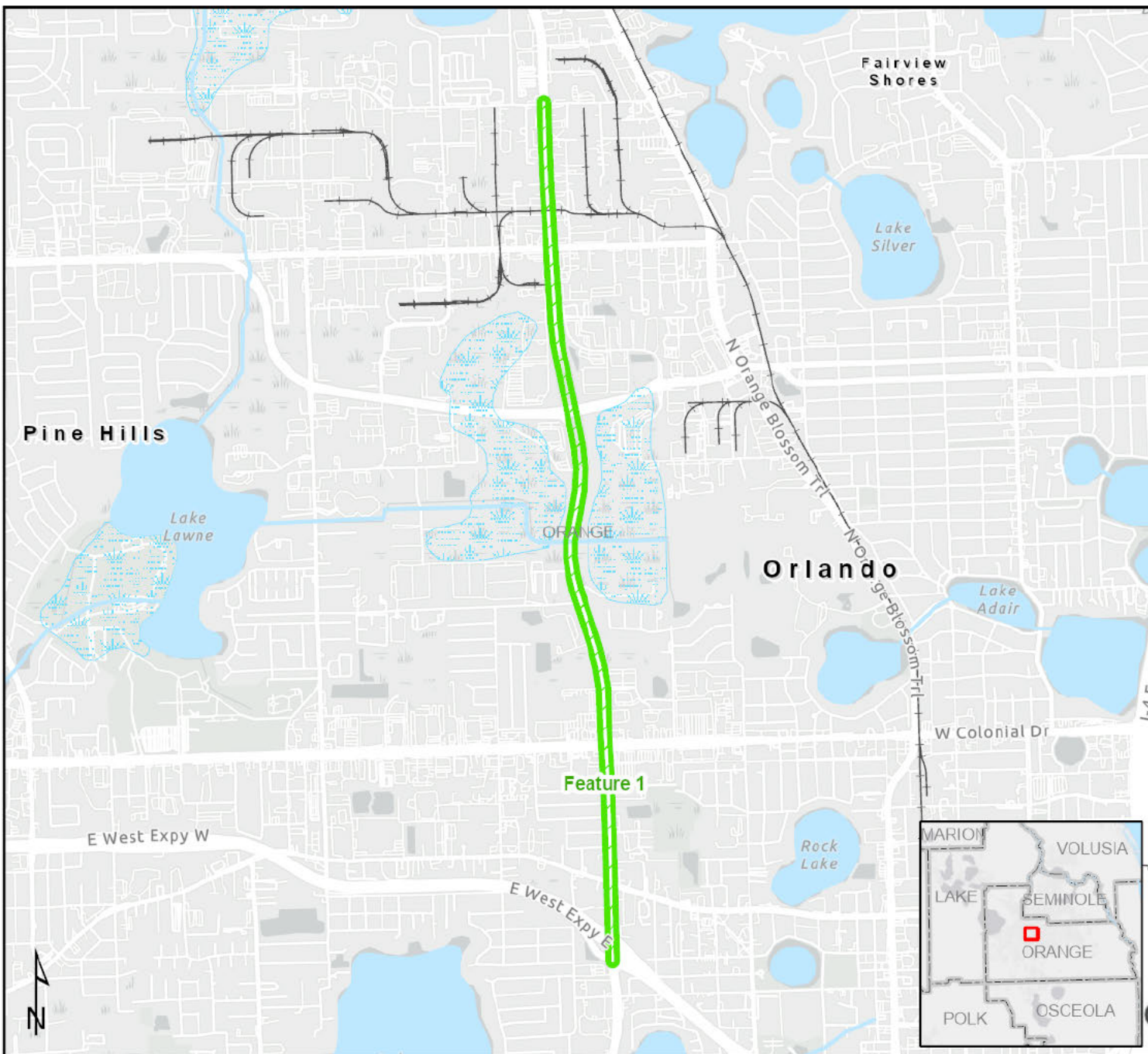
Metadata: <https://etdmpub.fl-a-etat.org/meta/chaz.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

EPA ID	Site ID	Name	Google Map
FLD010504611	60235.0	MCCULLY CONSTRUCTION CO	https://www.google.com/maps/place/17RMM5935259716
FLD982151565	38643.0	AMERICAN SUNROOF OF FLORIDA INC	https://www.google.com/maps/place/17RMM5951157645
FLD984196915	57893.0	MASSEY CADILLAC INC	https://www.google.com/maps/place/17RMM5951257647

Summary: 3 feature(s) found within buffer.



WATERSS Base Map

- Area of Interest
- Railroad
- County Boundaries
- River, Stream or Canal
- Swamp/Marsh

0 1,000 2,000 US Feet

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

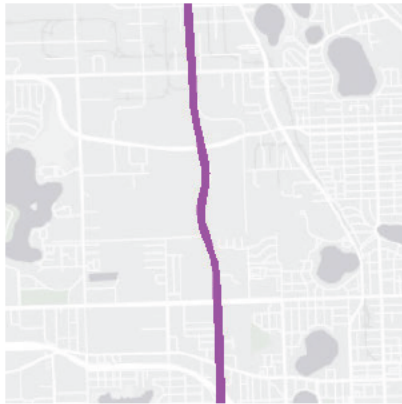
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Wetlands and Surface Waters			
FDEP Cumulative Impact Basins from Water Management Districts	i	10/16/2025	2
FDEP Mitigation Bank Service Areas	i	10/16/2025	11
FDEP Mitigation Banks	i	10/16/2025	0
FDEP Submerged State Land Records (TIITF)	i	10/16/2025	0
FNAI Public Lands in Florida	i	10/16/2025	0
FWRI Mangroves	i	10/16/2025	0
FWRI Saltwater Marshes	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FWRI Seagrass Beds (Showing Continuous/Discontinuous)			
NRCS Hydric Soils (List) - Subset of NRCS Specific Soils Data		10/16/2025	4
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data		10/16/2025	4
NRCS List of Specific Soils - SSURGO		10/16/2025	19
NRCS Summary of Specific Soils - SSURGO		10/16/2025	19
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0
SFWMD North/South Everglades and NEEPP Boundaries		10/16/2025	1
SFWMD Surface Water Projects		10/16/2025	0
SJRWMD Mitigation Banks		10/16/2025	0
SJRWMD Mitigation Basins		10/16/2025	1
USACE Major Dams		10/16/2025	0
USACE Mitigation Bank and In-Lieu Fee Program Sites		10/16/2025	0
USEPA Sole Source Aquifers		10/16/2025	0
USFWS National Wetlands Inventory Areas		10/16/2025	4
USGS Township Range Section		10/16/2025	4
WMD Water Management District Boundaries		10/16/2025	2
WMD Wetlands (FLUCCS Level 3)		10/16/2025	3

FDEP Cumulative Impact Basins from Water Management Districts

Metadata: https://etdmpub.fl-a-etat.org/meta/wmd_ci_basins.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Water Management District (Cumulative Impact Basin Name)	Area of Interest	
	Acr	Pct
SFWMD (SHINGLE CREEK)	16.21	25.45%
SJRWMD (WEKIVA RIVER NESTED)	47.49	74.55%
Totals	63.71	-

FDEP Mitigation Bank Service Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/mgbank_servarea.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
BLACKWATER CREEK	SJRWMD	4-069-92314-1
BULLFROG BAY	SFWMD	53-00004-M
COLLANY	SFWMD	53-00005-M
FLORIDA	DEP	138562
HATCHINEHA RANCH	SFWMD	53-00003-M
QUICKDRAW	SFWMD	49-00003-M
SHINGLE CREEK	SFWMD	49-01937-M
SOUTHPORT RANCH	SFWMD	49-00002-M
SPLIT OAK FOREST	SFWMD	48-00002-M
TWIN OAKS	SFWMD	49-00007-M
WEKIVA RIVER	DEP	234803-013

Summary: 243.54 acres, 100 percent of analysis area.

NRCS Hydric Soils (List) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Soil Drainage Class	Mapunit Kind	Hydrologic Group
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	POORLY DRAINED	CONSOCIATION	A/D
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	VERY POORLY DRAINED	ASSOCIATION	A/D

Summary: 12.05 acres, 18.9 percent of analysis area.

NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
Totals	12.05	-

NRCS List of Specific Soils - SSURGO

NRCS List of Specific Soils characteristics

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
3102925	SMYRNA	45	SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	14670	NO	POORLY DRAINED	COMPLEX
323139	ONA	85	ONA FINE SAND, 0 TO 2 PERCENT SLOPES	5187	NO	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323151	ST. JOHNS	60	ST. JOHNS FINE SAND	26739	NO	POORLY DRAINED	CONSOCIATION
323156	SAMSULA	47	SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL	30158	YES	VERY POORLY DRAINED	ASSOCIATION
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323159	SMYRNA	76	SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES	145161	NO	POORLY DRAINED	COMPLEX
323166	URBAN LAND	85	URBAN LAND, 0 TO 2 PERCENT	10864	UNRANKED	None	CONSOCIATION

Mapunit Key	Component Name	Component Percent	Mapunit Name	Mapunit acres	Hydric Soil Rating	Soil Drainage Class	Mapunit Kind
323166	URBAN LAND	85	SLOPES URBAN LAND, 0 TO 2 PERCENT SLOPES	10864	UNRANKED	None	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323167	WABASSO	85	WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES	2286	NO	POORLY DRAINED	CONSOCIATION
323168	WABASSO	57	WABASSO-URBAN LAND COMPLEX	3514	NO	POORLY DRAINED	COMPLEX
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION
323170	ZOLFO	85	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	14080	NO	SOMEWHAT POORLY DRAINED	CONSOCIATION

Summary: 63.7 acres, 100 percent of analysis area.

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

SFWMD North/South Everglades and NEEPP Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/neepp_bnd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name (Type)	Area of Interest	
	Acr	Pct
SHINGLE CREEK [NEEPP LO DRAINAGE BASIN] / UPPER KISSIMMEE SUBWATERSHED (S-65) [LOPP DRAINAGE BASIN]	15.98	25.09%
Totals	15.98	-

SJRWMD Mitigation Basins

Metadata: https://etdmpub.fl-a-etat.org/meta/mitigation_basin_sjrwmd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
WEKIVA RIVER NESTED	47.49	74.55%
Totals	47.49	-

USFWS National Wetlands Inventory Areas

Metadata: <https://etdmpub.fl-a-etat.org/meta/nwip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

System and Wetland Type	Area of Interest	
	Acr	Pct
PALUSTRINE (FRESHWATER FORESTED/SHRUB WETLAND)	0.69	1.09%
RIVERINE (RIVERINE)	0.11	0.17%
Totals	0.79	-

USGS Township Range Section
USGS Public Land Surveys, Township Range Section

Metadata: https://etdmpub.fl.../meta/plss.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Table with 1 column: Township, Range, Section. Rows include 22S29E09, 22S29E16, 22S29E21, 22S29E28.

Summary: 63.7 acres, 100 percent of analysis area.

WMD Water Management District Boundaries

Metadata: https://etdmpub.fl.../meta/wmdbnd.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Table with 1 column: Description. Rows include SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT, SOUTH FLORIDA WATER MANAGEMENT DISTRICT.

Summary: 63.7 acres, 100 percent of analysis area.

WMD Wetlands (FLUCCS Level 3)

Metadata: https://etdmpub.fl.../meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

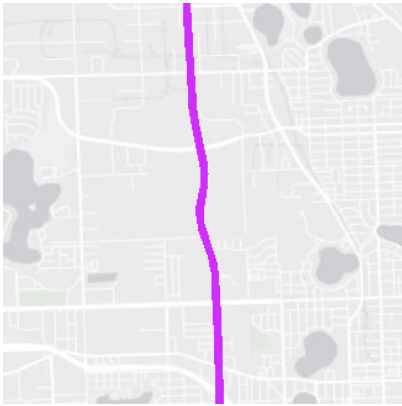
Footprint analyzed

Table with 3 columns: Land Use Classification, Area of Interest (Acr), Pct. Rows include 6210: CYPRESS, 6300: WETLAND FORESTED MIXED, and Totals.

MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Overview

Determining the suitability and location of a wildlife crossing depends on a multitude of factors. It can be confusing to decide where to start and what the most relevant factors are in determining suitability. To address this, FDOT's Office of Environmental Management (OEM) has developed a tiered report system to help navigate through the applicable EST GIS layers. Applicable data layers have been divided into four key tiers of data that are arranged from the highest, most relevant decision making factors (Tier 1) to the lowest (Tier 4). Although each tier is important some factors provide more relevant guidance than others when reviewed in their entirety. Information is provided below on each of the tiers. If you require additional guidance, please review FDOT's Wildlife Crossing Guidelines or contact OEM for additional information.

Tier 1, Wildlife Connectivity Property Boundaries/Ownership & FL Ecological Greenway Network Rating

Tier 2, Wildlife-Vehicle Collision/Hotspots Wildlife-Vehicle Incidents & Patterns

Tier 3, Habitat, Wetlands, and Species Occurrence Habitat & Species Presence

Tier 4, Crossing Opportunities and Conflicts Partnerships (multi-use crossings) & Conflicts (utilities)

For more information, see [FDOT's Wildlife Crossing Guidelines](#)

Wildlife Connectivity: Tier 1

Property Boundaries and Ownership influence the suitability and sustainability of crossings. One key factor is that land on either side of the proposed crossing site must be protected from development to ensure that the crossing will continue to serve as long-term wildlife passage. For example, if the land adjacent is private land that is not protected (e.g., conservation easement or public ownership), it could be developed in the future and the wildlife crossing would then funnel animals into an urban development instead of suitable habitat. The crossing structure location should be selected to connect two fragmented natural habitats, under conservation in perpetuity, to be considered a viable infrastructure investment.

Consider the following - Does the project cross through properties that are in federal, state, or local ownership for the purpose of conservation or recreation? Are there conserved lands present in sufficient acreages on both sides of the proposed crossing location? Will the crossing work to connect two fragmented habitats or provide a corridor linkage to connect to large conservation properties? If not presently conserved, is land proposed to be purchased or to be placed under a protective easement? Are there partnerships opportunities with adjacent property owners (e.g., military bases, land trusts, privately owned lands with conservation easements, working agriculture lands including ranches, forestry operations, and groves)?

Florida Ecological Greenway Network is a layer that identifies conserved lands and opportunity areas defined by the Florida Department of Environmental Protection (FDEP) as 1 = Priority 1 (highest priority); 2 = Priority 2; 3 = Priority 3; 4 = Priority 4; 5 = Priority 5 (lowest priority). This layer is used to inform the Florida Forever program and other state and regional land acquisition programs regarding the location of the most important wildlife and ecological corridors and large, intact landscapes in the state. The FEGN identifies areas of opportunity for protecting a statewide network of ecological hubs (large areas of ecological significance) and linkages designed to maintain large landscape-scale ecological functions including priority species habitat and ecosystem services throughout the state. Use this layer to identify where your project falls within the States FEGN priorities.

For the map of Tier 1 layers, see [Tier 1](#)

Analysis Type		Date Run	Features within AOI Count
Florida's Wildlife and Protected Species			
The Florida Wildlife Corridor comprises nearly 18 million acres of contiguous wilderness and working lands crucial to wildlife connectivity and survival.			
FDOT Wildlife Crossings	i	10/16/2025	0
GEOPLAN Florida Wildlife Corridor Opportunities	i	10/16/2025	0
UFCLCP Florida Ecological Greenways Network	i	10/16/2025	N/A
UFCLCP Wildlife Corridors in Florida	i	10/16/2025	0
Federal, State, and Local Public Ownership			

Analysis Type		Date Run	Count
These layers represent lands that are in public ownership.			
FDACS State Forests	i	10/16/2025	0
FDEP List of Aquatic Preserves	i	10/16/2025	0
FDEP Florida State Parks	i	10/16/2025	0
FNAI Florida Forever Acquisitions	i	10/16/2025	0
FNAI Florida Forever BOT Projects	i	10/16/2025	0
FNAI Florida Managed Areas	i	10/16/2025	0
FNAI Impact on Prescribed Burning	i	10/16/2025	0
FNAI Public Lands in Florida	i	10/16/2025	0
FNAI State Managed Conservation Lands	i	10/16/2025	0
FWC Management Areas	i	10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities	i	10/16/2025	0
NPS National Parks and Seashores	i	10/16/2025	0
USFWS National Wildlife Refuges	i	10/16/2025	0
WMD Water Management District Owned Lands	i	10/16/2025	0

UFCLCP Florida Ecological Greenways Network

Metadata: <https://etdmpub.flas-etat.org/meta/feqn.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	64.27	100.0%
Totals	64.27	-

Wildlife-Vehicle Collisions/Hotspots - Tier 2

Wildlife-vehicle Collisions (WVCs) are areas with a high concentration of collisions with animals that have been identified using roadkill location data and statistical analysis of reported collision data, and are influence by factors like landscape features (e.g., water sources), road characteristics (e.g., traffic volume), and wildlife behavior (e.g., habitat use or seasonal patterns).

Creating wildlife crossings to allow animals to move safely between habitats is one method to mitigate WVCs, others could include fencing, speed reduction, warning signs, and restoring habitat connectivity.

Consider the following - Does wildlife traversing the roadway in a particular location create a potential hazard to motorists and/or wildlife? Have a high number of collisions occurred within that area? Are there documented WVCs with species determined by the USFWS/FWC to have a high conservation value for protection (examples Florida panther, bear, Key deer, or other protected species)?

For the map of Tier 2 layers, see [Tier 2](#)

Analysis Type		Date Run	Features within AOI Count
Wildlife-Vehicle Collisions			
These are specific locations along roadways where there's a statistically significant number of incidents involving animals and vehicles.			
FDOT Crossing Opportunities at Large Animal Hotspots	i	10/16/2025	0
FDOT Florida Panther Vehicle Collision (PVC) Hot Spots	i	10/16/2025	0
FDOT Large Animal Vehicle Collisions Hot Spots	i	10/16/2025	0
FDOT Probable Small Animal Upland Hot Spots (Coarse scale)	i	10/16/2025	0
FDOT Probable Small Animal Upland Hot Spots (Fine scale)	i	10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Coarse scale)	i	10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Fine scale)	i	10/16/2025	0
FWC Bear Crossing Sign Locations	i	10/16/2025	0
FWC Bear Fencing Opportunities	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FWC Black Bear Road Mortality			
FWC Florida Panther Mortality		10/16/2025	0
UCFSPICE Florida Panther Least-Cost Corridor within South-Central Florida		10/16/2025	0
UCFSPICE Florida Panther Least-Cost Path within South-Central Florida		10/16/2025	0
USFWS Panther Consultation Area		10/16/2025	0
USFWS Wildlife Permeability Along Interstate 4 (PRIT)		10/16/2025	0

Habitat, Wetlands, and Species Occurrence - Tier 3

Habitat is one of the key elements to identify whether a crossing is suitable. Crossings can reconnect habitats, improving ecologies on both sides and create resiliency. Habitat connectivity is the degree to which the landscape facilitates or impedes animal movement and other ecological processes.

Wetland habitats and water corridors attract wildlife and are considered "biological supermarkets". They provide ecological services (e.g., breeding, feeding, protection) and thus increase the likelihood of wildlife-vehicle collisions where wetlands or water is present. For smaller species like reptiles and amphibians crossings can have significant benefits when placed near wetlands. In some cases, new or retrofitted crossings can also be used to improve the hydrological connection which may have been severed when the road was constructed. In these instances, there may be opportunities to receive mitigation credits for functional improvements to wetlands if discussed with agencies (FDEP/WMD/USACE) in advance.

Species Occurrence data present evidence of the occurrence of a species at a particular place and typically on a specified date. These datasets contribute to mapping the historical or current distribution of a species. The data can be used to identify the presence of protected species and suitability of a crossing.

Consider the following - Are there species present that are of a high conservation value as determined by the USFWS/FWC (e.g., protected species like Florida panther, black bear, Key Deer)? Could a bridge/culvert structure be retrofitted or created to facilitate passage for terrestrial or aquatic species and/ or improve hydrological connectivity in the region? Does a review of the project area identify species occurrence data that could demonstrate potential need, inform design, and highlight crossing support items such as fencing.

For the map of Tier 3 layers, see [Tier 3](#)

Analysis Type	Date Run	Features within AOI Count
Habitat - Land Use and Land Cover		

Analysis Type		Date Run	Count
These layers represent current land use and land cover.			
WMD FL Land Use and Land Cover (FLUCCS Level 3)	i	10/16/2025	22
Future Development			
These layers represent potential future land uses.			
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	i	10/16/2025	20
Water / Wetlands (Hydrology)			
Layers associated with Wetlands and hydrology.			
FEMA DFIRM 100 Year Floodplain	i	10/16/2025	N/A
Critical Lands And Waters Identification Project (CLIP)			
CLIP is a GIS database of statewide conservation priorities for a broad range of natural resources, including biodiversity, landscape function, surface water, groundwater, and marine resources.			
FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands	i	10/16/2025	N/A
Species Occurrence Data			
Layers associated with species occurrence, range and consultation areas.			
FWC Black Bear Range	i	10/16/2025	1
FWC State Imperiled Species in Florida	i	10/16/2025	10
USFWS Critical Habitat (Designated Species)	i	10/16/2025	0

WMD FL Land Use and Land Cover (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
1400: COMMERCIAL AND SERVICES	4.23	6.64%
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
1700: INSTITUTIONAL	0.26	0.41%
8320: ELECTRICAL POWER TRANSMISSION LINES	0.13	0.2%
4340: HARDWOOD - CONIFEROUS MIXED	0.82	1.29%
1410: RETAIL SALES AND SERVICES	0.3	0.47%
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
8140: ROADS AND HIGHWAYS	56.7	89.02%
Totals	63.7	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.fl-a-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_private_p1p2.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	100.0%
Totals	63.33	-

FWC Black Bear Range

Metadata: https://etdmpub.fl-a-etat.org/meta/bear_range.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 63.7 acres, 100 percent of analysis area.

FWC State Imperiled Species in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/state_imperiled_species.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	63.7	100%
ROSEATE SPOONBILL (THREATENED)	63.7	100%
TRICOLORED HERON (THREATENED)	63.7	100%
BLUENOSE SHINER (THREATENED)	48.22	75.7%
BURROWING OWL (THREATENED)	63.7	100%
FLORIDA PINE SNAKE (THREATENED)	63.7	100%
FLORIDA SANDHILL CRANE (THREATENED)	63.7	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	63.7	100%
SHORT-TAILED SNAKE (THREATENED)	63.7	100%
GOPHER TORTOISE (THREATENED)	63.7	100%
Totals	621.54	-

Crossing Opportunities and Conflicts - Tier 4

Mutual Benefits - Crossings can provide mutual benefits when paired with greenways, recreational/hiking trails, and equestrian paths, blueways (e.g., kayak/canoe trails), agricultural crossings (e.g., cattle, tractors, and farm equipment), and multiuse trails.

Existing Structure Retrofitting - Existing bridges and culverts can be considered for enhancement or replacement for crossings. They can come in many shapes, sizes, and materials and may be tied to waterways, which serve as important passages for both terrestrial and aquatic species. Retrofitting can be an opportunity to create a crossing without high costs or significant construction activities, and in some cases can be done in short timeframes.

Conflicts - Utilities such as electric, fiber optic or gas transmittal lines often occur within or adjacent to FDOT ROW. Canals and rail lines can be found following along FDOT's ROW. Although not unsurmountable, these additional land uses should be factored in when considering crossings locations.

For the map of Tier 4 layers, see [Tier 4](#)

Analysis Type	Date Run	Features within AOI
		Count
Trails (Multi-Use Opportunities)		
Various trails layers.		

Analysis Type		Date Run	Count
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida	i	10/16/2025	0
OGT Existing Recreational Trails	i	10/16/2025	0
OGT Hiking Trails Priorities	i	10/16/2025	0
OGT Multi-Use Trails Opportunities	i	10/16/2025	0
OGT Paddling Trails Opportunities	i	10/16/2025	0
USFS Florida National Scenic Trail	i	10/16/2025	0
Structures			
Bridges, dams and other related structures.			
BTS National Bridge Inventory	i	10/16/2025	1
USACE Major Dams	i	10/16/2025	0
Utilities			
Layers associated with utility infrastructure.			
ORNL Electric Power Transmission Lines	i	10/16/2025	1
USEIA Natural Gas Pipelines	i	10/16/2025	0

BTS National Bridge Inventory

Metadata: https://etdmpub.fl-a-etat.org/meta/bts_bridge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Google Map
JOHN YOUNG PKWY [SR-408 - SR-408 - JOHN YOUNG PKWY]	https://www.google.com/maps/place/17RMM5952357371

Summary: 1 feature(s) found within buffer.

ORNL Electric Power Transmission Lines

Metadata: <https://etdmpub.flas-etat.org/meta/powerlines.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Owner
POWER TRANSMISSION LINE (VOLTAGE: 100-161)	NOT AVAILABLE

Summary: 178.59 linear feet within buffer.



A.3 Cultural Resources Data Report



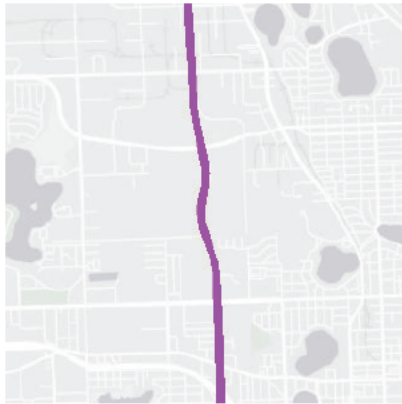
MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:
Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/15/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Analysis Type		Date Run	Features within AOI
			Count
Cultural Resources Data Report			
BAR Florida Site File Archaeological or Historic Sites	i	10/16/2025	0
BAR Florida Site File Areas with No Field Survey Project Boundary Present	i	10/16/2025	1
BAR Florida Site File Cemeteries	i	10/16/2025	0
BAR Florida Site File Field Survey Project Boundaries	i	10/16/2025	6
BAR Florida Site File Historic Bridges	i	10/16/2025	0
BAR Florida Site File Historic Standing Structures	i	10/16/2025	0
BAR Florida Site File Resource Groups	i	10/16/2025	2
		10/16/2025	0

Analysis Type		Date Run	Count
BAR National Register of Historic Places	i		
GEOPLAN List Year Built (housing stock aged 40 - 44 years)	i	10/16/2025	4
GEOPLAN List Year Built (housing stock aged 45 - 49 years)	i	10/16/2025	1
GEOPLAN Local Florida Parks and Recreational Facility Boundaries	i	10/16/2025	0
GEOPLAN Summary - Year Built (Post 1970)	i	10/16/2025	17
GEOPLAN Summary - Year Built (Pre 1970)	i	10/16/2025	13
GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)	i	10/16/2025	4
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)	i	10/16/2025	1

BAR Florida Site File Areas with No Field Survey Project Boundary Present

Metadata: https://etdmpub.flas-etat.org/meta/shpo_no_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
NO FIELD SURVEY PRESENT	12.29	19.29%
Totals	12.29	-

BAR Florida Site File Field Survey Project Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_surveys.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE EXISTING JOHN YOUNG CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10430.0
CULTURAL RESOURCE ASSESSMENT SURVEY FOR THE RAILROAD CROSSING IMPROVEMENTS AT SILVER METEOR DRIVE AND HANSROB ROAD, ORANGE COUNTY, FLORIDA	2022	28311.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF THE JOHN YOUNG PARKWAY EXTENSION, ORANGE COUNTY, FLORIDA	1999	5674.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED MULTILANING OF SR 423/JOHN YOUNG PARKWAY FROM CHURCH STREET TO TECHNOLOGY DRIVE IN ORANGE COUNTY	1989	1986.0
REVISED TECHNICAL MEMORANDUM NO. 5 CULTURAL RESOURCES EFFECTS EVALUATION FOR THE CITY OF ORLANDO SIDEWALKS PROJECT WORK ZONES 2, 3, 4, 5, 6, 7, 10, 18, AND 21, ORANGE COUNTY, FLORIDA	2013	19585.0

Summary: 84.38 acres, 100 percent of analysis area.

BAR Florida Site File Resource Groups

Metadata: https://etdmpub.fl-a-etat.org/meta/shpo_res_groups.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Site ID	Site Name	Resource Group Type	Time Period of Significance	Time Period of Significance	SHPO Evaluation
OR11815	SEABOARD COAST LINE RAILROAD SPUR	LINEAR RESOURCE			INSUFFICIENT INFORMATION
OR11820	2534 HANSROB ROAD RESOURCE GROUP	FMSF BUILDING COMPLEX			INELIGIBLE FOR NRHP

Summary: 0.33 acres, 0.5 percent of analysis area.

GEOPLAN List Year Built (housing stock aged 40 - 44 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Acres	Google Map
1979	63.7	https://www.google.com/maps/place/17RMM5947557569
1980	63.7	https://www.google.com/maps/place/17RMM5959658672
1980	63.7	https://www.google.com/maps/place/17RMM5961657429
1982	63.7	https://www.google.com/maps/place/17RMM5948657718

Summary: 0.35 acres, 0.6 percent of analysis area.

GEOPLAN List Year Built (housing stock aged 45 - 49 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Acres	Google Map
1976	63.7	https://www.google.com/maps/place/17RMM5941657247

Summary: 0.0 acres, 0.0 percent of analysis area.

GEOPLAN Summary - Year Built (Post 1970)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_decades.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1970 - 1979	0.24	0.38%
1980 - 1989	0.61	0.95%
1990 - 1999	0.11	0.17%
2000 - 2009	0.53	0.84%
2010 - 2019	0.05	0.08%
2020 - 2029	0.01	0.02%
Totals	1.56	-

GEOPLAN Summary - Year Built (Pre 1970)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_decades.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1940 - 1949	0.01	0.02%
1950 - 1959	0.19	0.3%
1960 - 1969	0.88	1.39%
Totals	1.07	-

GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Area of Interest	
	Acr	Pct
1982	0.01	0.02%
1979	0.17	0.27%
1980	0.17	0.27%
Totals	0.35	-

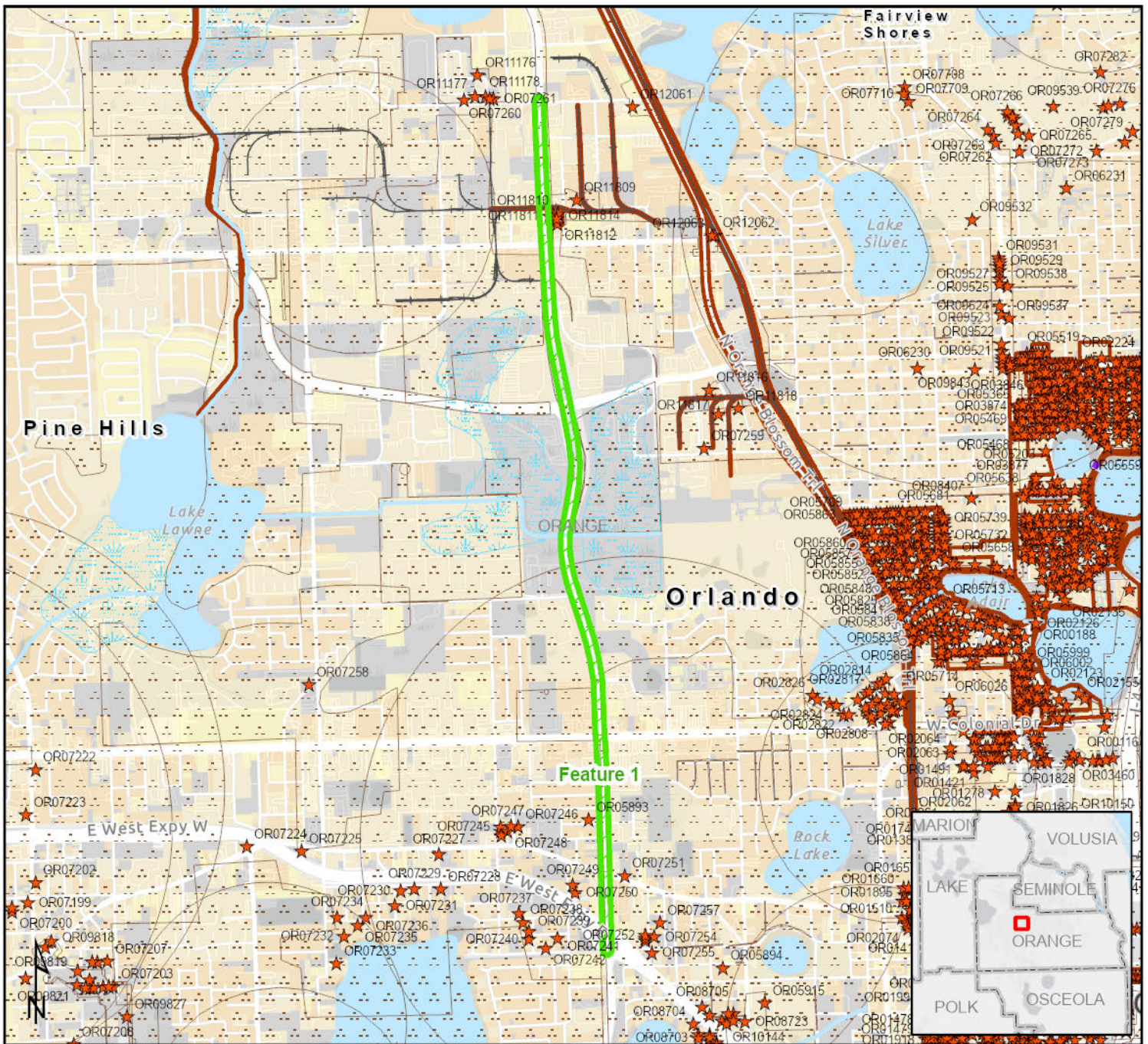
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)

Metadata: https://etdmpub.fl-a-etat.org/meta/yb_cra_40_45.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Year Built	Area of Interest	
	Acr	Pct
1976	0	0.0%
Totals	0	-



Cultural Resource Map

- Area of Interest
- ★ Historic Structure
- Historic Bridge
- Railroad
- County Boundaries
- River, Stream or Canal
- Historic Resource Group
- Cultural Resource Field Survey Area
- Swamp/Marsh
- Parcels (Forty to Forty-nine years old)
- Pre & Post 1970
- Pre 1970
- Post 1970
- Parcels with no values

0 1,000 2,000 US Feet



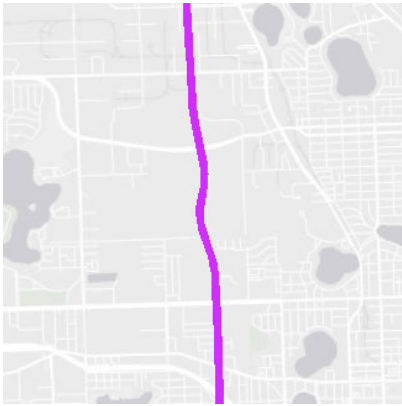
A.4 Wildlife Crossings Potential Report



MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Overview

Determining the suitability and location of a wildlife crossing depends on a multitude of factors. It can be confusing to decide where to start and what the most relevant factors are in determining suitability. To address this, FDOT's Office of Environmental Management (OEM) has developed a tiered report system to help navigate through the applicable EST GIS layers. Applicable data layers have been divided into four key tiers of data that are arranged from the highest, most relevant decision making factors (Tier 1) to the lowest (Tier 4). Although each tier is important some factors provide more relevant guidance than others when reviewed in their entirety. Information is provided below on each of the tiers. If you require additional guidance, please review FDOT's Wildlife Crossing Guidelines or contact OEM for additional information.

Tier 1, Wildlife Connectivity Property Boundaries/Ownership & FL Ecological Greenway Network Rating

Tier 2, Wildlife-Vehicle Collision/Hotspots Wildlife-Vehicle Incidents & Patterns

Tier 3, Habitat, Wetlands, and Species Occurrence Habitat & Species Presence

Tier 4, Crossing Opportunities and Conflicts Partnerships (multi-use crossings) & Conflicts (utilities)

For more information, see [FDOT's Wildlife Crossing Guidelines](#)

Wildlife Connectivity: Tier 1

Property Boundaries and Ownership influence the suitability and sustainability of crossings. One key factor is that land on either side of the proposed crossing site must be protected from development to ensure that the crossing will continue to serve as long-term wildlife passage. For example, if the land adjacent is private land that is not protected (e.g., conservation easement or public ownership), it could be developed in the future and the wildlife crossing would then funnel animals into an urban development instead of suitable habitat. The crossing structure location should be selected to connect two fragmented natural habitats, under conservation in perpetuity, to be considered a viable infrastructure investment.

Consider the following - Does the project cross through properties that are in federal, state, or local ownership for the purpose of conservation or recreation? Are there conserved lands present in sufficient acreages on both sides of the proposed crossing location? Will the crossing work to connect two fragmented habitats or provide a corridor linkage to connect to large conservation properties? If not presently conserved, is land proposed to be purchased or to be placed under a protective easement? Are there partnerships opportunities with adjacent property owners (e.g., military bases, land trusts, privately owned lands with conservation easements, working agriculture lands including ranches, forestry operations, and groves)?

Florida Ecological Greenway Network is a layer that identifies conserved lands and opportunity areas defined by the Florida Department of Environmental Protection (FDEP) as 1 = Priority 1 (highest priority); 2 = Priority 2; 3 = Priority 3; 4 = Priority 4; 5 = Priority 5 (lowest priority). This layer is used to inform the Florida Forever program and other state and regional land acquisition programs regarding the location of the most important wildlife and ecological corridors and large, intact landscapes in the state. The FEGN identifies areas of opportunity for protecting a statewide network of ecological hubs (large areas of ecological significance) and linkages designed to maintain large landscape-scale ecological functions including priority species habitat and ecosystem services throughout the state. Use this layer to identify where your project falls within the States FEGN priorities.

For the map of Tier 1 layers, see [Tier 1](#)

Analysis Type		Date Run	Features within AOI Count
Florida's Wildlife and Protected Species			
The Florida Wildlife Corridor comprises nearly 18 million acres of contiguous wilderness and working lands crucial to wildlife connectivity and survival.			
FDOT Wildlife Crossings	i	10/16/2025	0
GEOPLAN Florida Wildlife Corridor Opportunities	i	10/16/2025	0
UFCLCP Florida Ecological Greenways Network	i	10/16/2025	N/A
UFCLCP Wildlife Corridors in Florida	i	10/16/2025	0
Federal, State, and Local Public Ownership			

Analysis Type		Date Run	Count
These layers represent lands that are in public ownership.			
FDACS State Forests	i	10/16/2025	0
FDEP List of Aquatic Preserves	i	10/16/2025	0
FDEP Florida State Parks	i	10/16/2025	0
FNAI Florida Forever Acquisitions	i	10/16/2025	0
FNAI Florida Forever BOT Projects	i	10/16/2025	0
FNAI Florida Managed Areas	i	10/16/2025	0
FNAI Impact on Prescribed Burning	i	10/16/2025	0
FNAI Public Lands in Florida	i	10/16/2025	0
FNAI State Managed Conservation Lands	i	10/16/2025	0
FWC Management Areas	i	10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities	i	10/16/2025	0
NPS National Parks and Seashores	i	10/16/2025	0
USFWS National Wildlife Refuges	i	10/16/2025	0
WMD Water Management District Owned Lands	i	10/16/2025	0

UFCLCP Florida Ecological Greenways Network

Metadata: <https://etdmpub.flas-etat.org/meta/feqn.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	64.27	100.0%
Totals	64.27	-

Wildlife-Vehicle Collisions/Hotspots - Tier 2

Wildlife-vehicle Collisions (WVCs) are areas with a high concentration of collisions with animals that have been identified using roadkill location data and statistical analysis of reported collision data, and are influenced by factors like landscape features (e.g., water sources), road characteristics (e.g., traffic volume), and wildlife behavior (e.g., habitat use or seasonal patterns).

Creating wildlife crossings to allow animals to move safely between habitats is one method to mitigate WVCs, others could include fencing, speed reduction, warning signs, and restoring habitat connectivity.

Consider the following - Does wildlife traversing the roadway in a particular location create a potential hazard to motorists and/or wildlife? Have a high number of collisions occurred within that area? Are there documented WVCs with species determined by the USFWS/FWC to have a high conservation value for protection (examples Florida panther, bear, Key deer, or other protected species)?

For the map of Tier 2 layers, see [Tier 2](#)

Analysis Type		Date Run	Features within AOI Count
Wildlife-Vehicle Collisions			
These are specific locations along roadways where there's a statistically significant number of incidents involving animals and vehicles.			
FDOT Crossing Opportunities at Large Animal Hotspots	i	10/16/2025	0
FDOT Florida Panther Vehicle Collision (PVC) Hot Spots	i	10/16/2025	0
FDOT Large Animal Vehicle Collisions Hot Spots	i	10/16/2025	0
FDOT Probable Small Animal Upland Hot Spots (Coarse scale)	i	10/16/2025	0
FDOT Probable Small Animal Upland Hot Spots (Fine scale)	i	10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Coarse scale)	i	10/16/2025	0
FDOT Probable Small Animal Wetland Hot Spots (Fine scale)	i	10/16/2025	0
FWC Bear Crossing Sign Locations	i	10/16/2025	0
FWC Bear Fencing Opportunities	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FWC Black Bear Road Mortality	i		
FWC Florida Panther Mortality	i	10/16/2025	0
UCFSPICE Florida Panther Least-Cost Corridor within South-Central Florida	i	10/16/2025	0
UCFSPICE Florida Panther Least-Cost Path within South-Central Florida	i	10/16/2025	0
USFWS Panther Consultation Area	i	10/16/2025	0
USFWS Wildlife Permeability Along Interstate 4 (PRIT)	i	10/16/2025	0

Habitat, Wetlands, and Species Occurrence - Tier 3

Habitat is one of the key elements to identify whether a crossing is suitable. Crossings can reconnect habitats, improving ecologies on both sides and create resiliency. Habitat connectivity is the degree to which the landscape facilitates or impedes animal movement and other ecological processes.

Wetland habitats and water corridors attract wildlife and are considered "biological supermarkets". They provide ecological services (e.g., breeding, feeding, protection) and thus increase the likelihood of wildlife-vehicle collisions where wetlands or water is present. For smaller species like reptiles and amphibians crossings can have significant benefits when placed near wetlands. In some cases, new or retrofitted crossings can also be used to improve the hydrological connection which may have been severed when the road was constructed. In these instances, there may be opportunities to receive mitigation credits for functional improvements to wetlands if discussed with agencies (FDEP/WMD/USACE) in advance.

Species Occurrence data present evidence of the occurrence of a species at a particular place and typically on a specified date. These datasets contribute to mapping the historical or current distribution of a species. The data can be used to identify the presence of protected species and suitability of a crossing.

Consider the following - Are there species present that are of a high conservation value as determined by the USFWS/FWC (e.g., protected species like Florida panther, black bear, Key Deer)? Could a bridge/culvert structure be retrofitted or created to facilitate passage for terrestrial or aquatic species and/ or improve hydrological connectivity in the region? Does a review of the project area identify species occurrence data that could demonstrate potential need, inform design, and highlight crossing support items such as fencing.

For the map of Tier 3 layers, see [Tier 3](#)

Analysis Type	Date Run	Features within AOI Count
Habitat - Land Use and Land Cover		

Analysis Type		Date Run	Count
These layers represent current land use and land cover.			
WMD FL Land Use and Land Cover (FLUCCS Level 3)	i	10/16/2025	22
Future Development			
These layers represent potential future land uses.			
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	i	10/16/2025	20
Water / Wetlands (Hydrology)			
Layers associated with Wetlands and hydrology.			
FEMA DFIRM 100 Year Floodplain	i	10/16/2025	N/A
Critical Lands And Waters Identification Project (CLIP)			
CLIP is a GIS database of statewide conservation priorities for a broad range of natural resources, including biodiversity, landscape function, surface water, groundwater, and marine resources.			
FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands	i	10/16/2025	N/A
Species Occurrence Data			
Layers associated with species occurrence, range and consultation areas.			
FWC Black Bear Range	i	10/16/2025	1
FWC State Imperiled Species in Florida	i	10/16/2025	10
USFWS Critical Habitat (Designated Species)	i	10/16/2025	0

WMD FL Land Use and Land Cover (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1550: OTHER LIGHT INDUSTRIAL	0.21	0.33%
1510: FOOD PROCESSING	0.2	0.31%
1400: COMMERCIAL AND SERVICES	4.23	6.64%
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
1700: INSTITUTIONAL	0.26	0.41%
8320: ELECTRICAL POWER TRANSMISSION LINES	0.13	0.2%
4340: HARDWOOD - CONIFEROUS MIXED	0.82	1.29%
1410: RETAIL SALES AND SERVICES	0.3	0.47%
1210: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)	0.15	0.24%
8140: ROADS AND HIGHWAYS	56.7	89.02%
Totals	63.7	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.fl-a-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_private_p1p2.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	100.0%
Totals	63.33	-

FWC Black Bear Range

Metadata: https://etdmpub.fl-a-etat.org/meta/bear_range.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 63.7 acres, 100 percent of analysis area.

FWC State Imperiled Species in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/state_imperiled_species.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	63.7	100%
ROSEATE SPOONBILL (THREATENED)	63.7	100%
TRICOLORED HERON (THREATENED)	63.7	100%
BLUENOSE SHINER (THREATENED)	48.22	75.7%
BURROWING OWL (THREATENED)	63.7	100%
FLORIDA PINE SNAKE (THREATENED)	63.7	100%
FLORIDA SANDHILL CRANE (THREATENED)	63.7	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	63.7	100%
SHORT-TAILED SNAKE (THREATENED)	63.7	100%
GOPHER TORTOISE (THREATENED)	63.7	100%
Totals	621.54	-

Crossing Opportunities and Conflicts - Tier 4

Mutual Benefits - Crossings can provide mutual benefits when paired with greenways, recreational/hiking trails, and equestrian paths, blueways (e.g., kayak/canoe trails), agricultural crossings (e.g., cattle, tractors, and farm equipment), and multiuse trails.

Existing Structure Retrofitting - Existing bridges and culverts can be considered for enhancement or replacement for crossings. They can come in many shapes, sizes, and materials and may be tied to waterways, which serve as important passages for both terrestrial and aquatic species. Retrofitting can be an opportunity to create a crossing without high costs or significant construction activities, and in some cases can be done in short timeframes.

Conflicts - Utilities such as electric, fiber optic or gas transmittal lines often occur within or adjacent to FDOT ROW. Canals and rail lines can be found following along FDOT's ROW. Although not unsurmountable, these additional land uses should be factored in when considering crossings locations.

For the map of Tier 4 layers, see [Tier 4](#)

Analysis Type	Date Run	Features within AOI
		Count
Trails (Multi-Use Opportunities)		
Various trails layers.		

Analysis Type		Date Run	Count
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida	i	10/16/2025	0
OGT Existing Recreational Trails	i	10/16/2025	0
OGT Hiking Trails Priorities	i	10/16/2025	0
OGT Multi-Use Trails Opportunities	i	10/16/2025	0
OGT Paddling Trails Opportunities	i	10/16/2025	0
USFS Florida National Scenic Trail	i	10/16/2025	0
Structures			
Bridges, dams and other related structures.			
BTS National Bridge Inventory	i	10/16/2025	1
USACE Major Dams	i	10/16/2025	0
Utilities			
Layers associated with utility infrastructure.			
ORNL Electric Power Transmission Lines	i	10/16/2025	1
USEIA Natural Gas Pipelines	i	10/16/2025	0

BTS National Bridge Inventory

Metadata: https://etdmpub.fl-a-etat.org/meta/bts_bridge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Google Map
JOHN YOUNG PKWY [SR-408 - SR-408 - JOHN YOUNG PKWY]	https://www.google.com/maps/place/17RMM5952357371

Summary: 1 feature(s) found within buffer.

ORNL Electric Power Transmission Lines

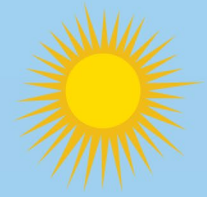
Metadata: <https://etdmpub.flas-etat.org/meta/powerlines.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Owner
POWER TRANSMISSION LINE (VOLTAGE: 100-161)	NOT AVAILABLE

Summary: 178.59 linear feet within buffer.



A.5 Resilience Report



Resilience Report

Project and Feature Information

Project Description

- Project Name: MTP2050 - JYP from SR 408 to Shader Rd
- Description:
- Date Created: 10/16/2025
- Project Number: #37817

Alternative Information

- Alternative Name: Feature 1
- Alternative Number: #1
- Acres: 63.7

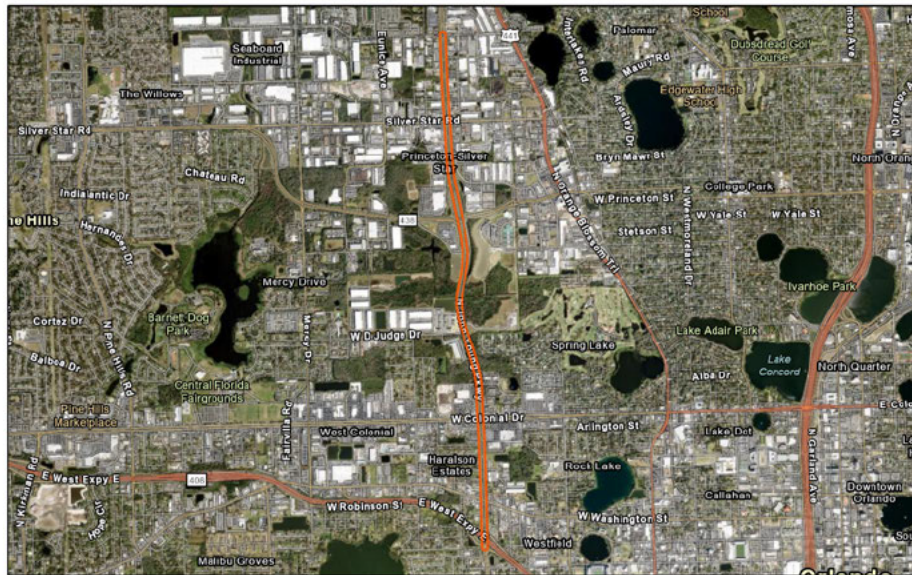
Region and Location Information

- DOT District 5
- Orange County
- South Florida Water Management District
- St. Johns River Water Management District
- Metroplan Orlando
- USCG District 7

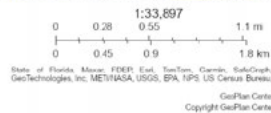
Location Maps

[VIEW RESILIENCE REPORT MAP LAYERS VIA EST MAP VIEWER](#) (Requires EST Login)

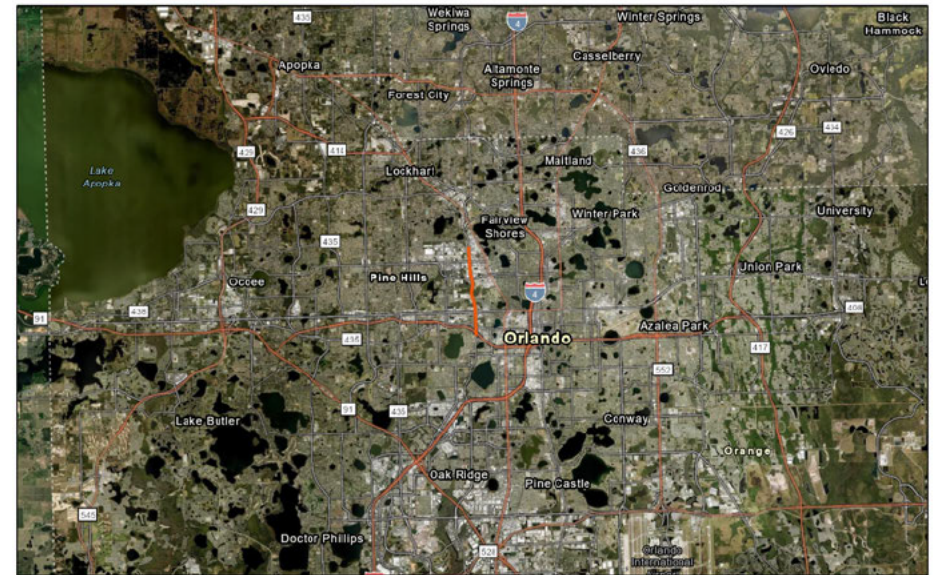
Analysis Area



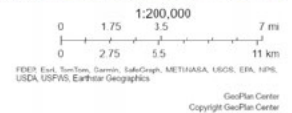
October 16, 2025



Context Map



October 16, 2025



Sea Level Rise

No estimated sea level rise impacts; AOI was analyzed for 1-7FT SLR.

Storm Surge Zones

Summary of Exposure to Hurricane Storm Surge Categories

Description	Acres	Percent
Outside Storm Surge Zone	63.93	100.0%

FEMA Flood Hazard Zones

1% & 0.2% Annual Chance Flood Exposure

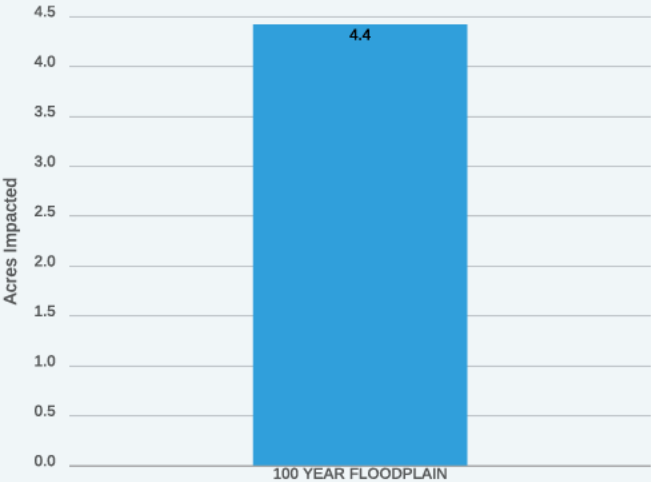
Description	Acres	Percent
100 YEAR FLOODPLAIN	4.42	6.91%
OUTSIDE FLOODPLAIN	59.58	93.09%

A Special Flood Hazard Area (SFHA) is defined as the area that will be inundated by the flood event having a 1-percent chance of being equaled or exceeded in any given year. The 1-percent annual chance flood is also referred to as the base flood or 100-year flood.

Moderate flood hazard areas are the areas between the limits of the base flood and the 0.2-percent-annual-chance (or 500-year) flood.

FEMA 1% SFHA Categories

Description	Acres	Percent
AE	4.42	6.91%



Extreme Heat

Historic Data (1976 - 2005)
Annual Days Above 95 degrees F

Min Days	Max Days
8	8

Projections for Early Century (2016 - 2045)
Change in Annual Days Above 95 degrees F

Min Change In Days	Max Change In Days
31	32

Projections for Mid-Century (2036 - 2065)
Change in Annual Days Above 95 degrees F

Min Change In Days	Max Change In Days
51	52

The values represent the change in the annual number of days above 95 degrees Fahrenheit (F) relative to the historical climate (period 1976–2005). Data is provided in ranges (minimum and maximum change in days), as the analysis area may intersect with multiple heat data points.

The total projected annual days above 95 degrees F for each time period is the sum of the historic days plus the projected change in days.

Data Source: 4th National Climate Assessment Scenarios. Derived from the Localized Constructed Analogs (LOCA) data set, developed by the University of San Diego Scripps Institution of Oceanography. These values use the “Lower Emissions” scenario - Representative Concentration Pathway (RCP) 4.5.

Wildfire Risk

Summary of Wildfire Ignition Density Levels

Description	Acres	Percent
Level 1	1.33	2.1%
Level 3	0.67	1.05%
Level 4	1.11	1.75%
Level 5	1.78	2.8%
Level 6	1.33	2.1%
No data available	57.37	90.21%

About Wildfire Ignition Density

Wildfire Ignition Density is the likelihood of a wildfire igniting in an area. Historic wildfire ignition locations from 1981 to 2007 were modeled to create an average ignition rate map. The ignition rate is measured in the number of fires per year per 1000 acres.

The output rates were categorized into seven classes reflecting average ignition rates and given general descriptions from Very Low to Very High.

- **Level 1: Very Low** = Lowest ignition rate (lowest wildfire risk)
- **Level 7: Very High** = Highest ignition rate (highest wildfire risk)

Data Source: Southern Group of State Foresters (SGSF) [Wildfire Risk Assessment Portal \(SouthWRAP\)](#)

Favorable Geology for Sinkhole Formation

Summary of Favorable Geology for Sinkhole Formation

Description	Acres	Percent
1: Least favorable	56.83	100.0%

About Sinkhole Risk Layer

This layer represents areas with geology favorable to sinkhole formation. This layer includes four classes that represent areas where the geology is least favorable to most favorable to sinkhole formation:

(1) Least Favorable, (2) Favorable, (3) More Favorable, (4) Most Favorable

Data Source: Florida Geological Survey

Severe Thunderstorm Risk

Severe Thunderstorms can cause various impacts to the transportation system. Lightning risk and strong winds are used as a proxy for assessing risks from severe thunderstorms.

The [FEMA National Risk Index \(NRI\)](#) summarizes risk at the census tract level for 18 natural hazard types, including lightning and strong winds. The analyses below show the risk rating from the census tracts that intersect the analysis area. There are five risk rating levels, from highest risk to lowest: Very High, Relatively High, Relatively Moderate, Relatively Low, and Very Low.

Lightning Risk Summary Table

Census Tract	Lightning - Hazard Type Risk Index Rating	Acres
12095011701	Relatively High	0.85
12095011702	Relatively High	0.29
12095012403	Very High	11.07
12095018300	Relatively High	15.04
12095018700	Very High	36.45

Lightning risk is calculated as the estimated the number of recorded lightning strikes each year for a specific area.

Thunderstorm Strong Wind Risk Summary Table

Census Tract	Strong Wind - Hazard Type Risk Index Rating	Acres
12095011701	Relatively Low	0.85
12095011702	Relatively Low	0.29
12095012403	Relatively Moderate	11.07
12095018300	Relatively Moderate	15.04
12095018700	Relatively Moderate	36.45

Strong Wind Risks consists of damaging winds, often originating from thunderstorms, that are classified as exceeding 58 mph. FEMA used data from the National Weather Service's Severe Weather Database, which contains historical occurrences of damaging winds from thunderstorms. FEMA used 34 years of windspeed data (1/1/1986 – 12/31/2019).

Please see the following User Guides for more information about the data:

- [Resilience Report - Quick Guide](#)
- [Resilience Report - User Guide](#)



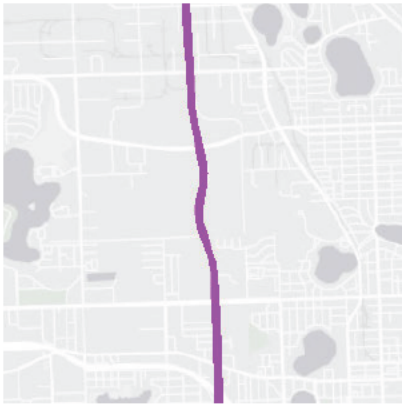
A.6 WATERSS Report



MTP2050 - JYP from SR 408 to Shader Rd Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/15/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:37:57 EDT 2025

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1



Map Information

Analysis Type		Date Run	Features within AOI Count
City, County, Regional, Agency Boundaries			
City, County, Regional, Agency Boundaries			
GEOPLAN American Indian Lands and Native Entities In Florida	i	10/16/2025	0
GEOPLAN Community and Fraternal Center Boundaries	i	10/16/2025	0
WMD Water Management District Boundaries	i	10/16/2025	2
Government-owned Lands and Facilities			
Government-owned Lands and Facilities			
FDEP Florida State Parks	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Law Enforcement Facilities			
FDEP Public Water Supply (PWS) Plants		10/16/2025	0
FDEP Wastewater Facilities		10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI Florida Managed Areas		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
GEOPLAN Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Cemeteries (Polygons)		10/16/2025	0
GEOPLAN Cultural Centers (Polygons)		10/16/2025	0
GEOPLAN Fire Stations (Points)		10/16/2025	0
GEOPLAN Geocoded Government Buildings		10/16/2025	0
GEOPLAN Geocoded Social Service Facilities		10/16/2025	0
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN Local Florida Parks and Recreational Facility Boundaries		10/16/2025	0
GEOPLAN Schools (Points)		10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
GEOPLAN U.S. Military Installations		10/16/2025	0
NOAA Submerged Lands Act		10/16/2025	0
UFCLCP Florida Ecological Greenways Network		10/16/2025	N/A
Tax Maps and Landowner Information			

Analysis Type	Date Run	Count
Tax Maps and Landowner Information		
GEOPLAN Generalized Agricultural Land Use (Parcel Derived) 	10/16/2025	0

WMD Water Management District Boundaries

Metadata: <https://etdmpub.fl-a-etat.org/meta/wmdbnd.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description
SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 63.7 acres, 100 percent of analysis area.

UFCLCP Florida Ecological Greenways Network

Metadata: <https://etdmpub.fl-a-etat.org/meta/fegn.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	64.27	100.0%
Totals	64.27	-

Designated Regulatory Regions

Analysis Type		Date Run	Features within AOI
			Count
TMDLs, BMAPs, RAPs			
TMDLs, BMAPs, RAPs			
FDEP Adopted Aquifer Minimum Flows and Levels (MFLs)		10/16/2025	0
FDEP Adopted Estuary Minimum Flows and Levels (MFLs)		10/16/2025	0
FDEP Adopted Lake Minimum Flows and Levels (MFLs)		10/16/2025	0
FDEP Adopted Minimum Flows and Levels (MFLs)		10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Adopted River Minimum Flows and Levels (MFLs)	i		
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida	i	10/16/2025	2
FDEP Basin Management Action Plans (BMAP) Areas in Florida	i	10/16/2025	3
FDEP NPDES Stormwater Permits	i	10/16/2025	2
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation	i	10/16/2025	1
FDEP Verified Impaired Florida Waters	i	10/16/2025	0
FDEP Waterbody IDs	i	10/16/2025	2
FDEP Watershed Information Network (WIN) Monitoring Locations	i	10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)	i	10/16/2025	17
Water Supply / Groundwater Recharge / Aquifer Protection			
Water Supply / Groundwater Recharge / Aquifer Protection			
FDEP Floridan Aquifer System FAVA II Response Theme	i	10/16/2025	N/A
FDEP Intermediate Aquifer System FAVA II Response Theme	i	10/16/2025	N/A
FDOH Known On-Site Septic Systems	i	10/16/2025	0
FDOH Likely On-Site Septic Systems	i	10/16/2025	0
FNAI CLIP Version 4 Aquifer Recharge	i	10/16/2025	N/A
SWFWMD Recharge Areas of the Floridan Aquifer	i	10/16/2025	1
Wells and Wellfields			
Wells and Wellfields			
FDOH Known On-Site Domestic Wells	i	10/16/2025	0
FDOH Likely On-Site Domestic Wells	i	10/16/2025	0
FDOH Limited Use Drinking Water Wells	i	10/16/2025	0

Analysis Type		Date Run	Count
Government Water Quality Programs			
Government Water Quality Programs			
FDEP Mitigation Bank Service Areas		10/16/2025	11
FDEP Mitigation Banks		10/16/2025	0
SFWMD Comprehensive Everglades Restoration Plan (CERP) Project Boundaries		10/16/2025	0
SFWMD Surface Water Projects		10/16/2025	0
USACE Mitigation Bank and In-Lieu Fee Program Sites		10/16/2025	0
USEPA Water Quality Data Monitoring Stations		10/16/2025	0
Developments of Regional Impacts (DRIs), Large Private Lands, and Sector Plans			
Developments of Regional Impacts (DRIs), Large Private Lands, and Sector Plans			
GEOPLAN Developments of Regional Impact (DRI)		10/16/2025	0
GEOPLAN Golf Courses		10/16/2025	0

FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/adopted_tmdls.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Status	Name and Waterbody ID	TMDL Parameter
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	DISSOLVED OXYGEN AND NUTRIENT
STATE ADOPTED AND EPA APPROVED TMDLS	LITTLE WEKIVA CANAL [WBID: 3004]	BACTERIA

Summary: 95.04 acres, 100 percent of analysis area.

FDEP Basin Management Action Plans (BMAP) Areas in Florida

Metadata: https://etdmpub.fl-a-etat.org/meta/bmap_area.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIVA RIVER	SURFACE WATER BMAP	ADOPTED BMAPS
MIDDLE ST. JOHNS	WEKIWA SPRING AND ROCK SPRINGS	SPRING BMAP	ADOPTED BMAPS

Summary: 72.43 acres, 100 percent of analysis area.

FDEP NPDES Stormwater Permits

Metadata: https://etdmpub.fl-a-etat.org/meta/npdes_stormwater.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORANGE COUNTY [FLS000011]	FLS000011
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 63.7 acres, 100 percent of analysis area.

FDEP Restoration Area Plans and Non-BMAP TMDL Implementation

Metadata: https://etdmpub.fl-a-etat.org/meta/non_bmap_tmdl_ra.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID	Area of Interest	
	Acr	Pct
LITTLE WEKIVA CANAL [WBID: 3004]	47.52	74.6%
Totals	47.52	-

FDEP Waterbody IDs

Metadata: <https://etdmpub.fl-a-etat.org/meta/wbids.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID

LITTLE WEKIVA CANAL [WBID: 3004]
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 63.7 acres, 100 percent of analysis area.

USEPA National Pollutant Discharge Elimination System (NPDES)

USEPA National Pollutant Discharge Elimination System (NPDES)

Metadata: <https://etdmpub.fl-a-etat.org/meta/epanpdes.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110010124846	GREYHOUND LINES INC	ICIS-NPDES NON-MAJOR
110010124846	GREYHOUND LINES INC	STORM WATER INDUSTRIAL
110040455851	PRINCETON RETAIL CONTRACTORS B	ICIS-NPDES NON-MAJOR
110040455851	PRINCETON RETAIL CONTRACTORS B	STORM WATER CONSTRUCTION
110064409126	CONTRACTORS BUSINESS PARK	ICIS-NPDES NON-MAJOR
110064409126	CONTRACTORS BUSINESS PARK	STORM WATER CONSTRUCTION
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	ICIS-NPDES NON-MAJOR
110070073639	NEW WAREHOUSE ORLANDO CENTER OF COMMERCE LOT 6A	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	STORM WATER CONSTRUCTION
110070103171	WENDY'S STORE NO. 11845	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	ICIS-NPDES NON-MAJOR
110070163053	JOHN YOUNG PARKWAY - T5538	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110070919180	4 ROOTS CAMPUS	ICIS-NPDES NON-MAJOR
110070919180	4 ROOTS CAMPUS	STORM WATER CONSTRUCTION
110071069845	WAWA STORE 5100	ICIS-NPDES NON-MAJOR

Summary: 17 feature(s) found within buffer.

FDEP Floridan Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_fas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	64.72	100.0%
Totals	64.72	-

FDEP Intermediate Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_ias_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.6	100.0%
Totals	63.6	-

FNAI CLIP Version 4 Aquifer Recharge

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_recharge.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	7.73	12.19%
PRIORITY 4	41.53	65.53%
PRIORITY 5	14.12	22.28%
Totals	63.38	-

SWFWMD Recharge Areas of the Floridan Aquifer

Metadata: <https://etdmpub.fl-a-etat.org/meta/rcharg.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	63.7	100%
Totals	63.7	-

FDEP Mitigation Bank Service Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/mgbank_servarea.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
BLACKWATER CREEK	SJRWMD	4-069-92314-1
BULLFROG BAY	SFWMD	53-00004-M
COLLANY	SFWMD	53-00005-M
FLORIDA	DEP	138562
HATCHINEHA RANCH	SFWMD	53-00003-M
QUICKDRAW	SFWMD	49-00003-M
SHINGLE CREEK	SFWMD	49-01937-M
SOUTHPORT RANCH	SFWMD	49-00002-M
SPLIT OAK FOREST	SFWMD	48-00002-M
TWIN OAKS	SFWMD	49-00007-M
WEKIVA RIVER	DEP	234803-013

Summary: 243.54 acres, 100 percent of analysis area.

Natural Features

Analysis Type	Date Run	Features within AOI
		Count
Geotechnical Data		
Geotechnical Data		
FDEP Environmental Geology 	10/16/2025	1
FWC Florida Cooperative Land Cover Grid - Version 3.8 	10/16/2025	N/A
	10/16/2025	19

Analysis Type		Date Run	Count
NRCS Summary of Specific Soils - SSURGO	i		
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data	i	10/16/2025	4
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data	i	10/16/2025	3
Floodplain, FEMA FIRMs			
Floodplain, FEMA FIRMs			
FEMA DFIRM (SFHA) 100 Year Flood Zones	i	10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain	i	10/16/2025	N/A
FEMA DFIRM 500 Year Floodplain	i	10/16/2025	N/A
FEMA DFIRM Panel Areas	i	10/16/2025	2
FNAI CLIP Version 4 Natural Floodplain	i	10/16/2025	N/A
Existing and Future Land Use Maps			
Existing and Future Land Use Maps			
GEOPLAN Generalized Land Use	i	10/16/2025	29
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	i	10/16/2025	20

FDEP Environmental Geology

Metadata: <https://etdmpub.flas-etat.org/meta/fdepgeo.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
CLAYEY SAND	63.7	100%
Totals	63.7	-

FWC Florida Cooperative Land Cover Grid - Version 3.8

Metadata: https://etdmpub.fl-a-etat.org/meta/clc_v3_8_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1110 - UPLAND HARDWOOD FOREST	0.25	0.39%
1400 - MIXED HARDWOOD-CONIFEROUS	0.67	1.05%
1822 - HIGH INTENSITY URBAN	3.66	5.73%
1840 - TRANSPORTATION	59.16	92.75%
1870 - EXTRACTIVE	0.05	0.08%
Totals	63.78	-

NRCS Summary of Specific Soils - SSURGO

NRCS County Soil Survey maps published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) as the Soil Service Geographic (SSURGO) data set.

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
3102925-(SMYRNA)(SMYRNA FINE SAND-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES)	4.56	7.16%
323139-(ONA)(ONA FINE SAND, 0 TO 2 PERCENT SLOPES)	0.13	0.2%
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323151-(ST. JOHNS)(ST. JOHNS FINE SAND)	1.87	2.93%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	14.18	22.26%
323166-(URBAN LAND)(URBAN LAND, 0 TO 2 PERCENT SLOPES)	10.28	16.14%
323167-(WABASSO)(WABASSO FINE SAND, 0 TO 2 PERCENT SLOPES)	3.62	5.69%
323168-(WABASSO)(WABASSO-URBAN LAND COMPLEX)	12.26	19.25%
323170-(ZOLFO)(ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES)	4.74	7.45%
Totals	63.7	-

NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Mapunit Key, Comp Name, Mapunit Name	Area of Interest	
	Acr	Pct
323143-(BASINGER)(BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	4.52	7.09%
323156-(SAMSULA)(SAMSULA-HONTOON-BASINGER ASSOCIATION, DEPRESSIONAL)	7.53	11.82%
Totals	12.05	-

NRCS Prime Farm Land - Subset of NRCS Specific Soils Data

Metadata: https://etdmpub.fl-a-etat.org/meta/nrcs_soils.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Farmland Classification	Area of Interest	
	Acr	Pct
FARMLAND OF UNIQUE IMPORTANCE	4.74	7.45%
Totals	4.74	-

FEMA DFIRM (SFHA) 100 Year Flood Zones

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100_floodzones.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
AE	4.42	6.91%
Totals	64	-

FEMA DFIRM 100 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_100.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	59.58	93.09%
100 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM 500 Year Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_500.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	59.58	93.09%
500 YEAR FLOODPLAIN	4.42	6.91%
Totals	64	-

FEMA DFIRM Panel Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/dfirm_panel.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0235F	2009-09-25 00:00:00
12095C0245F	2009-09-25 00:00:00

Summary: 63.7 acres, 100 percent of analysis area.

FNAI CLIP Version 4 Natural Floodplain

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_fldpln.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.27	99.82%
PRIORITY 6	0.11	0.18%
Totals	63.38	-

GEOPLAN Generalized Land Use

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_gen.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
INDUSTRIAL	0.72	1.13%
INSTITUTIONAL	0.5	0.78%
PUBLIC/SEMI-PUBLIC	0.08	0.13%
ROW	0.01	0.02%
RESIDENTIAL	0.22	0.34%
RETAIL/OFFICE	1.08	1.69%
VACANT NONRESIDENTIAL	0.09	0.15%
Totals	2.69	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.flu-etat.org/meta/flu_l2_2020.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	3.39	5.32%
INDUSTRIAL	1.62	2.55%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.8	1.26%
OFFICE/PROFESSIONAL	0.06	0.09%
RESIDENTIAL HIGH (> 12 DU/AC)	0	0.0%
RESIDENTIAL MEDIUM (5.01 - 12 DU/AC)	0.16	0.25%
TRANSPORTATION/UTILITIES	57.65	90.5%
Totals	63.7	-

Surface Water / Groundwater

Analysis Type	Date Run	Features within AOI
		Count
Springs		
Springs		
FDEP Springs 	10/16/2025	0
FDEP Springs Priority Focus Areas 	10/16/2025	1
SJRWMD Spring Capture Zones (Springsheds) 	10/16/2025	1
Aquifers		
Aquifers		
FDEP Surficial Aquifer System FAVA II Response Theme 	10/16/2025	N/A
USEPA Sole Source Aquifers 	10/16/2025	0
USGS Principal Aquifers of the State of Florida 	10/16/2025	1
Waterbody Information and Designations		
Waterbody Information and Designations		
	10/16/2025	0

Analysis Type		Date Run	Count
FDEP List of Aquatic Preserves	i		
FDEP Other Outstanding Florida Waters	i	10/16/2025	0
FDEP Strategic Monitoring Plan (SMP) for Waterbodies	i	10/16/2025	0
FDEP Surface Water Classification	i	10/16/2025	0
FDEP Wild and Scenic Rivers	i	10/16/2025	0
FWRI Unified Florida Coral Reef Tracts	i	10/16/2025	0
NPS Nationwide Rivers Inventory in Florida	i	10/16/2025	0
USDOT Potential Navigable Waterways	i	10/16/2025	0
Drainage Systems and Flooding			
Drainage Systems and Flooding			
USACE Major Dams	i	10/16/2025	0
Wetlands			
Wetlands			
FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands	i	10/16/2025	N/A
FNAI CLIP Version 4 Significant Surface Waters	i	10/16/2025	N/A
FNAI CLIP Version 4 Surface Water Resource Priorities	i	10/16/2025	N/A
FNAI CLIP Version 4 Wetlands	i	10/16/2025	N/A
USFWS National Wetlands Inventory Areas	i	10/16/2025	4
WMD Wetlands (FLUCCS Level 3)	i	10/16/2025	3
Contamination			
Contamination			
FDEP Brownfield Location Boundaries	i	10/16/2025	2
		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Dry Cleaning Program Sites	i		
FDEP Environmental Restoration Integrated Cleanup (ERIC) Sites	i	10/16/2025	0
FDEP Hazardous Waste Facilities	i	10/16/2025	3
FDEP Institutional Controls Registry Sites	i	10/16/2025	0
FDEP Large Quantity Generators of Hazardous Waste	i	10/16/2025	0
FDEP Off Site Contamination Notices	i	10/16/2025	0
FDEP Petroleum Contamination Monitoring Sites	i	10/16/2025	0
FDEP Solid Waste Facilities	i	10/16/2025	0
FDEP State funded Hazardous Waste Cleanup Sites	i	10/16/2025	0
FDEP Storage Tank Contamination Monitoring (STCM)	i	10/16/2025	0
FDEP Treaters, Storers, and Disposers of Hazardous Waste	i	10/16/2025	0
FDOH Super Act Risk Sources	i	10/16/2025	0
FDOH Super Act Wells	i	10/16/2025	0
FDEP Subsidence Incident Reports for the State of Florida	i	10/16/2025	0
USEPA Superfund Hazardous Waste Sites	i	10/16/2025	0

FDEP Springs Priority Focus Areas

Metadata: https://etdmpub.fl-a-etat.org/meta/springs_prio_fa.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WEKIWA-ROCK	5.21	8.18%
Totals	5.21	-

SJRWMD Spring Capture Zones (Springsheds)

Metadata: https://etdmpub.fl-a-etat.org/meta/sjrwmd_springsheds.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Springshed Name	Area of Interest	
	Acr	Pct
WEKIVA: REFINEMENT	14.71	23.09%
Totals	14.71	-

FDEP Surficial Aquifer System FAVA II Response Theme

Metadata: https://etdmpub.fl-a-etat.org/meta/fava_sas_response.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	1.78	2.82%
MORE VULNERABLE	3.78	5.99%
MOST VULNERABLE	57.6	91.2%
Totals	63.16	-

USGS Principal Aquifers of the State of Florida

Metadata: <https://etdmpub.fl-a-etat.org/meta/aquip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	63.7	100%
Totals	63.7	-

FNAI CLIP Version 4 Critical Lands and Waters Identification - High Priority Private Wetlands and Uplands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_private_p1p2.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.33	100.0%
Totals	63.33	-

FNAI CLIP Version 4 Significant Surface Waters

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_surfwtr.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 6	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Surface Water Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_srfwtrrp.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	62.55	98.68%
PRIORITY 5	0.83	1.32%
Totals	63.38	-

FNAI CLIP Version 4 Wetlands

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_wetland.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	63.38	100.0%
Totals	63.38	-

USFWS National Wetlands Inventory Areas

Metadata: <https://etdmpub.fl-a-etat.org/meta/nwip.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

System and Wetland Type	Area of Interest	
	Acr	Pct
PALUSTRINE (FRESHWATER FORESTED/SHRUB WETLAND)	0.69	1.09%
RIVERINE (RIVERINE)	0.11	0.17%
Totals	0.79	-

WMD Wetlands (FLUCCS Level 3)

Metadata: https://etdmpub.fl-a-etat.org/meta/lu_l3_state.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.2	0.31%
6300: WETLAND FORESTED MIXED	0.51	0.8%
Totals	0.71	-

FDEP Brownfield Location Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/brownfields_areas.xml

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

Area Name	Area of Interest	
	Acr	Pct
ORLANDO-SUNTERRA AREA	0.08	0.13%
DEEDS ORLANDO EXPANDED	22.62	35.51%
Totals	22.7	-

FDEP Hazardous Waste Facilities

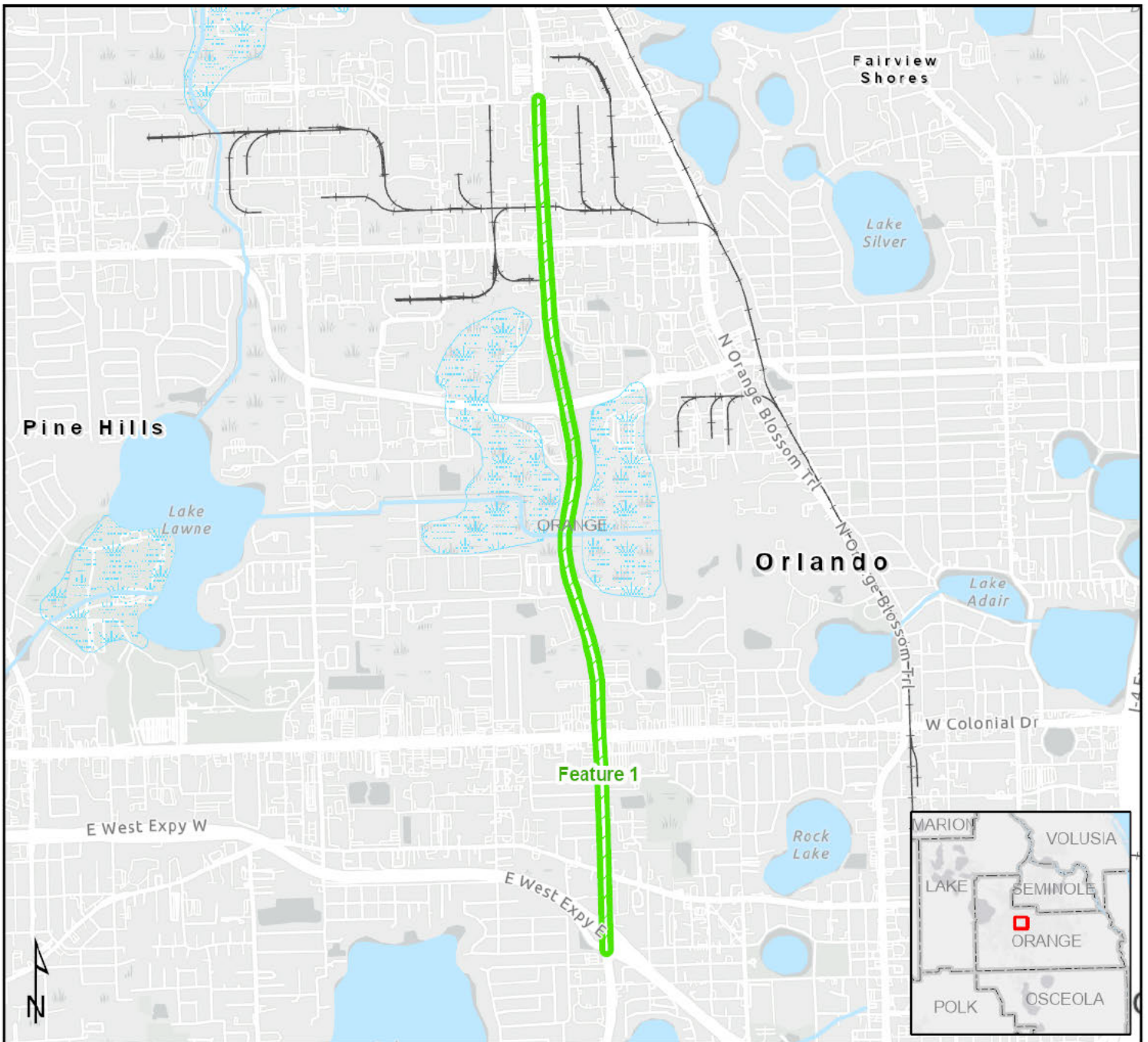
Metadata: <https://etdmpub.fl-a-etat.org/meta/chaz.xml>

MTP2050 - JYP from SR 408 to Shader Rd - Feature 1, analyzed on 10/16/2025.

Footprint analyzed

EPA ID	Site ID	Name	Google Map
FLD010504611	60235.0	MCCULLY CONSTRUCTION CO	https://www.google.com/maps/place/17RMM5935259716
FLD982151565	38643.0	AMERICAN SUNROOF OF FLORIDA INC	https://www.google.com/maps/place/17RMM5951157645
FLD984196915	57893.0	MASSEY CADILLAC INC	https://www.google.com/maps/place/17RMM5951257647

Summary: 3 feature(s) found within buffer.



WATERSS Base Map

- Area of Interest
- Railroad
- County Boundaries
- River, Stream or Canal
- ▨ Swamp/Marsh

0 1,000 2,000 US Feet



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